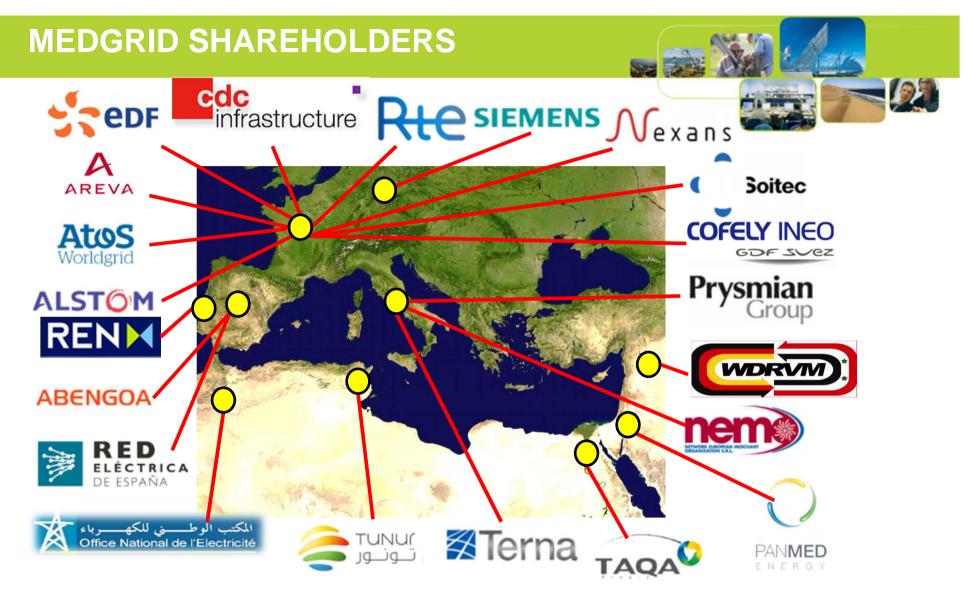


Promote Mediterranean interconnections







MEDGRID OBJECTIVES



 To promote and impulse the development of the Mediterranean transmission and interconnection grid

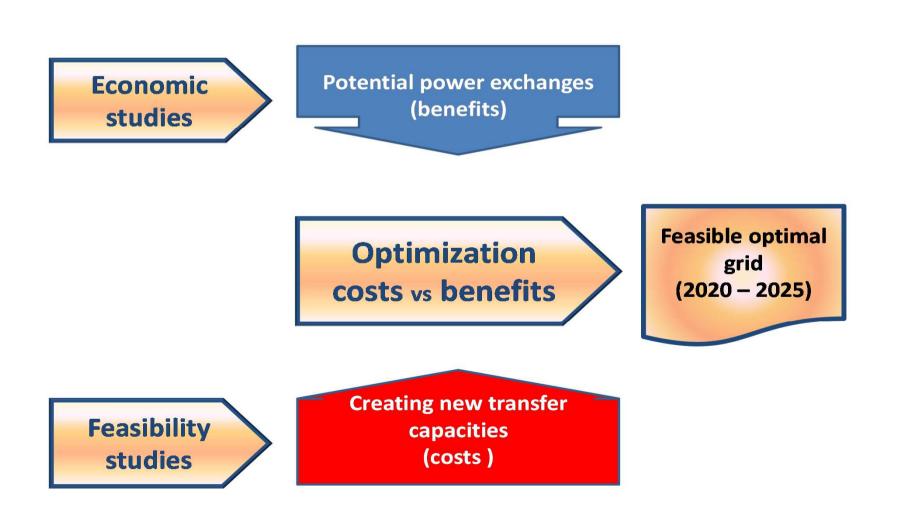
Demonstrate that:

- 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

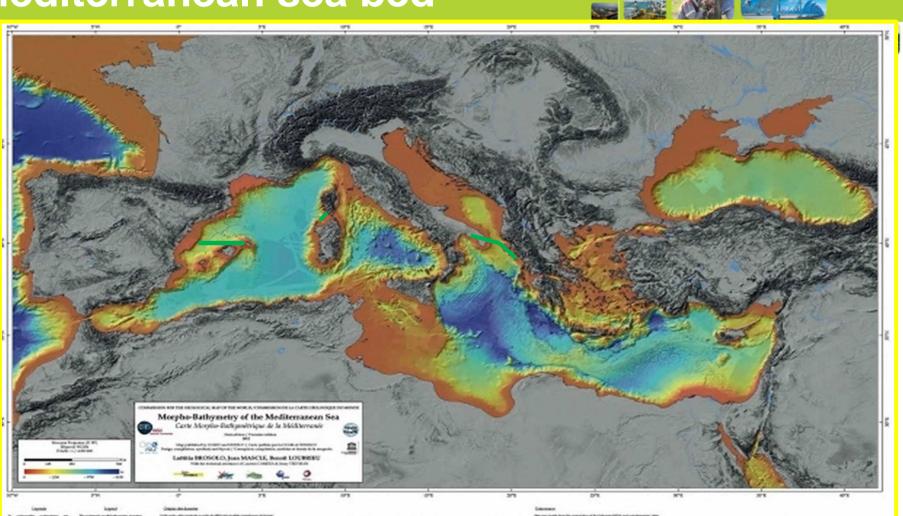


Defining Optimal transfer capacity





Mediterranean sea bed



No. 10 Stationers and an and the state of th

10 Hours 20 builds, a secondar



Possible routes 0 UKRAINE SLOVENIA **ATLANTIC** RUSSIA ITALY ROMANIA FRANCE **OCEAN** BOSNIA SERBIA **BLACK SEA** MONTENEGRO Corsica KOSOVO BULGARIA MACEDONIA T)mhenian Marmara ALEANI. Mallorca Sea **SPAIN** GREECE Sardinia Ioniar Sea TURKEY Strait of G SYRIA FDITERRANEAN Crete CYPRUS LEBANON ALGERIA **SEA** TUNIS MOROCCO Gulf of ISRAEL Sidra JORDAN LIBYA EGYPT RED SEA 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



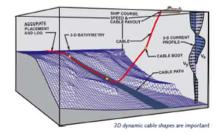
Technologies for cables and joints at 2500 meters

+ Laying power cables at 2500 meters

Operation and maintenance



Management of risks







Thanks for your attention

www.medgrid-psm.com