



23rd MEETING OF GTMO 5+5 EXPERTS

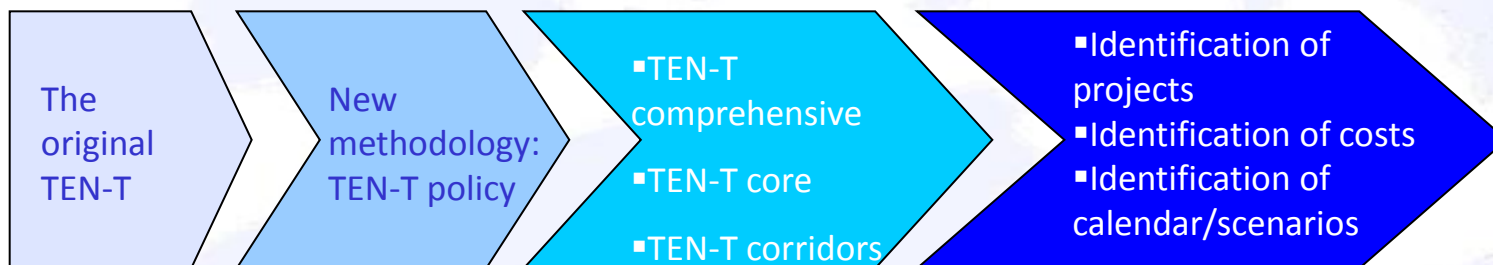
Barcelona, 18th July 2017

Future Infrastructure in the Maghreb

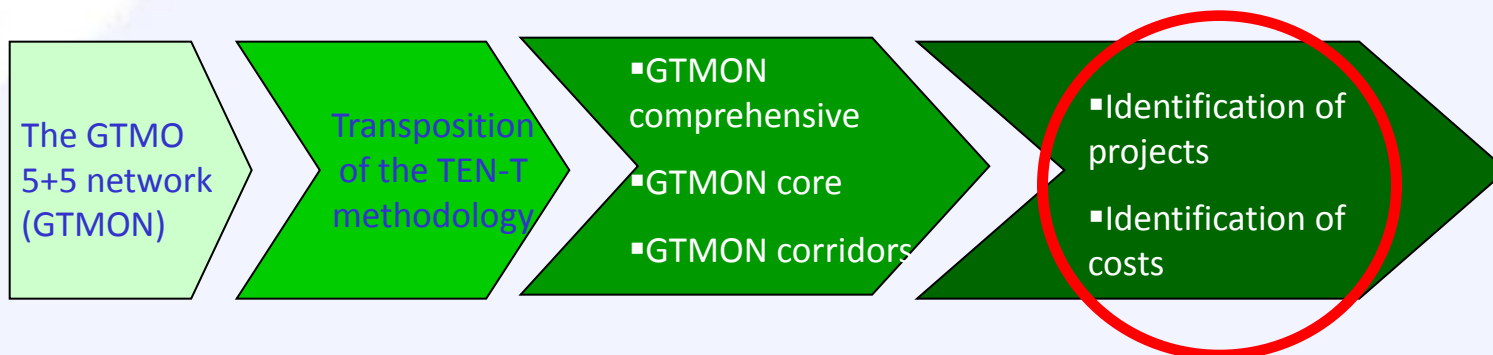
Framework of the document

The *Future Infrastructure in the Maghreb* document represents another step on the work for the future implementation of the GTMO 5+5 multimodal network, following the example of the conducted works for the TEN-T.

Milestones for the implementation of the TEN-T:



Milestones for the implementation of the GTMO 5+5 multimodal network:



Document and activity objectives

The *Future Infrastructure in the Maghreb* document aims:

- To define the state of the GTMO 5+5 core network.
- To provide an estimate of the costs for completion of the core network.

Disseminating this information will help increase awareness of the **efforts and work required** to complete this core network to make it a reality. Among all the network projects, it is very important to identify those with a **strategic nature** for the region.

Considerations of the document

Basic Information

- Maps adopted during the group's 8th Ministerial Conference.
- Information provided by the national experts to upgrade the state of the infrastructure.
- New information provided by the national experts relating to multimodal logistics platforms.

Linear Infrastructures

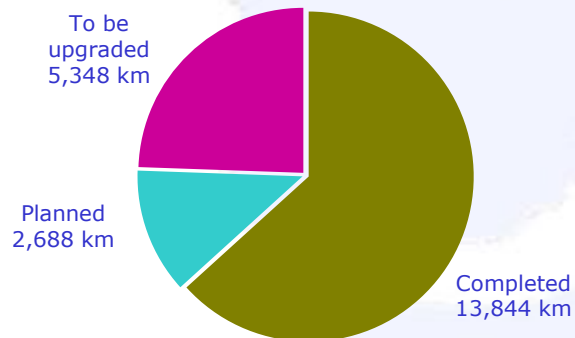
- Works to upgrade some segments of the road and rail networks are not covered.
- Road costs only reflect the direct cost of construction.
- Station construction costs are not included in railway costs.

Nodal Infrastructures

- Measures to improve existing ports, airports and multimodal logistics platforms have not been taken into account.
- Costs of these types of infrastructure are largely based on local conditions, which vary with each project.

State of the GTMO 5+5 Core Network

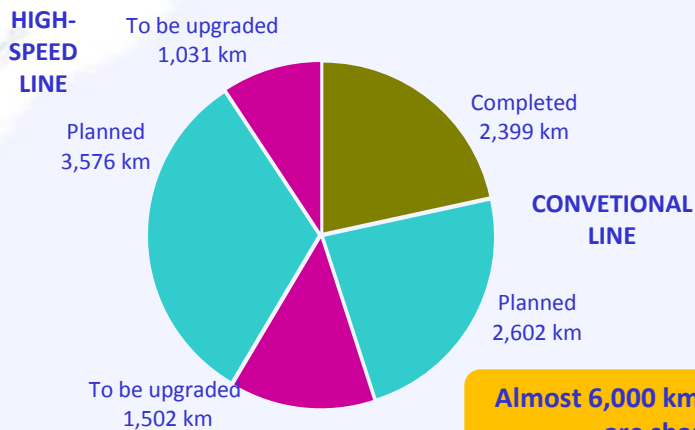
Length of the Core Road Network: 21,880 km



Nodal Infrastructures:

- Ports: 28 in service + 5 planned
- Airports: 26 in service + 1 planned
- Logistics platforms: 3 in service + 17 planned

Length of the Core Freight Rail Network: 11,110 km



Length of the Core Passenger Rail Network: 7,584 km



Almost 6,000 km of rail lines are shared

Cost of Completing the GTMO 5+5 Core Network

Methodological approach:

Planned Cost: provided by the competent administrations.

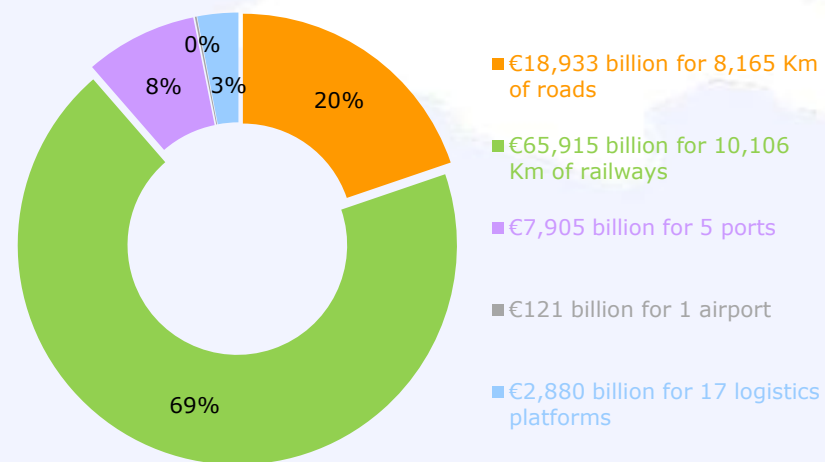
Estimated Cost: based on the document "Financing Needs for the Implementation of the Trans-Mediterranean Transport Network (TMN-T)" → Definition of **Average Unit Costs**.

Calculation of costs:

The cost of completing the whole
GTMO 5+5 core multimodal network
is €95.8 billion

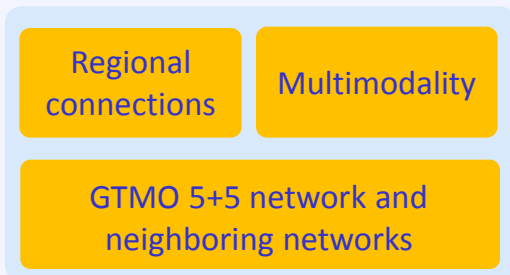
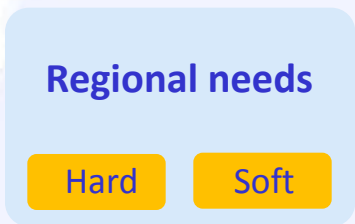
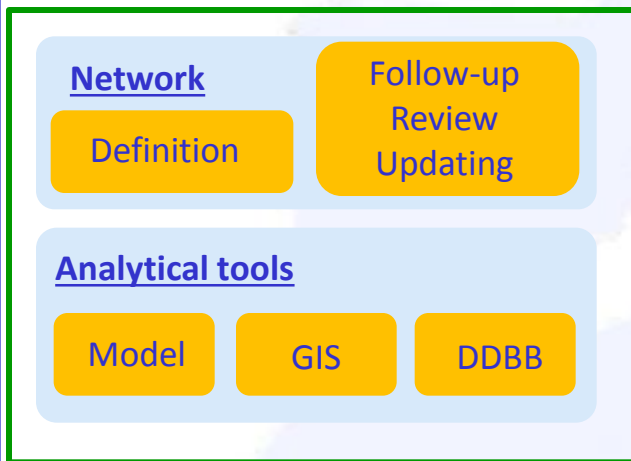


Investment of €4.8 billion per year to complete the
GTMO 5+5 core network in 2035

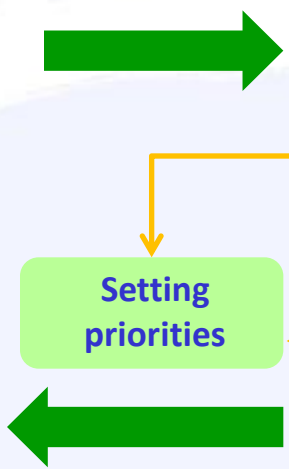
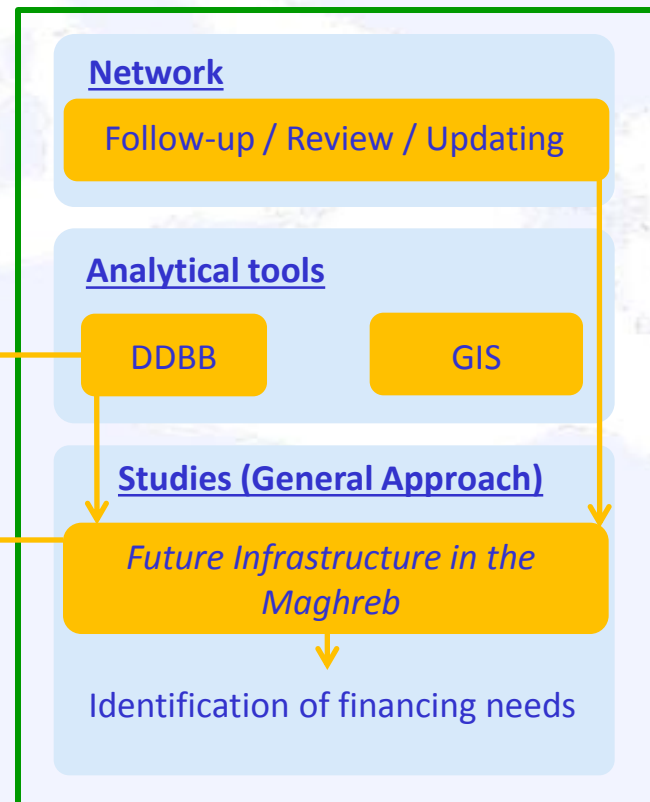


Implementation of the GTMO 5+5 core network

Past

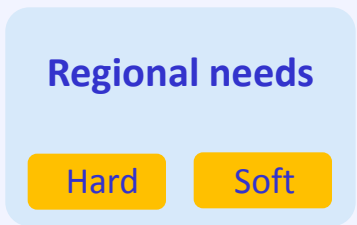
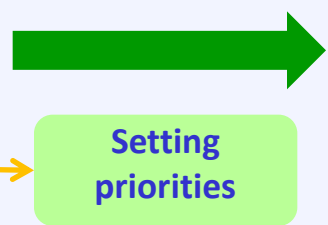
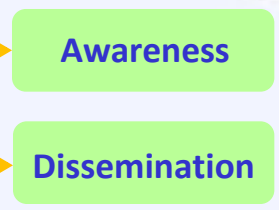
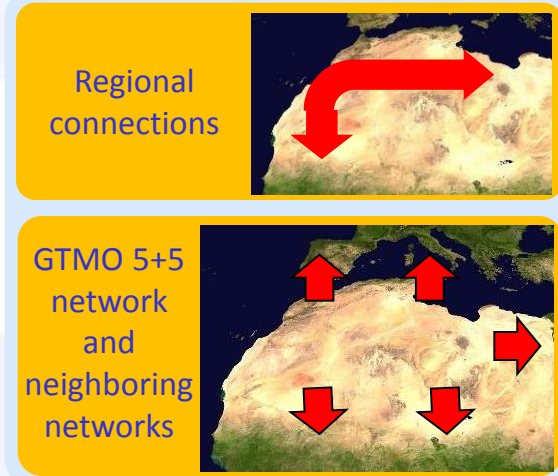
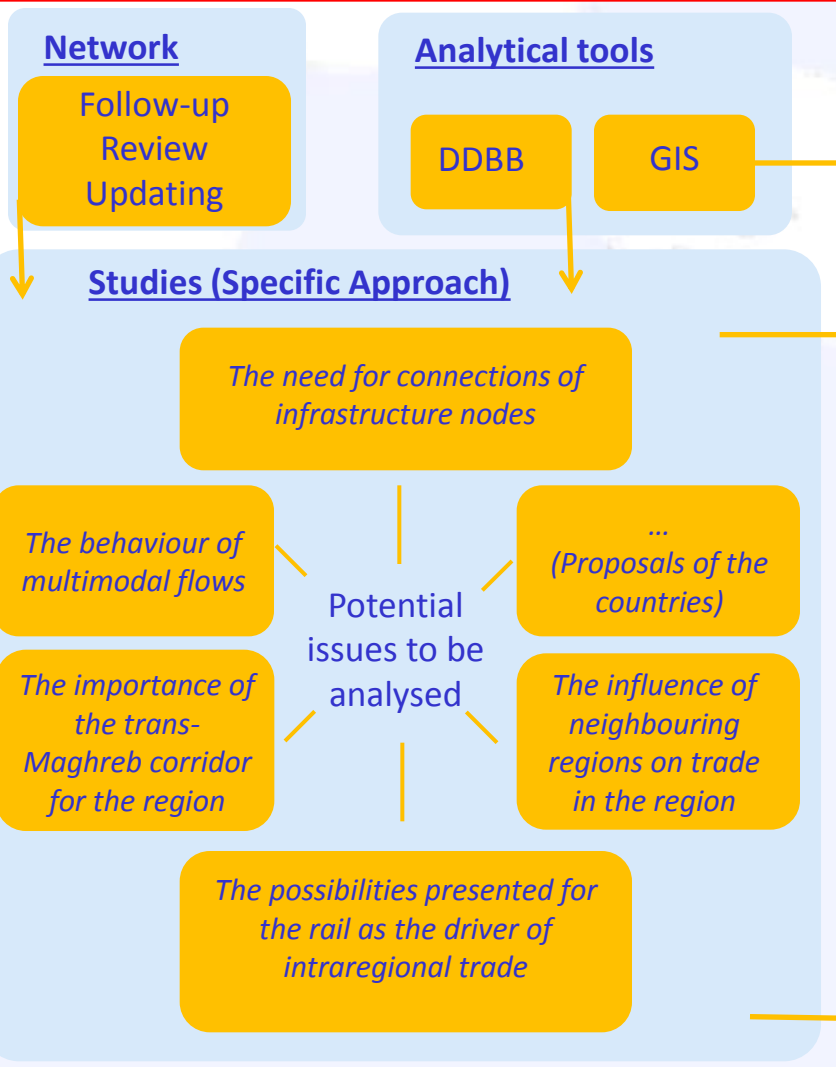


Present



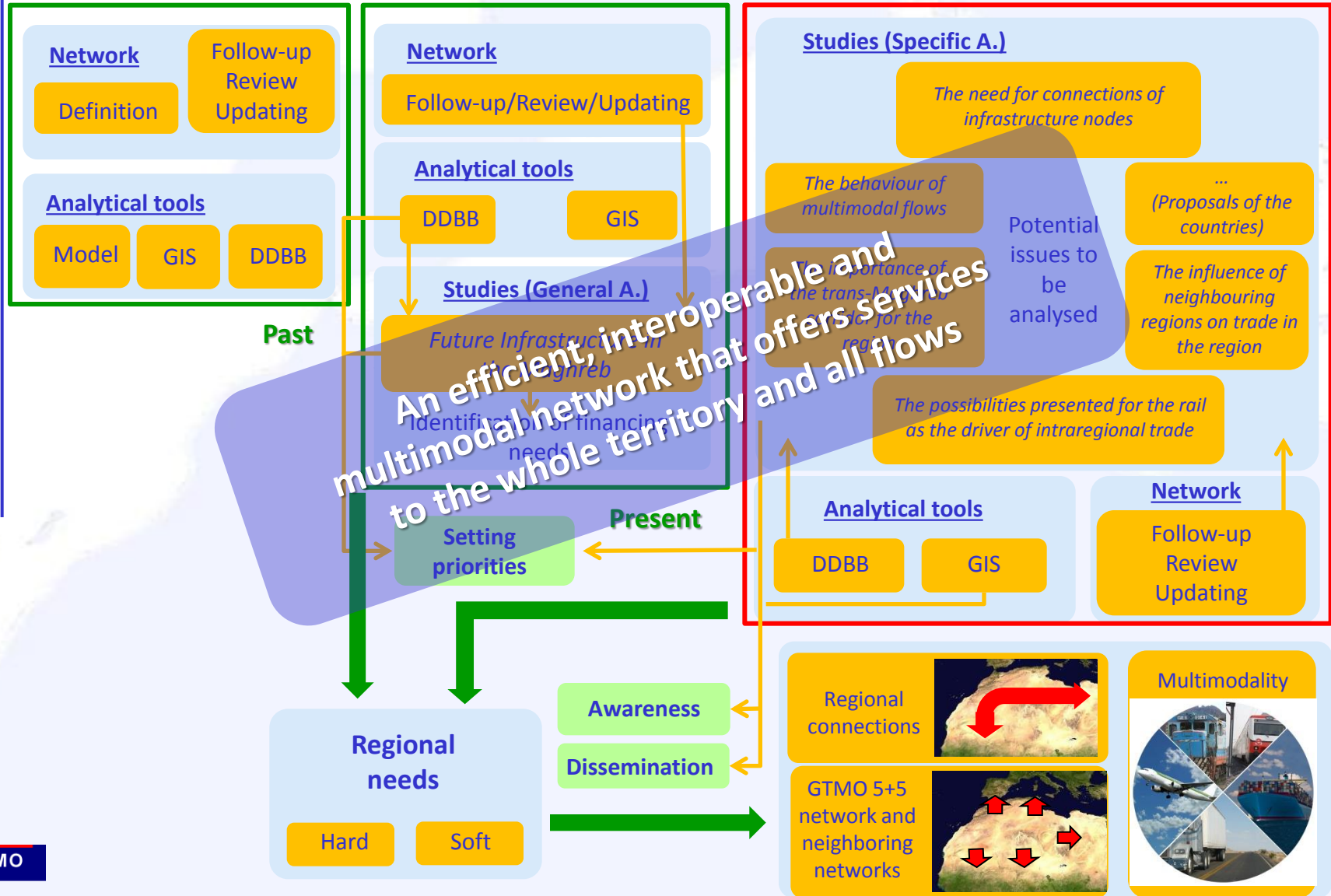
Implementation of the GTMO 5+5 core network (next steps)

Future



Implementation of the GTMO 5+5 core network

Future



Thanks for your attention

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