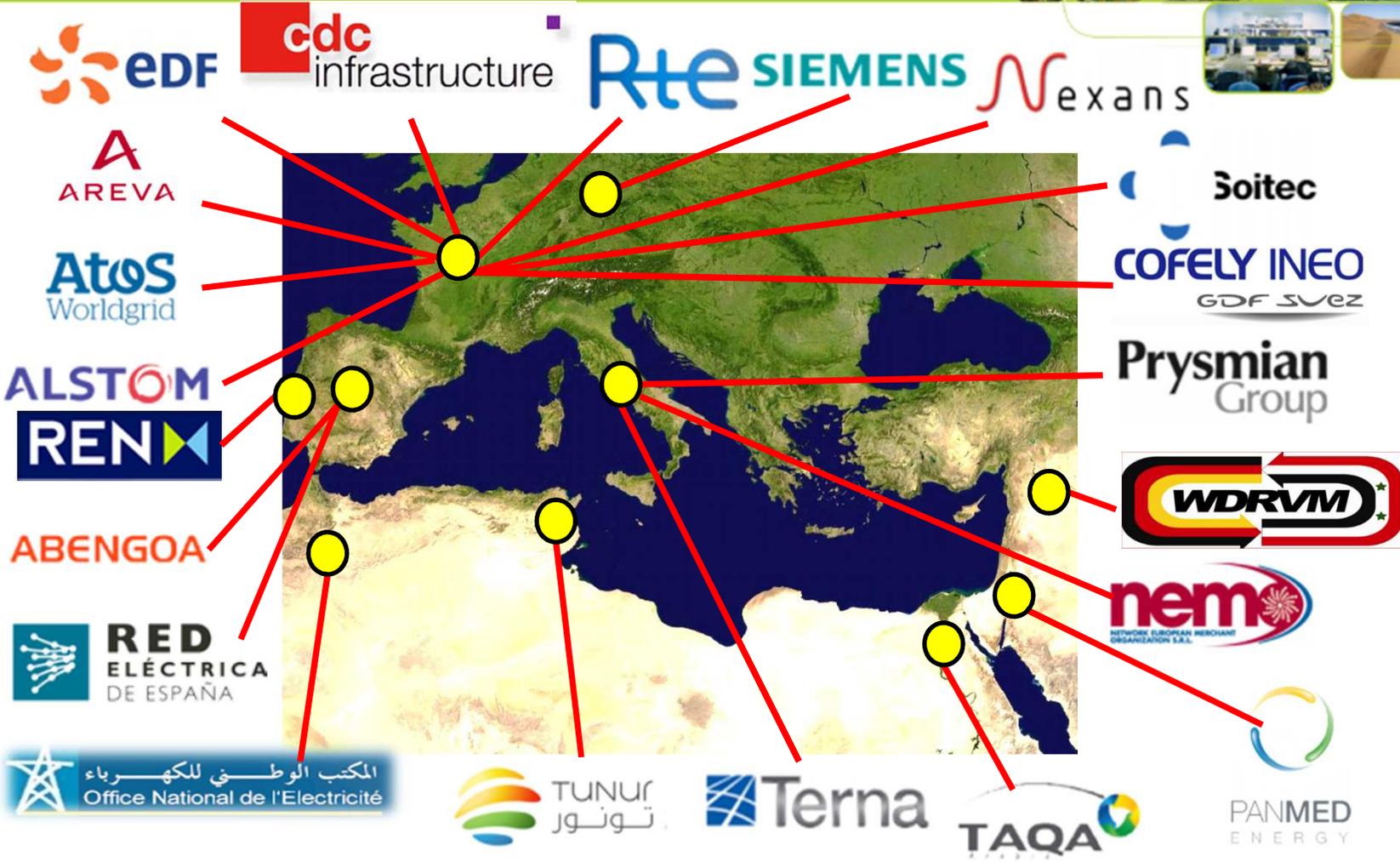


2020-2030  
Les interconnexions  
euroméditerranéennes

***Promote Mediterranean interconnections***

# MEDGRID SHAREHOLDERS



## MEDGRID OBJECTIVES



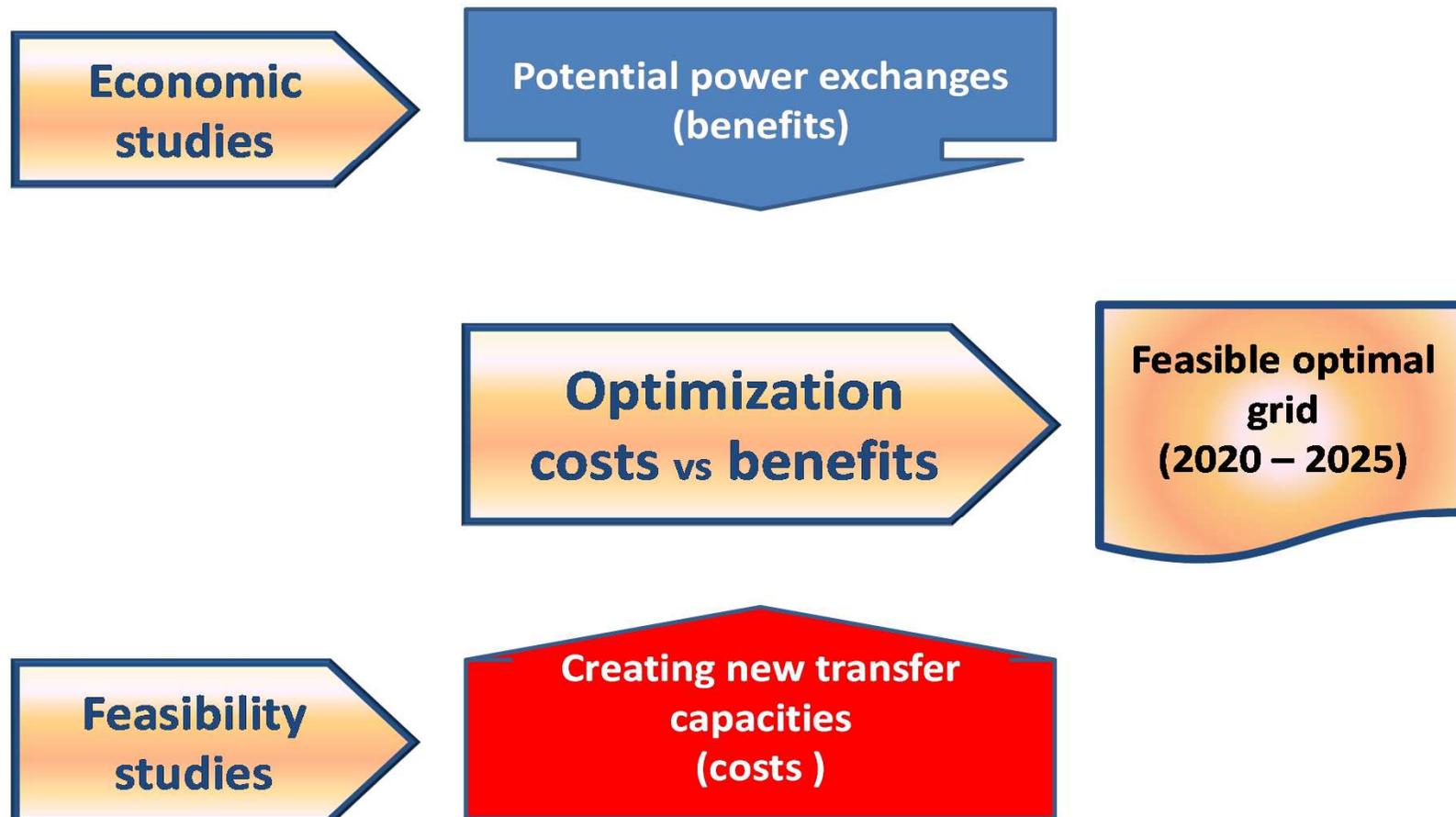
- ✦ **To promote and impulse the development of the Mediterranean transmission and interconnection grid**

### **Demonstrate that:**

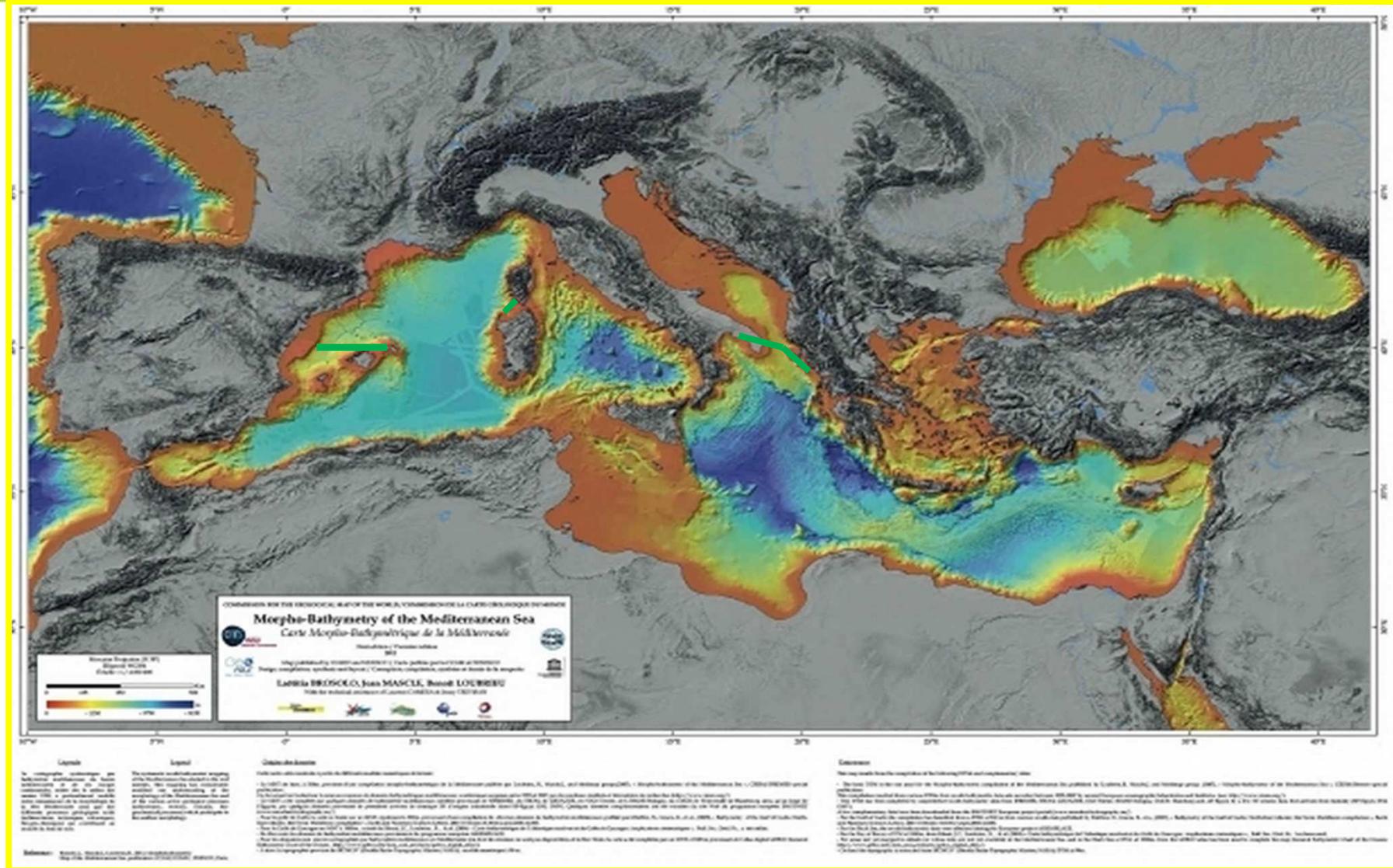
- it is technically feasible and environmentally acceptable
- it is economically sound
- institutional, regulatory and funding issues can be managed

**and create a climate conducive to investments**

# Defining Optimal transfer capacity



# Mediterranean sea bed



# Possible routes



— existing

— Under study

- - - farther

# Technology issues

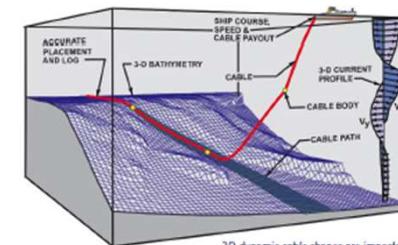


- ❑ High voltage alternative current technologies (**HVAC**)
- ❑ High voltage direct current technologies (**HVDC**)
- ❑ Submarine power cable systems for depths up to **2500 meters**
  - specific problem for Medgrid: field of a Medgrid study

# Deep water cable challenges



- ◆ Technologies for cables and joints at 2500 meters
- ◆ Laying power cables at 2500 meters
- ◆ Operation and maintenance
- ◆ Management of risks





***Thanks for your attention***

**[www.medgrid-psm.com](http://www.medgrid-psm.com)**