



**Mediterranean Hot Spot Investment  
Programme:**  
*Project Preparation and Implementation Facility*  
(MeHSIP-PPIF)

**Horizon2020**  
INVESTMENT COMPONENT | MeHSIP-PPIF

**4th Horizon 2020 Steering Committee Meeting**  
*22 March 2011, Amman*

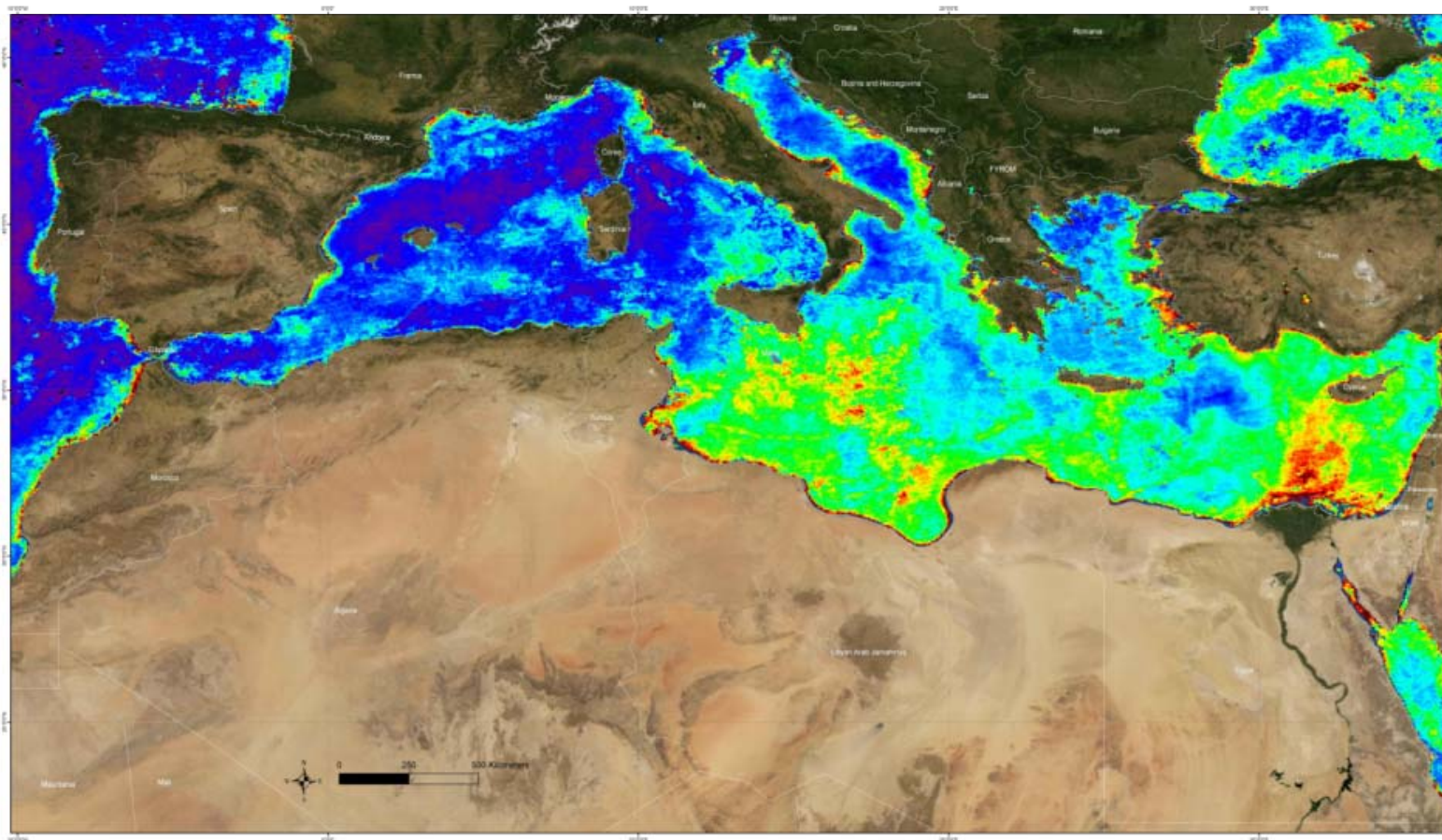
**POLLUTION REDUCTION PROJECT COMPONENT**

Mr. Otto Hüsken, European Investment Bank

# HORIZON 2020: DE-POLLUTING THE MEDITERRANEAN

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Mediterranean Hot Spot Investment Programme - Project Preparation and Implementation Facility



Satellite composition depicting colored dissolved organic matter (CDOM) in the Mediterranean as recorded by the MODIS Aqua satellite sensor during March 2010. Along with natural processes, human activities affect CDOM levels in the water; therefore higher values of the CDOM index (yellow to dark red) may indicate pollution hot spots.

Chromophoric Dissolved Organic Matter Index



Map composition processed by the Remote Sensing Team of the National Observatory of Athens (NOA-ISARS).  
Satellite data © NASA, <http://oceancolor.gsfc.nasa.gov>





# EIB's Lending Policy

- Development of Integrated Projects
- Adaptation to Climate Change
- Water/Energy/Waste efficiency
- Development of new infrastructures
- Consolidation of Institutional Framework
- Support to service providers to enhance performance

## Criteria: “Intangibles” : Is this the right project?

### A project that supports sector development:

- Real and well-understood objective: **The justification**
- Consistency with a strategic approach, project should support sector improvement & development: **The Master Plan**
- Systematic project selection: **The Options Assessment**
- Fast-track solutions, phasing to achieve quick results: **The Commitment**
- Replicability and demonstration effects: **The Feed-back, show the way**

### An appropriate process:

- Rational and transparent process of establishing and assessing priorities and comparing options
- Participation of stakeholders, local and national ownership
- Consistency with policies in other sector (eg energy, agriculture, industry)

## Criteria: “Tangibles” : Is this project sustainable?

### Quality of project planning and design :

- **Technical, financial and economic viability**

- **Technical**: Demand forecast, design, technology, planning and phasing to cope with uncertainty & cost
- **Financial**: Cost recovery, debt service, robust IRR
- **Economic**: Cost-effectiveness of selected solution, least cost solution, acceptable ERR

- **Environmental and social soundness**

- **Environmental & social**: Options assessed, E&SIA, EMP, affordability for low-income populations
- **Climate Change**: Energy efficiency measures; resilience of the project to climate change impacts, and impacts on resilience of surrounding region.

*Common issues: Over-designed, low cost recovery, high env. or social impact, not affordable to all users*





## Criteria: “Tangibles” : Is this project sustainable?

### Quality of project procurement and implementation:

- **Transparent and sound procurement strategy**
  - **Procurement:** International and national open procurement, following EU procurement Directive
- **Professional project implementation strategy**
  - **Project Management:** Use of modern project management tools to deliver the project in time and within budget
  - **Construction Contract:** Use of international best practice and of FIDIC documents
  - **Construction Supervision:** Experienced (international and national) consulting companies to guarantee construction quality and lifetime of assets



## Criteria: “Tangibles” : Is this project sustainable?

- Quality of the entities that plan, regulate, implement and operate:
- **Institutional & Organisational Performance**
  - Governance, planning, regulation of sector and providers
  - Regulated and viable service providers
  - Adequate technical and human resources to execute projects
  - Operational sustainability – financial (revenues) and human resources to operate the system as well as the means to maintain the assets

# MeHSIP-PPIF

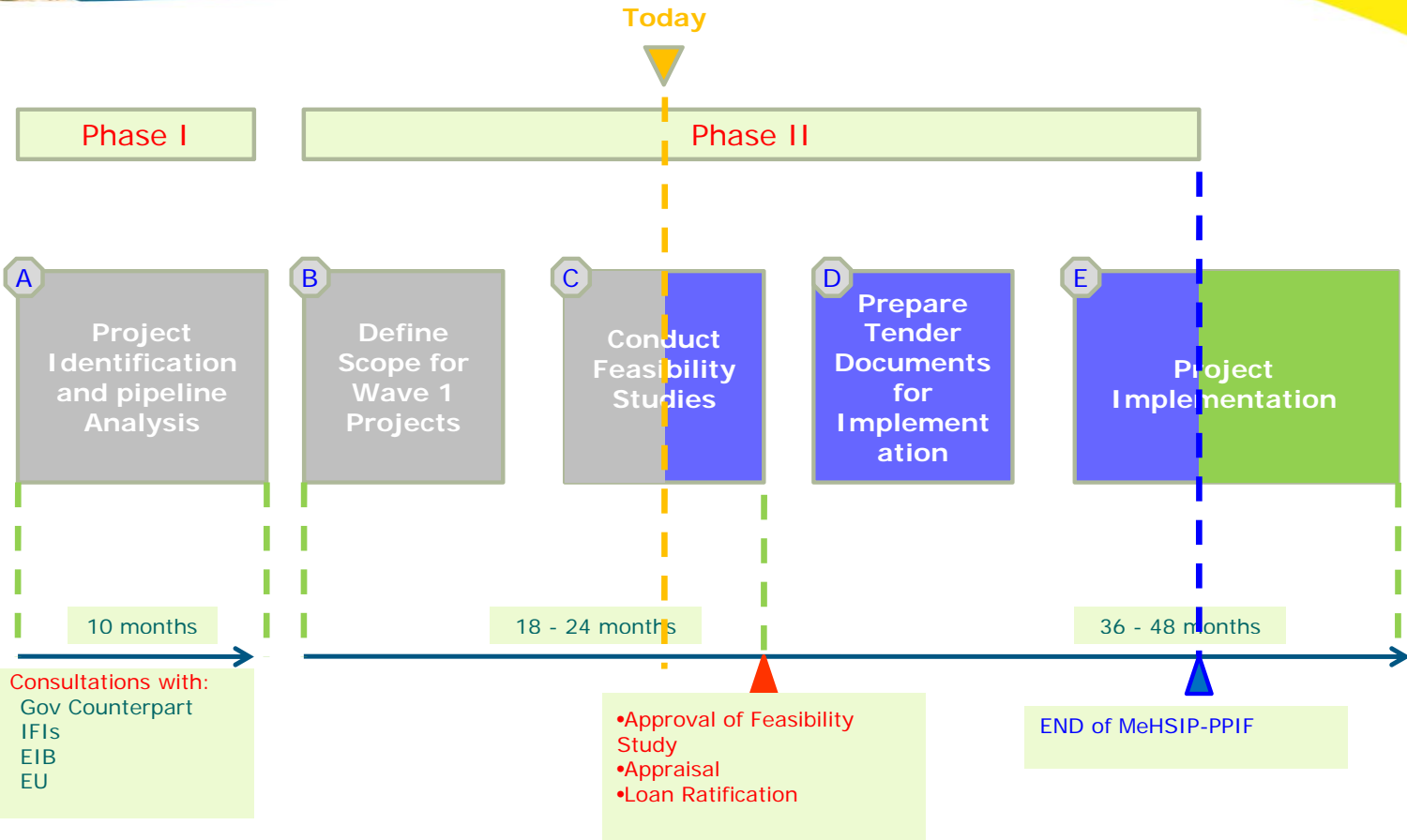
- Geographic coverage:
  - Mediterranean partner countries: Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Occupied Palestine Territory, Syria and Tunisia
  
- Components of MeHSIP-PPIF:
  1. Governance & Support to Horizon2020 Initiative
  2. Sectoral Support
  3. Management of Hotspots & Project Pipeline (key component)
  4. Knowledge Management & Capacity Building



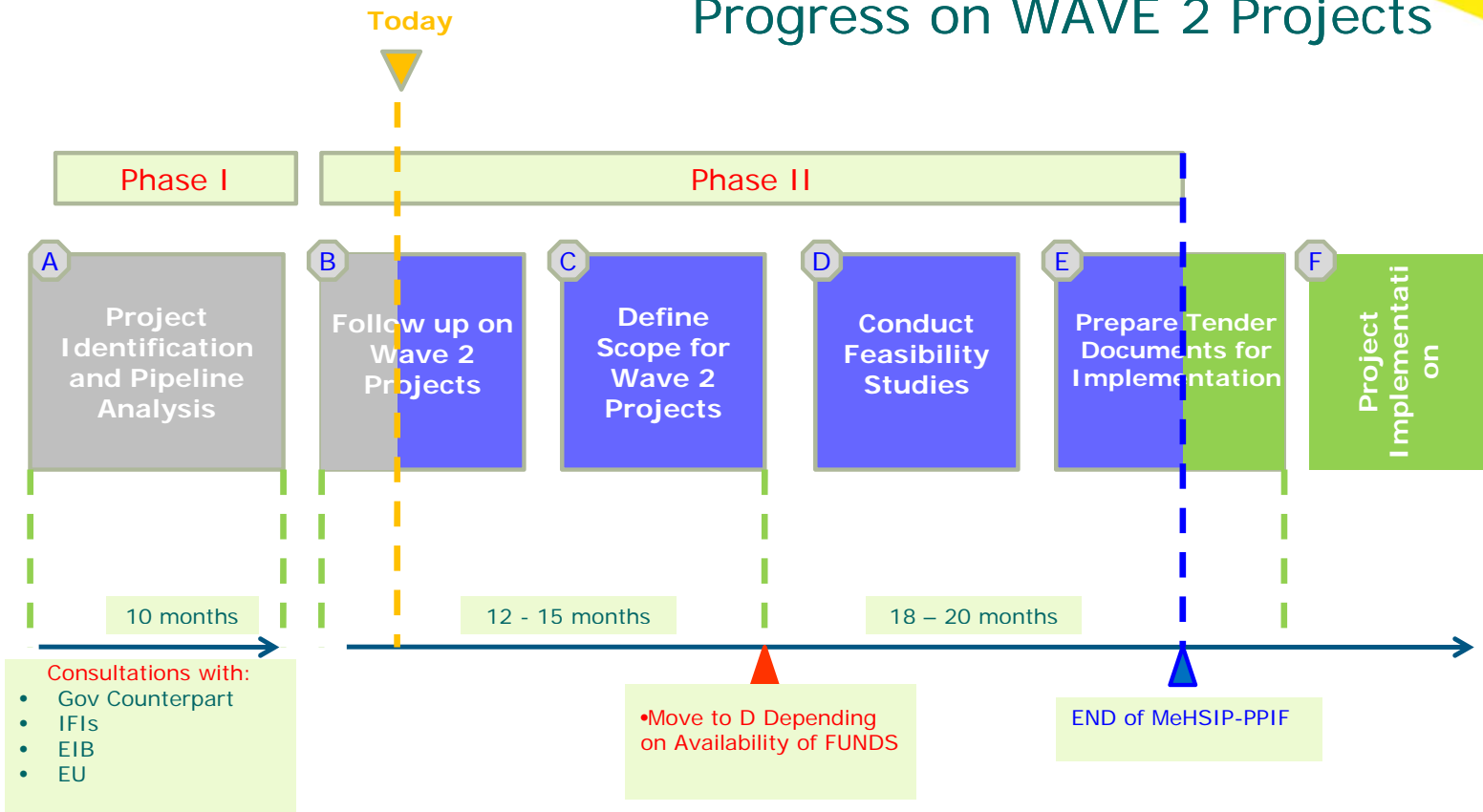
# Wave 1 Projects

Nr.	Country	Sector	Project	Cost M Eur
15	Israel	SW	Netanya Landfill Mining and Reclamation	50
38	Jordan	SW	Integrated Solid Waste management Project (El-Ekaider)	35
46	Lebanon	WW	Lebanon - Al Ghadir Water & Wastewater	59
53	Morocco	SW	Integrated Solid Waste management - Tangier	30
72	Tunisia	Integrated (IE/SW/WW)	Integrated intervention program for de-pollution of lake Bizerte	61

# Progress on WAVE 1 Projects



# Progress on WAVE 2 Projects



# Next Steps

## The MEHSIP-PPIF Team

- Continue project preparation for 1<sup>st</sup> and 2<sup>nd</sup> wave projects (MeHSIP-PPIF Pipeline)
- Ensure proper Knowledge Management through:
  - Project Fact Sheets and Country Fact Sheets
  - Coordination with existing key stakeholders/initiatives
  - Populating the Web based platform with project information
- Identify capacity development needs
- Identify possible sources of grant co-financing for project development and implementation (e.g. NIF)

## And you

- Engage into financing talks with national administrations to mobilise funding to accelerate project implementation



*Thank you for your attention...*

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*... any questions?*