

3rd International MEDENER Conference

Towards the Euro-Mediterranean platform



Opening session

A new route to cross a wider Euro Mediterranean Energy Market
pivoting on Energy Efficiency and Renewable Energy Sources

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AGÊNCIA PARA A ENERGIA

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ADENE - Portuguese Energy Agency

Government related agency, working mainly on energy efficiency and renewable energy

Mission

To promote and perform activities of public interest in the field of energy and its related sectors



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Core competences

- Policy implementation
- Programme execution
- Market monitoring
- (Big) Data management
- Technical assistance
- Dissemination & Promotion



ADENE as national stakeholder

Triggering intelligent solutions through cooperation, promotion and dissemination

Relevant projects / activities

- **Energy labelling**
Energy performance labelling data of nearly 20% of the national building stock
- **EU and National Policy Framework**
Action plans for EE, ER and alternative transport fuels infrastructures (electric, LPG and CNG)
- **Energy Efficiency Funding**
Technical assistance to national and regional incentive programmes
- **MEDENER and EⁿR Networks**
Exchange of information on energy policies and good practices



Context

- **National Energy Efficiency Action Plan**
- **Commitment to Green Growth**



Commitment to Green Growth

What Portugal is doing in the area of green growth

Key facts

- 100 initiatives in 10 strategic sectors
- Green Taxation Reform
- Reduce excessive rents in the energy sector
- Targets by 2030:
 - 40% CO₂ reduction
 - 30% reduction of energy consumption in buildings
 - 40% RE share in final energy consumption
 - 25% electricity interconnections with Europe
- Best practice by UN, OECD, World Bank, WEF and EC

Cooperation areas

- Energy efficiency
 - Buildings
 - Public Administration
- Renewable energy
 - Small-scale decentralized renewables



Energy Efficiency in Buildings

Some common challenges, many opportunities for collaboration

Common challenges

- Building codes
for both new and existing buildings
(renovation)
- Performance monitoring and reporting
- Energy-related behavior change

Cooperation opportunities

- Data management and labelling of buildings and products
- Increase technical, knowledge and skills of the building professionals (TVET and higher education)
- Design and implementation of energy efficiency programmes and measures
- Multi-level governance initiatives



DG Regio 2015

Renewable Energy

Portugal is one of the leading countries in Europe in terms of wind power penetration

A case study



Installed capacity in Portugal	MW (2013)
TOTAL	20,418
Fossil fuels	9,364
Renewables	11,054
Hydro	5,539
Wind	^(*) 4,531
Photovoltaics	242
Other renewables	742

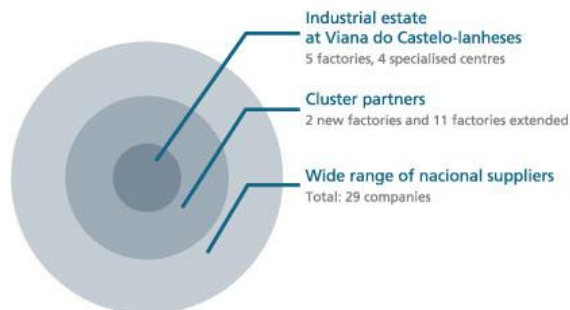
Source: DGE (2014)

^(*) 4,925 MW in 2014

Cooperation opportunities

- Knowledge exchange
- Investment attraction, including policy and regulatory frameworks
- Efficient management of the existing networks and promotion of smart grids and electric mobility
- Fossil fuel subsidies (FFSs) reform

ENEOP - Eólicas de Portugal, S.A.



ENERCON in Portugal:

- Employs ~ 1.400 people
- Investment ~ €220 million
- Exports ~ €200 million/year
- Produces rotor blade, concrete tower, mechatronics and generators

Opportunities for MEDENER

Tackling common challenges in the implementation of a EC Euro-Mediterranean initiative

Conclusions

National energy agencies in multinational initiatives:

- Implementing and facilitating communication on energy policies;
- Dedicated technical staff.

Important Partner:

1. Mutual assistance in the market uptake
2. Leveraging of national, regional and local initiatives
3. Knowledge sharing and development of joint projects
4. Technology exchange and business development

