

**Environment and Climate Investments:
Implementation and Innovative Approaches
“The European Investment Bank Experience”**

Athens, 13th May 2014
UfM Ministerial Meeting on Climate and Environment



The European Investment Bank

- The European Investment Bank is the bank of the European Union. Our shareholders are the 28 Member States of the EU.
- We are the world's largest multilateral lender by volume, providing finance and expertise for sound and sustainable investment projects within and outside the EU.
- We provide finance and expertise for sound and sustainable investment projects which contribute to furthering EU policy objectives. Around 90% of our activity is focused on Europe, but we also support the EU's external and development policies.

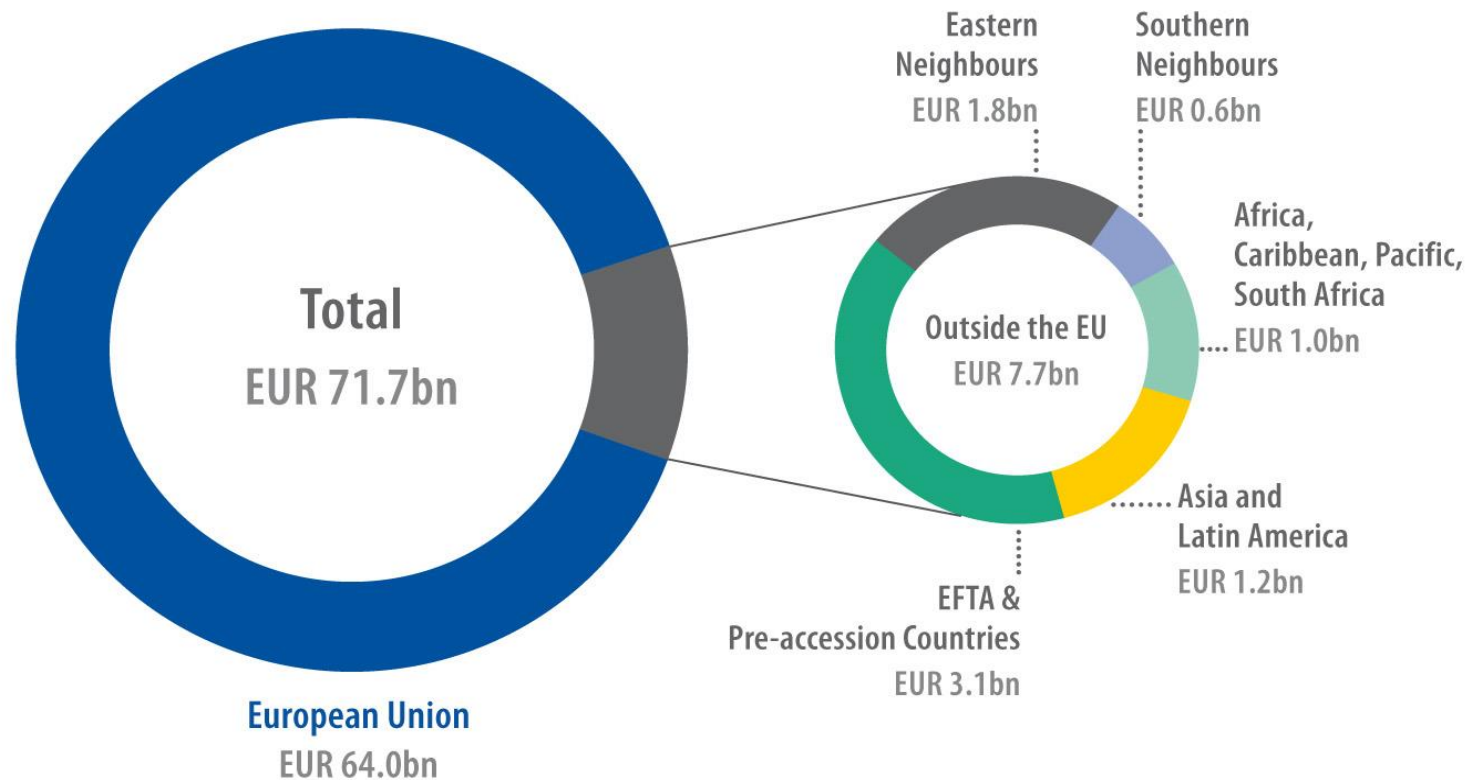


Lending, blending and advising

- **Lending:** The vast majority of our financing is through loans, but we also offer guarantees, microfinance, equity investment, etc.
- **Blending:** Our support helps us unlock financing from other sources, particularly from the EU budget. This is blended together to form the full financing package.
- **Advising:** Lack of finance is often only one barrier to investment. We can help with administrative and project management capacity which facilitates investment implementation.



Lending outside EU in 2013: EUR 7.7bn

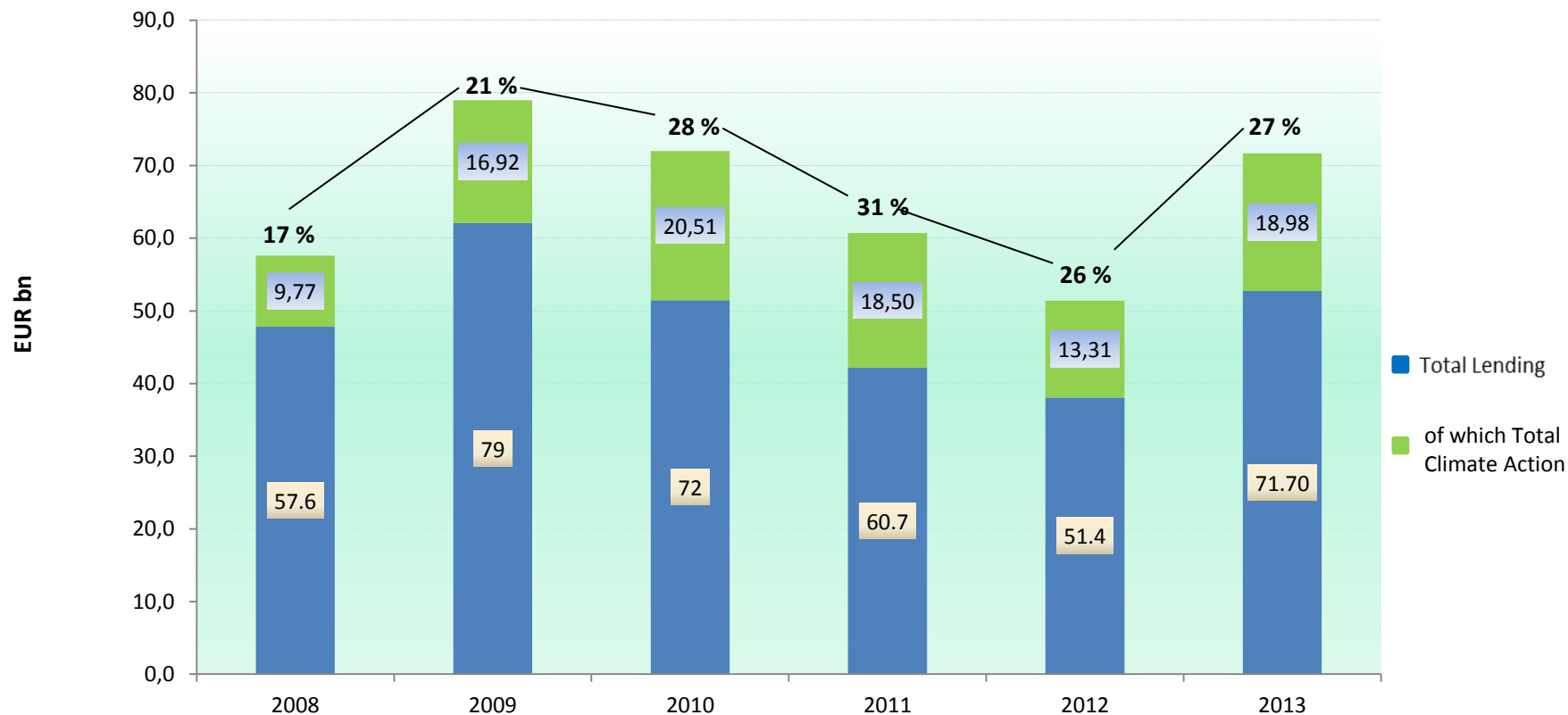


Pre-accession Countries include:

Candidate Countries: Iceland, the Former Yugoslav Republic of Macedonia, Montenegro, Serbia and Turkey.

Potential Candidate Countries: Albania, Bosnia and Herzegovina, Kosovo*.

Climate Action lending (2008-2013)



Climate action lending target of >25% of overall lending



Operations in the Mediterranean Partner Countries



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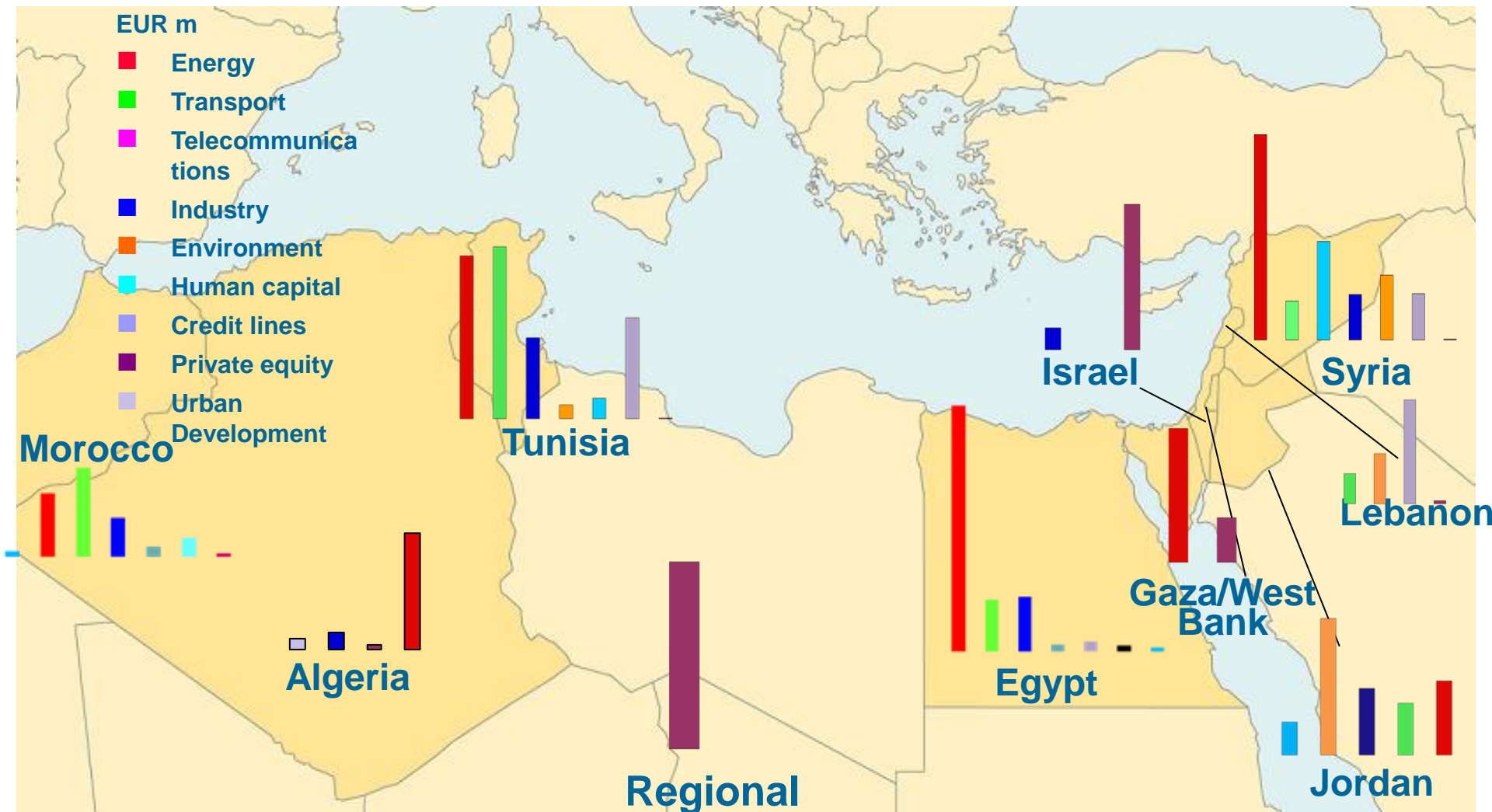
- **Support the modernization and opening up of economies**
 - Investment to support the private sector and create an investment-friendly environment
 - Operates through the Facility for Euro-Mediterranean Investment and Partnership (FEMIP), which brings together EIB's toolkit for the region.
- **Considers climate action and environment as priorities**
 - Blending of loans and grants is used across the region in support of energy efficiency, renewable energy, transport, water and wastewater and solid waste.
 - Climate operations include both mitigation and adaptation actions



Operations in the Mediterranean Partner Countries



2002-2014: close to EUR 15bn





FEMIP Trust Fund

- Technical assistance, upstream studies, targeted private equity operations
- Water, solid waste and the environment, energy, transport; research development and innovation, urban development and human capital
- New Climate and Environment Window under discussion
- National Appropriate Mitigation Action (NAMA) Potentials' study under development

Contributions from the donors as of 31 December 2012

Donor		Total
		(EUR '000)
	Austria	2 000
	Belgium	1 000
	Cyprus	1 000
	European Commission	1 000
	Finland	1 000
	France	5 500
	Germany	2 000
	Greece	3 000
	Ireland	1 000
	Italy	2 500
	Luxembourg	1 800
	Malta	1 500
	Netherlands	2 000
	Portugal	1 000
	Spain	10 000
	Sweden	1 000
	United Kingdom	3 016
Total		40 316



Climate Operations in the Mediterranean Partner Countries “2008 – 2013”

Egypt

- Gulf of El Zayt Wind Farm, 2009
- Cairo Metro Line 3, 2012

Jordan

- Tafila Wind Farm, 2013

Lebanon

- Lebanon Energy Efficiency and Renewables GL, 2012

Tunisia

- Réseau Ferroviaire, Railway Lines, 2010

Morocco

- Fonds Capital Carbone Maroc, 2008
- Tramway Rabat, 2009
- Central Solaire de Quarzazate, Solar Power Plant, 2012
- Plan Maroc Vert PNEEI, National Irrigation Water Saving Program, 2012
- ONEE – Projet Eolien, Wind Farms, 2013

Israel

- Sorek Desalination Plant, 2011
- Mekorot Ashdod Desalination Plant, 2011
- Better Place Electric Vehicle Service, 2012
- Israel Chemicals LTD, IPP Combined Cycle Gas Turbine Power Plant, 2012



Case Studies

Ouarzazate Solar Power Plant – Morocco



- Initial capacity of 125-160 MW
- Avoid the generation of at least 250 000 tons of CO².
- Part of the Moroccan Solar Plan, the largest solar power plant in North Africa.
- With a EUR 200m loan from EIB, the total project volume is EUR 807m





Cairo Metro Line 3 – Egypt

- Reinforce the public transport system with a target of **119kton CO2** saving per year
- Alleviating congestion and associated environmental problems, contributing to climate change mitigation
- Part of the Greater Cairo's Transport Master Plan and is expected to greatly.
- A EUR 200m loan from EIB plus EUR 40 M contribution from the Neighborhood Investment Facility.



- EC-led H2020 initiative with an EUR 7.2M Technical Assistance programme led by the EIB
- FEMIP funded Mediterranean Hot Spots Investment Programme – Project Preparation and Implementation Facility (MeHSIP-PPIF)
- Identified high priority pollution reduction projects for a project pipeline and prepared four demonstration projects in different countries and sectors.
- EIB and EC plans for MeHSIP II:
 - Extend the scope to include water resources and waste management aimed at natural resource efficiency and climate action.
 - Target also areas that do not drain into the Mediterranean
 - Aim to maximise contribution to regional development, sustainable growth and job creation



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- Horizon2020**
- Tunisia**
- H2O20 Project Pipeline**
- Map of Tunisia showing the H2O20 Project Pipeline. The map displays various cities and regions, with project locations marked by colored symbols. A legend in the bottom right corner defines the symbols: City (black dot), Environmental hotspot (red dot), Wastewater management project (white circle), Municipal waste project (yellow star), Industrial emissions project (yellow square), Completed project (green square), Ongoing projects (yellow square), and Under preparation (yellow square). A scale bar indicates 150 km.





Thank you

