

Environmental /Sustainability Management for Communities

Region Überlingen
(Lake Constance, Germany)

& other

Marion Hammerl / Bodensee-Stiftung



Überlingen / Germany

Marion Hammerl/ Bodensee-Stiftung



Destination

Überlingen / Lake Constance

28.000 inhabitants
580.000 Overnight stays
plus 1,4 million daily visitors
87 million Euro income by
tourism activities



Instrument

ECOLUP

Environmental
Management
System (EMAS)
implemented into
land use planning

Destinations

14 cities in 10 countries
&
8 cities in Germany

MEU25

Managing Urban Europe 25:
Sustainable Management for
Communities



ECOLUP:

Overall goal is to establish preparatory and legally binding sustainable land use planning through the development and introduction of an environmental management system according to EMAS II

- Is EMAS applicable to planning processes?**
- Will the urban land use planning through eco-management be more sustainable? Benefit for environment?**





ECOLUP and EMAS

Who can get the certification?

According to EMAS II the municipality as the process manager of urban land-use planning. Competent authorities are the specialist department, the municipality council and the mayor

What is being certified?

The planning process and (partly) the results. Land use planning includes development and building plans. Additional plans and informal plans can be also included.





ECOLUP: Methodology / Contents

- **Environmental teams in every municipality**
- **SWOT-Analysis to define actual situation regarding all relevant environmental aspects in every municipality**
- **Discussion of the SWOT-results and setting priorities in every municipality**
- **Local workshops with the environmental team to discuss all relevant environmental aspects, to develop aims and measures for each relevant environmental aspect (environmental program)**
- **Indicators to measure and to verify aims and targets**
- **Test-Certifications in all partner municipalities**
- **Approval of environmental policy and –program by municipality council**
- **Four international workshops to exchange experience**





ECOLUP: Environmental aspects discussed in workshops on local level

- **Introduction of environmental management**
- **SWOT-Analysis**
- **Land use planning**
- **Sealing /Green belts**
- **Traffic /Mobility**
- **Energy / Climate**
- **Landscape / Water**
- **Implementation environmental management system**
- **Participation / Civil involvement**





ECOLUP: Example Überlingen

Goals for land use planning and green belts

- **Avoidance of urban fallow land**
- **Closing of building gaps in the city**
- **Reduction of traffic areas**
- **Economical land saving site development**
- **Protection of forest areas**
- **Unsealing of private and commercial areas**
- **Establishing connexions between green spaces**
- **Control measures of green structure plans**



ECOLUP- Guide

Performance Audit

Direct and indirect environmental aspects of land use planning and their evaluation.
Collection and analysis of data on actual situation (SWOT-Analysis)



Environmental Policy
for communal land use
Planning with general goals

Env. Assessment
Regular procedure check
Internal Audit
Monitoring /corrective measures

**Continuous Improvement
of Environmental
Performance**

Env. Programme
Environmental goals and concrete
Measures for all significant
Environmental aspects

Env. Declaration
Information to the public on
Environmental policy and
programme

Env. Management System
Compliance Audit: Assessment of
legal compliance

External Audit /Validation
Via independent verifier
Registration into EMAS register

System Audit
Env. management representative
EMS organisation
EMS documentation /communication
Relevant Officers /departments
Regulations, Training for employees
EMS Manual



Managing Urban Europe 25: Sustainable Management for Communities

Duration	March 2005 – March 2008
Coordination	Union of Baltic Cities (UBC)
Partners	ICLEI, Lake Constance Foundation, University of Western England, GRID Arendal-UNEP 14 Cities /Communities in 10 European Countries plus 8 Cities /Communities in Germany
Based on	EU - Thematic Strategy on Urban Environment / Sustainable Urban Management
Budget	2.970.000 Euro
Financed by	European Commission, Deutsche Bundesstiftung Umwelt, Finnish Ministry of Environment, Environmental Ministries of Baden-Württemberg and Bavaria all Partners

Main Objectives

Develop and implement a framework system for sustainable management / environmental management for communities and their whole functional urban area:

- utilise and improve on the elements of the most recognised environmental management systems (EMAS, ISO 14001, EcoBudget
- overcome the "structural failures" and design a framework adapted to the needs and organisational structure of communities
- achieve a community based, integrated, practical and efficient management framework
- achieve a flexible management framework able to integrate existing systems and instruments
- applicable to the whole urban area in a variety of cities, towns, and/or counties in different European member and acceding states

Timetable

Elaboration of SUM –System elements

October 2005 – June 2006

Approval of Management-Plan

Juli – September 2006

Implementation of Management-Plan

(implementation of first measures, reporting and evaluation, test-validation, modifications regarding next management period)

September 2006 – October 2007

Manual and Final Conference: February 2008

Outputs

- Analysis of existing (urban) EMS plus environmental reporting methods with recommendations regarding improvements
- Framework / model for urban EMS/SUMS
- Full capacity-building package with training tools and training material for implementation of EMS /SUM
- Virtual Training Centre
- Communication and reporting tool for better knowledge management and improved data quality
- Report and recommendation regarding use of environmental / sustainability indicators
- Report and recommendations regarding examples of local economical, financial and regulatory instruments to efficient urban management
- E-library of sustainable management
- Four international workshops to exchange experience

Managing Urban Euro

cities



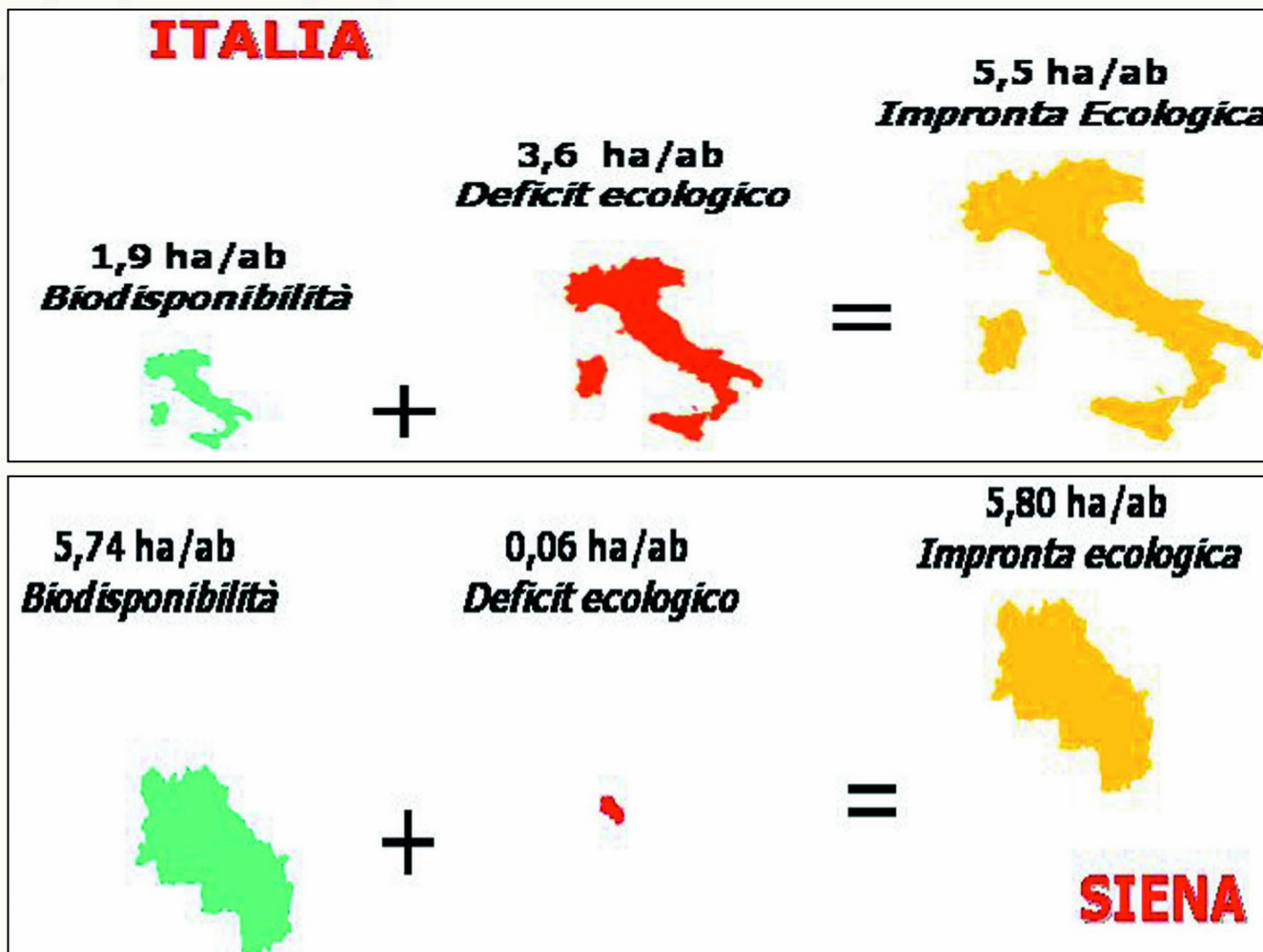
Mehr Fahrradfahren in Vaxjö

Managing Urban Euro cities' er



Recycling in Lewes

Provincia Siena



Environmental Management on destination level = Process towards sustainable tourism development

Reduction of land use = less urban sprawl

Mixture of different uses = lively city centre

Desealing = increase of green areas

Reduction of impacts produced by individual traffic (noise, air pollution..)

Better protection of natural / cultural landscape

Community programmes to motivate implementation of environmental technology and measures into private sector

Improvement of participation of stakeholders = Tourism sector represented in planning processes

Further information

www.mue25.net

Union of Baltic Cities, Annika Claesson
(annika.claesson@netti.fi)

ICLEI, Holger Robrecht
(holger.robrecht@iclei-europe.org)

Lake Constance Foundation
(marion.hammerl@bodensee-stiftung.org)



We are looking forward to your comments and recommendations!