

THE TWINNING TEAM

ITALY

- Italian Ministry for the Environment, Land and SEA (IMELS)
- CNR (National Research Council)
- APAT (National Environmental Protection Agency)
- ISS (National Health Institute)
- Studiare Sviluppo (International Project Logistics)

FRANCE

- French Ministry of Ecology, Sustainable Development and Planning
- OIEAU (International Office for Water)

AUSTRIA




- Ministry for Agriculture, Forestry, Environment and Water Management
- Austrian Environment Agency

➔ A balanced mix of Mediterranean and Central European approaches

Component 1

Enforcement and data utilisation

Challenges:

-  A comprehensive understanding of water sector legislation and Egypt's needs for strengthening enforcement mechanisms. Principles and regulatory framework.
-  From legal texts to implementation on the ground in Egypt and in the EU. Harmonising Gaps.
-  Sharing competence and efficient cooperation among Egyptian institutions. Participation.

Component 2

Improvement of water quality management



Monitoring guidelines, biological quality elements, site specificity, risk-based approach, data integration



Strengthening of regional laboratories



An enhanced water quality monitoring programme for River Nile + Lake Nasser

Component 3

IWRM Guidance for Lake Nasser

Pilot Test of Integrated/Intersectorial Water Management

Draft river basin management in line with procedural steps + provisions of EU Water Acquis



Procedures in place in the European Union for the protection of water quality and pollution control



Pressure & Impact assessment, modelling, recommended intervention measures, Accidental pollution

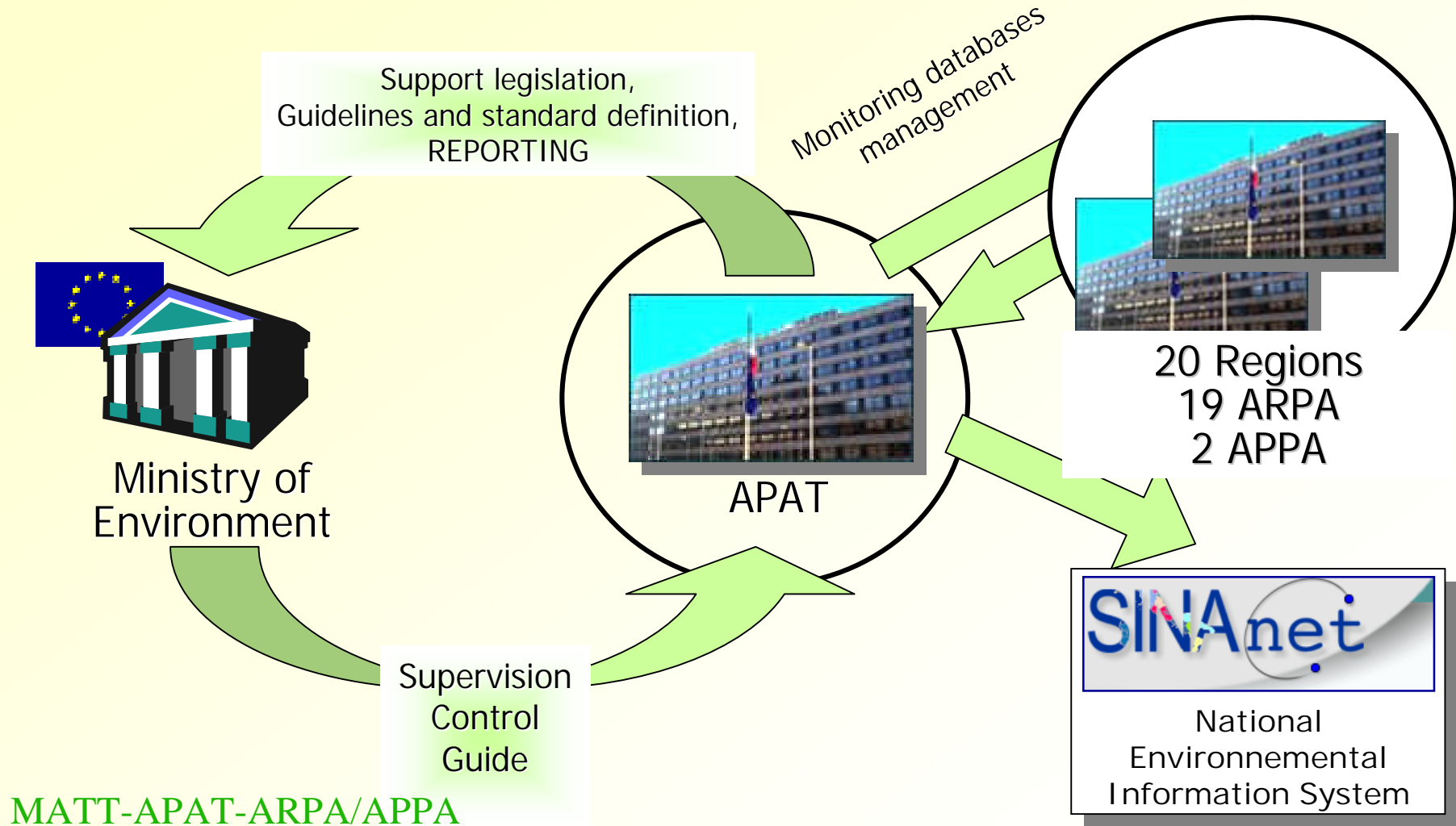


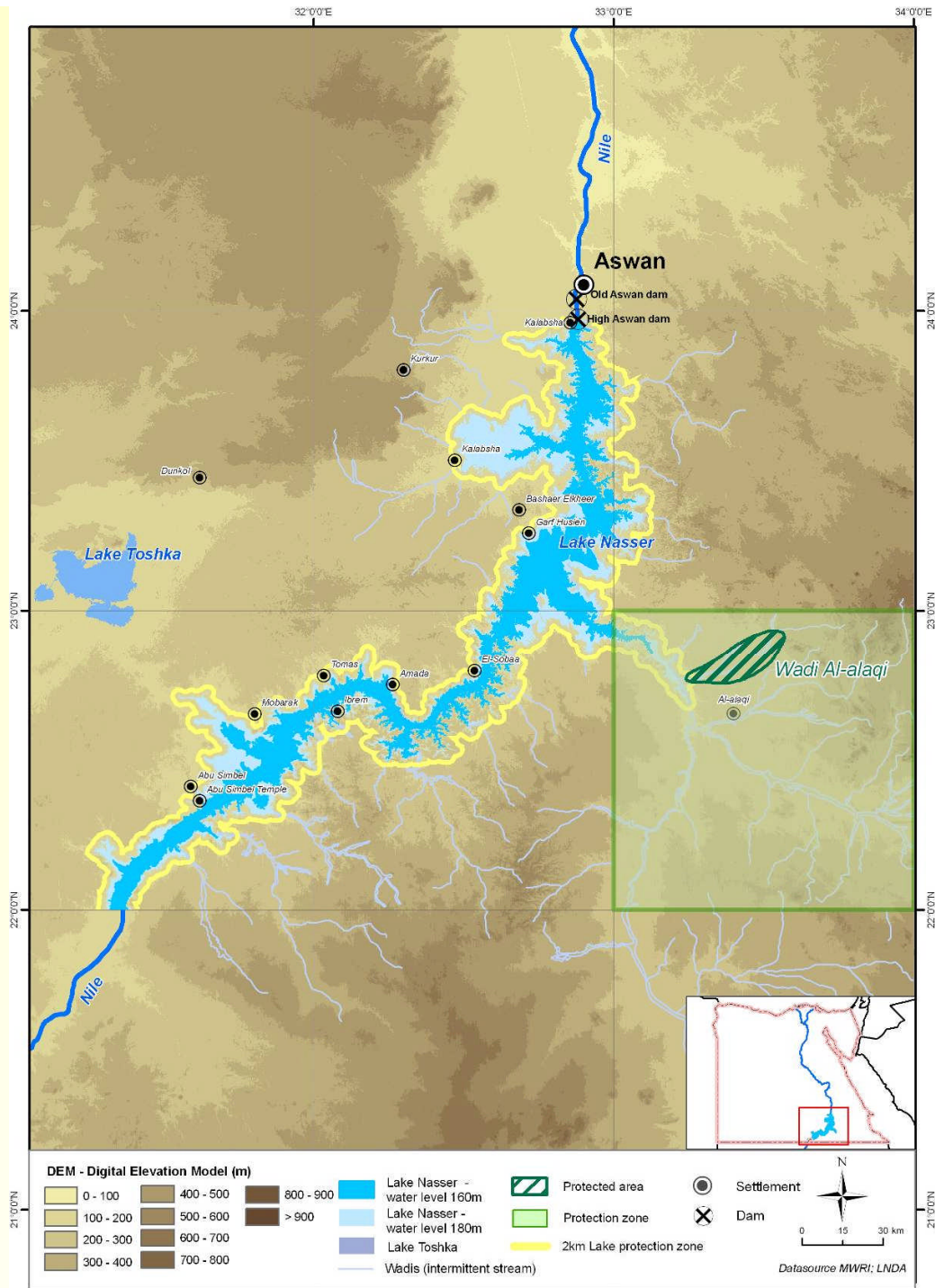
Coordination among institutions and involvement of stakeholders

Lake Nasser authorities

- Ministry of Water Resources and Irrigation (MWRI)
 - Local actor: High Aswan Dam Authority (HADA)
- Ministry of Agriculture and Land Reclamation (MALR)
 - Local actor: Lake Nasser Development Authority (LNDA)
- Ministry of Housing, Utilities and Urban Development (MHUUD)
 - Local actor: Aswan Holding Company for Water and Wastewater
- Ministry of State for Environmental Affairs
 - Local actor: Egyptian Environmental Affairs Agency, Aswan branch (EEAA-Aswan)
- Ministry of Health and Population (MoHP)
- Ministry of Industry (MoI)
- Ministry of Transportation (MoT)
- Ministry of Local Development (MoLD)
- Ministry of Planning (MoP)
- Ministry of Finance (MoF)
- Ministry of Tourism (MoT)
 - Local Actor: Tourism Authority, Aswan branch

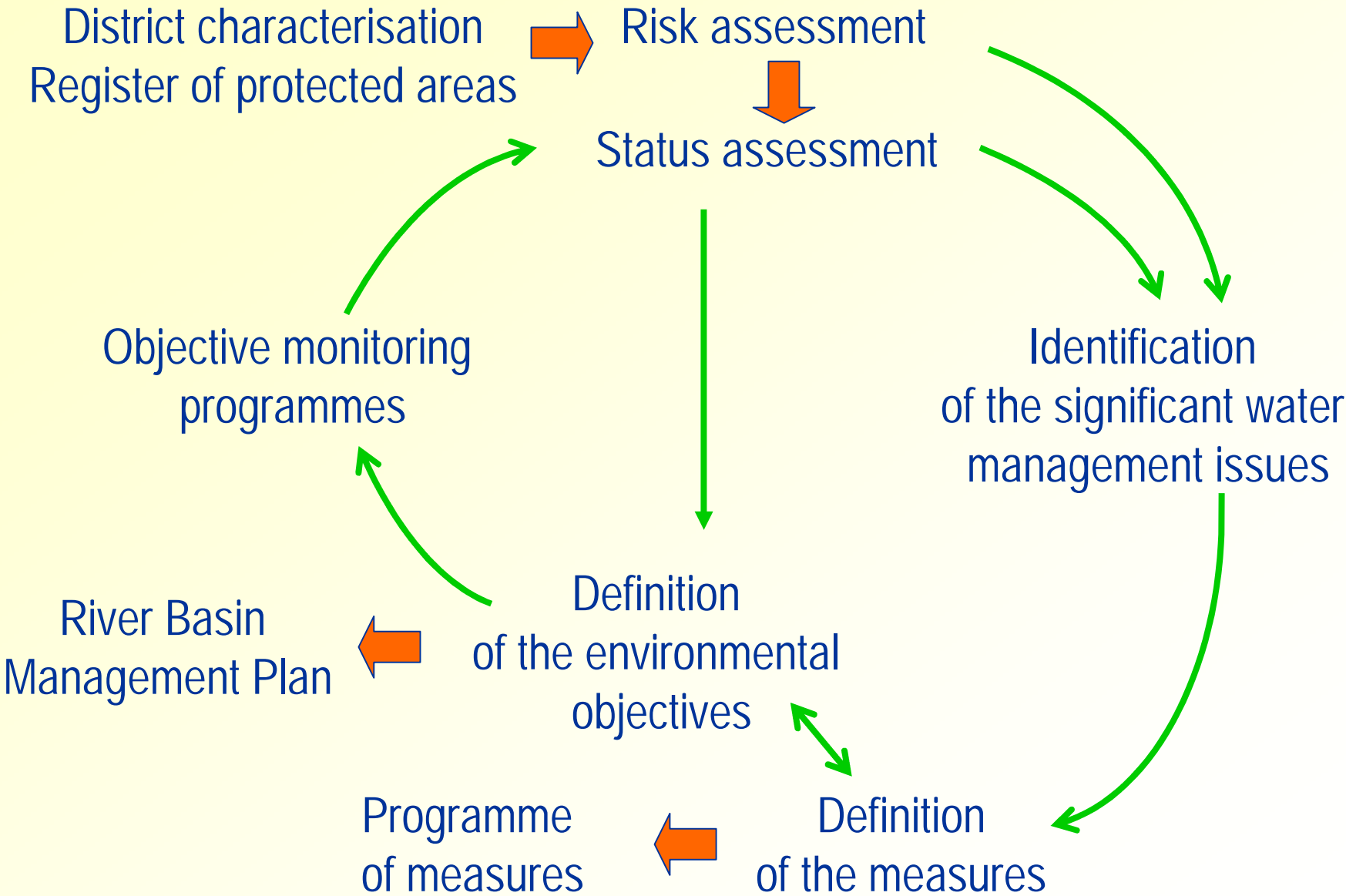
Environmental Protection Agencies: collection of data, monitoring and control





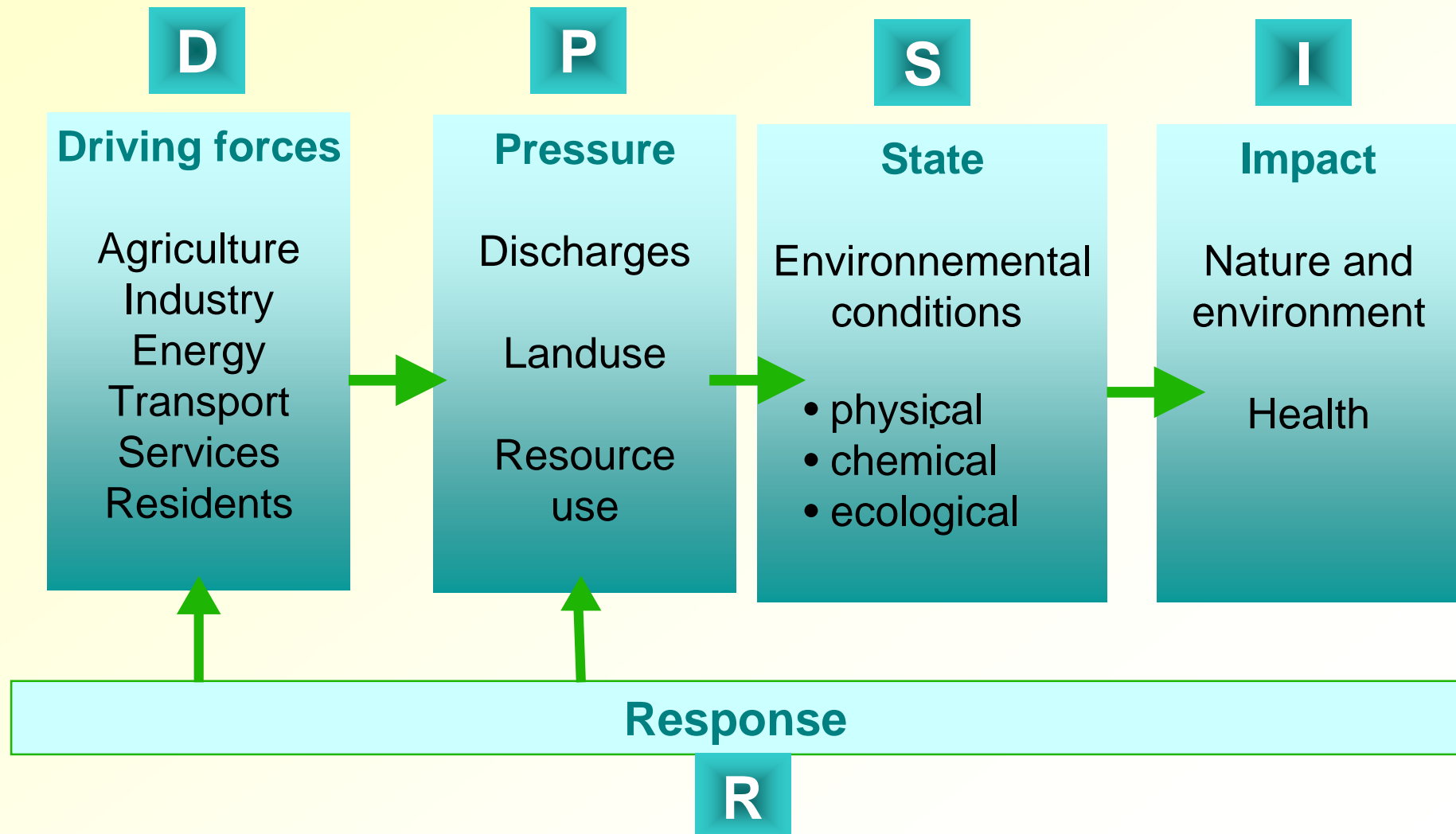


6. Remediation management



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The DPSIR concept



Activity 3.4 –Shipping pollution control

Based on relevant provisions, guidance, + experiences in place (EU, France, Italy + Austria, in the rivers Rhine with Rhine Navigation Commission, Danube, Seine)



Sectoral assessment of contribution to pollutants' concentration



Guidance to reduce pollution from shipping tailored to the specific situation of the Nile



Proposals for intervention measures

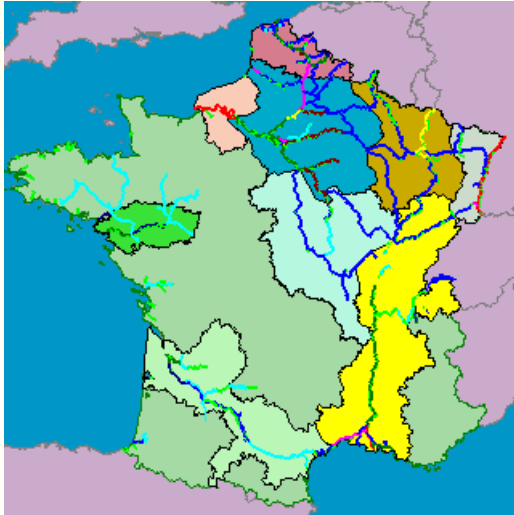
Component 3 – Study tour for a concrete insight in best practice experiences (see activity 23 study visit)



● Best practice in port management on French riviera



● Lagoon of Venice : management of one on the highest ship concentration in the world



Cairo, March 25 2008

● France : largest network of navigable waterways in Europe

Activity 3.5 – Accidental pollution control

Alert and emergency response systems + experiences in France, Italy + Austria, in the rivers Rhine, Danube and Seine... Rhine Navigation Commission, Danube Commission...)



Guidelines addressing alert as well as emergency response actions tailored to the Nile



Implementation of Incident Response Scheme



Inter-ministerial Memorandum of Understanding

Component 3 – Implement Incident Response Scheme

Particular focus will be on training (see activity 33 study visit and activity 34 – pilot demonstration)



CEDRE specific expertise on accidental water pollution recognised worldwide: training CIPEL staff on Lemna Lake

Cairo, March 25 2008

Twining Project
MEDA EG/07/AA/EN09
Water Quality Management

www.aquacoope.org/Egypt

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