Progress Report

of

the European Commission's

Expert Group on the Urban Environment

1993 - 1996

April 1997

# Preface

This Progress Report of the Expert Group on the Urban Environment reflects a four year period (1993-1996), and therefore deviates in style from an annual report.

The first phase of the Sustainable Cities Project runs from 1993 to 1996. Through this Sustainable Cities Project the Expert Group contributes to the principal environmental policy debates and in particular to sustainable urban development. The purpose of this Progress Report is to ensure that the activities of the Expert Group on the Urban Environment are controlled and accountable.

# Introduction

This introduction reflects the aim and structure of the Expert Group on the Urban Environment and the elements of the Sustainable Cities Project.

# The aim of the Expert Group on the Urban Environment

In 1988 several European cities, supported by the European Commissioner for the Environment Carlo Ripa di Meana, expressed their concern that due to an overwhelming interest from the European Commission in rural areas, urban areas were lacking attention. This resulted in the European Parliament adopting a resolution in December 1988, asking the European Commission to develop a Green Paper on the Urban Environment.

In 1990 the Green Paper on the Urban Environment was published by the European Commission. Early in 1991 the Council adopted a Resolution in which it recongnised the importance of the Green Paper and invited the Commission to establish an Expert Group of national representatives and independent experts to examine the following :

- to consider how future town planning and land use strategies can incorporate environmental objectives;
- to advise on how the Commission could develop the urban environment dimension within Community environment policy; and
- to consider how the Community could further contribute to the improvement of the urban environment

# The Expert Group on the Urban Environment

Early in 1993 the Expert Group on the Urban Environment decided that in the short term it could best contribute to improvements in the urban environment by fostering a wide ranging exchange of experience and the distribution of evidence of best practice regarding sustainable development at a local level.

These exchanges might result in the formulation of recommendations with which to influence policy from local levels to that of Union and Member State, as called for in the Council Resolution. The principal environmental policy debates now focus upon sustainable development and in particular, upon sustainable urban development. This was emphasised at the European Community level in 1992, by the Treaty of the European Union, followed in the same year by the 5th Environmental Action Plan. At the 1992 United Nations (Rio) Conference on Environment and Development, the decision was taken to formulate Agenda 21.

In a move to join and to have some influence within the urban sustainability debate, the Expert Group and the European Commission's services together launched the Sustainable Cities Project. The first phase of the project ran from 1993 to 1996 and for the Expert Group the focus was on the development of the European Sustainable Cities report and its distribution.

The Expert Group on the Urban Environment is composed mostly from representatives from the Ministries of the Environment from each Member State of the EU, and from a range of European and international organisations with an interest in urban issues. These include: the Council of Europe; the Council of European Municipalities and Regions (CEMR); Eurocities; the European Academy for the Urban Environment; the European Foundation for the Improvement of Living and Working Conditions; the International Council for Local Environmental Initiatives (ICLEI); the Organisation for Economic Co-operation and Development (OECD); the United Towns Organisation (UTO) and the World Health Organisation (WHO).

A number of other organisations attend as observers. All relevant Directorates General of the European Commission are also represented in the Expert Group.

#### The Sustainable Cities Project

To achieve their aims, the Expert Group, working together with the Directorate General for the Environment (DGXI), adopted a twofold approach towards sustainable cities.

- The Sustainable Cities Report, oriented toward accruing knowledge about sustainable cities e.g. within the working groups; and
- The European Sustainable Cities & Towns Campaign to offer support and to communicate the Project to municipalities.

#### Aims of the Sustainable Cities Project

The principal aims of the Sustainable Cities Project are:

- to contribute to the development of sustainability awareness in European urban settings;
- to foster a wide ranging exchange of experience;
- to distribute case descriptions of best practice examples in respect to sustainability at local levels; and

in the longer term, to formulate recommendations with which to attempt to influence policy from regional and local levels through to European Union and Member State, as called for in the Council resolution of 1991.

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#### Working method: Working Groups and Technical and Scientific Support

In its plenary meeting of 8 March 1993, the Expert Group adopted the proposal to create thematic working groups in order to develop the specific chapters of the Sustainable Cities report. After the succesfull development of the material for the first report, in 1994 two additional structural working groups were created: the Core Group and the Dissemination Working Group.

The Core Group, in cooperation with DGXI, has the task to prepare and agree upon the Expert Group's work programme and the execution thereof. Their tasks also include:

- to discuss proposals given by the project manager from DGXI;
- how to structure the developmental activities;
- to develop proposals for decision at the plenary meetings; and
- to prepare the tasks to be executed by the Technical and Scientific Secretariat.

Members of the Core Group were regularly asked to represent the Expert Group at conferences and events. The Core Group comprises the Chair (Prof. C. Fudge) and the two Vice-Chairs (Madame N. Sougareva and Prof. Dr. R. Smook) of the Expert Group. The meetings of the Core Group are chaired by the project manager of DGXI (E. den Hamer), the first meeting was in August 1994 and it has met regularly since then.

The Dissemination Working Group has the task to formulate proposals with regard to the distribution of reports and other material from the Expert Group. The group comprises representatives from Ministries of the Environment, various independent organisations, and the project manager of DGXI. Since its inauguration in December 1994, this group has concentrated on the further development of the "good practice" cases, devised in accordance with the first report. This lead to the proposal to develop the Good Practice Database on the Internet as a modern service for its potential users. DGXI took over this proposal and invited EURONET, ICLEI and the European Urban Environment Academy (EUEAC) to put forward their proposition.

In order to support the activities of the Expert Group, a technical and scientific secretariat was created in 1992, after a call for tender from the DGXI. The task of the Technical and Scientific Secretariat is to develop discussion papers and materials on request, and to provide support with the organisation of meetings and events. This was carried out by Beture Setame from August 1992 - August 1994 and since September 1994 the task was performed by EURONET. During the period of 1993 - 1996, the EUEAC supported the Technical and Scientific Secretariat in the drafting and editing of the first Sustainable Cities Report, providing the Secretariat of the Dissemination Working Group and of the organisation of the roadshows.

Members of the Expert Group, the different working group divisions and observers are listed and presented in the appendices annexed to this Progress Report.

#### The European Sustainable Cities & Towns Campaign

The European Sustainable Cities & Towns Campaign was launched at the first European Conference on Sustainable Cities & Towns (Aalborg, Denmark, 1994), by signatories of the Aalborg Charter. The work of the Campaign provides the link between the policy work of the Expert Group and the practical efforts of local governments. The Campaign can be seen as a mechanism to raise awareness of the sustainable local community, providing assistance to local authorities in the creation of long-term action plans towards sustainability. The Expert Group and the Campaign actively contribute to the preparation of conferences, such as the Lisbon Conference (the second European Conference on Sustainable Cities & Towns), and other activities to promote the concept of sustainable development.

The co-ordinator of the European Sustainable Cities & Towns Campaign participates as observer in the Expert Group and will keep the experts informed about new events and developments. Vice versa, the chair of the Expert group participated as an observer in the meetings of the Coordinating Committee of the Sustainable Cities and Towns Campaign. This committee is independent from the Expert Group and is chaired by the City of Aalborg.

#### Products of the Expert Group on the Urban Environment

The first Sustainable Cities report, published in October 1994

During the period of 1993-1996, in meetings, plenaries, and in specialist working groups, discussions took place to elaborate upon the principal aims of the Expert Group to be achieved with the Sustainable Cities Project. At the outset it was agreed to prepare the Sustainable Cities Report in two sections:

- a policy overview report; and
- a more detailed description in the report of the "good practice cases" as presented in a "good practice guide"/database.

As the policy overview section would present the principles, this part of the report would be for the long term, whereas with the "good practice case descriptions" the expectation was that the quality and number of cases would increase over the years to come, data would continually be replaced and updated. In order to test the Sustainable Cities report, the first report and a "good practice guide" were made available for discussion at the first European Conference on Sustainable Cities and Towns, held in Aalborg in 1994.

At the plenary meeting in October 1994, the Expert Group agreed on the text of the first Sustainable Cities Report, after taking into account various input from the conference participants. This report has been translated into eight European languages and integrated into the final report.

# The final report 'European Sustainable Cities', published in October 1996

During the period late 1994 to early 1996, the Expert Group developed additional chapters to the first report (working groups V-IX) and the draft text for the final report.

After consultation, all text proposals were discussed and agreement was reached on the text of the final report. This report was called "European Sustainable Cities", and was launched at The Second European Conference on Sustainable Cities & Towns in Lisbon. The report focuses on the application of the concept of sustainability to urban areas. It concerns various aspects of urban settlements on different scales. It also embraces the question of the sustainability of urban regions and of the urban system as a whole.

In the view of the Expert Group, the principles of sustainable development and the mechanisms with which to pursue them are applicable through all levels of the settlement hierarchy. The report has an institutional as well as an environmental focus. It is concerned with the capacity of local governments to deliver sustainability. It recognises the importance of capitalising upon the good general management practices which are now becoming increasingly more characteristic of local government in Europe. The report addresses a wide audience.

Over the period 1993 - 1996 much of the work of the Expert Group was acheived from within working groups of experts established to focus upon specific topics and themes. The report is based substantially on the work of the following working groups:

- integration;
- mobility and access;
- planning and public spaces;
- dissemination;
- social sustainable systems;
- leisure, tourism and the quality of the built environment;
- technical management of cities;
- holistic urban management;
- urban regeneration.

The report is an official publication of the European Commission. The English edition is printed and illustrated. At the Lisbon Conference summaries of the report targeted at Local Authorities and at European Union Institutions were distributed in photo-copied version.

# **Good Practices**

# **The Good Practice Guide**

As explained earlier in this report, the purpose of the "good practice" section of the report was to describe the examples and case descriptions in more detail than would be possible in the

policy report. By adding an address to each example from where more information could be obtained, a real means of help in self help for local authorities would have been created.

### The Good Practice Guide - Experimental Version

To illustrate the discussions developed within the European Sustainable Cities report, a Good Practice Guide with concrete examples of action undertaken by local communities of the European Union was prepared by Beture Setame. Based on comments at the first Sustainable Cities and Towns Conference, the DGXI added an index system and the selection criteria per case were clearly presented.

The criteria taken from information in the first report were:

- the innovative nature;
- applicability;
- the right territorial scale and institutional framework for the issue(s) addressed;
- transferability;
- public participation; and
- contribution to the development of carrying capacity indicators.

The guide indicates there are great differences between different European cities in terms of the scale of projects, their location, the predominant function of the city, and the themes considered. The Good Practice Guide was published in conjunction with the October 1994 Sustainable Cities report in English and French.

# Databases

Based on a proposal from the Dissemination Working Group, the Expert Group asked the DGXI to make financial resources available for the further development of the "good practice" cases. By the end of 1994 ICLEI, the European Urban Environment Academy and the Expert Group started to develop ideas on how to bring their different materials together in order to develop one type of comparable data, thereby avoiding the overlapping of initiatives and resources.

The option was also to test the effectiveness of the different ways of dissemination (paper, floppy disk/CD-ROM, Internet) to reach local authorities in Europe. Based on their training courses, the European Academy for the Urban Environment developed a "Good Practice Information Floppy Disk", which was released in December 1996. In October the database Local Sustainability Good Practice Information System, developed by EURONET and ICLEI, was available on the internet and was launched at the second Conference on Sustainable Cities and Towns in Lisbon. This "Good Practice" database contains 78 case studies and is available in English and is partly available in French and German. Based on material received from Eurocities, Sustainable Cities Campaign participants, ICLEI and the Expert Group on the

Urban Environment, EURONET and ICLEI developed the case format and then evaluated 60 cases.

WHO used the case format in order to describe its cases. These databases of good examples are designed both to support the development of innovative approaches to urban sustainability and to facilitate the transfer of experience and good practice solutions. In 1997 they will be merged together. Local authorities can consult the databases to obtain ideas for urban sustainability projects in their own community. They can also learn from each others experiences, such as barriers encountered, conflicts arising, and lessons learned. They will also find examples of the necessary instruments, finances and resources used, results and impacts, et cetera. The "good practice" databases will provide a link between policy and action.

#### Roadshows

In spring 1996 a series of roadshows was organised in four Member States. The purpose of these roadshows is the dissemination of knowledge and experiences with sustainable development by presenting the first Sustainable Cities Report outcome. Roadshows emphasize the engagement of the Expert Group and local communities for sustainable development. The European Academy on the Urban Environment in Berlin has now developed a concept to organise this event in the future and this can be received upon request.

### **Keeping LIFE alive**

The financial instrument LIFE is intended to promote and demonstrate models of behaviour consistent with sustainable development in a policy context provided by the Fifth Environmental Action Programme.

LIFE fields of action most relevant to the Sustainable Cities Project are:

- promotion of sustainable development and the quality of the environment;
- education and training; and
- actions outside the EU, including the provision of technical assistance for environment policies, action programmes and technology transfer.

The Expert Group strongly supported the continuation of this financial instrument in the discussions at the end of its first "life cycle".

# **Car Free Cities Network**

The Car Free Cities Network is an association of European cities and towns working towards reductions in urban passengers and goods traffic and transport. The vice chair of the Expert Group Prof. Dr. R. Smook participated in the Management Committee meetings of this

network in order to help to set up the network and to maintain a link with the work developed by the Expert Group.

## Highlights in field of urban sustainability

In the last four years, the Expert Group has been intensively involved in many of the events in Europe which focus on the development and dissemination of knowledge and experience regarding sustainable development in urban areas and aimed at those who can make urban sustainability happen. The main events were:

- the European Conference on Sustainable Cities & Towns, held in Aalborg, May 1994;
- the adoption of the Aalborg Charter;
- the Second European Conference on Sustainable Cities & Towns, held in Lisbon, October 1996; and
- the adoption of the Lisboa Action Plan.

# The European Conference on Sustainable Cities & Towns, held in Aalborg, May 1994

From 25-27 May 1994, a three day Conference took place on Sustainable Cities in Aalborg (Denmark) in order to bring together interested local and regional authorities for discussions related to the development of network activities as well as the exchange of information. More than 600 representatives from cities throughout Europe and their respective members from their National Governments were present. Representatives also attended from the European Commission, from research institutes and non-governmental organisations from thirty European and four non-European countries. They all gathered and discussed (among other items on the agenda) the final draft of the first Sustainable Cities report and the draft of the Good Practice Guide of the European Commission's Urban Environment Expert Group. The drafts were distributed amongst delegates for discussion and consequent adoption of the final European Charter of Cities and Towns Towards Sustainability. The European Sustainable Cities and Towns Campaign was launched.

The nucleus of the conference was a programme of 36 workshops which actively involved over 170 people. Members of the Expert Group were actively involved in the running of the workshops and the discussions around the draft charter. The Expert Group along with twenty different companies, organisations and represented cities, made presentations at the 'Market Place' of the conference. The conference ended with the underwriting of the "Aalborg Charter".

# **The Aalborg Charter**

The year of 1994 will be remembered as one of the most important in the history of the Expert Group on Urban Environment. It became clear that the Sustainable Cities message was fully supported by many local authorities. A small working group, working in co-operation with the conference organisers, developed a draft for this charter (December 1993 - April 1994). At the

conference the final text was adopted by acclamation and then with the signing of the charter by 80 different municipalities, the Sustainable Cities and Towns Campaign was launched.

# The Second European Conference on Sustainable Cities & Towns - held in Lisbon, October 1996

From 6th to 8th October 1996, a three day Conference took place on Sustainable Cities in Lisbon (Portugal) in order to exchange experiences with Local Agenda 21 and similar processes as well as the exchange of information about projects and plans, and to report on the implementation of sustainable development. A working group from the Expert Group was involved in devising the conference programme, concentrating mainly on the presentation of the final Sustainable Cities report within the relevant workshops.

Approximately 1.000 participants from cities throughout Europe and their respective members of National Government were present as well as preresentatives from the European Commission, research institutes and non-governmental organisations. They gathered to discuss the Lisboa Action Plan, the implementation of Local Agenda 21 and similar processes and the final European Sustainable Cities report of the Expert Group. The nucleas of the conference was a programme of 26 workshops. Approximately 50 companies, municipalities and organisations introduced themselves at the 'Market Place', in which the Expert Group's local authority representatives and the European Commission's Services participated.

# The Lisboa Action Plan

The Lisboa Action Plan was launched at the Lisboa Conference. It focused on implementing the principles set out in the Aalborg Charter, the starting up and the undertaking of Local Agenda 21 and similar processes, and the implementation of the local sustainability plan. The local authority network members of the Expert Group actively participated in the development of the draft of this Plan. At the end of the conference, the participants endorsed the "Lisboa Action Plan - from Charter to Action".

# The 1997 Work programme

Despite these impressive achievements resulting from the work of the Expert Group, still a lot more work needs to be done if European sustainable cities are to become a reality. After the first phase of awareness raising of local authorities, the second phase can now start, in which other actors at a local level will be involved. The Expert Group therefore adopted the following work programme for 1997:

- publishing the European Sustainable Cities report in all official Union languages;
- publishing an executive summary of the report in all EU languages;
- publishing summaries of the report targeted at local authorities and at European Union institutions;

- preparation and publishing of summaries of the report targeted at the private sector and at citizens and non-governmental organisations;
- implementation of the Lisboa Action Plan;
- campaigning and awareness raising;
- updating the good practice database/guide;
- preparation of a sustainable design brief;
- preparation of an urban management paper;

. . . and many more activities supporting a sustainable development in Europe's cities and towns.

# **APPENDIX TO THE PROGRESS REPORT - MEETINGS AND ACTIVITIES**

Overview Urban Environment Expert Group Plenary Meetings 1993-1996

- nr. 6 8 March 1993
- nr. 8 29 September 1993
- nr. 9 8 December 1993
- nr. 10 14/15 April 1994
- nr. 11 27/28 May 1994
- nr. 12 19 September 1994
- nr. 13 9 December 1994
- nr. 14 12/13 June 1995
- nr. 15 13-14 November 1995
- nr. 16 13 March 1996
- nr. 17 13 December 1996

# 8 March 1993:

- Discussion project proposal Sustainable Cities;
- Creation of Working Groups and Workprogramme;
- Election of the chair;
- Athens project;
- Cooperation OECD/DGXI;
- Berlin Academy.

# 29 September 1993:

- Election of the chair and vice-chairs;
- Outcomes of working groups, structure, editing and finalising the report;
- Creation of the Sustainable Cities Network;
- Cooperation with the Urban Environment Academy;
- Car Free Cities Conference;
- LIFE projects 1992.

# 8 December 1993:

- Sustainable Cities report;
- Best Practice Guide;
- Workprogramme;
- Car Free Cities Conference;
- Sustainable Cities Conference, working group Sustainable Cities and Towns Charter.

# 14/15 April 1994:

- Sustainable Cities report: draft;
- Aalborg Conference: workshops under the Expert Group's responsibility;
- Workprogramme;
- Car Free Cities Conference outcomes;
- Urban initiative;
- Profile of the Group.

# 27 May 1994:

- Review Conference;
- Sustainable Cities report 1993/1994: comments and finalisation of the report;
- Dissemination of the report and good practice examples;
- Conference follow up: charter and campaign;
- European Cyclists Federation;
- Workprogramme;
- Profile of the group.

# 19 September 1994:

- Introduction new Scientific and Technical Secretariat;
- Sustainable Cities Report: update on activities, timeschedule;
- Final draft Good Practice Guide Beture Setame;
- Sustainable Cities Campaign: overview Global Forum Conference; campaign coordination; role Expert Group; progress and activities countries members in relation to Local Agenda 21 and follow-up Aalborg Conference;
- Database Good Practice Guide: comments and suggestions, updating material;
- Proposals Work Programme 1994-1995.

# 9 December 1994:

- State of affairs Policy Report;
- Good Practice Guide: Beture Setame handed over case studies;
- Brief presentation on conference 'Towards a new development approach (Delors II)';
- Sustainable Cities Project: work programme for Working Groups in support of part two Policy Report;
- State of affairs Sustainable Cities Campaign;

# 12/13 June 1995:

- Policy Report: time/schedule procedure;

- Good Practice Guide: state of affairs development Information System;
- Announcement progress notes 'Activities Sustainable Cities Campaign', 'Work other International Institutions/Organisations', 'Review 5th Action Programme';
- Workprogramme 1996.

# 13/14 November 1995:

- Update by DGXI on situation Technical Secretariat of Urban Environment Expert Group;
- Review 5th Environmental Action Programme and future action on Urban Environment;
- State of Affairs Final draft Sustainable Cities Report;
- State of Affairs Good Practice Guide: comments/assistance;
- Preparation Target Group Summaries Policy Report;
- Update Sustainable Cities Campaign;
- Sustainable Cities Conference Lisboa: creation working group/ position Expert Group;
- Workprogramme 1996.

# 13 March 96:

- Members were asked to prepare a summary paper on progress towards sustainability in their countries, using the framework/key messages of the Policy Report to identify successes and barriers.
- Progress roadshows Helsinki and Lisboa.
- Presentation of White Paper on Europe and Architecture Tomorrow.
- Brochure HABITAT II Conference Istanbul.
- Progress preparatory work 2nd Sustainable Cities Conference Lisboa.
- Sustainable Cities Campaign: successful start implementation of specific projects.

# 13 December 1996:

- Future Workprogramme (Future of the Expert Group; Future Work)
- Demonstration database.

# **Overview Core Group Meetings 1993-1996**

26 February 1996 19 November 1996

# 26 August 1994

- Workprogramme 1994/1995;
- Finalisation first report, conclusions;
- Development additional chapters for the report;
- Working group structure, coordination; and
- Quick response working group.

# 11 October 1994:

- Policy Report: status; first-second report;
- Workprogramme 1995;
- Working Groups.

# 4 July 1995

- Workprogramme and timetable
- Finalising the report
- Start of the preparation of the Workprogramme 1996

# 24 October 1995

- Amendments to the Draft Final Report
- Preparation of the meeting on 13/14 November

# 21 November 1995

- Formulation of conclusions of the Final Report

# 4 December 1995

- Preparation meeting for the 2nd Sustainable Cities Conference in Lisboa.

# 5 February 1996:

- State of affairs Policy Report;
- State of affairs Target Group Summaries;
- Good Practice Guide and Database;
- Habitat II: preparation brochure;
- Lisbon Conference: involvement workshops and assistance Technical Secretariat;
- Presentation Roadshows;

- Network Projects.

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# 26 February 1996:

- Comments final Policy Report;
- Lay-out proposals Report;
- Update on Lisboa Conference, Habitat II, Campaign.

### 19 November 1996:

- Reactions final Policy Report.
- Translations Policy Report.
- Lay-out Executive Summary Policy Report + translations.
- Lay-out/translations Policy Summaries for Local Authorities, EC, NGOs, citizens.
- Future activities Expert Group.

#### **Overview Working Group Meetings 1993-1996**

#### Planning and Public Spaces Working Group I

27 April 1993
 2 June 1993
 20 July 1993
 9 September 1993
 27 October 1993

# **Mobility Working Group II**

21 April 1993
 03 June 1993
 21 October 1993

# Integration of the Urban Environment into the 5th Environmental Action Programme Working Group III

6 May 1993 3 June 1993 14 July 1993 16 November 1993

# **Dissemination Working Group IV**

#### Social Sustainable Systems Working Group V

19 January 1995 10 March 1995

# Built Quality, Urban Design and Townscape Working Group VI

19 January 1995
 10 March 1995
 12 June 1995

# **Technical Management of Cities Working Group VII**

9 December 199419 January 19958 May 199512 June 1995

# Holistic Urban Management Working Group VIII

19 January 1995 23 March 1995

# Urban Rehabilitation - Renewal/Derelict Land Reclamation Working Group IX

18 January 1995 8 May 1995 17 May 1995

# **Overview members of the Expert Group on the Urban Environment 1993-1996**

Over the period 1993 - 1996 the Expert Group has included the following members as national representatives and independent experts (at the end of each name is indicated which working group(s) have been attended by each person):

ARCHIBUGI Franco - Representing the Ministry of the Environment, University of Naples, Italy ARIAS Felix - Ministerio de Obras Publicas, Transportes y Medio Ambiente, Spain BECK Juergen - Bürgermeister, Landeshauptstadt, Stuttgart, Germany (II) BERIATOS Elias - Ministry for the Environment, Physical Planning and Public Works, Greece (III, V) BERRINI Maria - Lega per l'Ambiente, Italy (IV) BONNEFOY Xavier - World Health Organisation - Regional Office for Europe, Denmark BOUCA FERREIRA Antonio - Camara Municipal de Evora, Portugal

CATLLA Josep - Conseil des Communes et Régions d'Europe (CCRE-CEMR) (IV)

CHATZIMIKES Fotis - Representing the Ministry of the Environment, Organisation of Planning and Environmental Protection of Athens, Greece

CLINI Corrado - Servizio I.A.R., Direttore Generale, Ministero dell'Ambiente, Italy

CORRAL SAEZ Carlos - Ministerio de Obras Publicas, Transportes y Medio Ambiente (VI)

COX Annemartine - Ministerie van Volkshuisvesting, Ruimtelijke Ordening en Milieubeheer, the Netherlands

CRONIN Michael - Department of the Environment, United Kingdom (VIII)

CROONENBERGHS Jef - Conseil de Communes et Régions (CCRE-CEMR), Belgium (IV)

DE LOURDES POEIRA Maria - Direcçao Geral do Ordenamento do Territorio (SEALOT/MPAT), Portugal (IV)

DE VRIES Yvonne - Min. van Volkshuisvesting, Ruimtelijke Ordening en Milieubeheer, the Netherlands

FELTGEN Jean-Paul - Ministère de l'Environnement, Luxembourg

FUDGE Colin - University of the West of England, United Kingdom (Core Group, III)

FRISCHMANN Doron - Conseil des Communes et Régions d'Europe (CCRE-CEMR), Belgium

GASPARINNI Guiliana- Servizio I.A.R., Direttore Generale, Ministero dell'Ambiente, Italy GONCALVES Bertilia - Direcçao Geral Qualidade do Ambiente, Portugal (VII)

HARTOFT-NIELSEN Peter - Miljo- og Energiministeriet, Spatial Planning Department, Denmark (II)

JURIN Jean-Pol - Adjoint au Maire charge de l'environnement, Nancy, France (II)

KALLMAYER Herbert - Vertreten der Länder, Bayerisches Statsministerium des Innern, Germany (I, II, IX)

KEMPENEERS Serge - Institut Bruxellois pour la gestion de l'Environnement Belgium (III, IV, VII, IX)

KLEIBER Wolfgang - Bundesministerium für Raumordnung, Bauwesen und Städtebau, Germany (III)

KONUKIEWITZ Manfred - Bundesministerium für Raumordnung, Bauwesen und Städtebau, Germany

LAMONI Giuliano - UNICE/Dl. FIAT Europe, Fiat Spa, Italy (II)

LANGSCHWERT Gabriele - Bundesministerium für Umwelt, Jugend und Familie, Austria (IV, VIII)

MARIANOU Eleni - Eurocities (IV)

MATTHEWS Finian - Department of the Environment, Urban & Rural Development Selection, Ireland (IX)

MESSING Susanne - Bundesministerium für Raumordnung, Bauwesen und Städtebau, Germany

MILLER Michel - Confédération Européenne des Syndicats, Belgium (V)

MONTANARI Armando - European Bureau of Environment, Italy (III, VI)

NIELSEN Carl - Municipality of Aarhus, Denmark

ONCLINCX Franoise - Institut Bruxellois pour la gestion de l'Environnement, Belgium (VII, IX)

OTTO-ZIMMERMAN Konrad - International Council for Local Environmental Initiatives, Germany (IV)

PENTTILÄ Hannu - Ministry of the Environment, Land Use Department, Finland (VIII)

PONS Anne - United Towns Organisation, France

PRICE Charles - World Health Organisation, Regional Office for Europe, Denmark

RUEDA PALENZUELA Salvador - Generalitat de Catalunya, Dept. de Medi Ambiente, Spain (IV, VIII)

SEGURA SANZ Rodolfo - Ministerio de Obras Publicas, Transportes y Medio Ambiente, Spain (I, IX)

SMOOK Roger - Delft University of Technology, European Council of Town Planners Representative, the Netherlands (Core Group, II, VI)

SOUGAREVA Nedialka - Ministère de l'Environnement, Direction Nature Paysage, France (Core Group, I, VI)

STEVENS Katherine - Eurocities, Belgium (IV)

TROEDSON Ulf - Boverket, Division of Urban Management, Sweden (V)

TSOUROS Agis - World Health Organisation - Regional Office for Europe, Denmark

VAN DE VEN Anthony - Eurocities, Belgium (IV)

VONHOFF Lubbert-Jan - Eurocities Environment Committee/Gemeentewerken Rotterdam, Afdeling Milieu Beleid, the Netherlands

ZETTER John - Department of the Environment, United Kingdom (VIII)

# The following oberservers were involved:

BAUMER Michel - Conseil des Architects d'Europe
BONESMO Astrid - Ministry of the Environment, Norway
BRICKWELL Ditha - Ministry for Urban Development and Environmental Protection
DE MICHELIS Nicola - OECD (VII)
GARMAN Julia - European Parliament, Office of Anita Pollack MEP
GLOMNES Kjell - Norwegian Mission to EC
HARDING Gareth - European Parliament (I)
HARTLEY Richard - Conseil de l'Europe
KONVITZ Josef - OECD - Territorial Development Service Urban Affairs Division
KUTSCHER Sanne - Sustainable Cities and Towns Campaign (IV)
MEGA Voula - European Foundation for the Improvement of Living & Working Conditions (VIII)

PAYNE Anthony - Sustainable Cities and Towns Campaign, Belgium SAGNE Alain - Conseil des Architectes d'Europe SINGELSMA Sybren - Comité des Régions

Observers to the Expert Group include a national representative from Norway, a representative of the Ministry for Urban Development and Environmental Protection in Berlin, and representatives of the following international organisations:

- Committee of the Regions
- Council of Europe
- European Cyclists' Federation
- European Foundation for the Improvement of Living and Working Conditions
- European Parliament
- European Sustainable Cities & Towns Campaign
- OECD (Organisation for Economic Co-operation and Development)

In addition, the following individuals have participated in the work of the Core Group or working groups:

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