Solar Energy Roadmap Development in Morocco Oriental

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Contents

✓ Why Morocco and why solar energy
✓ Role of roadmapping
✓ Solar energy in Italy
✓ To note that
✓ Interest of International Organisations
✓ Next steps
Why Morocco and why solar energy

✓ Morocco is a crucial partner for Italy both in terms of bilateral relations and as an element for stability in North Africa

✓ The development of renewable energy and in particular solar energy contributes to the reduction of carbon emissions, creates new employment opportunities and increases energy security and independence
Role of Roadmapping

✓ Solar energy roadmap development satisfies all these requirements:

- Sustainable development
- Energy security
- Job creation
High incentives for photovoltaic energy in Italy. As a consequence, the capacity installed during 2011 was higher than in Germany, China, USA, France and Japan (source: European Photovoltaic Association)

At the end of 2011, in Italy there were 12.7 GW installed capacity in 300,000 plants

Results are consequence of the feed-in premium tariff
To note that:

✓ Endesa (92% owned by ENEL) is present with a combined cycle power station of 384 MW in Tahaddart Tangiers, since 2005

✓ Existing interconnection with Europe through an undersea cable with Spain (900 MW import/600 MW export) and interconnection with Northern African countries through Algeria (400 MW)

✓ Morocco represents the unique possibility to implement article 9 of the European Directive 2009/28/CE
Interest of International Organisations in the Mediterranean area

✓ Low Carbon Energy Technology Platform, launched during the Italian presidency of the G8 in 2009

✓ Public-private partnerships and their potential to meet the challenges for infrastructure development (cfr. Joint statement at 9th FEMIP Conference, 30 May 2011, Casablanca, Morocco)

✓ European Commission: Directorate for Development Cooperation
Next steps

- The Italian government backs ENEL Green Power’s participation with a specific panel in the MENAREC V Conference to be held on 15-16 May in Marrakech

- Future initiative: Bilateral Solar Conference to be organised in Italy in autumn 2012 (LCTP – EGP)