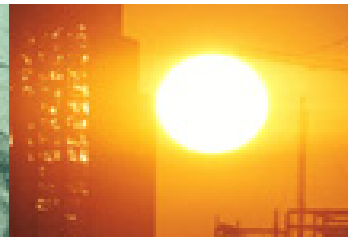




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The Renewable Energy and Energy Efficiency Partnership (REEEP)

Supporting renewable energy and energy efficiency
in the Mediterranean region

21 March 2006

Dr. Marianne Osterkorn
REEEP International Director



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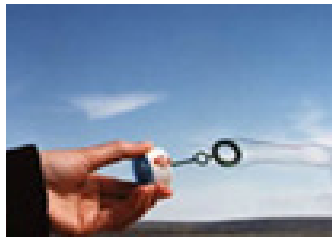
REEEP

– Renewable Energy and Energy Efficiency Partnership

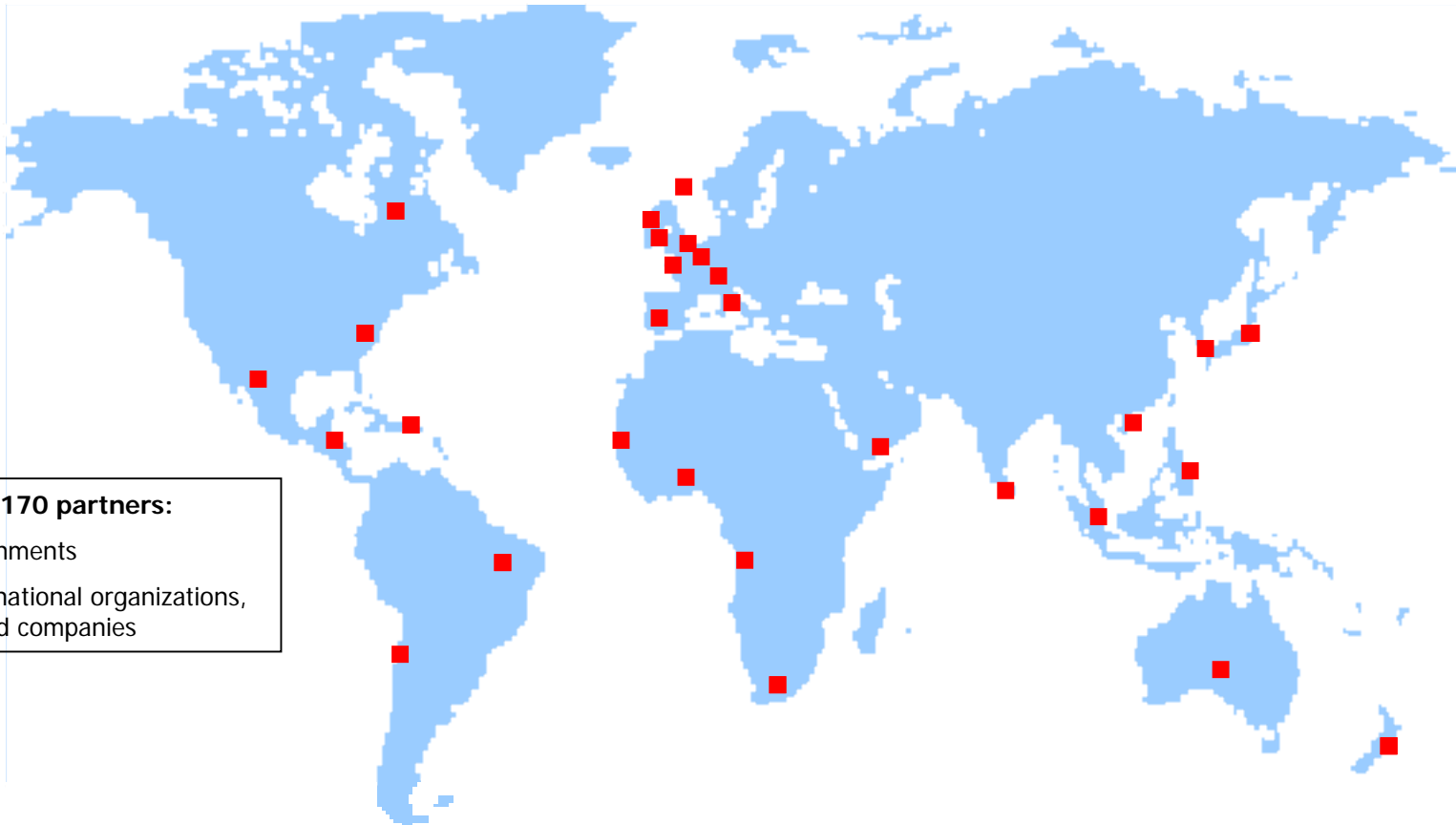
1. REEEP is the global energy partnership that focuses equally on the change in demand and supply side of energy systems towards more sustainability
2. REEEP's vision is to reduce market barriers and financial obstacles for renewables and energy efficiency systems
3. REEEP believes in action on the ground via project activities that are targeted on policy improvements and innovative finance mechanisms.



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Among the 170 REEEP partners are 30 governments



Currently 170 partners:

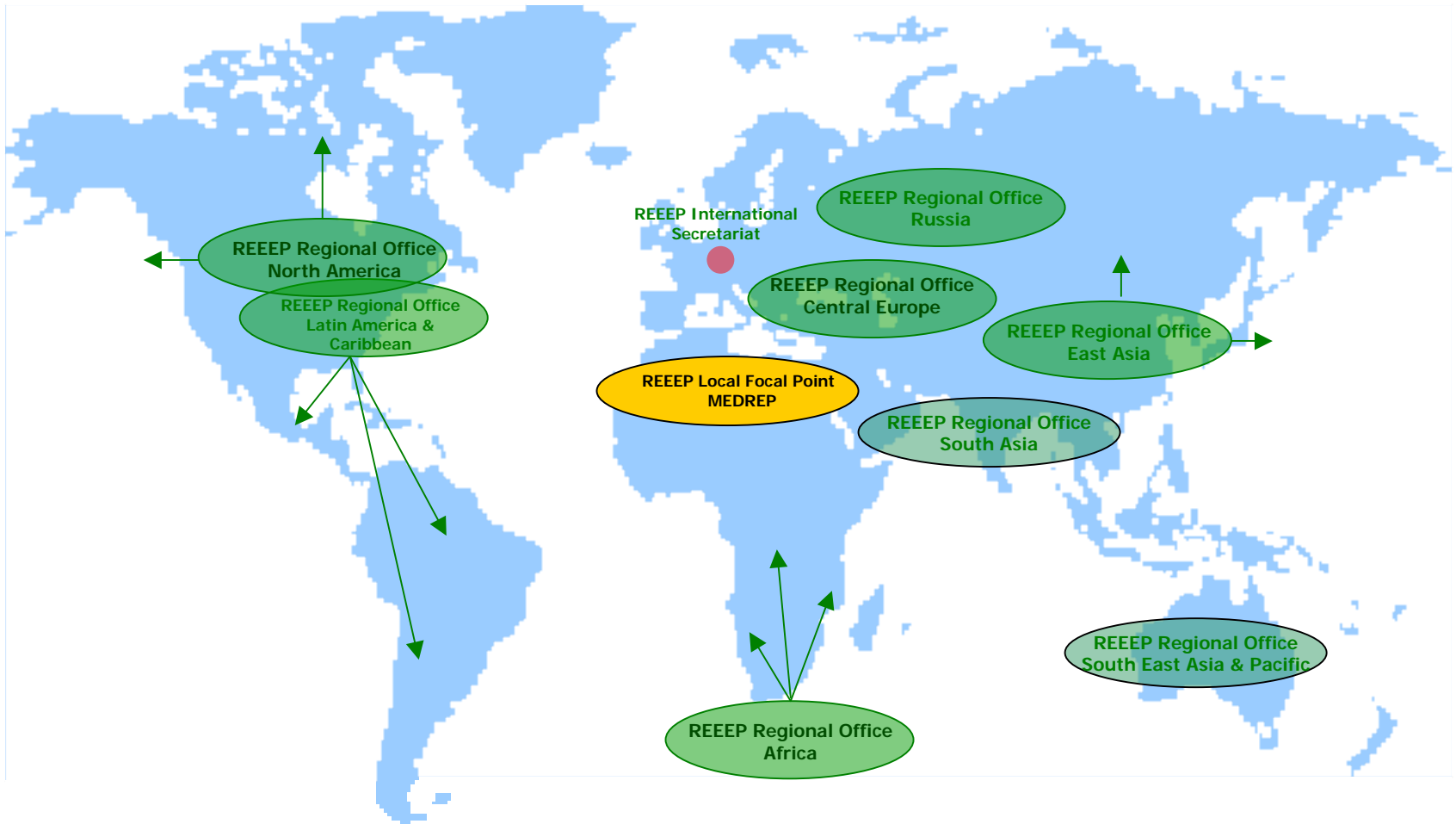
- 30 Governments
- 140 international organizations, NGOs and companies



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REEEP delivers value via Regional Secretariats





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MEDREP is promoting renewable energy in the Mediterranean region

MEDREP aims to develop a sustainable renewable energy market system in the Greater Mediterranean region through 3 main activities:

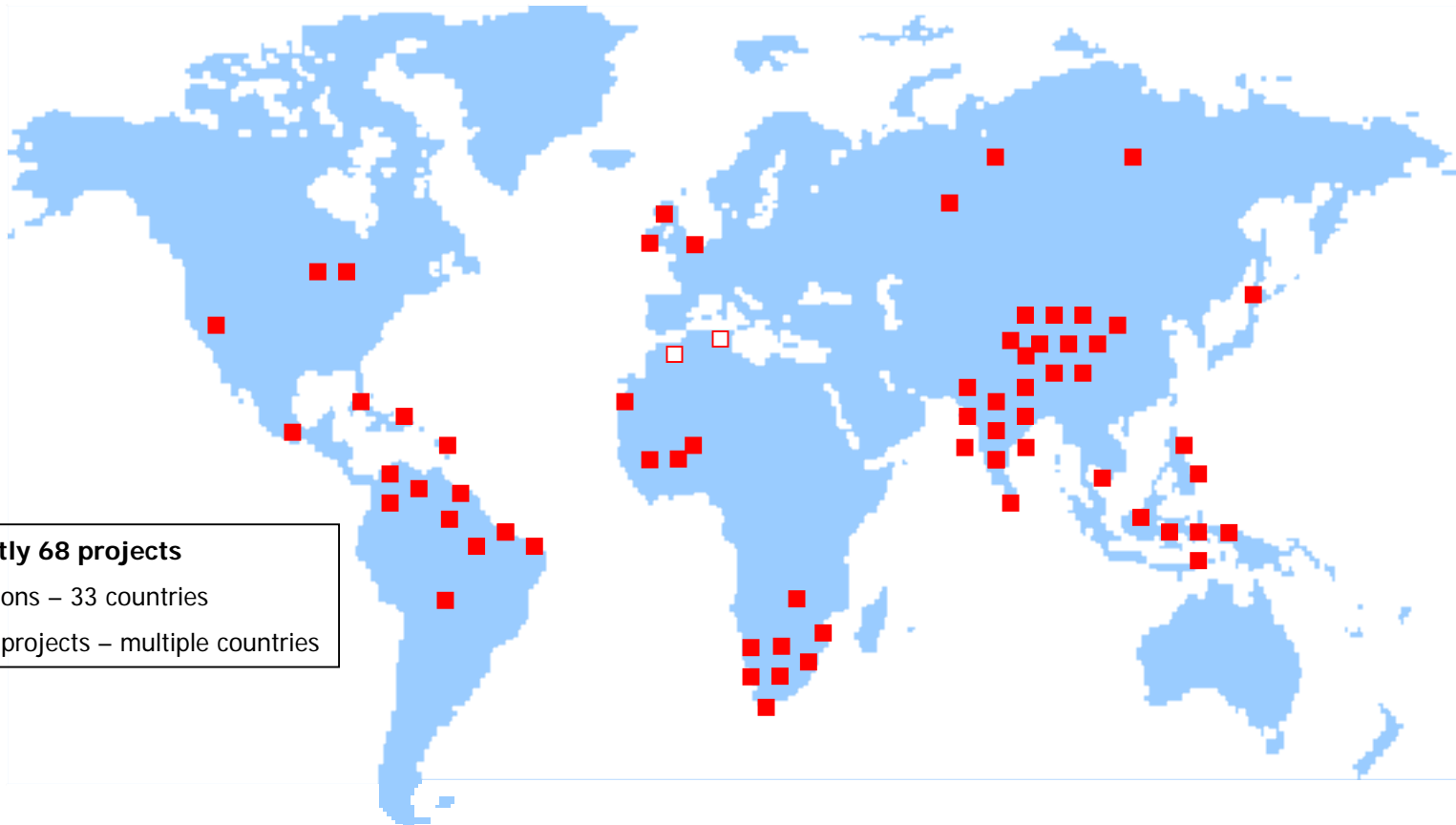
- Tailoring financial instruments and mechanisms to support renewable energy projects
- Strengthening policy frameworks and overcoming barriers to renewable energy deployment
- Building stronger private sector infrastructure while considering the positive role of "Tradable Renewable Certificates" and "Certified Emission Reductions".



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REEEP just started two projects in the North African region





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TRECS between Tunisia and Italy

- Implementation of the mandatory TRECS system between Italy and Tunisia
- Implementation of an Issuing Body
- Identification of projects eligible for the certificate trading
- Complete pilot Trade



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Link European Renewables certificate systems with Maghreb region

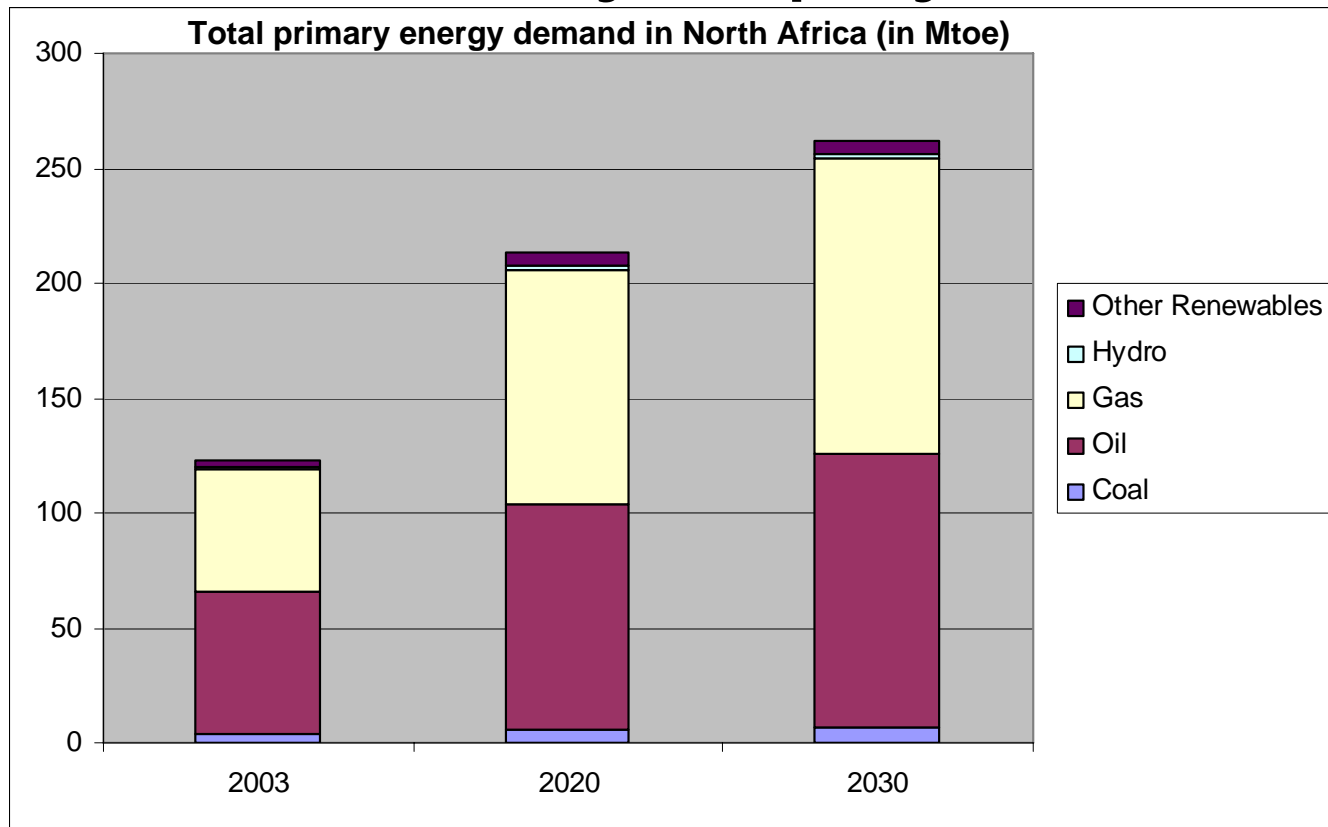
- opening the RES directive for investments outside the EU to reach the RES targets
- Stimulate RES investments in North Africa and in other parts of the world
- Promote best practice and reduce costs for customers



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Primary energy demand in the industrial sector is projected to increase by 6% per year



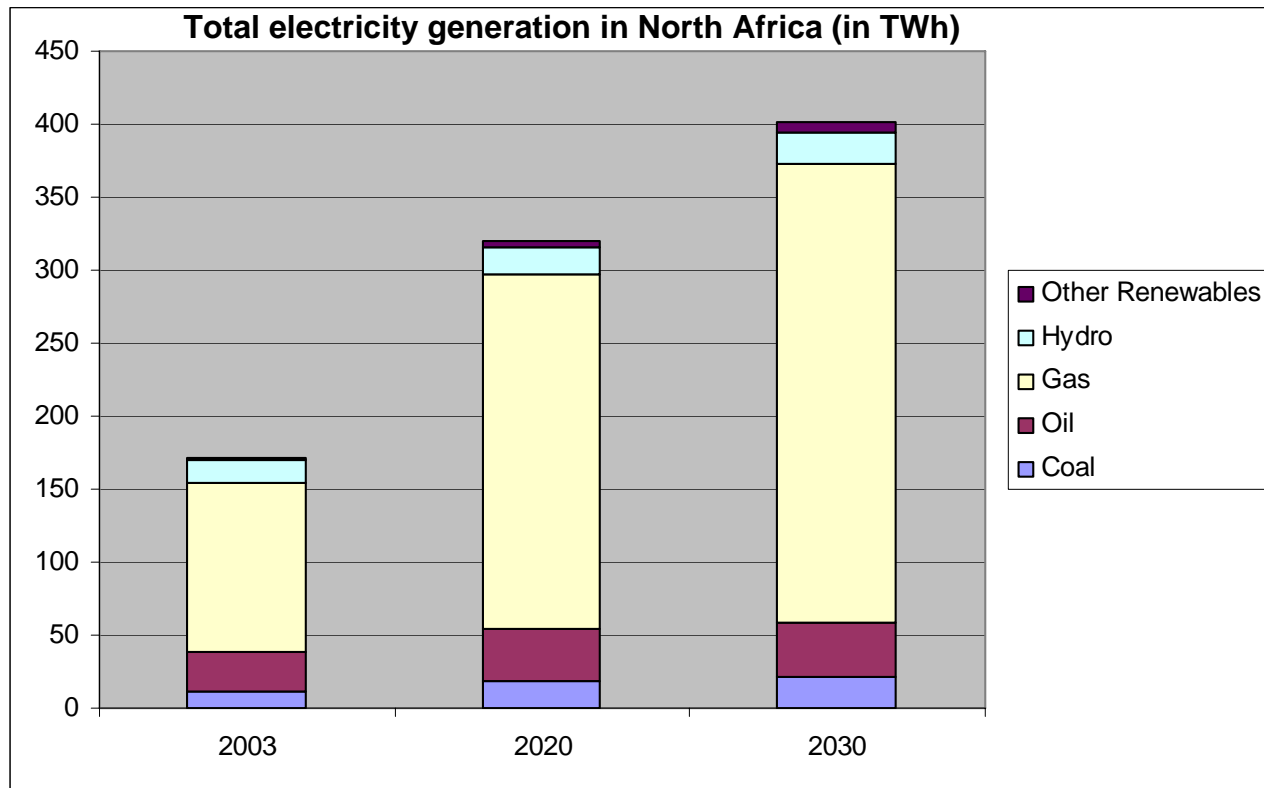
Many North African countries are planning to increase EE and the share of RES



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Most of the growth in electricity will come from the residential area

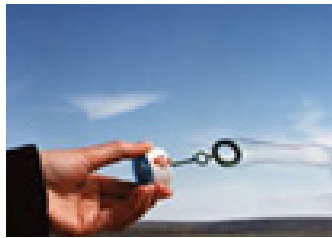


The bulk of electricity consumption takes place in buildings.
Energy efficiency in this area is expected to improve until 2020

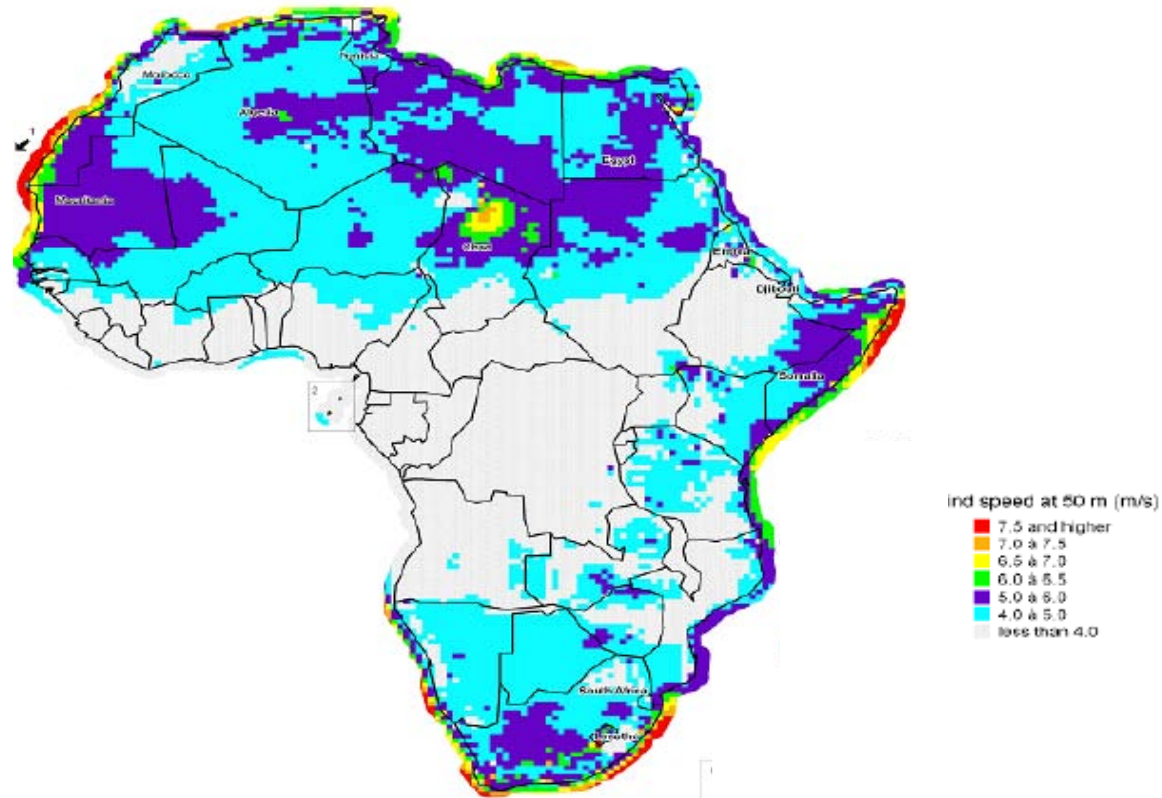
Source: IEA



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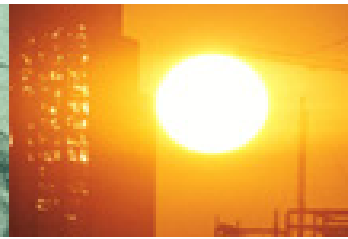
Algeria and Egypt are among those countries with the best wind resources in Africa



Wind power is projected to increase from less than 1 TWh to 16 TWh in 2030 in the MENA region.



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One quarter of the global solar energy potential is concentrated in the MENA region

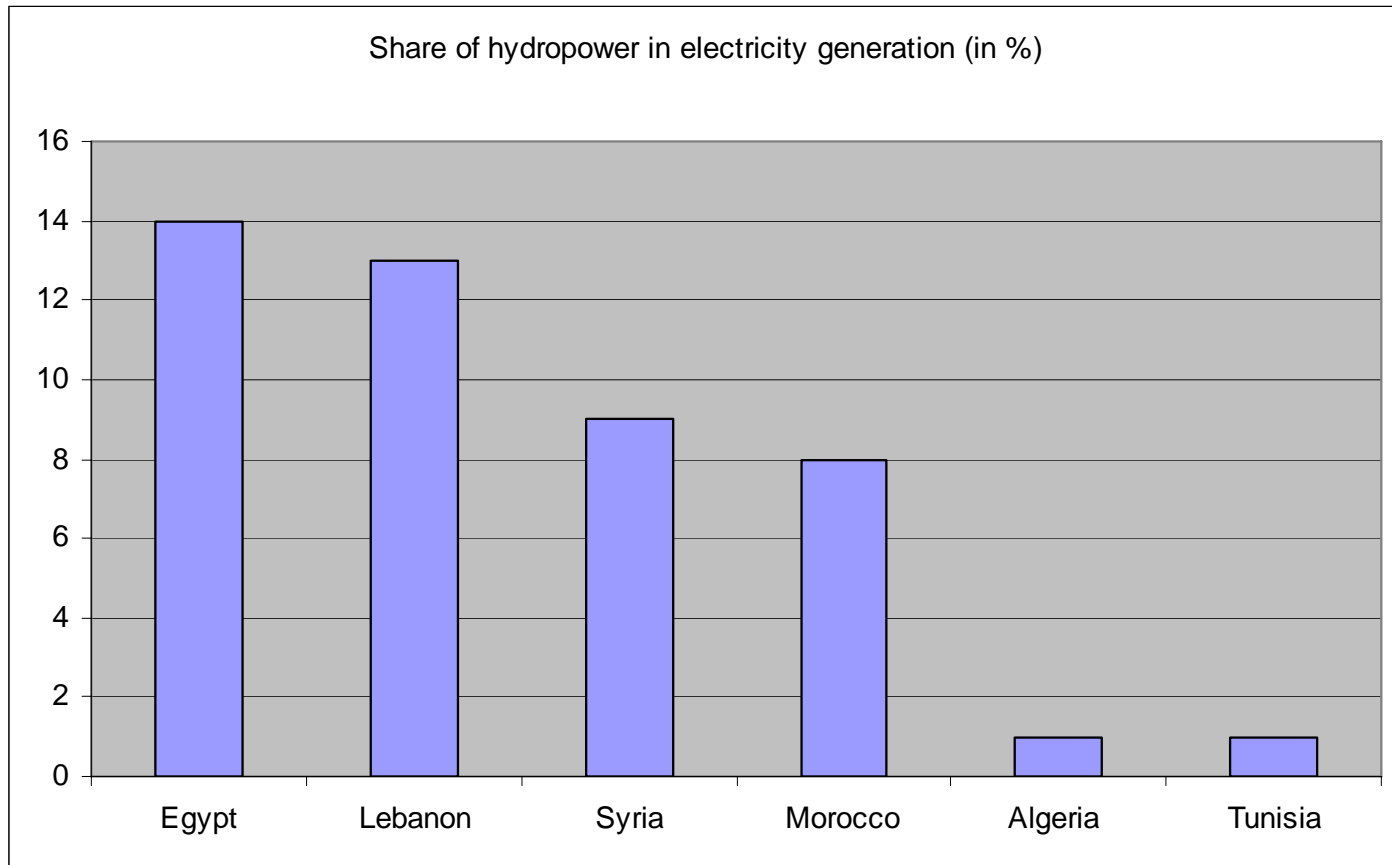
- Economic potential is however low because of the high costs of electricity from solar thermal or photovoltaics power plants - these plants will have to compete with CCGT.
- MENA countries' participation in CDM could promote solar thermal and PV and could provide substantial investment in such projects.
- In North Africa, many combined gas and solar projects are under development



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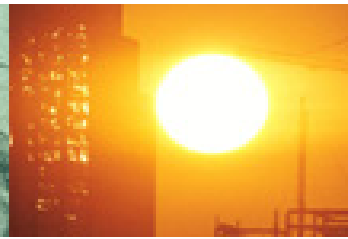
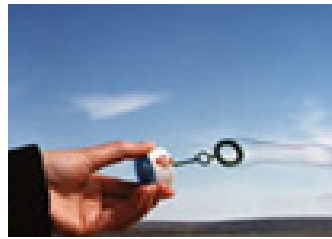
Hydropower's will increase at 3.1% p.a., maintaining the share of 4% in the electricity generation mix



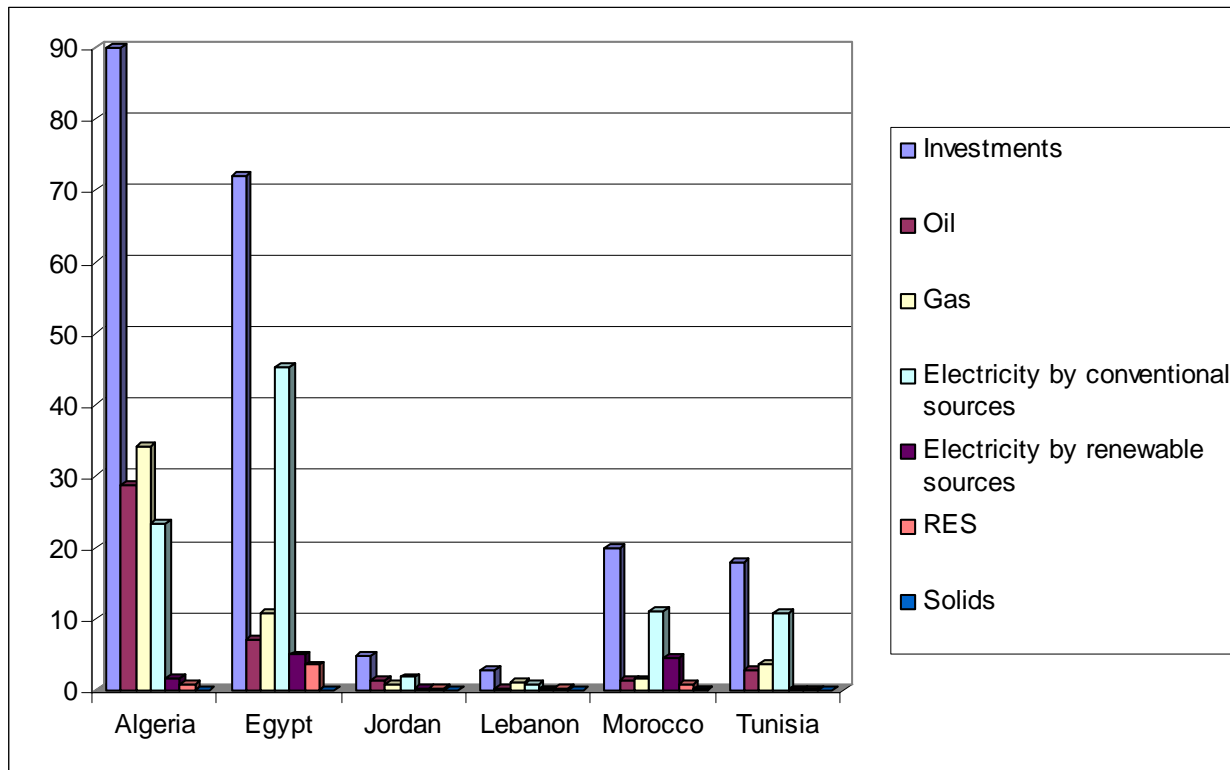
Source: IEA



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2000-2020 up to 200 bn € of investments in the energy sector will be needed in the North African region



Source: IEA

For the MENA region, this figure will be approx. 380 bn €



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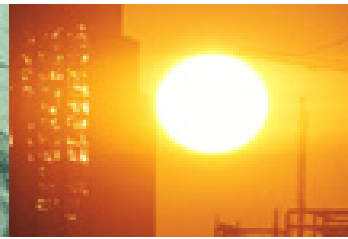


Key Issues for the uptake of REES

- Need for favorable regulatory framework
- Need for Capacity building
- Chances for CDM projects
- Need for private investment



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