

Integration of Solar Technologies into Buildings in Mediterranean Communities

Contract No: FP6 INCO-CT-2006-026426

Duration: 1/1/2007 – 29/2/2008 (14 months)

Coordinator: CRES

Partners: UMAR

MEDENER MEMBERS: ADEME, ADENE, PEC, ANME, CDER,
IDAE, NERC, ALMEE, ENEA, APRUE

Athens, 12-13/12/2007



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Objectives

- To analyse local building markets, future opportunities and threats
- To exchange experiences and transfer know how regarding best practices
- To convince market actors (energy agencies, architects, constructors and authorities) for more solar technologies
- To formulate strategies and perspectives for the integration of solar technologies in Mediterranean buildings

Why SOLARBUILD project?

- It was a common initiative of the MEDENER and UMAR
- Mediterranean Basin disposes high solar potential
- Buildings is one of the most energy consuming sector with promising perspectives for integration of solar technologies
- There is lack of awareness
- There is a need for exchanging best innovative practices

How SOLARBUILD achieves goals?

- Networking the networks (MEDENER and UMAR)
- Establishing of experts working groups (energy experts, architects, constructors, solar equipment industry)
- Elaborating of national and trans-national market analysis reports
- Developing an e-guide for the integration of solar technologies in Med. buildings
- Exchanging experiences by organising two conferences one in Marrakech and one (today) in Athens

Great potential for transfer of best practices from North Mediterranean to South.

Especially on:

- ✓ Improvement of legal and Institutional concerning energy performance of buildings
- ✓ Development and adoption of standards, norms, and regulations
- ✓ Development of local solar industry aiming to decrease the cost of technology
- ✓ Technology innovation

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Barriers

- Low prices of conventional energies, in most of South Mediterranean countries
- Lack of an integrated legal framework
- Long pay back periods due to the cost of technology (especially p/v)
- Lack of incentives
- Lack of “energy culture” of houses owners
- Lack of training, information and experience of architects, civil engineers, constructors etc.
- Not aesthetical integration of technologies in the buildings

Perspectives

- To move fast in order to follow the expanding real estate market of the South Mediterranean Area.
- To establish permanent cooperation between stakeholders, from private and public sector
- To implement common projects

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