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*AESOP Paper*

**PLANNING FOR THE 3<sup>RD</sup> MILLENNIUM  
FROM KNOWLEDGE TO ACTION**

**Proceedings**

**1997 Joint AESOP-ISO CaRP seminar**

**16-20 April 1997 Ascona - Switzerland**

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Association of European Schools of Planning  
International Society of City and Regional Planners  
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## PREFACE

By the end of 1995 contacts between representatives of the Executive Councils of ISoCaRP and AESOP led to the idea that it might be fruitful if both organisations would engage in joint activities concerning developments of planning in Europe. ISoCaRP, being primarily an organisation of professional planners, was most interested in the challenges that face planning in Europe the next decades and the way the profession could and would prepare for these. AESOP, being an organisation of academics engaged in planning education also had Europe on the agenda and was trying to get to grips with questions as to how to adjust education to meet Europe's need. What then would be a better idea than to organise some kind of joint seminar on topics like Europe, planning education, planning practice and research ?

The councils of both organisations welcomed the idea of a joint seminar to advance thinking on the topics themselves and to advance mutual understanding of the members of the organisations: both ends - planning practice and planning education - would meet. Over and above that, whereas both organisations do have their annual mass conferences, a seminar for a smaller group of participants to discuss one topic at length was expected to be very fruitful.

A joint working group was formed. Chaired by Eric Wirén - who also was to chair the seminar - this group enthusiastically prepared for the central theme and all other necessary arrangements. Being close to the turn of the century, the theme soon became *Planning for the Third Millennium: From Knowledge to Action*, expressing the need to look ahead and the need to prepare for Europe's future in spatial terms. It was decided to have the seminar in Monte Verità - the mountain of truth - Ascona, Switzerland.

This AESOP Paper gives the first proceedings of the seminar, especially with a view to report on the seminar in the 11<sup>th</sup> annual AESOP congress held in Nijmegen, The Netherlands, dealing with a theme similar to the seminar, viz. 'Planning Knowledge for the European Market'. These first proceedings of the seminar will be distributed among its participants. Next to a general synopsis, a more detailed record on the purpose and structure of the seminar and some additional information, it contains a combination of the full text of most of the key note speeches and reflections, reports on some others and reports on the workshops and general discussions. We feel that this complete set is not just fine but compulsory reading for anyone interested in planning, planning research and planning education. It gives ample stimuli to pursue the course of these topics with more enthusiasm than before. Europe is waiting out there!

The rapporteurs:

Willem Buunk  
Göran Cars  
Marco Kerstens  
Hans Mastop

Nijmegen, May 1997

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# 1 SYNOPSIS

rapporteur: Hans Mastop

How is one to assess the outcomes of a four day seminar, somewhere on a mountain (the "mountain of truth") in the southern part of Switzerland, where some 70 people from all over the world meet to talk, eat, drink, walk (some of them two of four times a day up and down that same mountain) and have a pleasant time together; but above all come together to discuss the practice of, the research on and the education for "that thing called planning" (to borrow from Johnny Cash)?

First and foremost by stressing that planning is "men's world" (to borrow - and slightly but significantly differ - from that other American singer) meaning that planning is done by, done for, undergone, assessed and discussed by men and that, consequently, that part of mankind who makes a living out of it has the moral obligation to share experiences: agonies, successes and failures, expectations, dreams.

Second, without even taking the slightest breathe, that such sharing of experiences is difficult, needs to be organised and yet, is not organised often enough.

Planning is a basic - some say everyday - human activity. But as soon as 'science', 'craft', 'art', 'research for', 'education for', 'purpose', 'legitimation' and so on comes into the discussion, then the trouble starts. Then one experiences that those who make a living out of it and/or see it as a vocation, do so with a multitude of frames of reference in their minds. These reflect all the different influences one can think of in terms of education, politico-institutional context, social and cultural settings, specific planning experience, and so on. Every planner and every academic who studies planning seems to tell his or her own story. And when they join they are bound for a collision of completely different views and misinterpretations of each others positions, intentions, approaches and so on. This happened in Ascona too. And yet, the seminar was exactly meant to make a fresh start with overcoming these problems, as the only way to do so, is to seek exposure and to discuss one's differences.

The seminar was prepared and organised as a joint ISoCARP-AESOP event. Two organisations that represent (parts of) the world of planning practice on the one hand and the world planning education and research on the other. Two organisations that saw the need for mutual exposure. Two organisations too, that feel that they have an obligation to - let their members - think ahead on issues of planning that will confront us the next millennium.

The plenary opening session sets the tune. Chaired by Eric Wirén representatives of both ISoCARP and AESOP give their views on the triangulation between planning practice, education and research. To Eric Wirén the basic challenges of planning in the third millennium are not those of the future but our present worries about that future. In that respect he stresses that both education, research and planning practice are witnessing fundamental changes:

- **education from teaching to learning**
- **research from knowing to understanding and the change of**
- **planning as an act of mastering into continuous serving.**

To his mind the future will witness much more competition between planning schools. Students will be more mobile than at present and will choose the best schools to get the best education. Schools in their turn will like to attract the best students. Thus planning education - next to basic training - should be much more attuned to the market of individual students. Modern means of communication will play a decisive role in serving that market.

Marcel Bazin stresses the diversity in planning; in terms of policies and practices, in terms of professional status and organisation of planners and in terms of education itself. To his mind, these differences are an asset, not a problem. The planning community shall have to learn to live with and exploit these differences, as planning itself - as a basic human activity - will always be necessary, in whatever way it may change faces in the future. As far as education is concerned, for Bazin the basic qualities of planners of the future might concern:

- the capacity of selecting and organising information
- the sense of complexity
- sensitiveness to cultural and social diversity
- ability to manage conflicts
- and above all: creativity (based of course on technical expertise).

Manuel da Costa Lobo stresses the transdisciplinary character of planning. He concludes that the challenges that face planners in the future will mean that some kind of permanent education will become of the utmost importance. As planners need to master both academic knowledge and professional practice on different levels, periodic alternation of practice and continued training on specific topics will not only be necessary, but asked for by the profession themselves.

To Halúk Alatan, the collaboration between practice and theory in planning may be important sometimes, but is always present: practice and theory coexist in all phases and scales of planning with varying relative weights at different times. Of course there is a job to be done in establishing a dialogue between the two, and short term courses and workshops might be very suitable. What is important is the exchange of students and experts among countries and cultures. Especially in complex planning situations. These will be exercises in the development of specialised partnership situations the planner will be more a mediator, than solely a technical expert.

Finally, Jakob Maurer is very convincing in his argument, that, although in the future too many planners will have to do their traditional jobs, if the planning profession will prove to be unable to fulfil its role in helping to solve the complex spatial problems Europe is facing in the near future, the planning as a profession will become weaker as it is already now. For Maurer, this calls for a programme of advanced training and education in dealing with these kind of complex problems, which - might need an international co-operative initiative<sup>1</sup>.

Discussions in the workshops were lively and intense. To highlight some conclusions:

#### Workshop I: Research and Education

- both research and education must be geared to the development of new kinds of knowledge and skills, especially concerning communication in planning processes and management of resources
- the planner-professional is a mediator between national, regional and local planning stakeholders, between the various parties concerned in any planning problem, between various target groups and constituencies
- new skills and knowledge are needed for questions like: how do we deal with risk, with conflict, with time and human, natural, financial and intellectual resources; "off the shelf" knowledge and approaches more often than not do not give suitable answers; situational networking might be the only solution to overcome these difficulties
- some kind of continuous education of all participants in the process - politicians, business/developers, the public in general - is necessary
- research topics: case histories and planning evaluation and impact studies (to learn from experience), research on the intricacies of planning processes as such (what is actually happening in planning?), the possible impact and promises of new technologies and the development of a common language (or languages) for all those involved in planning processes and at least attention for how to approach that multi-interpretable concept of "Quality of life"

#### Workshop II: Education and Practice:

- there are still many differences and difficulties in the appreciation of each other's position - actually knowing what "the other" does
- education will no longer be adequate if based on the idea of task-related training; education should develop the analytical skills of the would-be planners and their openness, eagerness to reflect and act on societal questions; planning education should develop specialised fields of knowledge thus foster diversity
- educators will more and more have to serve different groups of consumers and their needs - more their students will work outside government and outside routine-like jobs
- project and practice based training is of the utmost importance of any planning education
- of special fields of knowledge and training that need more attention, the sustainable development ranks number 1 on the agenda

#### Workshop III: Practice and Research:

- practitioners and researchers still speak their own language, use their own vocabularies, have their own frame of reference
- practitioners have a constant need for new concepts - both for local and regional planning problems; ex post evaluation studies - did we do a good job? - are very necessary
- although 'nice theory', in practice it proves very difficult to come to some kind of learning from past projects gets too little attention

<sup>1</sup> Maurer offered that ORL-ETH Zurich would act as an intermediate to facilitate such an initiative

- generalisation and transferability of research findings from one situation to the other, which actually is what is done when contributing to "practical knowledge" still is difficult to accomplish
- academic planning research has its own agenda; planning as an academic discipline has at least two frames of reference: practice and academia
- of special interest in research is the political backcloth of any process of planning and the differences in institutional contexts: such research can contribute to the transferability of planning solutions and approaches
- research and planners should pay much more attention to the time-space constraints of modern societies in general and special groups in that society in particular; solutions may not always be found in ordering space - ordering time more often than not proves very fruitful
- notwithstanding the need for co-operation between practitioners and researchers, their relation is best seen as a LAT relation: *living apart together*.

Reflecting on the findings of the workshops in the closing session, Peter Hall first of all stresses the need, when talking about research, to differentiate between the various forms. Basic academic research is hardly of any direct use to improve planning or to be applied in specific planning projects. Planners always have to be critical about the use of research findings and have to learn how to acquire, how to assimilate and how to judge the different bodies of knowledge that are available. As far as research can help planning practice, especially research on the processes of planning itself is necessary to advance our knowledge, as well as research on the politico-institutional context of planning.

To Derek Lyddon the seminar once again proves the fruitfulness of discussions between practitioners and students of planning. But then again he wonders, whether both groups have thought enough "the clients of planning": politics, developers, citizens. To his mind these have an essential role to play when professionals are discussing education, research and the practice of planning.

The general discussion of the findings of the seminar focus on the *art* and *craft* of networking and how to go about in fostering it. Networking entails both the individual and the institutional. It is felt that personal networks are the backbone for networking, be it or not backed up by modern IT equipment. The idea to develop a basic network for international contacts between ISoCaRP and AESOP members is supported.

Next to networking the question of curriculum development is raised. What kind of different models do we use? As education plays a vital role in framing the minds of our future planners, the planning community - both practitioners, researchers and educators - should be much more aware of *how* they frame these minds and *with what*. In doing so one must realise that the model of the 'western world' is not applicable to all sorts of planning and social circumstances.

A general plea for further events like the seminar, for a possible joint 'world congress' in 2000 and for the detailing of practical steps to promote the co-operation ISoCaRP and AESOP is the natural closing point of the discussions.

Closing the seminar Erik Wirén brings education, research and planning back to basics. Planning is less a scientific than a practical activity. So practical rationality is much more fundamental as an object of study than discourse and theory. Research must focus on case studies and on context, on 'how' studies and on 'Verstehen':

Planning research and analytical studies should go alongside planning practice while constantly drawing on it. Similarly, these findings from research and practice should be continuously fed into education and training in the real world. Only then the planning profession can build up a collective memory which reflects a true learning process and may lead to real progress over time.

For planning research and education practice is the beginning and the end. And as planning itself is a problem-solving activity we have to deal with rationality, uncertainty, risk and ignorance at the same time, of which the first - viz. rationality - is only the tip of the iceberg.

The Ascona seminar meant a fresh (re-)start of discussions between practice and academia. The seminar did not result in definitive answers; perhaps not even in the 'right' questions. Some intriguing questions were raised however. But above all it resulted in a shared feeling that much more of events like the Ascona seminar should take place in order to advance planning in Europe. The network will work.

## 2 THEME AND STRUCTURE

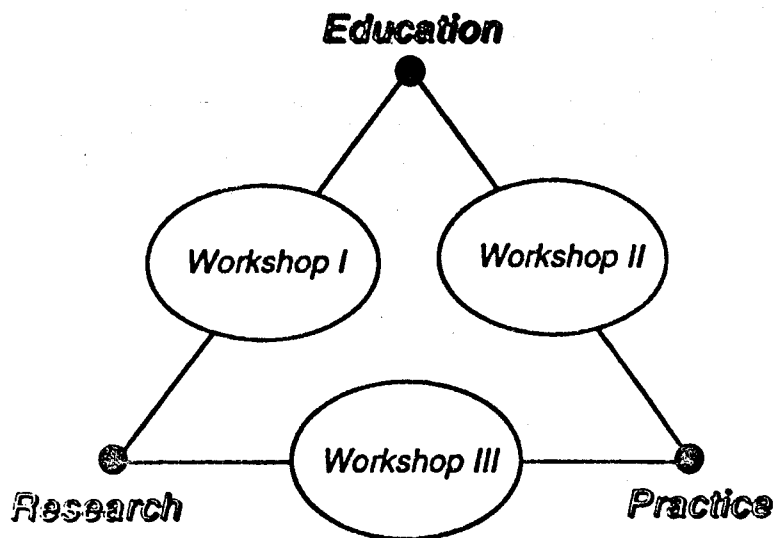
Coming closer to the third millennium quite often one wonders "what is coming?". Nobody has the answer. But that should not prevent discussions on things that *might* be coming. This is especially true for planners; they have to look ahead.

Thinking about the future of planning one realises that there are at least two worlds: that of practice and that of the academic planning world.

Up to now these worlds have often been 'dynamically conservative' in their respective positioning. Time and again it has been proven difficult to (re)define each other roles and positions. The seminar was meant as a new effort to overcome these difficulties. It was set up as a collaborative exercise of representatives of ISoCARP and AESOP.

The theme of the seminar was to start discussions on what might become the future European Planning Agenda, by considering and trying to define the interconnections between planning practice, planning research and planning education. So both planning practitioners and planning academics were invited to come to Monte Verita ("the mountain of truth") in Ascona Switzerland: not to find definitive solutions; but for trying to identify the right questions regarding the future of planning in Europe and especially planning education in Europe. Just finding the right questions would be good enough for a starter.

The seminar then was meant to have in-depth discussions on the interactive relationships between education, practice and research: what these are like, and what these should be like. Next to an introductory plenary session and a closing general discussion, these in-depth discussions took place in workshops, dealing with one of the relations each. These workshops were the hard core of the seminar. One workshop dealt with the relation education and research; one with education and practice; the last one with research and practice.



As the participants of the seminar were recruited from the ISoCARP and AESOP networks three mixed groups were formed. Each group subsequently passed through each of the three workshops; thus enabling something like group cohesion and ongoing discussions on all three types of relations. The - dual - chairs of the workshops were given the tasks, not only to introduce their themes three times over to different groups, but also to give a general report of the findings of all three groups.

### 3 OPENING SESSION

chair: Eric Wirén [ISoCARP]

#### 3.1 Eric Wirén: KNOWLEDGE FOR INTERACTION IN SPACE AND TIME

I cannot think of a more suitable place for our seminar than Monte Verità, the mountain of truth. It makes me think of one of my favourite books when I was young, Herman Hesses "Das Glasperlenspiel". This area could be Kastalia, the region where the sophisticated game society had its headquarters, protected from the trivial world, from journalistic vulgarity and from the devastating inflation and corruption of spiritual values. Kastalia was the home of a noble international hierarchy of scientists, artists and philosophers where the magister ludi, the supreme conductor of the game, was Joseph Knecht, (notice the name).

The society was not isolated,, it was an international organisation. The game became itself a mean of communication, a language for spirituality. In the schools for the young elite everybody dreamt about a carrier in the game hierarchy. For them magister ludi was next to God. The deepest insight of the culture was the relationships between teacher and student, between the individual and the collective, between master and servant. Authoritarian meant nothing but good will, helpfulness and deepest affection.

Once a year the magister ludi conducted the performance of a sophisticated game where music, poetry and other arts, mathematics, astronomy and other sciences were the ingredients for spiritual common refreshment and profound inner reflection. At the very top of his carrier and fame Joseph Knecht woke up from this dream life of perfect harmony, left the perfect society and went down to the people in the valley to become an ordinary teacher, no longer as master but as a learning servant , Joseph Knecht.

It was and still is a thought provoking story of a future époque of disintegration. It tells that even the noblest mind has to face reality. It is necessary to fight for the cultural heritage of values, but it cannot be done through any cults for an elite only. Knowledge cannot by itself be considered spiritual and eternal, on the contrary it is fragile and destroyable and most of it will soon be forgotten. The pearls of the game will, however fantastically they once have been used, one day turn into what they really are, pearls of glass and nothing but that.

It is not only the sense of place that brings "Das Glasperlenspiel" back to my mind, but also the theme of our seminar. The turn of the century has a remarkable effect on the mind, it is like opening up the doors to something new. There is in fact nothing that contradicts that we are facing a totally different culture within maybe ten years time. My advice to the workshops is to keep an eye on the expectations as they are expressed by Peter Hall and Derek Lyddon and also to consider what the keynote speakers have to say. There are indeed presenting a few challenges.

European urbanism is a result of human progress. Buildings, infrastructures and transportation systems are all lasting signs of peoples efforts to seek for support and quality of life. Now Europe is facing severe crises as the lack of transportation capacity is beginning to paralyse and hamper economic growth. It creates in turn social tensions and further damage to the environment. There is an obvious need for radical solutions.

This gives me one reason to stress that the future is of less interest than our present worries about the future. The use of words like complexity and uncertainty give no excuse for escape into any futuristic fantasies, the problems are here now and we have to deal with them. The future can always wait, but the things we have to discuss cannot. There is nothing we can hide behind. We need to face realities. A good starting point will therefore be to think in terms of new basic ways of thought and challenges. as Peter Hall suggests. We are expecting fundamental changes in education, practice and research and I shall briefly add three such new ways of thought to Peters list, namely the change of :

- education from teaching to learning
- research from knowing to understanding and the change of
- planning as an act of mastering into continuous serving.

These three sentences represent each great challenges.

The development in education from teaching to learning will probably mean a revolution of the whole system of education, primarily due to interactive use of information technology. When the global information systems in a few years time have passed the worst state of edutainment its creative

capacity will develop. Robot surgery and telemedicine give striking examples of how man-machine skill is developing. Expert eye operations can already today be performed at places that did not even have eye surgery before. This represents a new kind of decentralisation with several implications. Of course the technique will be used for medical education, students will take part in ongoing operations performed and commented by leading experts. Of course because it is both unsurpassed entertainment and perfect education.

Students will search on the web for the best learning opportunities and the best teachers. Universities will market their resources and capacity in a global competition. This in turn will start market management in terms of co-operation between planning schools. Students will be offered opportunities to take part in ongoing planning processes and to interact in discussions over practical planning problems and real world solutions. Real world becomes a tool-box.

The individual search for learning will not only need qualified guiding. Interactive planning using IT will also need co-ordination and co-operation between universities and practitioners. This in turn is a strong argument for a European planning centre, based upon information technique and expert networks. The basic market force is the individual planning student who wants to get the best available planning experience he or she can get on the net with available resources.

My second sentence about change was about research. I said that we are going from knowing to understanding. Development of science as an expression for a need to know more is now giving room for ambitions to understand better what we already know partially. This is a reaction to the historical fragmentation of knowledge and a lack of holistic views. Ecological matters show clearly that we ought to understand man and machine better before we can understand man and nature. Some say that the scientific fundament is trembling these days. I do not think so, it is rather a sign that science and technology are beginning to take their place in society and take responsibility for the creation of all kinds of collective risks.

This is why I choose the word understanding. We need a basic understanding of the interaction between society and the biosphere, the whole chain of various scientific, technical and societal phenomena and how they integrate in decision processes. There is a lot of pessimism about this conceptual vacuum between on the one side the knowledge about the processes between atmosphere, earth and sea and on the other hand the ways in which these systems are manipulated. Understanding is closely related to the use of language. Very few scientists seem yet to be willing and able to transform their knowledge into facts and directives for planning use. The change will start by bringing natural and social sciences closer together and it will soon be followed by the selection, implementation and monitoring of policies for environmental action. This change is not far away at all.

My third point has to do with planning practice and the change from mastering to serving. I wrote in my preliminary paper that the renaissance ideal and the mastermind approach now mean nothing but aspects on the formation of personalities. But there is more to it. It seems meaningless to ask whether there is a future for planning or not. As a reminiscence of Gosplan planning is stone dead. Now planning has to be seen as an indispensable part of modern life, a vital property of the self-organising society. It is the complexity and the uncertainty we have in common that calls for collective planning, but the inertia of structural change that makes it possible. In times of rapid change planning does not stand a chance.

Uncertainty can be understood as risk, and planning and risk management as two sides of the same coin. One cannot plan without taking risks and one cannot manage risks or uncertainties without some sort of planning. Even improvisation needs some preparation. This way of looking at the planners task opens up new doors and gives reason to think along the same lines as risk researchers do. They study risk perception and risk communication. We ought to think more about planning perception, about planning communication and about an integrated view of planning? It is indeed time to widen the concept of societal planners and include at least individuals and private enterprise as active planning entities.

Politics has so far acted as a chaperon to planning in what has been thought of as untouchable democratic order. But politicians have been held in contempt a long time and this is now aiming at politics as such, what politicians do, rather than how they do it. The concept of democracy is seeking its meaning and there are global signs that the search is going in the direction of local self-determination. The genuine local democracy is becoming a new Utopia. The history of planning seems to be the history of Utopia, and a continuing dialogue between the Platonic and the Aristotelian. A Danish student wrote in a seminar paper: "We need two kinds of design approaches: normative/utopian and methodological/experimental. The former should explicitly define the design criteria, i.e. the normative values, the ideals. The latter should provide the practical and methodological means enabling the design process to take place. These approaches should not be

mutually independent, rather they should form an integrated whole". (J. Götze 1995) I think it is a clear indication that the dialogue is going on.

There is a lot of operative planning going on all over the world because there has to be. There is also strategic planning going on, but does it have to be? It may be a symptom that something else is missing, something that could help operative planning to become more collectively efficient. Strategic planning is not just the big brother of operative planning. To me it is the need for co-ordination and co-operation that could make the many operative planning endeavours meaningful and more efficient. There is no planning subject, no planned object, only demand for help.

In a sense we are all operative planners; individuals, households, entrepreneurs, industrialists, social workers, in short all who have the responsibilities to plan for activities within certain budget frames and who are depending on how others plan. I see planning as the link that combines knowledge and interaction, the manageable gateway between the territorial, bodily world and the abstract, self-organising society.

The turn from mastering and plan making into serving all kinds of planners is thus widening the concept, Derek Lyddon asks us to combine the change of attitudes and driving forces with the change of roles and responsibilities. Such matters have been dealt with in a recent study called "Making Strategic Spatial Plans Innovation in Europe" by Healey, Khakee, Motte and Nordhem. I have only seen a summary but it seems highly relevant.

Based upon ten cases in Europe the study shows that social forces now are being mobilised in many societies in order to make it politically possible to meet new pressures for regional reorganisation and changed political influence. The driving forces are in each case the intricate result of conflicts between national and local interests. Economy seems to be the most important driving force. Europe is an arena where urban sites and regions are seeking their new roles for the future. Political national importance balance assessments of economic forces that influence the European economy and thereby urban patterns and the use of space.

Environmental matters are now competing with the economy and there is a challenge to find a stable adjustment of environmental problems to economical considerations. Another driving force in the development of new ways of thought is the organisation of political responsibilities. Matters concerning decentralisation seem to revitalise local politics and foster political motivation in order to develop new strategies.

The dominating, mainly economic, extensive forces intertwine with local forces that develop from the geography and the common sense of history of places. Political factors seem to become prominent in cases where there are dynamic key-persons involved in spatial planning. Important other factors are earlier experience of planning and the existence of a planning culture, the need to legitimise key issues and the local pressure from people and the economy.

Strategic planning efforts are responses to pressure both from the world around and from the local level. Often local dynamics and conflicts are lifted up from the local debate to a higher rhetoric level and put into the light of the European scene or to a new image of the place on the European arena.

Thus Friedmans world city hypotheses becomes actual, as hinted by Stefano Wagner  
Finally let us accept Derek Lyddons words: "The Planner finds the right question by testing alternative answers" Let us have a try to test alternative answers and see if we can find the right questions.

Personally I like to add: Solutions are also welcome!

### **3.2 Marcel Bazin: HIGHER EDUCATION AND PLANNING PROFESSIONS AT THE CROSS-ROAD**

Being an organisation of planning schools, AESOP is basically concerned with the advancement of planning education throughout Europe, but this objective cannot be achieved without strong links with the practitioners and their organisations, and that is why we are all together in this seminar.

In fact, AESOP has already undertaken a dialectic reflection upon the curricula in planning, i.e. the offer we put on the "European education market" as planning schools, confronted to the needs of the profession, i.e. the demand, in the formulation of which professional organisations such as ISoCaRP (as well as ECTP) play an outstanding role. Our hope is that this seminar will be an important stage in that process.

## 1 - THE PRESENT : A THREEFOLD DIVERSITY

This reflection is based upon the acknowledgement of a **threefold diversity** : diversity in planning policies and practices, diversity in the professional status and level of organisation of planners, and diversity in planning education itself, from state to state, and even from school to school in the last case.

### 1- Diversity in planning policies and practices

The word *planning* itself is understood and implemented in various ways, with extensive differences in scale and content. It includes the rigid communist *planifikatsia* as well as the most gentle forms of incentive measures supposed to improve the spatial distribution of industry ; wide views over broad trans-border areas such as the Alpine regions where we are now as well as micro-projects in a small rural area or in an urban neighbourhood ; global perspective aiming to sustainable development as well as specialised projects in housing, tourism or transport; ready made urban design projects as well as gradual processes in advocacy planning. However, all that is planning, since it organises the spatial regulation of human societies ! And all those aspects, or most of them, coexist in the same country. But the most meaningful differences are bound to the decisional level(s) involved in planning, which is related to the structure of political power : in spite of their maximal ideological distance, Thatcherian Britain and Brejnevian Russia both suffered from a highly centralised structure, very far from that of federal Germany or Switzerland, whereas Latin countries like France, Italy and Spain experienced deep changes toward decentralised forms of power during the last decades.

The Compendium recently elaborated by DG XVI gives now a comprehensive picture of this diversity. We hoped to have it presented here, and regret that Philippe Doucet and his colleagues from DG XVI are too busy now in preparing the inter-ministerial meeting in Noordwijk about the organisational scheme of European space to be able to bring us their experience.

### 2- Diversity of planners

Such different ways of practising planning mean various ways of being a planner. You can work as a civil servant, either in State administrations or in offices linked to local authorities, as an employee in an associative structure such as town planning agencies (*Agences d'Urbanisme*) or natural parks (*Parcs Naturels Régionaux et Parcs Nationaux*) in France, in a social housing company or in a private consulting company, or be the head of such a private company or finally be an independent self-employed person. Students associations, or former students associations, bound to our planning schools could produce comprehensive pictures of the jobs exerted by our graduates : they vary greatly from one country to another, and even from one school to another according to its main disciplinary pattern and its regional and national network of partners. In fact, there is often a gap between the professional destiny of our graduates and the actual map of the planning professions in most countries, probably to the exception of the Netherlands and the United Kingdom where planning education has been functioning from the beginning. Elsewhere, most planning schools are relatively young, and a great number of actually working planners have another educational background, generally architecture, sometimes engineering or social sciences.

Another important issue is the legal definition and status of planners, which varies greatly throughout Europe. The strictest definition seems to be observed in the Netherlands, where the title of town planner is protected by official registration whereas planners are grouped in the Association of Dutch Town Planners (BNS), though less than the half of registered town planners are actually members of BNS. The United Kingdom does not protect the title by registration, but the recognition through membership of the Royal Town Planning Institute, bound itself to the recognition of curricula by RTPI, gives a key to employment in planning almost as efficient as official registration. In Germany, the access to the title of planner (possibly more precisely "town planner" *Stadtplaner* or "regional planner" *Regionalplaner*) derives directly from getting a degree in planning, but architects may also be granted this title in some *Länder* by the Department of Urban Planning of the Regional Chamber of Architects. In Italy, architects have the monopoly of planning : any kind of plan from the national scale to the communal scale has to be signed by a registered architect, which has led the new *Società Italiana degli Urbanistici* to undertake a wide action in order to change this situation. In France, as for now, there is no official definition of the profession, actually practised by people with various educational backgrounds : architects, graduates from planning schools, engineers. The new *Conseil Français des Urbanistes* has begun working actively to initiate a "qualification" process leading to a professional label of "qualified planner".

Those few examples have shown by the way that maintaining, or changing, the status of planners depends upon their forms and level of organisation at the national scale, over which the action of international bodies such as ISoCaRP and ECTP plays a very important role.

### **3- Diversity in planning education**

Planning education itself shows an extreme diversity, not only from one country to another, but often between schools of the same country ! The new edition of the *AESOP Directory of Planning Schools* published in 1990 thanks to Tadeusz Marszal's efforts gives a good idea of this diversity, since we insisted upon a more detailed presentation of the curricula.

Three main formulas can be distinguished through the jungle of curricula :

- continuous curriculum fully devoted to planning, from undergraduate to graduate and to postgraduate levels (anyway those three words do not cover the same realities in all countries) ;
- specialisation curriculum in planning, generally at the postgraduate level, following an undergraduate disciplinary programme supportive to planning (geography, architecture, social sciences, law, economics etc.) ;
- integration of a specialisation in planning in a curriculum basically devoted to another field : architecture, geography, engineering.

The first formula is predominant in UK, Germany, Norway or the Netherlands, whereas the "French model" gives the biggest weight to the second formula, which is also the case in Portugal, Poland or Israel. The third model is often to be found in Eastern European countries, while Italy stands at the border of the second and the third formulas.

Anyway, this gross distinction is quite insufficient to give an acute account of the diversity in curricula. Other very important differentiation factors are respectively the shapes of the linkage between education and profession : participation of practitioners in courses, placement periods, case studies and workshops ; and the contribution of research to planning education, now illustrated by Ingrid Lundahl's report on *Doctoral Studies between Academy and Profession*.

### **4- Diversity, a source of weakness or of richness ?**

One could stay staring with blinking eyes at that utmost diversity and think it makes the situation rather desperate, something like an enormous jig-saw puzzle the pieces of which will never fit together. Against this despondent attitude, one might also choose a combative and normative attitude : diversity is our enemy, we have to build an efficient "European bulldozer" that will crush the differences and level everything into an ideal European planning system and corresponding educational pattern ! In my view, this idea is neither realistic nor desirable, and in fact AESOP's aim is not to level diversity, but to analyze it through its richness, to facilitate mutual information, to pick out interesting experiments from various countries and evaluate their transferability, and finally to contribute to organise that diversity.

## **II - THREE QUESTIONS FOR THE FUTURE**

Three questions are central to this seminar. They are not new, but must be answered in depth :

- 1- As a preliminary, will planning remain a significant activity, or in other terms, is there any future for planning ?
- 2- What will be the new patterns of that necessary planning activity in the beginning of the next millennium ?
- 3- How can planning education take these new, and still partly unpredictable, evolutions into account ?

### **1- Is there any future for planning ?**

If we decided to have this seminar together, it is of course because we are all convinced here that the answer is "Yes", as all front speakers' speeches will have shown too. Of course, no one would expect another answer from us, and our conviction might just be a reflex for survival, the manifestation of our "dynamic conservatism" : planning is useful because we are the planners, the people supposed to practise planning or to teach it to younger generations, and making the statement that planning is condemned to death is the equivalent of committing suicide!

But couldn't a new Cassandra sing once again the refrain of "No future" ? Doesn't the trend towards mondialisation and liberalisation make planning a prehistoric activity, the last struggle against economic triumphant forces ? As you can guess, I am intimately convinced of the exact contrary of that assessment. I do not insist upon that, since our meeting is rooted into the conviction that planning will still be a necessity to ensure the articulation between economic efficiency and socio-spatial justice. Recent human disasters remind us the necessity of a spatial regulation of society.

### **2- What will be the new patterns of planning activity in the beginning of the next millennium ?**

Thus planning is a necessity, but what kind of planning ? Isn't there a permanent temptation to think

we are the people who know, and to go on perfecting models of planning (and of course methods of teaching that planning) that are already out of date, such as the physical planning of the 1960s implemented in a period of industrial and demographic growth? As we know things have changed, we can try to update the contents and methods of our planning education to present day's situation, and then think "We've got the solution" and use our respective organisations in a defensive orientation, but this is the best way to guarantee failure in a very near future.

So, how must we face this uncertain future? The last decades have taught us to be modest as for prevision, since extrapolated trends were suddenly cut off by unforeseen events such as the 1974 oil crisis or the 1989-90 collapse of communist states. This modesty must also be applied to ourselves and the future of planning. Only one thing is hundred percent certain: nobody entering the profession of planner will do the same job all along his (her, since more and more planners and the majority of our students, at least in France, belong to the feminine half of mankind) professional life.

We can point out a number of factors that will change the nature and methods of planning practice, the difficulty will be to estimate their respective, and probably rapidly shifting, weight. A very likely tendency towards globalisation will embrace both the economic and the ecological spheres. Decisions taken quite far away from here will have a deep impact on our life, which should lead to an increasing consciousness of world-wide solidarity. What place can Europe take in such processes, and what Europe? Won't the deepening of European Union in its present boundaries, through the implementation of Euro as a common monetary unit, play against its broadening to Eastern and South-eastern Europe? How far will regionalisation and decentralisation processes go, and what remnants of power will stay in the hands of national States? This redistribution of power will at the same time define the most significant spatial levels for planning policies, and eventually result in new types of conflicts between these different levels. At the same time, what kinds of new tools will new technologies in information and telecommunication bring to planners ... as well as to their partners the political and economic decision makers and to all the citizens of an "Internetted World"?

### **3- How can planning education take these new evolutions into account?**

Although our students are greedily demanding technical recipes in present day's practice, we must let them know that such recipes may be very quickly out of date, and insist upon giving them in priority what has been defined by the AESOP Working Group on Planning Education as the core of planning education: theoretical and practical knowledge on the need and conditions of planning interventions, on the preparation, implementation and evaluation of such interventions, and practical skills needed to engage in planning activities. This supposes to acquire due knowledge in many different fields, to develop practical competence through regular exposure to and interaction with planning practice, and not to forget the ethical dimension of planning. In my view, these principles will remain valid in the future, their application will have to be adapted.

We have to think now, in our workshops, about the competencies and skills which will keep their value in a changing world. They might be the following:

- The capacity of selecting and organising information. A more and more abundant amount of data will be available through various media: written literature (scientific books and articles as well as reports and projects), graphic, cartographic and photographic documents, electronic data-bases etc. Of course, the technical knowledge of new information-providing devices will have to be constantly updated, but the basic capacity of analysing data with a critical view, classifying them, selecting the most significant ones, associating them into bundles and networks will always be the condition *sine qua non* to use properly new technical tools.

- The sense of complexity, since planners will be confronted to more and more intricate situations. Understanding such situations will need, rather than an analytic approach putting them into pieces, a systemic approach appreciating the multiple and reciprocal interactions susceptible to modify the whole system. Jakob Maurer will insist upon some examples showing how planners will have to manage complexity.

- Sensitiveness to cultural and social diversity, an increasingly important component of the above-mentioned complexity. Already in present times, one of the poorest results of planning programmes concerns the difficulty in "reducing the social split" and managing a multi-cultural society.

- Ability to manage conflicts: in a socially confused environment, one of the main tasks of planners will be a mediation role between political leaders and economic forces, or between all kinds of decision makers and "ordinary" citizens. Playing this mediator function wants some training, but is impossible without a minimum innate endowment.

- Last but not least, creativity is and will remain one of the basic qualities expected from a planner. In that field, planning meets with cooking: in both cases the good technician applying scrupulously a recipe will lack the spices of creativity! On the contrary a planner showing high creativity to-day will

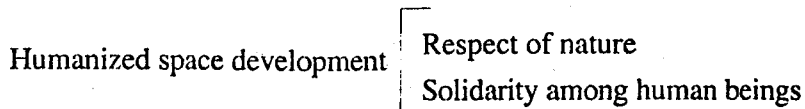
be able to apply it to-morrow to still unknown problems. But you'll object to me that creativity is an innate endowment which has nothing to do with higher education ! Nevertheless, we can do two things as educators : on the one hand, try to select students showing this creativity, and warn them of its necessity if they do not want to be just second class executors, and on the other hand put on their educational path as many opportunities as possible to use and develop this creativity.

Our programme is now to explore these more difficult, but fruitful ways of challenging to-morrow's uncertainties.

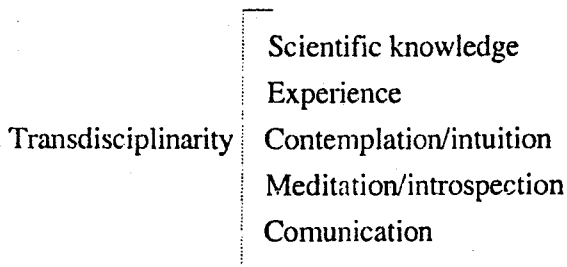
**3.3 Manual da Costo Lobo:  
SHARING RESPONSIBILITIES**

**I. DEVELOPMENT OF CO-OPERATION, FROM EDUCATION TO PRACTICE**

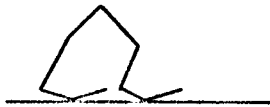
1. Territorial planning for growing, protection and regeneration, to favour for **humanised space development**, is a way - through science, art and will - of sharing space and resources having in view short, medium, long and very long term horizons. There is no way to formulate criteria to those purposes if two postulates are not accepted as natural human impulses that cannot and ought not to be demonstrated:



2. This is the way that one can only find through **transdisciplinarity** and based on a lot of **scientific knowledge, experience, contemplation, meditation and confrontation of ideas.**



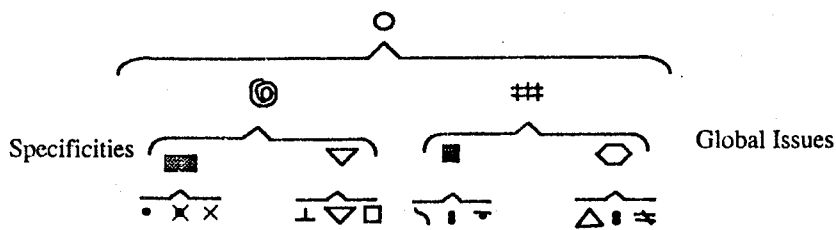
3. It is the way to build and to follow at the same time, as the way is being open as we progress on it.



4. Before being a science and an art, before being a professional activity, territorial planning is a question of **ethic**, where human kind is facing the need of co-operation through understanding not only himself but also what is going around him, in order to draw objectives taking in account all human dimensions and all nature laws, grasping the unknown.



5. In a world that claims to be more and more global, divisions appear between north and south, between east and west, between countries, between religious denominations, between regions and ethnic groups. Humanity start now to understand that there are proper levels to face different issues. **Global issues** must bring all humanity together but **specific problems** of specific spaces need the proper place to debate the issue and to follow an adequate decision making process. A municipality within a region must have its own space of competence but some problems imply a link between municipalities and a regional resolution. The same between small communities and their common space, through association. Even between a citizen and its community. For community issues, citizens must act through a democratic process as an unit but each one has the right to preserve its individual freedom and privacy and the capacity of decision at this level. Let us go further. Even within each individual we feel the need of coherent behaviour but our ego also face different impulses of our body through time, and it is not as easy as it could be expected to be coherent to our own personality. All this brings about the big issue of fragmented decisions and global ones. Fractal theories, multilevel administration, decision making systems, optimising co-operation, iterative and monitoring methods-are among the tools for planning renewal and research.

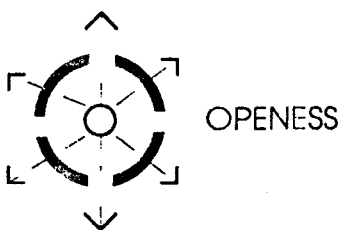


From Fractal Objects to Comprehensive Policies & Unity

6. Debates like globalisation and localisation loose their meaning if **life** is proclaimed as the most wonderful good, as life asks for scintillation, for waves where flatness is not allowed. It is therefore not a question of global or local but a question of permanent moving between the two. The right question is not to be or not to be but to debate the amplitude and frequency of dynamics.

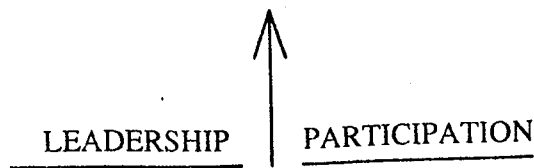


7. As a matter of fact, knowledge of different people, of different scientists, of difference professionals are very often very partial, too much lacking comprehensives. Each group with a special kind of know-how try to build their own castle of knowledge, with thick walls all around... Comprehensive approaches, in the contrary, need to **open** these narrow minded groups in order that common understanding can be progressively built. Good interchange of ideas can develop community life scintillation and fecundate relations among people and among regions for progress and creativity.



8. So many interests, understandings, personal views and conflicting wills ask for **leadership** but also for **participation**, within democratic grounds. Strategy plus tactics on one side and flexibility plus coherence on the other can be the needed tools for planning soundness. Leadership on education, leadership on research, leadership on professional planners behaviour, leadership on development implementation, leadership among the leaders - all this bring the need of a leaders network and articulation, to get a front of progress and a civilised integration of citizens and communities, although

without interfering with local specifics and identities. The complexity of partners, leaders and privileged links is such that an effective network asks for iterative steps and partial organisations until a general structure can be offered for detailed development.



9. Within professionals there are some that feel like to become **masters**, to offer all their knowledge to others and to go on creating more know how and theories. Others will be strict **professionals**, having to fight at the professional market for jobs and to get work, to develop teams and to compete, therefore not easily sharing their know how.



Professional



Master

10. **Tools** for practical planing are: observation capacities, awareness of problems, information/measurements/projections, contrasting scenarios building, influencing mechanisms, dialogue development, decision making/sharing of responsibilities, creativity/3-rd solutions, evaluation methods, assessments, managing systems, implementation through administration organisation and resources raising, mediation.

PLANNING  
TOOLS

- Observation Capacities
- Awareness if Issues
- Information | Measures  
                  | Projections
- Scenarios Building
- Devices
- Dialogue/Sharing
- Decision Making
- Creativity/3rd Solutions
- Managing Systems
- Administration/Institutions
- Resources Raising
- Mediation

11. **Legitimation** and effectiveness of planning ask for territorial comprehensives (no spatial holes), permanence of planning activity (no time gaps), participation and partnership integration, timely resolutions (agile management and decision making), monitoring, comprehensive strategy, flexibility through inflecting participated systems and stochastic strategic norms, professional excellency open to alternative evaluation and co-operation, local and minority groups respect and wide provision for meeting opportunities and devices for synergetic developments, administrative division for territorial planning and development within an attitude of associativism and administrative co-ordination levels within an attitude of local autonomy for specificity/identity, subsidiarity principle for the lower placing of decision powers according to capacities and economic scales but also a suppletory principle for the

immediate intervention of higher administrative levels when lower levels are not being able to answer to population legitimate needs.

The issue of planning legitimisation does not correspond to some of those said items but to all of them, as planning is as a container for water and the lack of any of these items is as a hole on the container. It would be useless for the purpose of carrying that water...

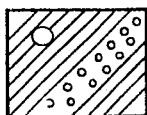


NO



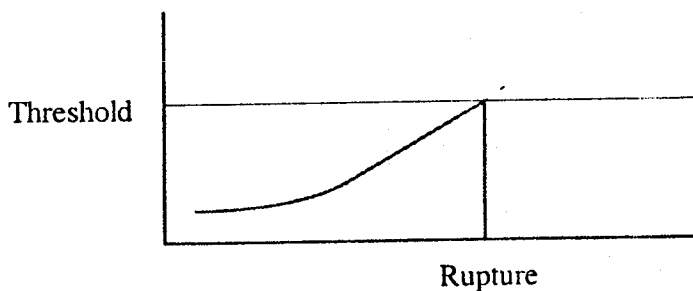
YES

12. Due to the complexity of the system where urbanists have to perform their professional activities, one must bear in mind that the evaluation of their intervention is always measured through the results where, nevertheless, they only have a shared responsibility. Very often there are some expertise gaps. The only way for urbanists to act will be **filling the gaps**. The team work where town planners have to perform can lack an historian, or a sociologic, or a landscape architect, or a transport engineering, or a surveyor, or a mediator, etc., or many of them. The urbanist has to fill in all these fields with his capacities in order that the response to human/geographic/technologic issues could be well answered. Improvising needs however capacity of study, creativity, psychological strength, openness to dialogue and good will. Again an analogy with water. Town planners within planning activity must be like water for concrete making, filling in all the left spaces among pebbles, sand and cement.

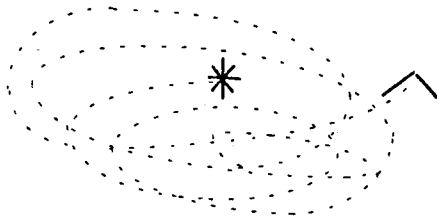


FILLING  
THE GAPS

13. A key problem for all planning steps is the **threshold** issue. Many development policies lie on the device of growing, of increasing urban centres, of getting more population, of spending more resources. Although, all these are ingredients for unsustainability, threatening our own future or the one of next generations. Limitations have a moral value but human beings act as if they are unable to accept limits, always ambitioning some extra improvements, power or ownership, irrespective to accumulated richness. Another style of life and thinking is urgently needed.

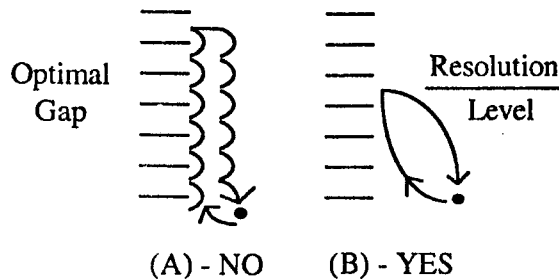


14. It seems that some light is showing the way to human kind but false promising ways now and then are very often being taken...finally bringing humans back to the very first start. It seems that round circles are being followed by unwise people or by researchers looking for other alternatives...without finding them. From time to time it seems that objectives become clearer as much as modesty come back to science. Nature is the only source for human thinking and is combining complexity/variety with unity and comprehensives. These are the two poles for human kind to locate a scheme of behaviour and of self-respect within practical actions and theoretical design.

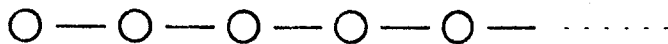


Forgetting Nature Laws  
Back to the Starting Point

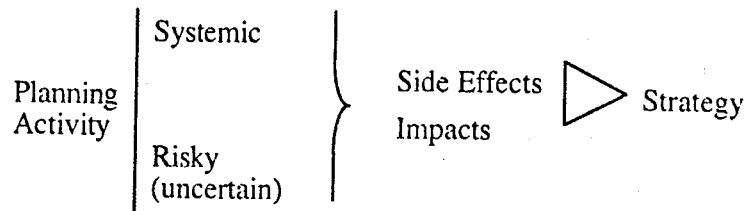
15. Both participation and co-ordination, both subsidiarity and supplementarity, both economy of scale and scale of economy lead us to an administration structure through a hierarchical system of levels, where capacities and powers can be provided and shared in order to get better administrative results. The bureaucratic principle of hierarchical administration brings a high level of time and cost consuming handling of applications, going up and down to get a final decision (A). The principle of directing issues immediately to their level of resolution, avoiding other administrative levels, seems to be a good one (B) Public administration practice has to change for that purpose but also has to offer a balanced gradatory system of different levels to allow the choosing of the adequate level for final decision according to the problem. These gradatory system can better answer to democratic participation not only directly but also indirectly through each level involvement on the decision making at the immediate level of power.



16. Recent political movements underline the need of **competitvity** as the only way for surviving. Education and training prepare citizens to compete one another. Industrial enterprises have to compete. Countries offer incentives to societies to restructure their activities in order they can compete. Cities are now developing a policy for competing among themselves. Competition tends to get wild and inhuman. **Co-operation**, at the other extreme of policy making, seems to be obsolete. Co-operation is misunderstood as something like paternalism., communism, incapacity. If co-operation within society and within nations does not find a positive connotation and a practical sense, then there is no way to go out from a forceful wild competition where moral values mean nothing and where opportunities for human kind development/improvement of life conditions will be lost.

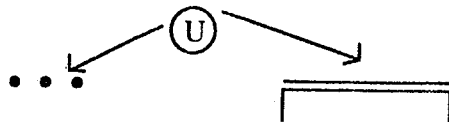


17. Planning is a **risky activity**, because it is strongly systemic (causing many side-effects) and because there are many actors that interfere in its development, with conflicting objectives and/or different strategies that can destroy each other. Actors in each department of ministries have a sectoral view. Actors in municipalities, the elected members or even the staff members are not able to co-ordinate their interventions in the cities. Private investors follow a different philosophy of gains. Credit agents and banks influence the trends, as the credit is always selective and has its own policy and strategy. Pressure groups like societies, scientific research centres, mass media, trade unions, political partners and others also add complexity to the system. If some group of co-ordinators succeed on having a rational **strategy** there is still a risk of treason.



18. Social exclusion and poverty brings a special frame for planners action, where barefoot planners or **interpreter-planners**, or bridge-professionals can be key persons for democratic positive aid to almost helpless social groups. The main strategy must be to get a somewhat intense living together between town-planner and local communities until identity of objectives and feelings can be attained.

#### Interpreter - Planners



19. Urban environment qualification and urban ecosystemic balance is also an achievement to get where streets cleaning and litter removal and re-cycling is one of the most backward sector of urban technology. Sustainability also have to do with construction ecosystem: duration and pathology of structures, **conservation** methods, drainage and underground infrastructure ecosystems, urban biology. It happens that some local powers are investing on new urban structures and forgetting the ancient ones at a rate that means growing of useless urban fabric, without proper conservation/rehabilitation.

### URBAN / REGIONAL ENVIRONMENT CONSERVATION

20. On education it is important that planners will get a solid scientific approach to phenomena understanding and judgement, creativity capacity and extensive experience dealing with design, materials and people. All this means working both on office and on the ground. The way to obtain that performance is to get academic knowledge and professional practice on different levels, that means **permanent education**, obtained through university periodic learning, may be every 10 to 12 years and intermediate periods of practice, dealing with different aspects of planning issues.

### PERMANENT EDUCATION

## II. RESEARCH

1. **Research researching.** Scientists and artist are researching in most basic fields. All that basic information is needed for planning but it is not the field of planners research. A first space for planners research is **research researching**. Planners must be aware of research being developed by researchers in the fields of natural sciences, physics, social sciences, human behaviour, medicine, philosophy, communications, technologies, etc. Planners duty is to research where are there results that could light planners work and put their together in a comprehensive systemic frame in order to become useful planning tools.

2. **Asking for New Research and Specific Technologies.** A second aspect deals with the fact that researchers showed us that they are able to orient and program their studies in order to get results on priority fields if some one is able to ask them what to research and what kind of instruments or technologies human kind need more. Planners must learn **how to ask for new research and technologic improvements**. This practice also needs a kind of dialogue systems among planners, among scientist, between both groups. It is also an important political issue.

3. **Perception of Human Multi-Dimensions Nature.** Planners know that traditional science does not cover all human dimensions and that planning practice needs a kind of practice where balanced

consideration of different components is essential. **Wisdom calls for experience and for deep human nature knowledge and perception.** This is why **transdisciplinarity** is a field of concern and research that planners can deal with as an addition to comprehensive, interdisciplinary planning practice. It will accept human nature in all dimensions, based on perception, intuition, feed-back from experience, imagination, affection, meditation, contemplation, faith, beliefs, actions, pathologies... A monitored feed-back system will provide wise indicators to navigate through this complex and largely unknown path of humanity - human nature and human meaning and future.

**4. Dealing with Models and Scenarios.** Back to earth, planners must go on doing research on **how to organise models of actual issues and of their trends**, how to get dynamic schemes to base projects and **interactive forecasts**, how to develop **simulation models and scenarios** and to deal with all of them.

**5. Jumping from Knowledge to Design.** A fifth subject for planners research is how to **jump into the darkness**, starting from the knowledge of issues and their trends and looking for the unknown future through planning: plans + management → monitoring → back to plans,... A process for public administration behaviour and for developing aid. The process demands **creativity and imagination**, **looking for 3d solutions and generation of alternatives and back again to re-direct trends.** It is an activity asking for planners skills within an organised administrative process, both needing specific improvements and interactive efficacy.

**6. Alternatives: Comprehensive Evaluation plus Creativity. Decision aid** is also an essential part of planners jobs, namely through **evaluation methods** - impact assessment, multi-objectives evaluation, standards/regulations, cost/benefit, effectivity, informed will → decision making, plus 3rd solutions.

**7. Identity Within Solidarity and Co-ordination. Balance between co-ordination/assimilation and identity.** Individual and community freedom at one side and democratic procedures on the other, although respecting minorities and weak social groups. Equilibrium between offer and demand.

**8. Mediation to Solve Conflicts/Trust.** The role of mediation to solve conflicts, limits and potentialities, and its organisation. The way to get citizens trust, at all levels.

**9. Enterprises Programming and Implementation. Programming and enterprises/initiatives organisation,** individually or through partnership.

**10. Improving Cities Living Conditions. Humanised space improvement practice.** Cities happenings, participation and legal/administrative frames. City fractals. Citizens training to live within freedom & solidarity towards qualified environment.

### III. RESEARCH FIELDS TO FOLLOW AND TOOLS TO USE

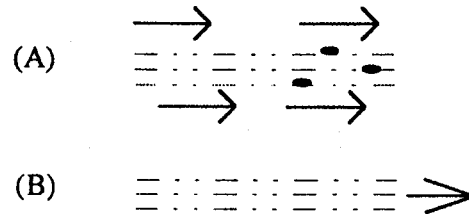
Research for urban and regional planning can develop through several fields and using many scientific tools, behind researching on research being done and looking for innovation on the tools themselves. Some of the roads to research can be:

1. Studies on human perception, experimental research, monitored practice of intuition and human sentiments exploring.
2. Studies on social behaviour, through inquiries and statistical treatment of findings, going back to former accumulated knowledge and historic research.
3. Projection of trends and forecasts (linking trends to political will and human behaviour) - the sliding horizons and the control of happenings previously decided.
4. Adaptation of functions and forms to urban and regional phenomena.
5. Calculation of rigor and sensibility of measurements and methods/models.
6. Fractal and catastrophe theory.
7. Evaluation methods and epistemology. Multi-criteria analysis and decision aid systems, selecting alternatives.

8. Analogue models like gravity, rank size, surface tensions, ..., playing with functions and discrete values following objectives and nature of issues.
9. Iconic models.
10. Aesthetics of numbers, forms and comprehensive answers to issues, accepting geometrical principles like order, symmetry, filling in, continuity, balanced distribution, .... Modelling of human settlements, at different scales.
11. Cybernetics and human creativity, innovating capacity, interface between man mind and computers - generation of alternatives. Developing of discovering capacities.
12. Automatic calculation, automatic drawing and geographic representation of phenomena.
13. Thresholds and stock management.
14. Devices for economic recover and development incentives
15. Participation models and administrative structuring, indicators and conditioning - inertia, friction interests, general laws of administration staff behaviour (Parkinson's law, Peter's principle).
16. Techniques for field surveys and monitoring.
17. Economy of scale studies. Offer-demand balance and connecting devices and mitigation's.
18. Cultural identity and complementarities - synergies.
19. Sustainability and environmental studies and assessments.
20. System of rules and discretionary principles - rationality and pathologies. Deviations and mitigation's within administrative strategies.

#### IV. FORE RUNNERS

If forerunners are to be trusted and successful then must behave with determination and modesty. If they go very fast then they will become vary far from others and the pulling effect will disappear.



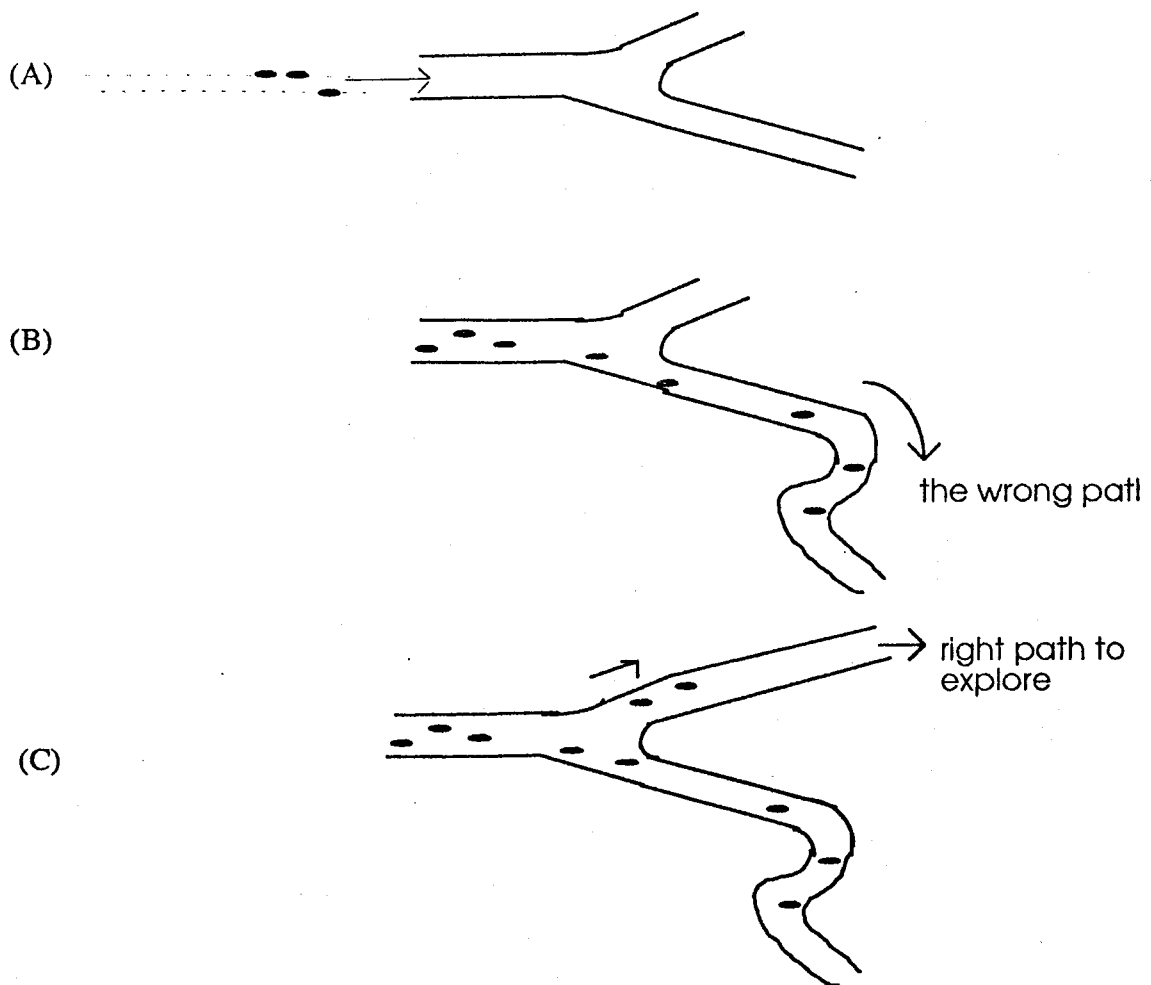
When alternatives are presented it will be wise to go slower and to divide efforts on more than one research field (see figure next page).

Being near to real life happenings, "forerunners" can go back now and then and maintain a feedback wise system, being sure that their voice is heard and their advice followed or at least debated within fare, human, dialogue. As a matter of fact, running at the head of the group is more risky and many times a wrong path can be taken. The healthier attitude is to be prepared to explore alternative paths and to come back whenever necessary.

May be the forerunners will open many fields of research but the second range runners, taking advantage of the bad or good experiences of those, eventually be the own that applied planning activity will need to support new trends and to get advice.

Besides understanding ecological claims and laws of nature and getting policies on those ground planning researches must spend more time with people in order to understand their problems, their behaviour, this way to dialogue, their psychological reactions as individuals and as groups. Planning can be called as a paternalistic activity by those that don't understand what it is a professional advice - at the right moment, at the right place - and by those hypocrite that misunderstand freedom abandon of many people to "their freedom" (having no conditions to overcome their own difficulties survive or to get an habitat or to promote their education and dignity).

The necessary links between planners and people/authorities means the right of reporting to the people and the access to mass media instruments.



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### 3.4 Halûk Alatan

#### FOR MUTUAL BENEFIT: NEW APPROACHES FOR COLLABORATION BETWEEN PRACTICE AND ACADEMIA

During the preparatory stages of the Monte Verita Seminar, the theme that I was asked to deliver a speech on was defined in broad terms as theory and practice. This was later specified to read as "For Mutual Benefit: New Approaches for Collaboration between Practice and Academia".

#### Theory, Academia, Practice

Whether it be theory and practice or academia and practice, we are talking about a line extending from theory to practice. If the path stretching between the two extreme ends is the method, we need to think and work out alternative paths. What we are here referring to is, in general the theory of practice, reality and education of planning. It is certainly possible to deal with these fields individually. Each may have overlapping or contradictory features in relation to the other. Nevertheless, they should be considered as integral parts of an entity. We must always bear in mind that theory also has a practice whereas practice is based on theory. Particularly in the field of "planning" which is a simulation of life itself, neither practice nor theory can offer realistic, sustained and lasting solutions. It can be claimed that theory constitutes the first step in planning. However, the context of practice which directly corresponds to the reality, theory will be subject to continuous review and revision as soon as implementation takes place. As a matter of fact, theory should closely relate to reality.

As an organisation of professional planners, ISOcARP has always accorded due importance to both the planning practice and planning education and training. The Young Planners' Workshops organised during the last 6 years, concurrent with the Congresses of ISOcARP, are a clear indication of its faith in continuous training in planning.

In brief, we can state that practice and theory coexist in all phases and scales of planning with varying relative weight of significance attached to each at different times.

#### 1980 Tunisia - Planning and Education

Another example is the 1980 ISOcARP Congress in Tunisia. The theme of this Congress organised in co-operation with UNESCO was "Planning and Education". Besides the theoretical issues discussed, examples of the experiences of different countries presented to the Congress by the participants have shed light on the practical aspects of planning education. One conclusion *inter alia*, derived from the deliberations in the Congress, emphasised the importance of continuous development, review and reorganisation of planning education, planning curriculum.

The Tunisian Congress drew attention to the gap between developed and developing countries in terms of the quality of education, and underscored the need for endeavours that would help to remove these discrepancies. Furthermore, these gaps exist not only among countries but also within individual countries. Unfortunately no great success has yet been recorded to date towards the rectification of this situation. On the contrary, the issues put forward in the Tunisian Congress are still present awaiting to be solved which imply that there are a lot of things to be done to improve planning education.

#### New Approaches for Collaboration?

"New Approaches for Collaboration between Practice and Academia" is a pretentious title. Especially suggesting new solutions towards the 3rd millennium surpasses the scope of this paper. Nevertheless, there is not much reason to hold us back from conveying our experiences which we had accumulated in the past decade and making some suggestions derived from them.

My personal opinion is that at the threshold of the turn of the century, our starting point would be the globalisation and localisation trends experienced in the world. We have to give due consideration to the way in which the world and planning which is the topic of our present debates are affected by the

economic, social and technological globalisation. In this context, at our annual Congress to be held in Japan, I believe, we shall have the opportunity to exchange views and develop new approaches related to "planning of an uncertain future".

The interaction and interrelationship of academia and practice, or in other words, education and implementation can be better tackled, once the potential problems and issues in the period ahead are accurately identified.

First, we must acknowledge that in a global world, the planners whom we train will work not only in their own countries and even in their own continents but all over the world, and therefore that they need to be acquainted with the problems of those countries so as to be capable of working in the future in collaboration with their colleagues there in search for solutions to these problems. This is to say that we shall have to know and teach the issues of concern to other countries as well as to our own. The transfer of technology and know-how can be facilitated in this way.

Planning is an art of collaboration. Interdisciplinary co-operation is essential in planning. The planner must be acquainted with other disciplines in order to be able to make use of them. However, prompted also by the rapid technological advancements, disciplines multiply, fragmentate, broaden in scope, sometimes overlapping with each other. The main issue is through taking into consideration practice and implementation determining the optimum combination and extent of the information related to these disciplines that will be included in the planning education. I am fully aware that there is no single recipe available on the subject. Besides the revisions and modifications introduced from time to time, the existing programs of the same university, we also observe different approaches in different universities. For instance, while one university emphasises design aspects in its curriculum, the other may choose to attach more weight to social and economic analyses in planning. I believe that this is only natural and that it is neither practical nor desirable for all universities offering planning courses to pursue the same programme.

#### **A Few Remarks**

With a view to creating a favourable medium for increased dialogue between planners and professionals of other disciplines, it would also be helpful if the latter were also informed on planning through short-term courses and workshops. The planner on the other hand should know when and where to take the lead as a decision maker and to stay a step behind other disciplines as appropriate. An important implication of this is the need for the discorporation of communication skill's development and conflict resolution capacity development in planning curriculum. This component should be underlined so as to make the student recognise its significance in practice.

Especially in developing countries, the divergence between academia and practice leaves us with a dilemma. While emphasis on practical issues in the education system has its advantages, it may lead to an undesirable situation where the young student's creative capacity is suppressed and his/her pure innovative ideas though utopian they may be, are challenged by the sheer facts which are not usually so appealing. Nevertheless, the planner should not in any case be isolated from the society or any segments of the population and must be familiar with their problems. This will enable him/her to determine to which direction and to what extent he/she would deepen his/her studies.

The relationship between the administrative system of the country and planning and planning education is effective within a spectrum ranging from the autonomy of universities to that of local authorities and other institutions. Particularly in developing countries, the central authority sometimes imposes restrictions on the actions of universities and local authorities. This issue should not be overlooked in planning and its education which are closely related to politics.

An important factor fostering the relationship between academia and practice involves the preparation by the universities of projects commissioned by public authorities and municipalities.

Also, as it is customary in some disciplines, the graduate could be asked to practise his/her profession for a couple of years before applying for post-graduate studies. This might confer beneficial results for all parties involved (academia, practice, the student).

Both AESOP and ISoCaRP should launch programmes which facilitate and promote the exchange of students and experts among countries.

#### **Conclusion**

Since planning aims at ideas and opinions concerning the regulation the future and their implementation, to have doubts about the future of planning is having doubts about the future. As there will always be a future, so will be the planning. Unless the planner is optimistic about the future, how can he/she work for a better, nice and more liveable future?

We have all experienced periods or moments of despair in our life-time. Perhaps we are passing through such a stage as far as planning is concerned. Maybe we are at the junction of crossroads. During the Second United Nations Conference on Human Settlements it was emphasised that the Conference was not an end itself, but would pave the way for a new approach based on partnership among all relevant actors towards solving human settlements problems. The Conference underscored that local level was the most appropriate level for the implementation of the recommendations of the Habitat Agenda. The preparation of local Habitat Agendas with the participation of local NGO's, local authorities and other partners will serve to this purpose. The NGO's which for the first time so widely participated in a UN Conference, are effectively acquiring new functions in democratic regimes in recent years. The importance of NGO's has increased with the changing role of the National State under the phenomenon of globalisation. NGOs will play a major role in the formulation of "local habitats". The planner will take his/her place among different NGO's acting as a mediator, identifying problems and proposing solutions particularly in relation to the physical space.

This new public sphere has not yet been sufficiently defined. In a sense, different NGOs determine their fields of action. This field can either be a physical unit (neighbourhood, municipalities, water basin zones) or relate to a particular issue. The society is in a process of social, economic and administrative change. While previously talking about the decentralisation of the functions of central government, we are now discussing the decentralisation of local authorities. The claims of local NGO's and local communities on their own environments, or briefly on planning, will facilitate in a way the superposition of theory and practice, academia and practice. The planner will need to be equipped with new capacities to work efficiently in this new medium. These include fields such as negotiation, communication and even psychology. The incorporation of subjects into the planning curricula will enable the planner to more easily communicate with other people and institutions in executing higher profession.

### 3.5 Jakob Maurer ADVANCED STUDIES IN SPATIAL DEVELOPMENT

Challenges for the 3rd Millennium: What can be learned from the shortcomings and problems of today. Are there front-runners that can show the way?

#### MORE COMPLEX PROBLEMS

Decisive decisions have to be taken increasingly in situations characterised by a great number of involved actors, interweaving agencies and enterprises, a broad range of possible actions and of high uncertainties, disturbed communication and co-operation, significant organisational difficulties and weakening influence of public bodies. At the same time, the number and the variety of decisions and the speed of change is growing. But still, as a rule, the time span is great between decisions and effects on spatial developments.

Derived from the empirical psychology, the theory of systems and experiences based on front-runners, there are strong indicators showing how to handle and manage complex problems. It is advisable to distinguish, in a first approach, between two main approaches, namely:

1. to construct a fairly illusionary normative, empirical and logical structure of the whole complex and to deduct formal and methodical routines and then to operate on this bases, or

to conceive the complex as a black box and to approach it step by step, using continually small experiments of different kinds in thinking (Gedankenexperimente), in the planning work and in operations.

According to the present evidence -2.- would be much more successful, but the majority of the professionals - including professionals like planners and top managers - seem to choose in fact -1.-, in spite of divergent statements. There seem to be similarities to quite a number of study programs in planning which are based on a deduction of their elements from a seemingly unambiguous general definition of planning tasks.

Main reasons to choose -1.- could be:

- negative psychological reactions when confronted with complexity and therefore with uncertainty e.g. the dominance of objectives of self protection and not of problem solving,

- the concentration on formal rules and routines, and
- an education based on a great number of separate units of knowledge and not on the learning of processes which would mean to start with vague questions and learn by trying to define and to solve the problem (by the way, this is the classical method of academic studies according to Humboldt, one of the main founders of modern universities around 1800).

To guide advanced studies towards -2.- is a difficult task. It is not enough to proceed on the present way to use planning projects, to introduce a bit more of simulations and group-discussions, to hear more about complex problems and to increase special knowledge elements.

#### PRECURSORY PLANNING TASKS

The investigation of precursory **planning** tasks produces insights in the future of possibly important functions of planners, the required knowledge and abilities, and the chances of planners. Regarding the practically unlimited number of interesting subjects for planning studies, it is decisive to use the scarce resources of time, money and learning capacity very effectively. At the end, there is no other way then to test, in the real world, which knowledge and abilities are really valuable. In a time of rapid change, it is dangerous to look first at the usual practice; it is compelling to concentrate on precursory processes.

This could be an important field of international co-operation, namely to compare and to discuss precursory complex planning tasks with the intention to analyse the actual and possible role of planners and their contributions.

Significant functions of planners are e.g.:

- to detect problems between the usually great number of different chains of actions and presumable deviations from the desired goals of the total outcome,
- to formulate relevant questions and programs for specialists and to use and to communicate the answers, and
- to uncover, concerning the specific task, his own missing knowledge and abilities, and to learn on the job.

The following hints on some planning tasks, which I think are precursors, are based on personal experiences as a planner in executive function (except for the new Alps crossing railways). In all these tasks, the above mentioned characteristics of complex planing tasks have been relevant, and I am observing, that this kind of tasks is becoming increasingly dominant, also for apparently limited jobs. For more information about the mentioned examples see the footnotes.

- The planning and construction of a new urban landscape crossing the city of Vienna <sup>2</sup>.
- Traffic planning and city renewal in the „Gürtelbereich“ of Vienna. <sup>3</sup>
- Co-ordination and Management of developrment projects along the Main river in Frankfurt <sup>4</sup>
- Impulses for the development of the greater region of Zürich <sup>5</sup>
- The new Alps crossing railways <sup>6</sup>
- The control of the traffic planning and management concerning the world exhibition Hannover 2000 <sup>7</sup>

<sup>2</sup> Maurer, Jakob; Freisitzer, Kurt u.a. Das Wiener Modell - Erfahrungen mit innovativer Stadtplanung, Compress-Verlag, Wien 1985

<sup>3</sup> Maurer, Jakob u.a. (Projektorganisation Gürtel Wien) Neue Wege für Wien, Gürtel, Süd- und Westeinfahrt, Entwicklungsprogramm. Abschlussbericht der Projektleitung, Projektorganisation Gürtel, Wien, 1988

<sup>4</sup> Maurer, Jakob (Vorsitzender des Consiliums Frankfurt a.M.), Entwicklung des Stadtraumes Main. Die Zukunft des Städtischen. Abschlussbericht des Consiliums 1990-1992, Stadt Frankfurt a.M. 1992

<sup>5</sup> Maurer, J.; Müller G.; Heller M.; von Rotz R.u.a., IZU, Interessengemeinschaft Zürcher Unternehmen, „Projekt "Impulse für die Entwicklung des Raumes Zürich", Kurzbeschreibung, Interessengemeinschaft Zürcher Unternehmen, Zürich 1993, „Prospekt "Impulse für die Entwicklung des Raumes Zürich". Informationen aus einer Studie der Professur für Methodik der Raumplanung am Insitut für Orts-, Regional- und Landesplanung der ETH Zürich und der Interessengemeinschaft Zürcher Unternehmen. IZU, Zürich, 1993

<sup>6</sup> Botschaft über Bau und Finanzierung der Infrastruktur des öffentlichen Verkehrs von 1996

<sup>7</sup> This task has not been finished yet.

I am convinced, that in many decisions concerning spatial developments, major mistakes are reality. Consequences are e.g. negative impacts on the environment and excessive costs. Invariably the planning profession is used as a scapegoat for such failures and - surprisingly - it does not reveal the real causes of the mistakes in the way modern media demand.

#### CONSEQUENCES FOR ADVANCED STUDIES IN SPATIAL DEVELOPMENTS

In the future, it will still be necessary to educate planners for the traditional planning work, according to the special legal and spatial circumstances of specific countries and regions. Planning schools should be used to do that.

But if planners are unable to fulfil important functions in solving complex problems concerning spatial developments, then planning as a profession will become weaker as it is already now. European planning schools could take a lead in promoting planning by strengthening the top sector of studies and at the same time, by using these studies to open new opportunities for planners.

The following domains of education should be considered:

##### **Knowledge**

- Specialised knowledge (not of particular interest for advanced studies in planning)
- Communication knowledge (passive knowledge)
- Planning knowledge (including planning organisation and management)

##### **Abilities**

- To communicate and to co-operate in an interdisciplinary environment.
- To design „Gestalten“ of space, organisations and time sequences relevant for complex decision situations as a mean of orientation.
- To detect one's missing knowledge and abilities concerning the given task and to learn from the job.
- To detect and to formulate tasks for specialists and to understand, to combine and to communicate the results and to put them into effect.
- To act as an agent for communication and moderation towards inside and outside.
- To develop „leading thoughts“ (leitende Gedanken) or strategies (ability to think strategically) and combine - following a strategy - different procedures and methods according to the ever changing circumstances (operational or tactical ability).
- To manage difficult planning tasks.

##### **Opportunities**

- To compare knowledge and abilities with students of other countries and universities.
- To get deep insights in the reality of handling complex problems.
- To be involved in important processes concerning the management of complex problems.
- To be introduced and to get acquainted with leading professionals from the praxis and academic world, representing different disciplines, countries, universities and organisations and to become a partner in discourses.

##### **Points to be considered**

I shall concentrate only on a few points, which seem to me of main importance for an international operation.

The spectrum of knowledge and data, which could be of importance in relation to complex problems is becoming wider and wider. There is practically no end in enumerating all the subjects. It is sufficient

impossible to have, in great detail, knowledge in such an ever broadening field, or to have a complete overview about the persons and sources which could be of help.

Planners have a tradition to co-operate across boundaries. But there are limits. I think that no planning school alone has the staff and the information resources to master this task. The same is true for the teaching materials. So it could be valuable for every colleague and every school to become a knot in a network for advanced studies in spatial development. A kind of international teaching staff, with connections to special sectors and information resources, might be formed.

An even more difficult problem is to get students involved effectively in the handling and managing of complex planning problems in reality. Advanced studies require such an element. Examples of general fields of complex problems could be:

- The handling of spatial developments by the EU commission and the involved regions concerning e.g.: the Alpine Regions, the Northern Range, the Mediterranean Coasts and its „hinterland“, the spatial effects of traffic and agricultural policies;
- the investigation of the possible spatial effects of the new Alps-crossing traffic lines in combination with the port policies in the north and the south of Europe with the purpose to advise the stricken regions;
- the co-operation with the world exhibition 2000 in Hannover, concerning the „Themenpark“ which, together with special programs, should define and demonstrate the main problems and chances of mankind in the coming millennium;
- the co-operation of the countries bordering the Baltic sea;
- the co-operation with the „Territorial groups“ of the OECD in Paris, e.g. concerning the spatial development of urban regions;
- the policy of multinationals concerning spatial aspects, e.g. ABB (Asea Brown Boveri), Mercedes, Nestle, international banks.

Of course specific projects have to concentrate on limited issues; but they should be embedded in the whole complex.

It needs intensive work to prepare the base for such ambitious projects. It is very difficult to persuade main actors to participate and to inform about ongoing, not yet published processes. It is a laborious task to organise a sequence of projects and seminars within a certain field. For all this, it is necessary to care for good relations to main actors. Obviously, it would be advisable, to choose only few general fields for a period of several years,. This is practically impossible for one planning school alone. But it could be done by an international network. Because of the combined knowledge of such a network, it could also be of advantage for main actors.

#### NEXT STEPS

The following points seem to be of importance:

- Is there enough interest to investigate further the possibility of such an ambitious project and to fight for a top position of spatial planning (in a wide sense as handling and managing complex problems of spatial developments)?
- If yes, is there a limited group of colleagues from universities and praxis to prepare and to organise a first attempt?
- If yes, the following points could be important:
  - No new formal unit, at least for the start.
  - Construction of a functioning network using information technology.
  - Investigation of different precursory processes and formulation of preliminary conclusions concerning important knowledge and abilities for executive functions in solving complex problems of spatial development.
  - Design of a test program for advanced studies based on international co-operation and existing formal structures.

- Discussion within and between AESOP and IGSRP in combination with a program Europe-wide promotion of the importance of spatial development and planning
- Setting up a test project together with the promotion program.

## 4 WORKSHOPS

### 1 WORKSHOP I - RESEARCH AND EDUCATION

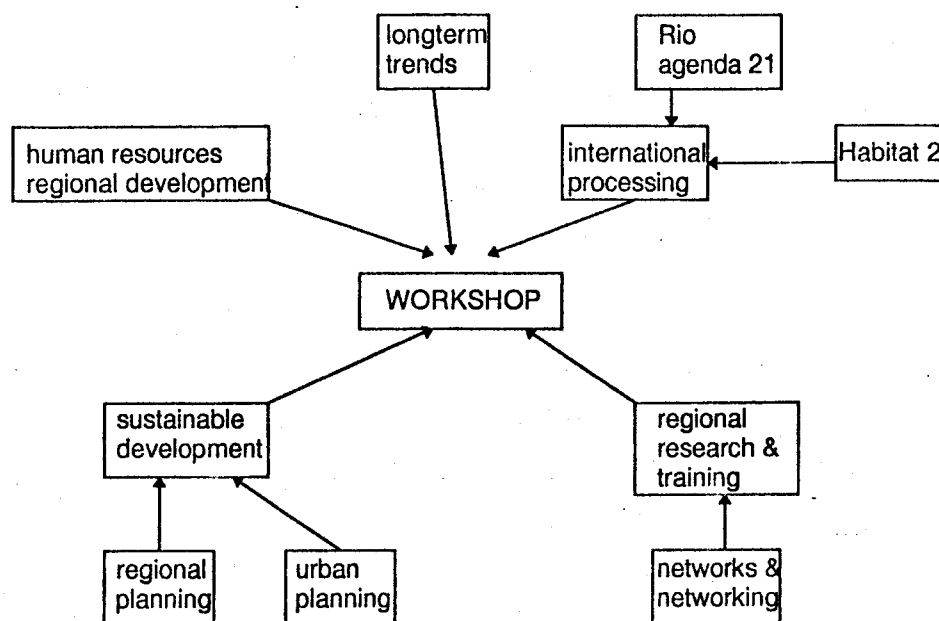
chairs: Werner Schramm [ISoCaRP], Vesselina Troeva [AESOP]

#### INTRODUCTION

*Werner Schramm*

I would like to bring in research experience from two key areas:

- connection between human resources and regional development
- the concept of sustainable settlement development against the background of the Rio and Habitat processes



*Vesselina Troeva*

Research has always been an essential part of higher education. Research achievements are evidence for the university prestige and guarantee the quality of education. Universities offer the best and most logical environment for research. This applies to the planning education, which has its roots in the fundamental and applied research. As an element of education the latter increase their share and scope as we go from undergraduate to postgraduate programmes and from urban design to regional planning levels. Successful realisation of the planning professionals depends on the acquired scientific knowledge and research methods and tools.

At the end of the 2<sup>nd</sup> millennium we are facing the growing competition among planning schools and participants in planning research and practice - architects, economists, sociologists, geographers and engineers. Academics still look for answers to some of the basic questions in planning education: What type of education - a broad based universal undergraduate level or profile specialisation at graduate level? How the emerging new technologies will influence the planning education? Is there a future for a common core or the curriculum will be ever changing and dynamic? What is better for planning students - distance learning in isolation and more personal freedom or networking in groups. There is not a single answer to these questions. They depend on the traditions, culture, history, economic development, social and physical environment, the tasks which have to be solved by the future specialists.

### *Integration between education and research*

It is clear today that there is a continuous growth of research at different educational levels. There is an increase of research oriented planning programmes at the expense of design oriented one. The attractive artistic and highly intellectual figure of the architect-urbanists will be soon a historical figure. Future planning professionals will need deeper knowledge in fundamental and applied sciences in order to participate in both interdisciplinary and specialised research, to conduct complex and elaborate development strategies.

The discussion on the relations between planning education and research might be concerned around three major issues:

- main research topics which have an impact on the education;
- research on planning education and
- the education of the researchers

The first issue is connected to the political, economic, social and environmental changes and problems which will need solutions through the competencies, knowledge and skills of the planning professionals. Among these topics are the following:

- fragmentation and polarisation in society and the equal opportunities myth;
- conservation and change throughout the built environment;
- sustainability - from professional jargon to a way of thinking;
- new technologies reshaping our environment;
- urban management and planning policy - money, power and control;
- the new spatial pattern of the global economy;
- diversity of community culture;
- virtual planning.

Our task is to find out how these topics will shape the future planning curriculum, what are the European and global perspectives to which planning education and research should respond.

The second issue raises itself a number of discussion questions. These are two contradictory opinions about the role and scope of the research on planning education. Having in mind that one of its aims is to investigate the national needs of professionals in different areas, a lot of colleagues argue that this should be left to the free competition of the labour market. Participants in the planning education research have to be not only academics but also representatives of the professional organisations, politicians and higher education authorities. The only fact that a joint seminar on planning education has been organised proves the need for more profound research on planning education processes, contents and links with other professional areas. Such research should be based on national reports and will give a realistic picture of the educational trends.

The third issue aims at investigating the growing demand for knowledge and the need for continuing education for professional planners and researchers in the field of planning for a very dynamic environment. This is a new type of higher level education which requires higher standards, new methods of teaching and learning. How and where could we close the circle 'research-education' or it is a continuous process of learning through practice and research?

As a result of the Workshop we have to formulate the areas for better integration between education and research, topics for further discussions, problems seeking urgent research solutions and recommendations for the academics, working on the curriculum for the 3<sup>rd</sup> millennium planning generations. These generations should manage the conflicts and changes, the political and economic restructuring of a patchwork Europe.

## **DISCUSSION**

rapporteur: Marco Kerstens

### **Introduction**

This first workshop of the ISoCaRP - AESOP Conference 'Planning for the third millennium' dedicated to the relation between planning research and education. Discussing this relation proved to be a difficult task. Most of the discussions did not advance beyond the stage of expressing ideas and looking for common grounds. Undoubtedly, the different backgrounds of the participants played an important role in this. Some practitioners apparently felt uncomfortable discussing a topic they feel they have little knowledge about: education. This may be the reason why the major part of the sessions was dedicated to the topic of research. Within these discussions about research r

attention was given to expressing the demand for research. In this, an interesting distinction was revealed, that can be described as 'research on planning' versus 'research for planning'.

As with research, most of the discussion about education focused on the demand for education. The issues addressed can be summarised in the questions: *who*, *what*, and *how* do we need to teach? The second and third question (*what* and *how* do we teach planners) not only concern education per se, but also the relationship between education and research. In the discussion about this relationship, a distinction similar to the one in the discussions about the demand for research became apparent, the heart of the matter being: do we train planners to do research or not?.

The following sections of this report do not represent a summary of the consecutive sessions of this workshop. Rather, they are a description of the discussion that took place in all three sessions. This report will show that, though differences between educators and professionals, between countries, and between disciplines exist, interesting similarities can be distinguished, that provide a basis for joint action by AESOP and ISoCaRP.

### **Research on planning versus research for planning**

When discussing the demand for planning research, two kinds of research crystallised. The first kind of research is undertaken to learn more about planning, especially the planning process. Topics include planning history, planning systems, and planning itself (evaluation of effects of planning). Generally speaking, the realm of this kind of research is the academic world. The object of the second kind of research is to provide planners with the (technical) information they need to perform their daily tasks in planning practice. This distinction in thinking about planning research seems to be affected by geographical and disciplinary rather than professional (practitioner/educator) backgrounds. On the one

hand, participants from north-western Europe, where many planners are trained in the tradition of the social and policy sciences, expressed the need for researching fundamental, academic problems. People from eastern and, to a lesser extent, southern Europe, where most planners have technical backgrounds, raised more practical questions, concerning ad hoc problems planning practice is facing every day. Most people that held this latter view, argued that this research into *place, folk, and work* is done better by other disciplines. In their view, this makes planning an application of other disciplines, rather than a discipline of its own.

A specific topic that was put forward by participants from eastern European countries concerns the legitimisation of planning. There, planning has a negative connotation to the public, which identifies planning with the old political regimes. Planners feel they have to defend planning, a role they are not used to perform. Therefore, planners in these countries need to learn about communicating with local communities and the media. Interestingly, planning in western Europe also faces problems of what can be called 'institutional rearrangements'. Planners find themselves working in new situations, in which they need to co-operate with many different actors, ranging from public and private corporate bodies to individual citizens. These developments led participants to feel a need for conceptualising and theorising about networking and organising.

### **Education for planning: training generalists or specialists?**

When discussing the topic of planning education, participants argued that education is not only class room teaching. They not only spoke about training young people to become planners, but they also stressed the importance of continuously educating all different kinds of actors involved in the planning process, not only professional planners, but also citizens and politicians. Education is a much broader concept than university teaching alone.

At first, there seemed to exist agreement upon the contents of planning education in the different sessions. The participants agreed that the planning process deserves much attention in planning education. Planners need to be taught how to work together and communicate with other actors in the planning process, that will have different professional backgrounds, levels of knowledge, personal characteristics, etc. The personal qualities *openness* and *creativity*, were named as crucial elements for being a good planner. For being able to work with other people, planners need to be able and willing to listen to others and come up with creative solutions. Sadly (for planning education), these qualities are very hard to teach.

However, when this topic was explored a little further, an important difference in point of views surfaced. On the one hand, a point of view could be distinguished in which managing the planning process is the primary task of a planner. On the other hand, people argued that planners, first and foremost, need to be trained in technical skills that help them to (re)construct the built and natural environment. Communicative skills are important to perform this task, but they are only a means. So,

the question is: what kind of planners do we need/train: generalists with managerial (communication) skills (planners as leaders of planning teams) or technical specialists that know how to work together. This difference in point of view was also expressed in another way. Participants that held that planners are technicians that can work together, felt that it was not necessary to teach them how to do research. After all, in their view, planners apply knowledge provided by other disciplines like geographers, economists, and sociologists. Here, a clear parallel with the distinction discussed in the previous section can be drawn.

Ways of teaching planners (and other people involved in planning) were only touched upon. There seemed to be agreement though that interactive and interdisciplinary groupwork is a preferable way to teach them to work together with an open view. Information Technology may play a helpful role in this. Two major problems were identified: first, as stated above, openness is a personal quality that is very difficult to train through education. However, it was said that openness and creativity grow with the profession. The second problem related to openness is that of communication language. Many participants felt the need for a language that can be used by different types of planning actors.

All participants agreed that education should, wherever possible, be based on research. Unfortunately, practical limitations concerning time and money often make it impossible to do so. An example of this is the British situation. Here, there are three types of funding, provided by the government, research councils, and the European Union. When applying for research grants, the researcher faces different kinds of problems. Governments are primarily interested in short-term practical research, research councils are very fragmented, and the EU is infamous for its bureaucratic procedures.

### Conclusion

The sessions dealing with Research and Education revealed an interesting distinction in standards caused by different answers to the fundamental questions: What is planning? What do planners do? The distinction can be expressed using many different adjectives, like practical versus academic, specialist versus generalist, ad hoc versus fundamental. Institutional (re)arrangements appear to be the most influential variable in this. Interestingly, when examined more closely, the different institutional arrangements also have a common ground, namely the importance of communication. Different institutional (re)arrangements around Europe ask for both practical skills (techniques of mediating, organising, etc.) and academic knowledge (conceptualising and theorising). This commonality provides a strong basis for joint action by AESOP and ISoCaRP in the fields of research and education.

## 2 WORKSHOP II - EDUCATION AND PRACTICE

chairs: Taner Oc [AESOP], Stefano Wagner [ISoCaRP]

### INTRODUCTION

*Taner Oc*

Planning Practice in Europe has been undergoing significant changes over the past decade. Modernist traditions of planning are challenged by environmental (green) concerns, by different interest groups and by technological changes. The concept of unitary public interest no longer holds its currency and neither do long term plans. Is planning education responding to these changes? Are recent graduates of the European universities equipped to effectively manage the change in the natural and built environment in the 21<sup>st</sup> century? Is planning education still dominated by outmoded attitudes and hence losing its place to other professions? What is the need of the profession for Information Technology and does education provide the graduates with adequate IT skills? These are some of the questions a survey of international planners and educators aimed to answer. Analysis of the results of the questionnaire will be presented for discussion at the seminar. The findings of the survey, and the ensuing discussion, will enable us to understand the emerging needs of the profession and the role planning education needs to play. The questionnaire also elicited information about the continuing professional development needs of the profession and the role played by the education institutions. Continuing professional development is a new challenge for both the practitioners and the educators.

*Stefano Wagner*

*WHAT IS COMING ? Changing perceptions of planning activities*

The ORL Institute organised in February 1996 the seminar "World-wide processes and their influence on the European space", meant to provide a reflection moment on changing rules in European planning. Supported by ISoCaRP, the seminar gave cause also, with the speeches of invited guests on the first day, for some discussion on "what is or could come".

What especially resulted out of the seminar is a quite diversified image of planners and planning activity. Planners as communication managers, close to policy makers but also "pirate and spies", these where the speaker's professional experiences. This should allow us to identify some main patterns of change:

- *The loss of Time and Space (The "World city hypothesis")*

Some main pillars that have constantly signed the professional activity of (physical) planners, like administrative boundaries and timetables, are more and more losing importance in spatial development matters. Technological and cultural changes have widely been responsible also for the reduction in importance of territorial authorities on pursuing territorial planning goals. The acceleration of decision processes in spatial development could be one main influence factors. Public decision making, and therefore traditional planning practice, is overrun by other, mainly private, actors.

- *From Projects to Processes*

Layouts and physical quality elements are often reduced to technical aspects inside decision processes where complexity is one main characteristic. Projects, as traditional result of town planning, can be realised only with wide organisational capacities.

Managing processes, with core capacities in communication and organisation, will become in the future main tasks for planners. But, instruments for these non-physical products are often linked with other professional sectors and quality control mechanism have still to be developed in this field.

- *New Demands and new Skills*

Some of the last ISoCaRP congresses have dealt with changing demand for planning activities (Prague 1994) and new skills (Sydney 1995). Somehow these aspects have to flow in the discussion of Monte Verità in order to provide guiding ideas on future planning education.

#### **NEW NEEDS FOR PLANNING EDUCATION ? Access to knowledge networks**

##### *Inter-regional and culturally differentiated*

Planning is deeply rooted into the specific cultural framework of each European region, depending on historical backgrounds and identities. These leads to different institutional appreciation and differentiated awareness on mechanism of spatial development.

But, specific tasks on regional level are often linked to European processes. This means that planners have to have a capacity to understand also phenomena out of their cultural background being at the same time capable to lead them back to regional specifics.

##### *Basic education (for physical planning) vs. specialised education (in spatial development management)*

It's of no doubt that the gap between the needs of traditional physical and town planning education and the education to cope the new rules in spatial development will grow in future. But, new demands don't necessarily just substitute old ones. Therefore, it's probably worth to debate which different models of planning education can achieve best the different aims of planning practice, distinguishing between (traditional) physical planning and new demands in spatial development management.

##### *Process and Problem oriented education*

It's probably worth to deeply debate on Monte Verità if Academia (as place of knowledge) is today still close enough to practice (as field of action). The educational translation process from (theoretical) knowledge to (practical) action could result a determining key for future education (basic and permanent).

Planning has no laboratories as other scientific branches know: where are the future planning laboratories integrating planning theory and research into action ?

#### **A EUROPEAN PLANNING CENTRE ?**

Out of the above made considerations, it could be that planners that should handle future over-regional tasks in the European development frame, will need some different focus in their education curricula.

Early access to wide networks of professionals, with implementation of communication (technical and cultural nature) could become central for some of the future professionals.

The basic idea of a European Planning Centre could be debated in Monte Verità and more precisely on:

- *European planning tasks*
  - *Education networks for project development*
  - *Flows of information vs. flows of persons (teachers and students)*
- Planning schools      Basic education and research on own experience and background  
 European Planning Centre      Practical project semester recognised in the education curriculum of different European schools  
 Functioning      co-ordination on a network basis  
                          Modern communication tools (no permanent infrastructure)  
                          Ever changing staff (coming from different involved schools)  
                          External projects (commissioned)

## DISCUSSION

rapporteur: Goran Cars

### Questionnaire

In preparation for the Ascona seminar Taner Oc, Matthew Carmona and Steven Tiesdell from University of Nottingham conducted a questionnaire covering AESOP and ISoCaRP (International Society of City and Regional Planners) members. The respondents were asked to consider the important core knowledge, skills and values components for the planning profession. There were 100 responses to the questionnaire (60 from ISoCaRP and 44 from AESOP). Some of the main findings from the questionnaire are summarised below.<sup>8</sup>

*Priorities.* When it comes to priorities in planning education, the assessments of both practitioners and educators coincide to a large extent. For most of the questions the top priorities were identified by both groups of respondents.

*'New issues'.* The respondents thought that 'new' issues and components must be given high priority as they are emerging in planning. Among these for example are, strategic thinking, negotiation, mediation, management skills, and European and trans-national planning.

*Quality of planning education.* From the questionnaire results one can question the 'educators' assessment of their work. For nearly all questions and aspects, their assessment was that the educational performance was of good quality.

The practitioners' assessment of educational quality was mixed. For some issues the assessment coincided with the educators and the quality of education was deemed as satisfactory. For other issues the assessment was that educational performance was poor. It is worth noting that there was no significant difference between the educational components that practitioners consider being of good, satisfactory, or poor quality. Education about traditional and basic skills such as the ability to read maps and plans, knowledge about administrative and government structures, graphic communication, history and the development of planning, and practical skills in plan development, were considered by practitioners to be of good quality. However, for 'new' components emerging in planning education the assessment was that the education was as yet of poor quality.

A conclusion that might be drawn, based on the practitioners' assessments, is that planning education is out of date. Rather than educating planners for the third millennium, schools educate planners in a professional role that to a large extent is old-fashioned. The professional skills given to planners are to some extent obsolete. Even more alarming is that what society regards as the most urgent professional needs are not being addressed in planning education.

### A new role for planning and planners

The discussion in the workshop took its starting-point from the structural changes that have taken place in society during the previous decade, and how they have impacted on planning education and planning. Some features of the changes that are characteristic for European countries are:

*An emergence of new actors on the planning arena:* i.e. business, organised interest groups and the general public are, to an increasing extent, demanding a role in the process that previously was dominated by public sector actors.

*Constrained public resources versus needs:* i.e. for investments in infrastructure and services. To an increasing extent, public budget constraints have made new ways of financing infrastructure necessary.

<sup>8</sup> A paper that provides a detailed description of findings and analysis of these is being prepared. It can be obtained from Taner Oc, University of Nottingham.

services necessary.

- A *changing labour market for planners*: Various European countries report increases in private practise and decreases in public employment.
- A *changing geographical perspective in planning*: Previously planning issues, to a large extent, were local and had at best minor impact on adjacent municipalities and the surrounding region. This does not hold true anymore. Most municipal plans usually have a considerable impact on conditions outside their borders. At the same time the explicit demands for regional and international plans are increasing.
- A *changing ideological perspective on planning*: This ideological change was summarised by participants as a change from 'regulation' to plans being 'enabling'. Until the 1980's, planning was to a large extent a responsibility for public sector actors, and the outcome was a plan to regulate future development. Today, rather than regulating growth, the role of planning is to enable development. Rather than the plan as a document, focus has shifted to planning as a process.
- A *new perspective of the general public*: i.e. as reported from various countries. Traditionally citizens were objects and clients for various services provided by planning. A new perspective has developed in which citizens are seen as actors and consumers. The challenge is for planning to take this analogy of change and to develop planning methods that provide options for the affected citizens.

### **Shortcomings in planning**

In the Workshop discussions it was considered that planning education had responded poorly to these structural changes. A consequence of this lack of adaptation to new realities is that it has contributed to a tarnished reputation of planning and planners.

In the discussion two observations were highlighted by the practitioners:

- a) there is an increasing need for planning; and
- b) planners are not always seen as the most appropriate professionals to deal with these issues.

The increased need for planning was illustrated by the rapid emergence of projects with regional and international impacts. In addition the increased complexity and interrelation between various key issues were mentioned as a new feature of planning. Today's planning has to respond to increasing levels of complexity, and decisions at the local level can substantially impact on regional and national levels, and vice versa. At the same time, there is an increased awareness of the interdependence between development in various sectors of society. Finally, the number of actors in the planning arena has increased. Neighbourhood groups, private corporations, and organised interest groups are demanding the right to be active partners with substantial roles to influence the outcome of the process. In order to meet these demands the role of, and methods for planning must be reconsidered. Planning has to give up the ambition to determine and regulate urban development. Based on the ambition to achieve sustainable development from economic, social and environmental perspectives, the role of planning must be to enable rather than to regulate.

There are various reasons that can explain the scepticism that practitioners have with respect to the competence of planning students. Planning education does not address urgent and 'new' issues on the planning agenda in an efficient way. Nor are the planning students provided adequately with the problem-solving skills required.

This calls for a rethinking and the restructuring of planning education. The following aspects should, according to the workshop, be considered in this work.

### **Practical versus analytical skills**

The first issue that was raised concerned the need for modernising planning education. A typical task 'plan making' was used as an example to illustrate the changes that were considered necessary. It was demonstrated that plan making in various countries was seen as an activity focused on the product, the plan itself. Subsequently, planning education has placed a priority on practical skills. This restricted perspective on planning has led to a reduction of the planners role in the planning process. Several participants experienced a situation characterised by professionals from other disciplines (i.e. geography, economics, sociology, accounting) shaping the content and format of the plan. The roles of planners have been reduced to practical work, making a plan according to decisions already taken, based on the professional expertise of non-planners.

In reformulating planning education, the traditional perspective in education must be widened. The 'product perspective' is not sufficient. The role of planning education must include the process of preparing, negotiating and implementing the plan. This calls for new skills. In order to increase the competitiveness and status of planners, planning education must recognise the necessity to improve analytical and problem-solving skills. It is essential to develop the planners ability and skills in impact

assessment, critical reflection, and generating alternative strategies for action. Thus, raising the ambition to integrate product or process, planning education should have the ambition to integrate analytical skills, with planning as an activity and the plan as a document. Different to the conclusions of the questionnaire, in the discussion it was said that planning education traditionally has paid too little interest about future issues. Advanced methods for forecasting scenario-techniques have to a large extent been neglected. Also, analytical elaboration and changes to values and preference-structures have often been lacking in education. Planning education must seriously address the question: 'how will society look fifty years from now?' Today's planning education must be based on assessing possible scenarios in the economy, employment, mobility, social structures and values in the society of tomorrow. The overall conclusion was that planning schools should emphasise analytical and problem-solving skills to educate thinkers as well as doers.

### Diversity or uniformity

A second focus of the discussion concerned diversity versus uniformity in planning education. Views and perspectives were put forward. In summary, it can be concluded that a majority started from the view that planning education must accept the concepts both of diversity and uniformity. It is obvious that diversity and specialisation are inevitable if planners will be competing with other professionals with other backgrounds. One important reason as to why the role of planners is diminished, according to the discussion, is that planners do not have in-depth knowledge and skills that are required to deal with today's complex planning problems. Often this is not obvious, for example, projects having regional or international impacts, or complex projects that comprise conflicts between various interests at stake, i.e. economy versus environment. However, as pointed out by many participants, diversity presupposes a core that constitutes a common base for all planning education. If this core is vague or non-existent planners will cease to exist as a professional group. Planners will be assimilated and integrated into other professions. Thus the conclusion was that the questions of diversity and specialisation should be responded to in an affirmative way. However, it was also recognised that diversity and specialisation presuppose a common core. It was debated whether this common core should be uniform for all planning education or if there are motives for diversity related to national and cultural backgrounds. This is to be debated. Among skills required in a common planning education core, two kinds were proposed. First, basic skills in plan-making and practical competence are required. However this is not enough. The planner of today obviously requires a different toolbox than yesterday in order to manage the restructured planning process in an efficient way. It is not enough that the planner is a specialist in any one subject area. The planner must be good at identifying and handling complex problems. Projects of today rather often involve social, economic and environmental aspects. Usually there is a tension and contradiction between actors which represents the various interests at stake. This requires professional skills in assessing the impact of a proposed action. Skills in co-ordinating and managing the planning process are required. Management of processes that comprise many parties, multi-faceted problems, weighting of issues, and negotiating calls for different skills than those for handling 'traditional planning'. Further skills are required for decision policy formulation, and for implementation strategies.

## 3 WORKSHOP III - PRACTICE AND RESEARCH

chairs: Max van den Berg [ISoCaRP], Alex Fubini [AESOP]

### INTRODUCTION

*Max van den Berg*

In the 20th century planning has been directed mostly to quantitative growth, to urban development, to space consumption and to a righteous division of space. Spatial planning contributed to social goals like emancipation of the working class and improving social organisation and order. Spatial planning facilitated economical developments. The industrial development evolved and was partially replaced by service and knowledge industries. Increase of mobility was most striking. Rail Transport was over-thrown by the use of cars. Traditional street patterns got the burden of cars. The used planning methods were functional for extensions and process planning was developed for renewal. Now a more strategic and inter-actional planning method is arising to cope with global developments. There is a shift from quantity to quality, from economy to ecology. Political ideologies

are disappearing. For the next decades planning practice has to change fundamentally and has to be directed to quality of life, quality of space and place and sustainability. In either case practice has to improve the quality of planning action. From planners is expected that they are able to reduce uncertainties, deal with dynamic changes, improve efficiency and effectiveness of planning processes, improve management.

Practice needs less policy preparations and more execution (implementation).

Expected tendencies in society related to space are: unforeseen migration; increasing pluriformity; diverging life styles; individual identity; disappearing and rearranging social organisations; new interest groups will arise and will distinguish themselves.

Space consumption will continue to grow, place and space will diversify. The private domain will segment socially and economically. Changing public domain needs permanent redefinition.

- Production and assembling is globalised and will be foot-lose;
- Transportation and distribution of goods, people and information will be very complex and sophisticated;
- Production of information and knowledge develops everywhere.

Production and markets need a lot of space. The demand on space seems endless. Production and work patterns are dispersing and concentrating. No general patterns show up. Dynamic changes, flexibility and pulsing seems the message. Practice topics, issues and themes are (political): facilitating economic development; quality of life; quality of place and space; sustainability; accessibility.

Scale enlargement related to mobility-improvement is definite. The object of planning shifts from town to region.

Translated to spatial scales it means:

- On European scale : Competition between urban regions;
- On regional scale : Strengthening cohesion and structure, sophisticated regional infrastructure; quality of the countryside; the significance of agriculture; nature-development and outdoor recreation.
- On urban scale : Improvement of quality of space; Improvement of facilities and amenities; Health and security; The development of public domain.

Will the developments go to urban concentration, bundling, or dispersion (sprawl)? to growth or stabilisation of growth? or will they go to uniformity or differentiation?

And how to deal with: resource management, stock management and flow management? with social mobility and dynamic change? with the relation between long term and short term; and with reduction of negative effects on environment.

"All" we need is new conceptions, new instruments, new planning practice and new attitudes.

I see four kinds of support research might contribute to help to improve planning action today and for the future;

1. To be critical on planning actions now by analysing empirical.
2. To improve planning methods, management and processes by participating in planning-teams.
3. To participate in inventing new concepts;
4. To contemplate and rethink basic meanings, sense and definitions on space, structure, use, time etc. Are planners and researchers able to develop a new typology on spatial values?

The meaning of place and space, of the object of planning, of time - past and future - will change dramatically in the 3rd millennium

Secure our existence by acting now for later.

Planners have always promised progress and a sunny future.

Let's not make too many promises, but give excellent knowledge and superior interaction between education, research and practice.

*Alex Fubini*

First of all I would to address the question raised by Marcel Bazin, that is "will planning remain a significant activity? Is there any future for planning?" Of course the answer is positive, and the events of the past decade prove to what extent planning is necessary to manage urban and territorial transformations.

Urban policies in a number of European countries highlight the degree of planning the urban market requires to operate effectively. In fact, however paradoxical it may seem, deregulation itself required

strong Government intervention, and can therefore be considered a rather unusual kind of planning activity.

*Planning and Market: a Better Understanding of the Relationship in Research and Practice*

Property is a managed market which could survive without direct and indirect Government control, planning being the main tool. Land use control - prevalently carried out with traditional techniques - underlies each and every planning policy. However, theory appears to have underestimated this feature of local planning and the traditional model has been disregarded by research within Academia.

Land use control is not the only way to measure territorial change. In fact such changes are the outcome of practice entailing a greater interaction among a number of legislative, spatial, economic and institutional features. It is also the result of the interaction between planning trends and the market, the latter not referring exclusively to the property market. Urban markets and urban plans are but two sides of the same coin.

In spite of the above statements being self-evident there is no match between the importance of these relationships and their place in theory: this is one of the key issues we have dealt with when studying the relationship between practice and theory. The situation can be described as follows:

- theory and research remain enclosed in a sector-specific and in separate academic spheres;
- practice tends to progressively adjust to the developments on a case by case approach, without rethinking the situation;
- Universities are caught between a general approach, polytechnic is you like - theory and method-oriented, and a more professionally-oriented approach.

In the 80s, planning difficulties and reorientation meant that the professional nature of education began to be questioned.

Focusing on the relationship between market and planning is a meaningful choice in itself, because of the importance the relationship holds, but also, and above all, because this approach enables us to highlight how physical change interacts with the range of social, economic and cultural phenomena which are the prime cause of spatial transformation.

In the course of this workshop, I hope we shall be able to shed some light on these issues.

*How can Research and Practice Interact?*

One question is: to what extent can research generate the knowledge required to develop more reliable and consistent planning techniques and procedures, and if it can to what extent can they improve on the traditional results?

Another question concerns the professional world: how can it best stimulate the academic research world, so that problems and events can be addressed by theory? How can tools be developed to keep abreast with the faster and faster changes in the social and territorial contexts planning policies have to be applied to?

*Research within Academia (complementary to Max van den Berg's suggestions)*

Planning and research are mutually dependent: their relationships are decisive for the quality of planning expertise and action in society.

If we take a look at our Universities and Schools, we will find one research area which is relatively homogenous, that is to say which is comparable, and that is the area of the PhDs.

The question then is: are PhD courses able to produce 'socially meaningful research', that is to say research that can be used to improve planning practice - that is technical expertise in the framework of a social process? If so, to what extent is this true?

When analysing their finished products, i.e.: theses, we can ask ourselves whether they represent a satisfactory result in terms of the scientific content. Do they also represent a starting point for the practical use of such knowledge?

Currently the transfer of knowledge from research to the professional world is anything but easy or obvious. One wonders to what extent research tends to develop in subject areas far from a planner's daily issues, and whether this trait is inherent to the nature of research itself. This dilemma has not been addressed in the two-pronged approach which currently can be seen in the PhD courses of the European Planning Schools:

1. the traditional model focused on the scientific development of the discipline (research work for a doctorate is not conceived as training in research but as a contribution to the enhancement of scientific knowledge);
2. according to the professional model, a Doctorate is not only intended for a scientific career but also as a means to develop knowledge relevant to non university careers. Is it possible to conceive Doctoral Degrees as widely applied research and development, oriented to the solution of problems related to practice?

### *For Discussion*

I have raised a short list of issues this Workshop can address, leaving it to the participants to decide which specific features are worth discussing in depth and detail. I hope this Workshop will open new inroads to further finalise and more fruitfully orient University research projects so as to match the needs of practice within the market. Likewise, we hope professionals will pinpoint areas of interest for research to Universities.

## **DISCUSSION**

rapporteur: Willem Buunk

### **Introduction**

This third workshop was dedicated to the relation between planning practice and academic planning research. In all three sessions of the third workshop an attempt is made to make the participants clearly play the role either of practitioner or of researcher in the discussion. A first observation that can be made is that many of the participants have difficulty choosing between the distinct sides of the range of planning professions. This can be considered to be exemplary for the many of the participants of the ISoCaRP/AESOP conference. Many participants either have a long-standing career as a practitioner and find themselves now in a teaching and researching position. Many of the academics find themselves after a long-standing career in research and teaching in planning-schools participating in planning action, e.g. in an advisory role. By asking the participants of the workshop to represent one of the two distinctly different types of planning professions, it appeared possible to put the participants face to face as two groups so that some clear statements could be derived out of the discussions.

In the first session, the attempt was aimed at finding out of the participants of what they feel is a top-priority for the future activities of either planning practice or planning research. The second session was concentrated more on the research products, building on what the outcomes of the first session. Practitioners were asked what research products they recently have been using and what issues they would like to have researched. Researchers were asked what their latest research work included and whether they thought that to be of use to practitioners.

### **Two different worlds**

The outcomes of these two sessions were presented in the third session, after which a discussion was set out along the lines of these outcomes. The issues in this discussion mostly concerned the co-operation between the researchers and the planners and their common task. Besides this, the question of what the context of planning will be was discussed and the contribution planning can make.

From the three sessions comes a twofold picture, due to the distinction between what can be called 'two different worlds' of planners. The world of practitioners is a changing world. In this world a planner takes in a new position in changed and ever-changing arena's. And as one of the participants remarks: 'top-priority is planning for people, not stones', there are direct influences on planning action. Planning is complex because people and communities are different. Although practitioners in their professional situation apparently have adapted themselves in their way of working to a new role in the decision-making process, they do express the need for new planning concepts. Practitioners are keen on the need for evaluation of new methods and case-studies of best practices. Practitioners hope to be presented with new information tools and examples of good solutions in comparable situations. Practitioners stress the maintained importance of the core technical task of planning, thereby formulating as main themes mobility, urban infrastructure and sustainable urbanism.

'Planning for people, not stones' also points at the complexity of today's planning practice, in the sense that new scales for planning have emerged. Most practitioners do acknowledge this, but like to stress the prolonged importance of the regional and local level as the most suitable tiers for planning. Future challenges are in the definition of appropriate action at the appropriate level.

Criticism on the own achievements of practitioners concern the lack of attention for ex post evaluation. Due to this, a learning loop in planning practice is missing, which seems more than ever necessary. There is an underestimation of the possible use of practical knowledge for practitioners amongst each other.

Academics see themselves confronted with the situation that an estimated figure of some 90% of academic research is not used, or at least not directly applicable. Academic focus in research is determined by the research situation, in the sense that researchers have to rely on comparative research and case-study research aimed at logical and argumentative testing of hypotheses. Practitioners would rather prefer practical examples from best-case-studies, which would ask for historical testing of hypotheses. The dynamic of research determined by the scientific-methodological impetus leads to an agenda containing research issues for planning and research on planning. Most academics acknowledge that the result, like

much of the research published in the Carfax journals, which is publicly funded research, may not be directly applicable. Yet, researchers stress that universities do programme research according to the needs of society. It is hard enough as it is to gain insight in the ever more complex society, as one of the participants, head of a planning-school, said.

Planning researchers can experience the practical use of their theoretical ideas by participating in planning action. But in general, the possibilities for experiments in planning are limited. Directly funded research or commissioned research is mostly undertaken by practitioners like consultants. Many academics stress that undertaking such research is a possibility, but that difficulties easily occur in upholding academic standards while dealing with the commissioning authorities.

The issues researchers focus on are partly differing from what practitioners propose. Amongst other issues, academics stress the importance of research in what was called the communication problem, related to the effect of planning. Research into this is related to other disciplines, like sociology. In connection to this, attention should be given to learning processes, the use of the Internet in decision-making mentioned by Japanese colleagues and the disappearance of planning in the public domain in Britain, leaving the planner in an affluent changing position with different, e.g. private, actors.

#### **Education can't do it all !**

The debate between practitioners and researchers not only brought forward differences in view between the two planning worlds. As one of the participants said, the perceived lack of common language cannot be a real problem. There certainly seems to be much common understanding of new challenges for planning. In a changing and complex society there is a need for new approaches in practical planning action and in research. New approaches should include both knowledge and skills on the role of planning and planners in the political process and in decision making processes. This means that some understanding of the differences of problems both groups of planners are confronted with and the differences in their dynamic and driving forces.

The role of education as an intermediate is acknowledged between knowledge and action. The third working group focused on other mechanism for interaction like the participation of academics in planning action or the taking on of commissioned research. There are several possibilities to bridge the perceived or existing gaps between the work of planning action and planning research. Above all, a more intensive co-operation and communication between practitioners and academics is desirable in order to make serious efforts in setting a joint agenda for research.

#### **Conclusions**

Considering the wishes expressed by practitioners and academics, the report of the third working group can be concluded with the following recommendations:

- there is need for more communication about, interaction between and participation in the work of the two groups of planners;
- the specific and changed roles and positions that both practitioners and academics have within their own working environment should be defined;
- both academics and practitioners should make their needs and questions more explicit and negotiate them;
- the relation between the practitioners and planners should be explored and stimulated by negotiating their agenda's.

## 5 CLOSING SESSION

chair: Eric Wirén [ISoCaRP]

### 1 MAIN THEMES OF THE WORKSHOPS

rappporteur: Hans Mastop

The chair decided the reports of the workshops should be given in the sequence III, I and II in order to stress that planning practice is - or rather should be - at the beginning and at the end of the cycle practice - research - education - practice (see also the closing statement of the seminar).

Reporting on the main themes of Workshop III: Practice and Research, Willem Buunk [AESOP] stressed that, first of all and in spite of all efforts to prove otherwise, practitioners and researchers still speak their own language, use their own vocabulary and have their own frame of reference. Practitioners have to work in a changing world and have to find new solutions to pressing problems. They are in constant need for new concepts - both for local and regional planning problems; they explicitly pleaded for ex post evaluation studies - did we do a good job? - and all felt that it was difficult to come to some kind of learning process - learning from experience in successive projects: a clear demand for the documentation and dissemination of practical knowledge.

For researchers/academics however, the applicability of their research findings is still a point of great concern. Planning always deals with unique situations. Research more often than not is often based on a case study like approach: both for financial reasons - planning research is not really high on the agenda's of financing institutions - and for reasons that have to do with the need to understand why planning goes the way it does: this calls for "in depth" analysis. So generalisation and transferability of research findings from one situation to the other, which actually is what is done when contributing to "practical knowledge" is by no means easy. Next to that, for academics their research is by no means always unilaterally directed to improve practice - much academic research is done to understand practice. Academic planning research thus has its own agenda and the assessment of much of that research is done by academic standards, to which one has to attune more and more. Planning as an academic discipline then has at least two frames of reference: practice and academia. Nonetheless both practitioners and researchers felt that there were common grounds to improve mutual understanding and to enhance mutual benefit:

- research should always be directed to understand and clarify the political backcloth of any process of planning and the differences in institutional contexts: such research can contribute to the transferability of planning solutions and approaches
- research should pay much more attention to the time-space constraints of modern societies in general and special groups in that society in particular; planners in their turn should be more receptive to these time-space constraints: solutions may not always be found in ordering space - ordering time more often than not proves very fruitful
- given the need for co-operation between practitioners and researchers, their relation is best seen as a LAT relation: *living apart together*, each has its own individual job to do - but at regular intervals they join to do things together: e.g. commissioned research, participation of researchers in real life planning situations, developing a joint agenda for public funding or research, seminars (like this)

Reporting on the main themes of Workshop I: Research and Education, Vesselina Troeve [AESOP] stressed that all participants felt that both research and education should be geared to the development of new kinds of knowledge and skills, especially concerning communication in planning processes and management of projects. As far as communication is concerned the planner-professional is seen as a mediator; (s)he has to mediate between national, regional and local planning issues and stake holders, between the various parties concerned in any planning problem, between the various target groups and constituencies - in which case special attention was asked for generation-specific issues. As far as management is concerned new skills and knowledge are needed for questions like: how do we deal with risk, with chances, with conflict, with time and human, natural, financial and intellectual resources. This plea for new skills and knowledge implicitly indicates that "off the shelf" knowledge and approaches more often than not do not give suitable answers. Situation specific networking was seen as a promising - and perhaps the only - solution to overcome these difficulties. Planning, as well as research and education should be geared to facilitate some kind of continuous education of all participants in the process - politicians, planners, business/developers - and the public in general. Especially in countries with a less well developed (democratic) planning tradition planning has a kind of emancipating task.

As far as specific research topics were concerned, the discussions revealed that quite a lot of the participants to the workshops pleaded for case histories and planning evaluation and impact studies (to learn from the past), research on the intricacies of planning processes as such (what is actually happening when we are planning?), the possible impact and promises of new technologies and the development of some common language (or languages) for all those involved in planning processes. Last but not least attention was asked for how to approach, assess and go about with that difficult, multi-interpretable and contingent concept of "Quality of life" which should be at the heart of any planning endeavour.

Reporting on the main themes of Workshop II: Education and Practice, Taner Oc's [AESOP] first and foremost finding was, that both the workshop sessions and the questionnaire-research amongst representatives of ISoCaRP (the practitioners) and AESOP (the educators) once again had revealed how many differences and difficulties there are in the appreciation of each other's position and in actually knowing what "the other" does. Yet, some conclusions came out:

- education will no longer be adequate if based on the idea of task-related training, i.e. training for a specific kind of job, for specific routines; the practice of planning is much more differentiated than e.g. the specifications of the RTPI let us believe; instead education above all should develop the analytical skills of the would-be planners and their openness, eagerness and abilities to reflect and act on societal questions
- there seems to be no consensus on the question whether planning education does have or should have a common core; the same holds for the question whether or not planning education should develop specialised training and thus foster diversity
- there was consensus however on the fact that educators will more and more have to serve different groups of consumers and that more and more their students will work outside government and outside routine-like jobs; the idea of "a fixed core" of planning education then, however understandable with an eye to accreditation matters, might in due time lead to inertia
- it was commonly felt that project and practice based training is of the utmost importance of any planning education and that luckily most schools are more and more aware of this, i.e. introduced these into their curricula
- as far as substantive issues is concerned, i.e. special fields of knowledge and training that need more attention, both practice and academia felt that the sustainability question ranks number 1 on the agenda; both parties felt that all planners should be more receptive to issues related to sustainability when and where ever these present themselves and scrutinise our systems and paradigms on the question whether or not these are adequate to deal with these issues

## 2 EXPECTATIONS AND REFLECTIONS:

Peter Hall:

### *Pre-seminar expectations*

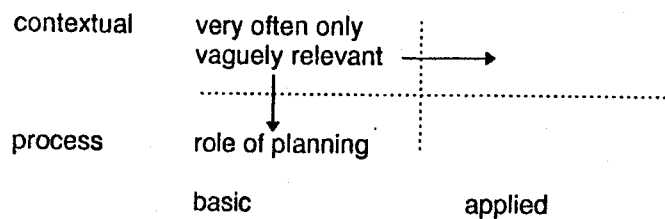
The following points seem to me the central set of dilemmas from which the conference has to start.

1. Planning at the start of the 3rd Millennium has to deal with a completely different world from the one in which many of the basic ways of thought of the profession were grounded, 50 and more years ago:
  - (1) A service-based, information-based economy in which material flows are no longer paramount;
  - (2) A globalised economy in which traditional local advantages disappear;
  - (3) Consequently, a free-flow competitive world in which image and place marketing become increasingly vital;
  - (4) A society increasingly polarised as between a relatively prosperous information-processing middle class (the "symbolic analysts") and a permanently unemployed underclass, with all the social and political tensions that this implies;
  - (5) A partial rejection of the welfare state model established after World War II, notably for housing, but with a unclear notion of what is to take its place.
2. There is a similar set of new challenges in the field of intellectual discourse:
  - (1) Academic education has specifically identified and analysed many of the above trends, but with an increasing tendency to highly abstract formulations derived from philosophical discourse and from the humanities, which appear to have very little relevance to the world of practical decision-making;

- (2) The collapse of the state socialist system of Eastern Europe has left many left-wing thinkers without a coherent system of beliefs or values; there is a strong sense of an intellectual vacuum in the relationship between knowledge and action;
- (3) There is evidence that the intellectual "revolution of the right", so marked in the UK and the USA in the 1980s, has run its course;
- (4) The "Rhineland Model" of capitalism, exemplified in different ways by France and Germany, is equally undergoing huge strains in the recession of the 1990s, exacerbated by the competition to meet the Maastricht convergence criteria.

**Reflections** [rapporteur: Hans Mastop]

Peter Hall stressed that with a view to research it is necessary to differentiate between contextual research - which is more or less relevant to all disciplines, not just planning - and research on the planning process itself. The latter is practised too little (Friend & Jessop's book was a good example). Next to that, one has to differentiate between basic research (set by the disciplines) and applied research (commonly commissioned and done by consultants; often superficial). Crossing these one gets:



Basic contextual research must be made applicable and be more focused on the planning process. Then again, much research has an Anglosaxon bias. Relevant research is done in e.g. German and French and other language speaking countries too. More exchange of research findings is necessary. But above all a constant review is necessary of

- what is/has proven to be successful research ?
- which outcomes are questionable ?
- what is bare nonsense or pure hunch ?

Next to that: one always has to be aware of policy hypes, e.g. cultural urban regeneration or the present sustainability hype.

Education concerning the use of research should train a planner:

- how to acquire relevant knowledge and how to use it
- how to assimilate various forms and bodies of knowledge
- to develop skills to judge the usefulness of knowledge available
- and above all: the role and influence of the politico-institutional context of planning

Education concerning practice should train a planner:

- to relate to a variety of actors - (s)he works for the public in general: one should learn how to engage these in thinking on spatial developments of society; e.g. by gaming/simulation, role-playing
- the ability to make forecasts and judge these critically - planning means thinking ahead; one should not accept superficial 'solutions' - there aren't any
- to be aware of buzz-words; the main concerns in Western Europe do not change that rapidly as some will make us believe - there is much more continuity.

**Derek Lyddon:**

**Pre-seminar expectations**

I have been asked to provide a brief note on my 'expectations' for the seminar. I note that we have been invited not to search for solutions but to identify the right questions and to redefine future roles. In the first place, I hope, in discussing the relationship between the three roles of plan making, research for planning, and teaching of planning we can observe the Geddesian principles of:

- **sympathy** for the other roles and approaches
- **synergy** with them; combining our energies
- **synthesis** the craft of synthesis married to the science of analysis

In addition it would be helpful if some of us have read the proceedings of the 1980 ISoCaRP Congress in Tunis on Planning and Education. This would allow us to assess how our perception of questions and roles has evolved over the last 17 years. In particular I found Sam van Embden's history of the evolution of the 'planning-team' very revealing. He reminds us that originally, there was the 'Principal' (the politician, entrepreneur or client) who was the author of 'the grand design' and final decision maker (exercising the art of governing, meaning to steer) while the planner was the author of the spatial answer to that 'design' (or client requirement as we might now say). 'Each of these two figures, however, finds himself more and more surrounded by a growing number of specialised experts, first assistants, later advisers, finally collaborators'. He concludes 'When dreaming of a present day ideal planning team I would like to see a clear distinction between workers in time (sociologists, etc.) workers in space (geographers, ecologists, engineers) and finally the physical planner as the creator of the definite form....all members of such an ideal team should have a full understanding of the importance and the essence of each other's contribution'.

It would be interesting if some participants had read an update of this 'role review' in a paper on the link between research and urban design by Heide & Wijnbelt of Utrecht University in Vol.1 No.1 of Urban Design, (Carfax). They suggest that 'instead of regarding designers as practitioners who are supplied with knowledge by researchers, it is possible to see design as the study of potential or desirable futures', thus putting the two on a more equal footing.

On education questions, Johnson-Marshall in Tunis, suggested that there should be an obligation on all planners to collaborate with an educational organisation, and he called for 'Planning Centres' for education, research and practice to be set up: noting that in some cases it may be necessary for them to be outside the normal institutional system.

My expectations for the Seminar are therefore that we can come to some understanding of the past evolution of roles, and see how these need to be adjusted to future requirements.

On identifying the right 'Questions' I hope the following might help discussion:

- **The Principal** sets out an answer but does not know what questions will arise
- **The Designer** finds the answer to a question that nobody knew existed
- **The Researcher** answers a question which nobody thought could be asked
- **The Teacher** reformulates any question so that an answer can be given
- **The Planner** finds the right question by testing alternative answers

### **Reflections**

My first reflection is to be reminded of the story of the meeting of top civil servants from all government departments who were gathered in a seminar like this. They were asked "what is it you do when you are 'planning that is different from what you do every day?". They went away and discussed this in workshops in great detail for two days. When they came back they said that after great arguments they had found the answer.

"When we are planning we are being long and deep. Long in looking far ahead in time, into an uncertain future; there will be hostages to fortune, we will be wrong. We don't like that.

**Broad** across all departments and activities of government; this involves co-ordination, persuading somebody to do something they had no intention of doing when they came into the room; we don't like that. **Deep**; concerned with all levels of society; interfering in other people's business; we don't like that"

I tell this story because I wonder whether we have discussed enough the "clients of planning" or indeed recognised the "unpopularity of planning": *it is only noticed when it goes wrong; when it works it goes unnoticed as the natural order, the market working ..... it would have happened anyway.*

It is right to suggest that we have three types of client:

Those who commission and pay us

Those who act on our plans ..... the developer

Those who suffer of benefit from our plans ..... the citizens

We serve the living, the dead and those yet to be born.

As I mentioned in my "expectations", Sam van Embden used the term "principal", the governor who steers the project; the workshops considered the representative of those who are being planned, and the customer and consumer of the environment. Did we hear enough about those "clients" who pay for research and education?

Clearly there are the "clients" who are the initiators of Practice, but should they be more involved in evaluating the results and recording them; passing on experience? Should clients be more involved in Education? ..... did we hear about developers talking to students ..... client based learning? What are the clients Research requirements? Should they be better represented on research requirements committees .... to avoid the charge that research for planning is too self indulgent ..... what the researcher can get published rather than what the client needs? Beyond this, the discussion more than met the "expectations" which I set out in the Preliminary Proceedings:

**sympathy** between the three roles was clearly evident

**synergy** was emerging between science of analysis, dedication of teaching and profession of practice

**synthesis** was discussed as the essential spatial craft which can be learnt, researched and practised.

What emerged strongly was the importance, for all three, of learning from experience or mistakes, by recording relevant examples of plan making and development or conservation of resources; project summaries; case studies; distillation and dissemination of good practice; available on the Web, accessible to all. These "exemplars" should be in Jakob Maurer's Black Box

for education to learn from practice

for research for analysis and review

for practice to benefit from success

and for all three to reduce uncertainty.

All the introductory papers mentioned this issue of uncertainty; things are going to be more uncertain as we move into the next century. Again as Van Embden said some time ago "the future is not what it used to be". Planning is making arrangements for the future [a basic human activity] but if the future is certain, there is no need for planning. So uncertainty is the very life blood of planning. Giving uncertainty, we need a plan so that we have something to alter or adjust.

Do we need therefore to be more skilled in analysing the types of uncertainty? The attached list (see next page) was drawn up by ISoCaRP in 1989, after 25 years of conferences and scanning the reviews in our International Manual of Planning Practice. We need to bring it up to date and contributions would be welcome.

Another way is to be more aware of the possible responses to the future:

**predict and prepare:** the role of government at all levels

**make it happen:** the role of industry and commerce

**wait and see:** the fate of the citizen

Overlaid on this<sup>9</sup> are three types of uncertainty:

in the working environment

we need more information

in values

we need clearer objectives

in related decisions

we need more co-ordination

The seminar as a whole was stimulating with well organised workshops and will lead me to "reflect" for along time. In the meantime I offer the following:

- what are you trying to do and how will you know when you have done it ?
- think the unthinkable but wear a blue suit and tie when presenting the results (and don't have grappa for lunch)
- and (thanks again to Van Embden) we have to learn to plan as if we were not planning. This is more a question of mental attitude than method; more of wisdom than knowledge.

<sup>9</sup> A diagram by Friend and Jessop (1969: Local Government and Strategic Choice). As Peter Hall remarked in his Reflections, this is 30 years old and there has been remarkably little analysis of the anatomy of decision making and taking in the planning field since.

Table: 25 years of towns and cities: a summary of some of the changes

FROM	TO
garden city	inner city
expansion of new development	conservation and renewal
population and employment increase	stability, changes in social structure and our understanding of the future of work
simplistic notion of planning as enlarged architecture	to understanding of the city as a social and economic system
creating and controlling whole environments	accepting diversity and 'the happy accident'
the 'end state' master plan	flexible policy plan
'top down' planning	encouraging self-help initiatives
planning product according to design rules	planning process as the result of participation
control by 'plot ratio'	urban impact analysis
separation of land uses for health reasons	a mixture of uses for social diversity
confidence in the computer and quantitative methods	mistrust of model-based planning
quantitative methods	qualitative concerns
the planners as the only discipline involved in planning	corporate view and product from a wide range of disciplines
the pursuit of exciting but simplistic new images	the discovery of order in existing diversity
industrial technology	electronic technology
cheap energy	expensive energy
central systems	quest for decentralisation
consensus and agreed definitions	roles of experts questioned
municipality provides services	municipality acts as civic entrepreneur
urban governance: worst first	municipal marketing: invest in success

[from ISoCARP, November 1989]

### 3 GENERAL DISCUSSION

rapporteur: Hans Mastop

For most if not all participants the seminar proved to be a very stimulating and fruitful event of exchange of ideas and experience. The seminar also proved to be very successful in creating new and refreshing existing networks between individuals to maintain this exchange and even to join forces to work on specific topics. The *art* and *craft* of networking then and how to go about in fostering it, was central to the final discussions.

First of all it was felt that networking entails both the individual and the institutional.

At the individual level confidence and mutual trust are primordial to any kind co-operation and notwithstanding the differences, personal networks between those working in practice, research and education always exist. These personal networks then are the backbone for any network on the institutional level. The latter always will know elements of compromise and negotiation. Building personal networks next to the arranging new meetings between institutional networks, preferable on more specific topics, might be the way to go ahead.

As information is central to any kind of network the idea to use modern IT for developing a basic network for international contacts between ISoCaRP and AESOP members and individuals to promote the exchange of ideas, to react on these and possibly to join forces to work on specific projects was raised (again) and met with support<sup>10</sup>.

Especially with respect to the co-operation in terms of education, AESOP has already applied for EU funds to engage in a network for improving planning education (exchange of staff, students and joint seminars) especially with a view to international cross border issues in Europe and possible consequences for the curricula of the participating planning schools.

In this respect it was felt that the question of curriculum development, i.e. how to structure learning processes, was felt of the utmost importance for further investigation. For instance, the UK has a

<sup>10</sup> Jakob Maurer restated the willingness of ORL-Institut ETH Zürich to act as a facilitator to set up such an (www/internet) network. Reference was made too of experiments in Tokyo was modern IT equipment is being used to create some kind of virtual planning laboratory to study and experiment the big spatial issues that face societies in the future.

rather general model, based on the idea of a "standard" government planner. Switzerland has the model of specialised planning courses, whereas the USA normally has the so-called "Hightower" model": general + specialised training. Basic questions then are: What kind of different models do the various countries/schools use, i.e. what are the frames of reference for the planners in those countries/of those schools? What are the differences, common elements and especially the "hidden concepts", "institutional arrangements" and contingencies? As education plays a vital role in framing the minds of our future planners, the planning community - both practitioners, researchers and educators - should be much more aware of *how* they frame these minds and *with what*.

And then again, such investigations should definitely not be confined to the well-known planning countries, i.e. countries with a vested and well developed tradition. For tradition is in danger of inertia. Whereas the world is in constant change some of the audience felt that planners sometimes are reluctant to adapt to the huge changes that take place in the global society. Somehow, they still seem to feel as if the model of the "western world" is applicable to all sorts of planning and social circumstances. But it is quite clear that planners in western Europe and "modern" countries might learn from colleagues elsewhere. Especially "self-help" experiments which are now being re-invented there, due to the fact that governments is changing its role, were seen as cases in point (e.g. urban development projects, community development).

A general plea for further events like the seminar, for a possible joint "world congress" in 2000 and for the detailing of practical steps to promote the co-operation between the representatives of ISoCaRP and AESOP of which the seminar had proven to be such a fruitful starting point, was the natural and generally supported closing point of the discussions.

#### 4 CLOSING STATEMENT - EDUCATION, RESEARCH AND PLANNING MADE SIMPLE

Eric Wirén [ISoCaRP]

Everything has already been said. The privilege of the chair: I will take my time. Every planning is a case with a context. I Choose the story of my own life, as it is familiar to me. It is story telling time. I shall also pay a visit to the old Greeks before I return to the seminar. Finally I shall present 'the truth of the mountain'. Please relax, this is going to take some time. If you fall asleep you will be brutally woken up by the truth.

The Island Game - School did not completely kill my creativity, even if we were only allowed to put questions that already had an answer.

University studies - The idea seemed to be that knowledge was produced by research and could be used in practice. But none of my teachers was a researcher, they were all practitioners. But research was the noble art.

After examination I started two things: a private studio and an experimental theatre. One to make money and one to spend it.

I became the director of a research institute. Was free to choose subject and as I was wondering how cars could cause traffic problems and not people, I started a large investigation. In Uppsala every 5th person was questioned. The result showed that people behaved very rationally and that gravity theories and engineer modelling was all madness. The rational behaviour could be well understood by economic sense. But that was understood by research.

Then I was asked to take a chair in urban planning at my former school. In my first lecture I told the students about my Island Game. They asked: "Is that what you are going to teach us - to play?". "No" I answered "you shall all meet reality and work among the people and for them". Disaster! We came close to reality, but it was all theatre, with roles and a script and a stage. I had to rethink.

The students wanted to do case studies. I said "No, no story telling, no uniqueness, in research there has to be theories, hypothesis and thick books in foreign languages".

I believe many of you recognise this. It was a dilemma. The one who helped me to sort it out was Bent Flyvbjerg, a Danish researcher from Aalborg. He told me about the old Greeks.

From Socrates science has inherited the idea that theories are explicit, which means they are not based upon interpretations or intuition; they are abstract, meaning that there is no need for concrete examples; and finally that they are universal, that is valid at any time and place. They are independent of context and the charm of this ideal is the ability to make precise predictions.

This ideal has gained a lot of success in natural science and caused a lot of problems for the social sciences. The problems have to do with the context. If a theory has to be independent of context, then there cannot be such things as social theories or planning theories.

Here Aristotle is willing to help. He talks about three different intellectual virtues which he calls *episteme*, *techne* and *pronesis*.

Episteme (epistemology) - Theoretical knowledge is just one of the intellectual virtues, representing the fixed, that cannot be otherwise.

The second virtue - *techne* - means both art and craft; a productive state that is truly reasoned. It means practical knowledge oriented towards production in a goals and means rationality. It brings about something that was not before. So if episteme is fixed, *techne* is variable.

A third virtue was *pronesis*, which is based upon practical rationality. It is pragmatic and dependent of context, experienced ethics - you may call it wisdom. *Pronesis* concerns "actions with regards to things that are good and bad for men". The point of departure is an analysis of values and their implication for action. Aristotle says: "We consider that this quality belongs to those who understand the management of households or states".

For informatics, architecture and planning and for social sciences *techne en pronesis* are the basic virtues, not episteme. According to Aristotle it makes a difference whether one studies man or things. Social sciences and natural sciences have their strengths and weaknesses along fundamentally different dimensions and cannot be compared on the single dimension of theoretical knowledge.

An applied ethics inspired by *pronesis* should focus on values by means of simple value rational questions like: Where are we going? Is it desirable? What ought to be done? Who gains and who loses? By virtue of which mechanisms of power? What are the possibilities for changing existing power relations, if desirable?

Research should focus on practical activity and practical knowledge in daily life situations. Practical rationality can be considered more fundamental as an object of study than discourse and theory.

So research should focus on case studies and on context, since practices can only be understood in the proper context. Researchers should take their points of departure in **how** questions rather than in **why** questions, in **Verstehen** rather than in **Erklahren**

No practical philosophy can be adequate for our time unless it confronts the analysis of power and how that power operates in our everyday lives. One task is to make the world-at-risk less risky to live in.

As for the seminar, it is only natural that we all drew different conclusions. Some will stress the research approach, some the planners view and others the education and the students. I believe it is right to say that we all came here ready to agree, that

planning research and analytical studies should go alongside planning practice while constantly drawing on it. Similarly, these findings from research and practice should be continuously fed into education and training in the real world. Only then the planning profession can build up a collective memory which reflects a true learning process and may lead to real progress over time.

This was in fact the reason why this seminar was arranged in the first place. Research was given a leading position. Workshop I dealt with research and education; workshop II dealt with education and practice; and workshop III dealt with practice and research.

As you have noticed I changed this order for the presentation of results: *practice was in the beginning as well as in the end*. This is in fact a very meaningful result of the seminar, as well as it creates new problems.

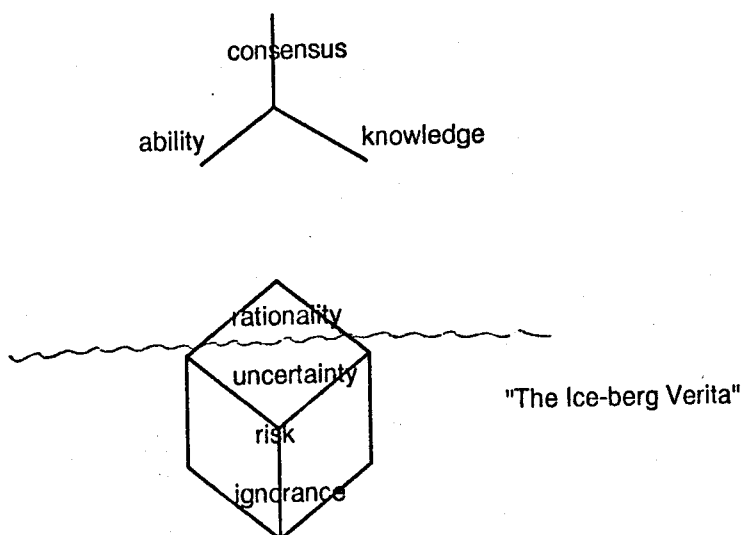
The problem I want to point out is the idea of *planning as a problem-solving activity*. Here we have to make up our mind. And this is the moment of truth.

In Lewis Carroll's wonderful poem "The hunting of the snake" the Bellman says that some sentence has to be said three times before it can be true, but if this happens, then it is true.

Many sentences have been repeated more than three times here, so in fact truth is all around us. But according to Douglas & Wildavsky's cross table (below) *knowledge* and *consensus* must be regarded to differentiate how society can manage risks

		knowledge	
c o n s e n s u s	h	high	low
	i		
	g	technical solutions	practical solutions
	h		
	l	research	ignorance
	o		
	w		

Now when we add *ability* we get a three-dimensional problem. And as we can easily see rationality is - i.e. rational planning approaches are - only the tip of the iceberg.



Finally, words of gratitude.

Thanks to all you participants of the seminar.

Special thanks to Judy van Hemert who made it all work; to Stefano Wagner, the driving force; to Jakob Maurer for offering the network; to Peter Hall and Derek Lyddon for the external examination; and a personal thank to Gerd Albers for coming. He wrote to me and asked for permission to come; my answer was "You please come; we need young people, whatever their age".

Congratulations ISoCaRP and AESOP and many happy returns of the seminar.

## APPENDICES

### Appendix 1 List of participants

- Mr Halük Alatan  
Prof em Dr Gerd Albers  
Dipl Arch Benedetto Antonini  
Prof Sigmund Asmervik  
Mr Alessandro Balducci  
Mr Carlos Bana e Costa  
Mr Hari Baral  
Mr Marcel Bazin  
Prof Ir Max van den Berg  
Prof Mariolina Besio  
Mr Vittorio Borachia  
Mr Laurent Bridel  
Mr Willem Buunk  
Mr Göran Cars  
Ms Margaret Catran  
Prof Manuel L. da Costa Lobo  
Prof Adriana Dal Cin  
Ms Marta Davidova  
Prof em Serge Domicelj  
Mr Alex Fubini  
Dr Yehoyahin Gur  
Mr Peter Hall  
Prof Patsy Healey  
Mr Ernst Heer  
Ms Marilyn Higgins  
Mr Arild Holt-Jensen  
Ir Peter Jonquière  
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<p>The Association of European Schools of Planning (AESOP) was established in 1987. The aim of the organisation is to articulate a European dimension within planning education as part of the process of institutional co-operation and integration within Europe, also keeping in mind the prospect of increasing professional mobility within Europe. The ambition is to foster and enrich higher education in planning across Europe by mutual support, including facilitating dialogue, exchange visits and spread of information and to defend the cause of expanding and enhancing higher education in planning.</p> <p>The key event of AESOP is the annual congress which brings together the broad spectrum of the work of member schools. It incorporates presentations and discussions of papers on planning, planning-related and planning-education subjects. Congresses also include local study visits, business meetings and meetings of special interest groups.</p> <p>In addition to the traditional congress annual AESOP Seminars are organised. The Seminars have a clearly delineated theme, and are modelled on an informal workshop style. The seminars focus in depth on a topic, are limited in size are relevant to AESOP's concerns with developing understanding and education in the planning field within Europe.</p> <p>The AESOP Newsletter is published twice per year and contains information about member-schools, working groups, office-bearers and other representatives. It also provides news of our corporate activities. Information about AESOP is also given in AESOP News Items which are distributed via e-mail.</p> <p>For additional information about AESOP, contact:                      The Secretary General Göran Cars                      Royal Institute of Technology                      Department of Infrastructure and Planning                      100 44 Stockholm - Sweden                      Tel: 46+8 790 79 38                      Fax: 46+8 790 67 61                      WWW - URL is: <a href="http://regplan.kth.se/aesop">http://regplan.kth.se/aesop</a>                      E-mail: <a href="mailto:cars@infra.kth.se">cars@infra.kth.se</a></p>	<p>The International Society of City and Regional Planners is a global association of professional planners. It was founded in 1965 with the objective of bringing together recognised and highly qualified individual planners in an international network.</p> <p>ISoCaRP is a Non-Governmental Organisation officially recognised by the UN, UNESCO and the Council of Europe.</p> <p>The objectives of ISoCaRP include the improvement of planning practice through the creation of a platform for the exchange between planners from different countries, promotion of the planning profession in all its aspects, notably from the point of view of its density, the services for it to function; promoting of planning research; improvement of planning education and training; increase information, awareness and advice, particularly on major planning issues.</p> <p>The key event of ISoCaRP is the annual congress dealing with a topical international planning theme.</p> <p>In addition ISoCaRP is involved in the following activities:</p> <ul style="list-style-type: none"> <li>• seminars, conferences, exhibitions and study tours;</li> <li>• publication of congress &amp; seminar reports and case studies;</li> <li>• workshops and competitions especially for young planners;</li> <li>• publication of up to date comparative material on planning policies, methods, legislation, etc. on every country</li> <li>• representation at major international events concerned with planning;</li> <li>• evaluation of development and trends in planning practice.</li> </ul> <p>For additional information about ISoCaRP, contact:                      The Secretariat - Judy van Hemert                      Mauritskade 23                      2514 HD - The Hague                      The Netherlands                      Tel: +31 - 70 - 346 2654                      Fax: +31 - 70 - 361 7909                      Homepage-<a href="http://www.soc.titech.ac.jp/isocarp">http://www.soc.titech.ac.jp/isocarp</a>                      E-mail: <a href="mailto:isocarp@bart.nl">isocarp@bart.nl</a></p>