

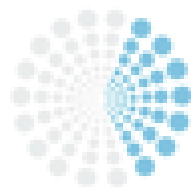
# Greenhouse Gas Modelling Seminar

Bari, November 10-14, 2014



**Clima****SOUTH**

&



**ClimaEast**



*Projects Funded by the  
European Union*

**ClimaSouth web site / KB platform** <http://www.climasouth.eu/>



Project funded by the European Union  
Euro South Mediterranean Initiative  
Climate Resilient Societies  
supported by Low Carbon Economies

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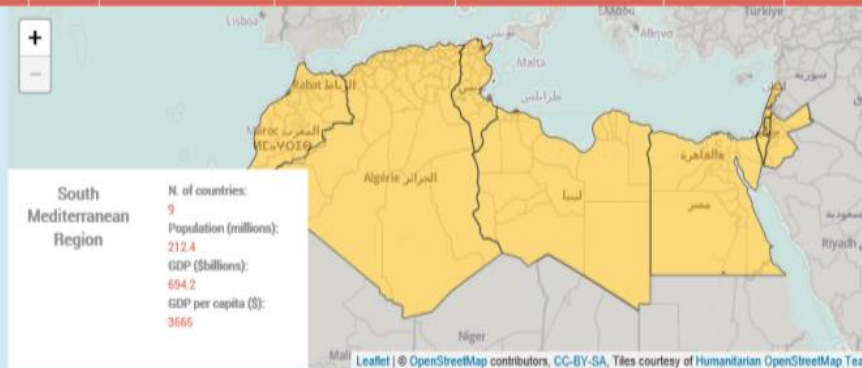
GLOBAL DEVELOPMENTS

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#### NEWS & EVENTS

National Stakeholders Workshop in Jordan: Climate Change Capacity Building & NAMA identification, formulation  
AMMAN, JORDAN - 19-21 August 2014

Good practices for GHG inventory presented to South Mediterranean countries  
GENOA, ITALY - 23-27 June 2014

#### PROJECT COMPONENTS

##### Capacity building / development

On the implementation of Climate Change instruments

##### Low carbon development

Best practices in GHG emission reporting, modelling & analysis

##### Resilience Adaptation

Improving climate data use, modelling & planning

##### Climate Change finance

Facilitating access to finance mechanisms

##### Promoting regional dialogue

Supporting national initiatives

The ClimaSouth project supports climate change mitigation and adaptation in 9 South Mediterranean countries: Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine and Tunisia. The project was initiated in February 2013 and will be implemented over 48 months with a total budget of € 5 million provided by the European Union. Key stakeholders include technical government departments at operational and policy level, UNFCCC focal points, decision makers, and other stakeholders such as local government and civil society representatives. Its overall objective is to assist with the transition of partner countries towards low carbon economies and enhanced climate resilience.

Cooperation under the European Neighbourhood Policy

EU Neighbourhood Info Centre

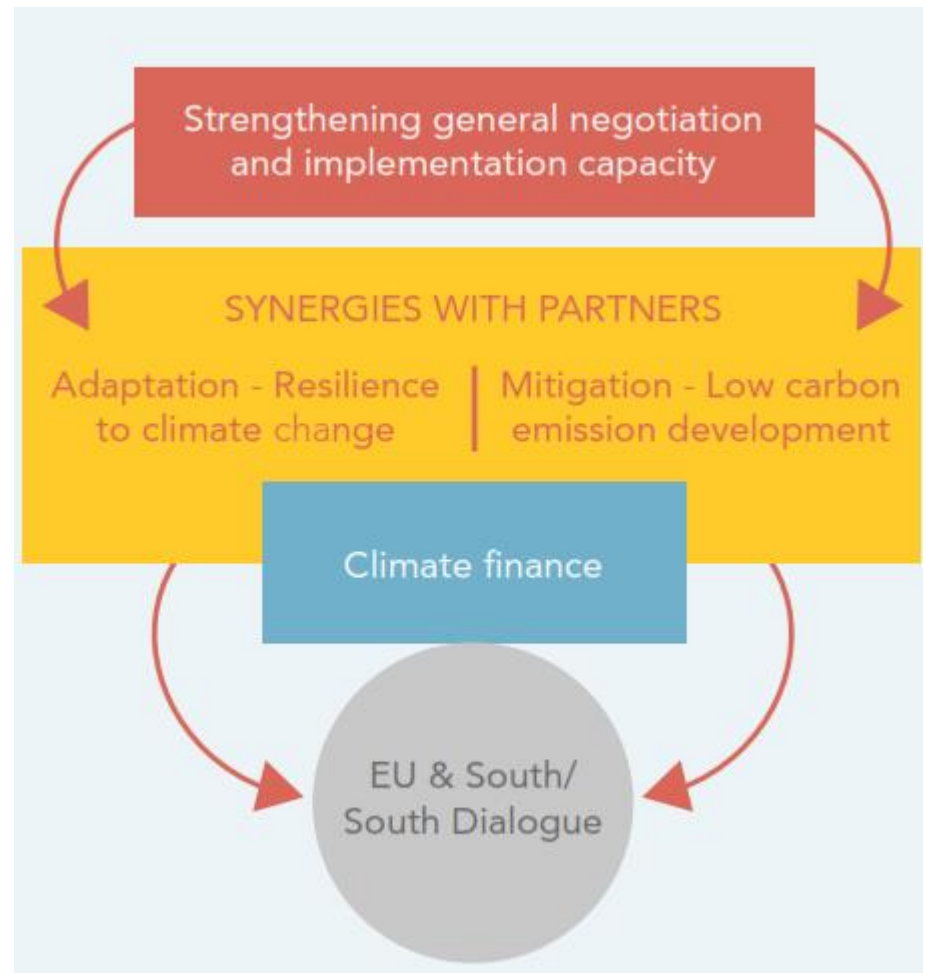


**Objective:** To support the transition of 9 Mediterranean Countries towards low carbon development and climate resilience, by enhancing appropriate actions through capacity development, resource mobilization and proactive climate risk management.

**Where:** Algeria, Lebanon, Morocco, Tunisia, Libya, Egypt, Palestine, Israel and Jordan

### HOW ?

- **Thematic workshops** to address issues of regional character;
- **National activities** linked to the work programme & potential replication in the region.
- **EU-South/South country dialogue** website/platform



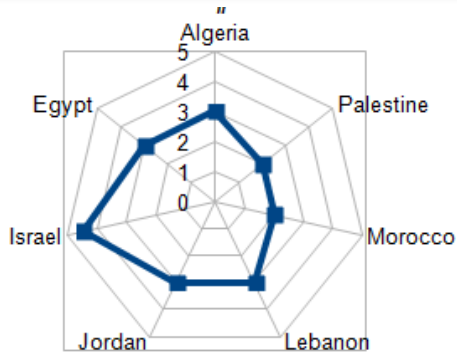
# ACTIVITIES ON RESILIENCE TO CC

- **ALGERIA** : EWS => Impacts of climate change on forest fires.
- **EYGPT** : CENTRE FOR CLIMATE CHANGE
- **LEBANON** : Strenghting EWS in the Bekaa Valley
- **TUNISIA** : kickoff workshop =>Adaptation options for Oasis.
- **PALESTINE**: multifocus capacity building (Low carbon development+resilience)

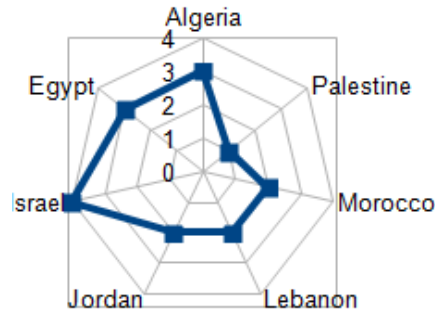
# GHG ANALYSIS CONTEXT

- **Availability of data** is required but often incomplete or missing to work in GHG inventories / modelling :emissions & energy consumption per sector / statistics per activity;
- Analysis of the national and regional/international situations, including **indicators other than GHG or energy** are necessary such as **impacts of measures related to issues other than “GHG only”** => growth, employment, air pollution, energy security, public revenues...etc.
- The choice of modelling tool used to prepare baseline scenarios tends to be **a trade-off between performance and resources available** (including human capacities and data availability) => Improving the situation/international context?

# FINDINGS AND ACTIONS ON LOW CARBON DEVELOPMENT



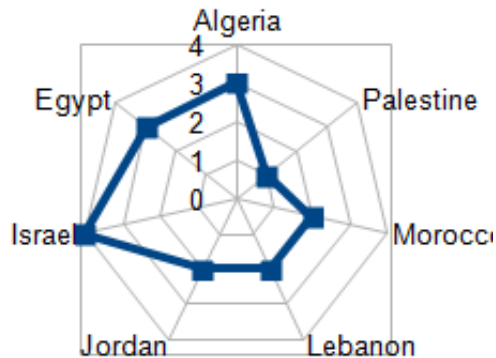
**GHG Data analysis**



**Mitigation options & NAMAs identification**

## Jordan: Solar Water Pumping project

- Direct benefits: Expected CO<sub>2</sub> reduction: Annual Economic Savings for 243 SWP = saving of total annual consumption of fossil fuel+electricity
- Socio/economic co-benefits
- Environmental co-benefits



**GHG Mitigation modelling**

## Morocco: Supporting a NAMA development

Under review: Adoption of measures to stimulate the uptake of solar hot water systems and/or accelerate use of efficient lighting (CFL) and/or use of PV in building => NAMA

ISRAEL

BUR/NIR training

# OBJECTIVES OF THE SEMINAR

- Facilitate exchange & learning among ClimaSouth and ClimaEast countries (3 examples: Belgium, Tunisia, Azerbaijan)
- Introduce to use the GHG modelling LEAP software (Long-range Energy Alternatives Planning System) for GHG mitigation assessment.
- Identify and organise follow-up action to assist countries with GHG modelling

# Mitigation & Adaptation in the Southern Mediterranean Region



**Clima**SOUTH

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Thank you !

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