

LIVING LAKE

12° International Conference

Castiglione del Lago – September 2008

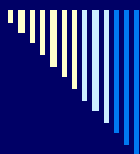


Agenzia per l'Energia e l'Ambiente
della Provincia di Perugia



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THE EUROPEAN UNION COMMITMENTS

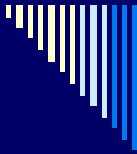
**Mitigation strategies and contributing to
climate protection UE targets:**

- 20% renewable energy
- 20% energy saving
- 20% CO₂ reduction
- 2020



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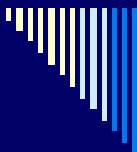
MAIN INSTRUMENTS

- To promote a culture of energy saving
- To improve energy efficiency levels in the territory
- To achieve a rational use of energy
- To increase the uptake and demand for energy efficiency
- To promote renewable energy sources and energy diversification
- To stimulate the diversification of fuels and energy efficiency in transport



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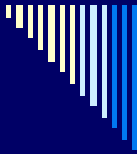
SHORT, MEDIUM AND LONG TERM STRATEGIES

- Compliance by the public administrations of their legislative or regulatory duties
- Maturation of a culture of environmental sustainability
- Efficiency and energy saving in public and private buildings
- Improving of energy efficiency
- Introduction of new technologies in the factories and for the factories
- Development of renewable energy production



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BOTTOM/UP

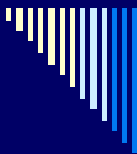
- the process started from european level with several directives
- now the process must continue at all levels, starting from the bottom
- we must all ask ourselves what we can do
- The role of local authorities

THINK GLOBALLY, ACT LOCALLY !



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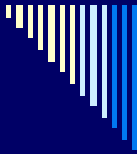


Advanced societies search to adopt an integrated pattern and infrastructure that is respectful of social patterns and the environment, and care in a sustainable way for the future. The integration of all elements is a complex issue and needs showcases of manageable size which give indications on how to approach larger units.



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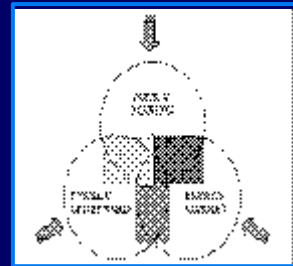
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SUSTAINABLE ENERGY COMMUNITY (SEC)

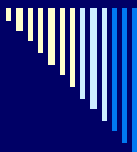
□ NEW CONCEPT OF LOCAL SUSTAINABLE DEVELOPMENT

Local communities in which politicians, planners, developers, market actors and citizens actively co-operate to demonstrate and develop high degrees of decentralised energy supply, favouring renewable energies as sources, together with a conscientious application of energy efficiency measures in all end-use sectors.



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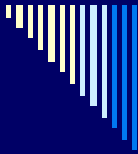
A network of many small and large communities sustainable

These communities will be connected and unified and their aim will be to represent a reference point for the following development of the initiatives applied firstly just at local level and then spread.



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BEST PRACTICE

NEC

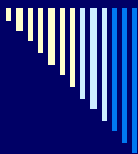
New Concept of Local Sustainable Development in Pilot Communities

In small area of province of Perugia



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NEC New Concept of Local Sustainable Development in Pilot Communities

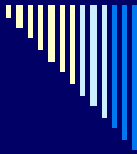
Actions for the local actors

1. energy certification of the buildings and boiler inspection
2. new regulation about buildings standards
3. organization of workshops at local level as moment of meeting among all the energy actors
4. energy education of the pupils of the primary schools
5. urban mobility: actions to stimulate the use of the public transport and the use of bio-fuel or methane gas means



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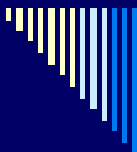
Achieved Results

1. More awareness among the target group (citizens, companies, authorities, pupils, teachers) about RES and RUE issues through a direct involving in the actions
2. Action to improve energy efficiency in private and public building and providing suggestion of energy saving intervention to the users
3. Adoption of a new building code to improve the building energy standards



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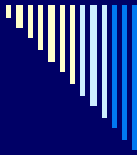
Achieved Results

4. Definition of a new regional regulation
5. Adoption of a new transport plan in the urban area involved starting by the bottom recording citizen's comment and necessity
7. Training activities with pupils of the primary school of the SEC: energy education to change bad behaviours. They were very interested and the school has showed the will to continue this activity



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Educational initiatives are considered by EU “a vital part of raising awareness on this issue” (Andris Piebalgs, European Commissioner for Energy).

Despite these efforts, some important progress have to be still done to ensure a stronger penetration of the educational activities on energy issues. Ensuring all citizens are ‘energy aware’ is a key factor, and the role of education and information initiatives in schools is crucial.



YEP! Young Energy People

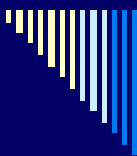
EYE European Young Energy Manager Championship

Flick the Switch



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Thanks for the attention!

Cesare Migliozi



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