

Solar Energy Roadmap Development in Morocco Oriental

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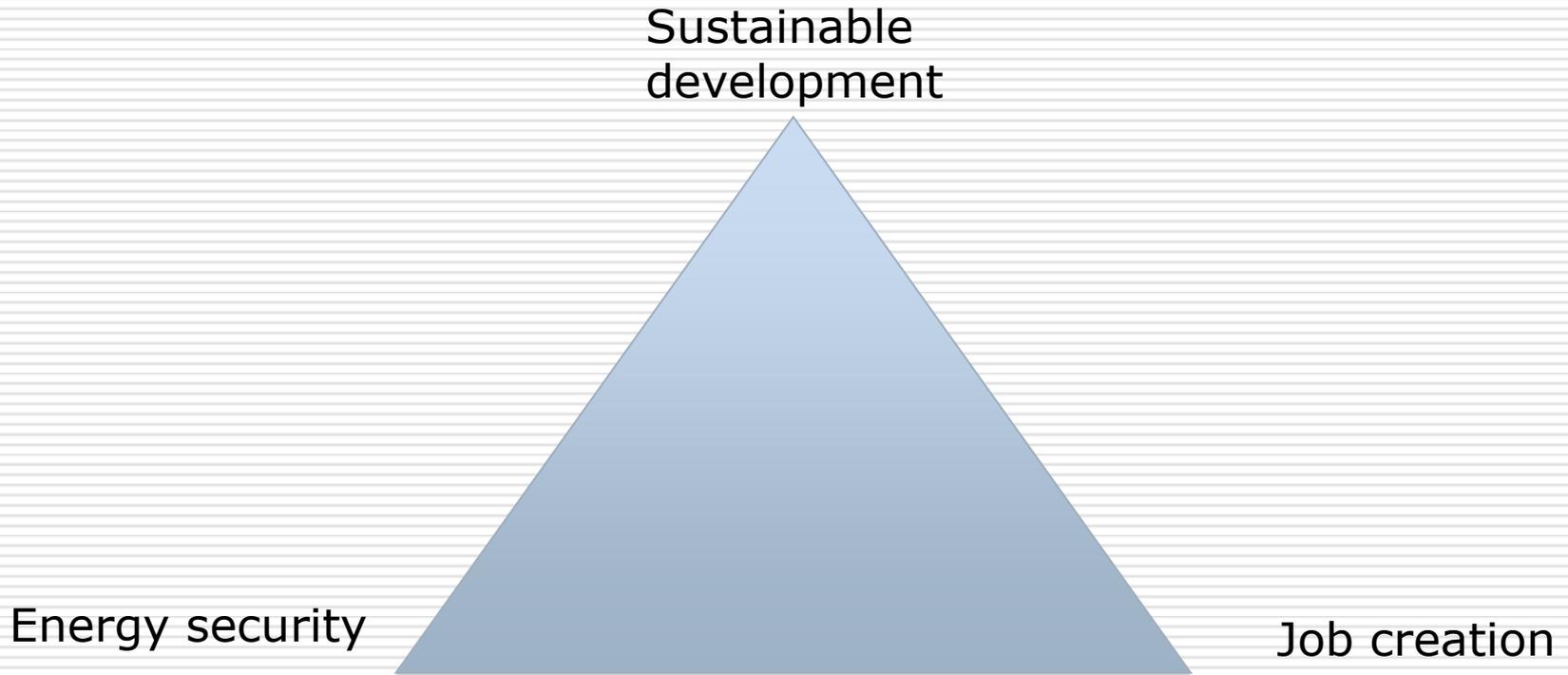
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Why Morocco and why solar energy

- ✓ 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



Solar Energy in Italy

- ✓ 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)