

The Implementation Status of Local Agenda 21 in the Municipality of Pavia

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² The views expressed in this document do not necessarily reflect the views of the European Commission and the Swiss Agency for Development and Cooperation.



MUNICIPALITY OF PAVIA
Councillorship to Environment – Implementation of
Agenda21 – International Relationships



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Formal Commitments and Supporting Actions to Local Agenda 21 (LA21)

The following represents the formal commitments and supporting actions that the Municipality of Pavia realized during the last years:

- 1997 Adhesion to the European Campaign of Sustainable Cities. Pavia participated in one of the four exchange groups promoted by the World Federation of the United Cities. In the same group as Pavia were: Faro (Portugal), Baia Mare (Romania) and Cordoba (Spain), to compare ideas on the issue of a “Methodological Approach for the Elaboration of an Information System for the Sustainable Development”.
- 1997 Pavia participated in the meeting in Brussels on November 24th and 25th 1997, and was invited by the European Campaign of Sustainable Cities on the theme “Sustainability and Subsidiary”, together with representatives of more than 250 cities and European Local Authorities.
- 1998 In January 1998, Pavia organized a study group comprised of municipal employees and representatives from the University of Pavia with the objective of constituting a permanent Forum involving enterprises, professional associations, public institutions, and cultural, charitable and environmental associations.
- 1998 The Charter of Aalborg was adopted with Municipal Council Decision No. 70 on 19/10/1998.
- 1999 The Forum for “Environment and Sustainable Development” was activated by Municipal Council Decision No. 63 on 15 October 1999.
- 1999 The Municipality of Pavia is one of the Local Authorities that contributed to the creation of the National Coordination of Local Agendas 21 in 1999 together with the Province and the Municipality of Modena, Province of Trento and Municipality of Ferrara.
- 1999 Subscription of the “Charter of Ferrara” on 29 April 1999.
- 2000 The Municipality of Pavia participated to the Third European Conference of the Sustainable Cities and Municipalities held in Hannover from February 9th to 12th and adhered to the final appeal of Local Authorities on the threshold of 21st century – *Hannover Appeal*.
- 2000 The Municipality actively supported the creation of the National Association of Local Agendas 21 in Bologna. The representative of the Municipality of Pavia, Councillor A. Zorzoli is member of the Association Board.
- 2000 The responsible person of the Office Local Agenda 21 is involved in the project “LASALA” (Local Authorities Self Assessment of Local Agenda) involving about 150 European Local Authorities in

partnership with the International Council for Local Environmental Initiatives (ICLEI), European Campaign of Sustainable Cities, etc.

- 2001 Co-funding of the project “Local Agenda 21 in the Municipality of Pavia: from the Forum to the Plan of Action” by the Ministry of Environment and Territorial Preservation.
- 2001 Involvement in the Project Life "CLEAR", which is related to the application of the environmental accountability methodologies and the redaction of the Municipality Balance Sheet.
- 2002 Activation of the actions foreseen in the Project “Local Agenda 21 in the Municipality of Pavia: from the Forum to the Plan of Action”, which is co-funded by the Ministry of Environment and Territorial Preservation. These actions are:
1. Upgrading the Report on the Status of the Environment;
 2. Updating and maintaining the webpage A21;
 3. Participative definition and experimentation of a new set of sustainability;
 4. Strategies and actions for the sustainable development in Pavia – 2nd Local Action Plan;
 5. Ecological Footprint and Lifestyles – Activities for an Education to the Sustainable Development and an improvement of the quality of life;
 6. Information and awareness raising on EMAS - ISO 14000;
 7. Agency for the Sustainable Development – Feasibility Study and Experimentation;
 8. Local Plan for the sustainability of the energetic uses – Feasibility Study;
 9. Sustainable Development in the Activities of Planning, Programming, Management of the Municipality Administration – Feasibility Study and operational guidelines; and
 10. Health, Environmental Quality and Lifestyles:
 - Analysis of health indicators depending on atmospheric pollution in the Municipality of Pavia – year 2002;
 - Environmental investigation for the characterisation of air quality in the Municipality of Pavia;
 - Determination of benzene in the air, inorganic micro polluting agents in the subtle aero spread dusts;
 - Use of public transportation in the urban environment.
- 2003 The approval of the 1st Environmental Budget of the Municipality of Pavia with the Municipal Council Decision No. 30 of 29.5.03.
- 2003 On 31 October the Forum for the Sustainable Development of the City of Pavia presented the results of the concluded actions in the framework of the project “From the Forum to the Plan of Action”.
- 2003 The Municipality of Pavia is partner of the project e21 (the digital citizenship in Local Agenda 21) co-funded by the National Centre for Informatics and Public Administration (CNIPA) in the following year.
- 2004 The Municipality of Pavia adopts the Aalborg Commitments.
- 2005 The approval of the Second Environmental Budget of the Municipality of Pavia (consumptive 2003 and provisional lines 2005) with the Municipal Council Decision No. 44 of 17.10.05.
- 2005 With Decree of the Office Prevention of the Atmospheric Pollution, Environment and Plants of the Region of Lombardia (Official Bulletin of Lombardia Region No. 43 of 25.10.05) has co-funded the project PREP (Plan for Energetic Savings of Pavia).
- 2006 Memorandum of Understanding between Lombardia Region and the Regional Coordination of LA21 “Program for the diffusion of LA21 in Lombardia” signed on 28 March 2006.

2006 The Councillor to the Sustainable Development of the Municipality of Pavia Pinuccia Balzamo is appointed referent for the Regional Coordination of LA21 (coordination directive of 31.05.06).

Implementation of Local Agenda 21(LA21)in the Municipality of Pavia

The approach and the methodology selected by the Municipality of Pavia can be considered as traditional. The following illustrates the working phases realised:

1. Preliminary Phase (March 1999)

The preliminary phase had the objective of presenting the “Program LA21 of the Local Administration” and informing the potential participants about the contents and purposes of LA21 for their active involvement. The aim of this phase was to present the document, “Program for the implementation of Local Agenda 21”, which contained a synthesis of the activities foreseen by the Municipality of Pavia Administration for Local Agenda 21.

2. Starting of the LA21 Forum

The Forum is a consultation body and the “place of production of ideas for the local sustainability” constituted by representatives of the community of Pavia, according to the principle of participation to Agenda 21.

In September 1999, the Forum preparatory meeting was held with a restricted group of stakeholders and representatives of Local Authorities. The objective was to prepare, through recommendations and intervention proposals, a list of people who should have participated in the Forum itself.

The Forum functions with a disciplined set Guidelines, which were adopted by the Forum in its first session. There are about 30 Forum members who represent various Local Authorities, scientific and academic communities, entrepreneurs associations, craftsmen, traders, environmental and consumers associations, and professional bodies, all of which were officially appointed by the organisations invited by the Councillorship to Ecology.

The Forum has a President, Professor A. Majocchi of Pavia University, whose duty is to promote the activities of the Forum and supervise works, ensuring that guidelines are met. It operates either in plenary session, or through working groups constituted on specific themes and coordinated by the President.

3. Report on the Status of the Environment

The Municipality Administration and the Forum organised the first edition of the Report on the Quality of the Urban Environment. The Report was realised using the model DPSR prepared by the European Agency for the Environment. The selected indicators in this first edition are the standard ones foreseen by the same Agency, the OCSE, and Eurostat.

The qualitative and quantitative information collected and elaborated in the report constitute an objective basis that serves a reference for local sustainability objectives and measures the performance of public policies in terms of sustainability and environmental protection. In 2003, the second Report on the Status of Environment (RSE) was drawn up.

4. The Actions within the Local Authority

Training Workshop on LA21 was organized in September 2000 with the participation of the members of the Municipality Council, the General Director and the Administration Executive Directors. The

workshop was also attended by Councillors and Directors of the Municipalities of Ferrara, Modena, and the Provinces of Modena and Milan.

The Workshop had the general objective of facilitating the direct exchange of experiences involving also the Executive Directors and civil servants of still little sectors involved in the processes for the local sustainability.

5. The Local Action Plan

Based on the contents of the Report on the Status of the Environment, the Forum identified the procedure for a Local Action Plan. The activity of drawing of the Plan is articulated in three separate phases.

Phase 1 - Identification and selection of the priorities of the local actions. The specific action areas are established through the analysis of the information contained in the Report on the Status of the Environment. From a general list of thematic areas there followed a specific list of the actions resulting from the integrations and adjustments of the Forum.

Phase 2 - Definition of the objectives

As for the specific actions, indicated as priorities, the Forum will define the environmental objectives.

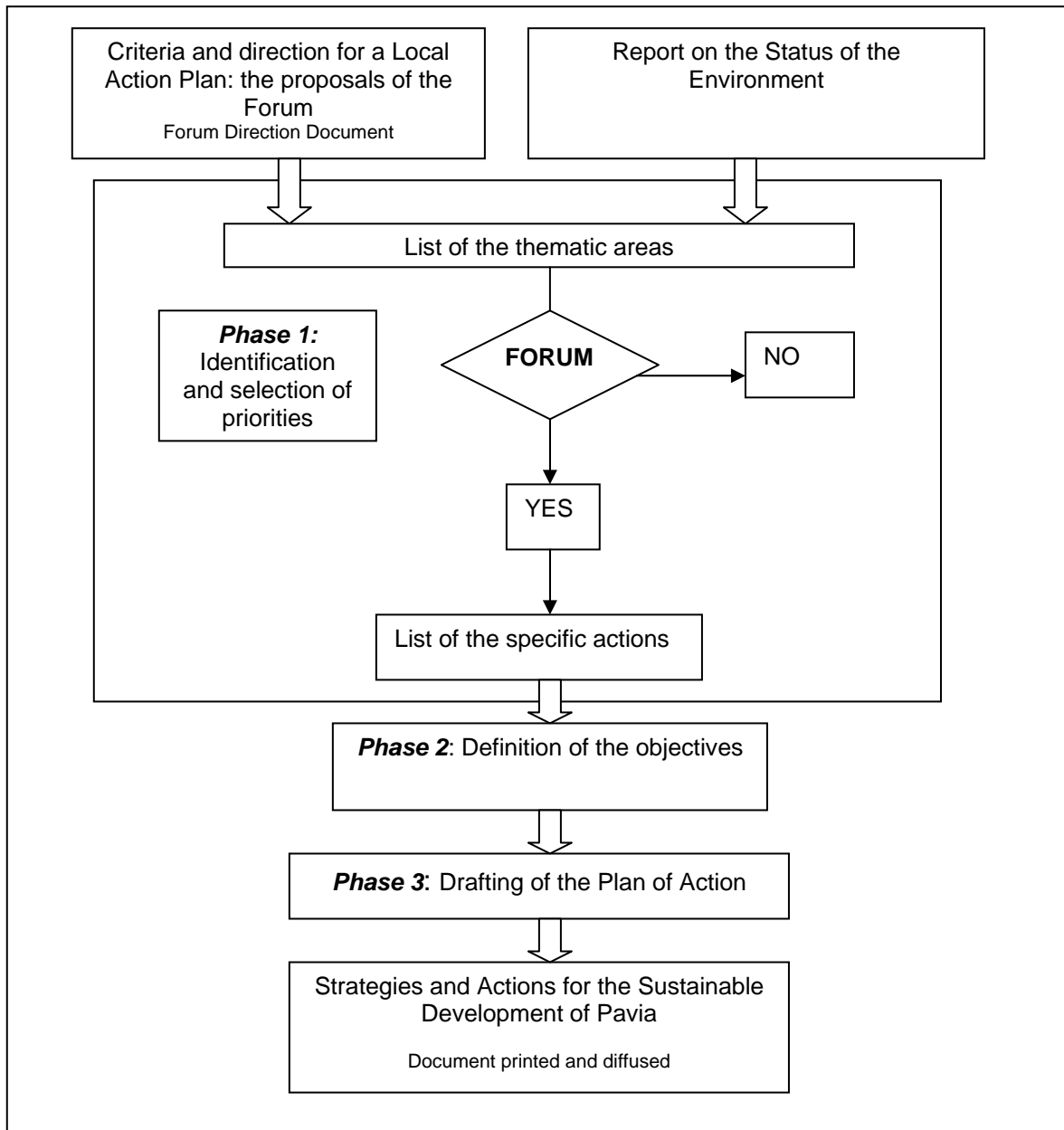
Phase 3 - Drawing up of the Local Action Plan

The Local Action Plan for Sustainable Development will plan the activities necessary to achieve the expected results.

As a necessary introduction statement to the Action Plan, the Forum drafted an indicative document titled, "Criteria and Directions for the Local Action Plan: the Proposals of the Forum", which, beginning with an analysis of the scenario and local expectations, defines a series of general principles and criteria for action. The aim of the document is to prepare a "chart of principles", shared by the majority of the stakeholders that may orient future actions for the Forum. The document also outlines the assumption of responsibility toward the sustainable development for all stakeholders involved. This document, when integrated with the projects and considerations of the Forum, will become the true Local Action Plan "Strategies and Action for a Sustainable Development of Pavia".

The following is the Forum's outline for the Local Action Plan:

Diagram: From the Report on the Status of the Environment to the Local Action Plan



The priority actions identified by the Forum within the six thematic study groups are, respectively:

Mobility and Transportation

- Actions for efficiency in the distribution of goods in the urban environment;
- Improvement of the urban and extra urban connections in the public transportation system;
- Controlling for efficiency in public transportation; and
- Promotion of the collective transportation systems.

Energy

- Promoting concrete actions of energy saving;
- Promoting energy efficiency; and
- Supporting the use of renewable energy sources.

Sustainable Tourism and Biodiversity

- Promoting appropriate environmental management of tourism sites and infrastructure;
- Involving tourists in conservation activities in protected areas;
- Acquiring an expanded knowledge of biodiversity;
- Promoting a local based ecological network; and
- Preserving the natural habitats of wild species.

Volunteer Tools for the Environmental Quality of Enterprises, Local Authorities, and Organisations

- Training employees on Environmental Quality and Security systems;
- Information and awareness raising on the environmental certification EMAS – ISO 14000; and
- Promotion and support of pilot actions.

Communication, Information and Formation

- Production of specific information tools;
- Improving communication networks;
- Measuring efficiency systems in terms of understanding their problems and behaviours;
- Promoting environmental educational activities across different levels of education; and
- Programming post-graduate training courses or professional re-certification.

Health, Environmental Quality and Lifestyle

- Production of specific information tools;
- Collection of epidemiological data; and
- Studying the relation between pathologies and environmental pollution.

These actions have been appropriately detailed in the Local Action Plan approved by the Forum, along with an adequate set of indicators in order to monitor its implementation and efficiency. Particular attention is given to the project PREP (Plan for the Energetic Savings of Pavia) and to the constitution of the Agency for the Sustainable Development, through an agreement between the main institutional bodies acting in the territory in order to assure continuity and maximum coordination to the initiatives undertaken in the framework of Local Agenda 21.

For further information and to access the produced documents look at:
<http://agenda21.comune.pv.it>