

OCEAN AND ENVIRONMENTAL TECHNOLOGIES AND SERVICES

Part 1 : Ocean Focus

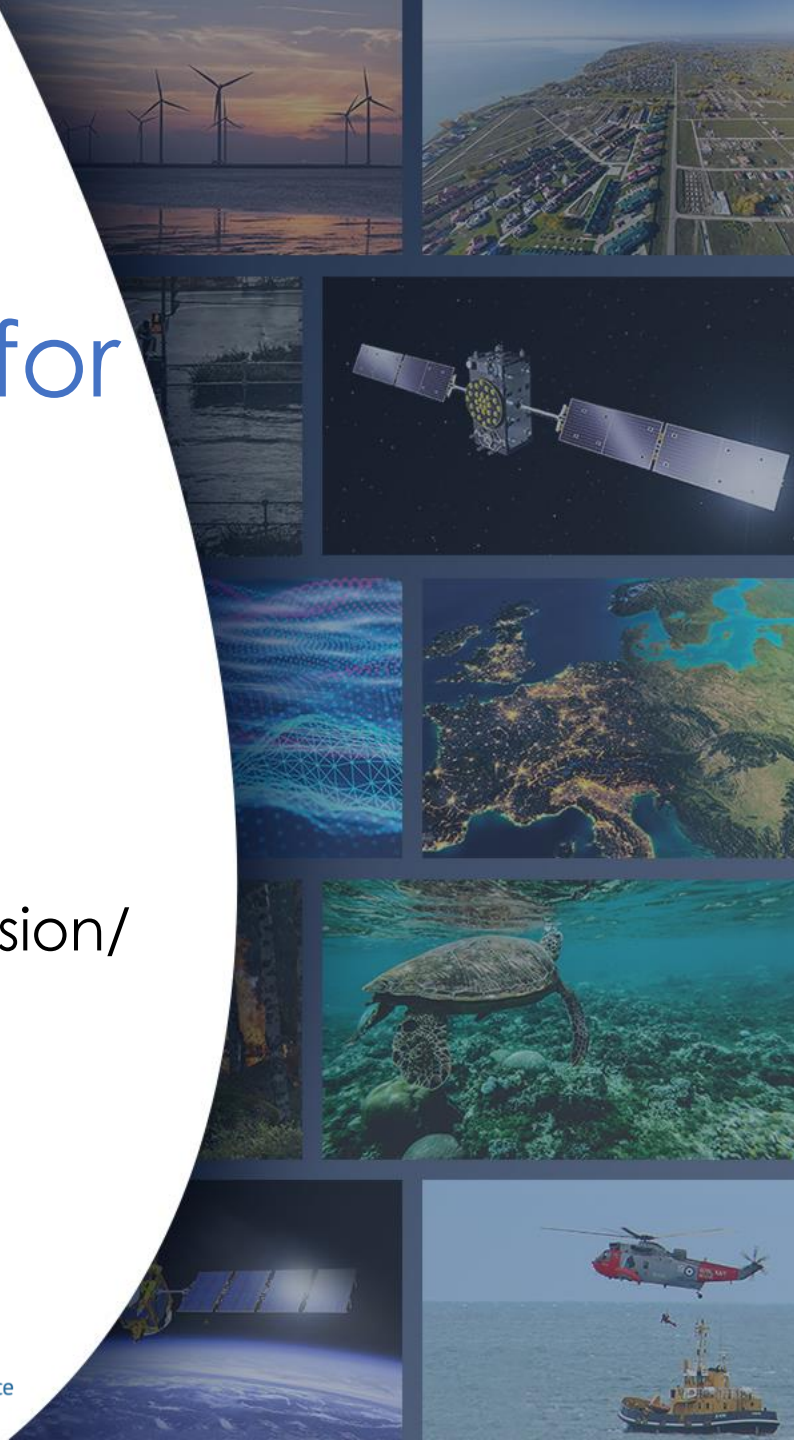
Wednesday 20 October
9:00 AM to 01:15 PM



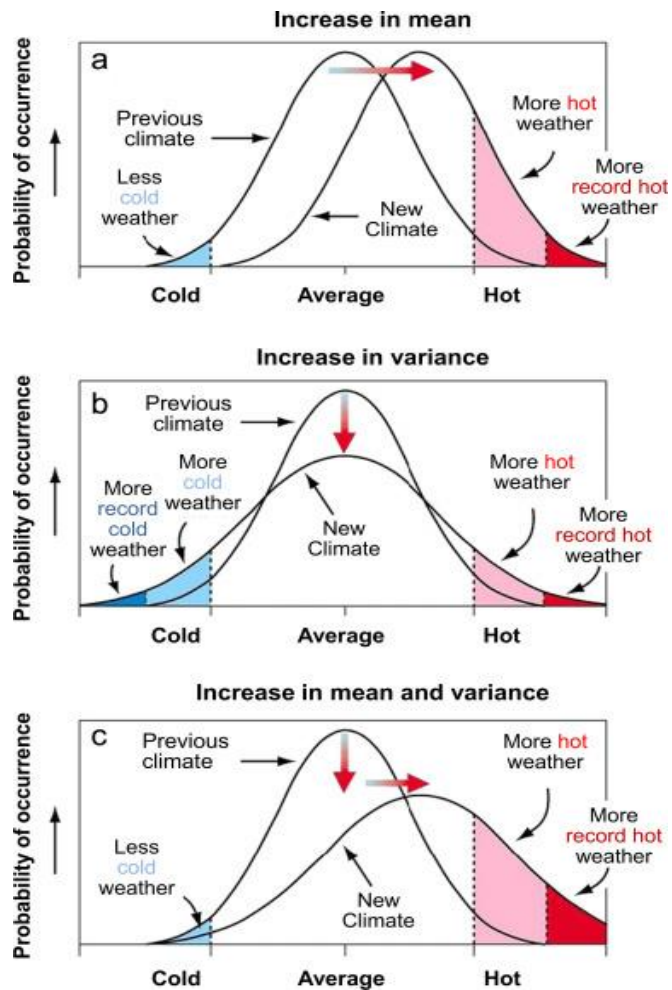
EIB funding of Integrated Systems for disaster management

Tiago Lopes

Sector Expert / Air, Maritime and Innovative Transport Division/
Projects Directorate



CLIMATE CHANGE: DISASTER MANAGEMENT IS KEY

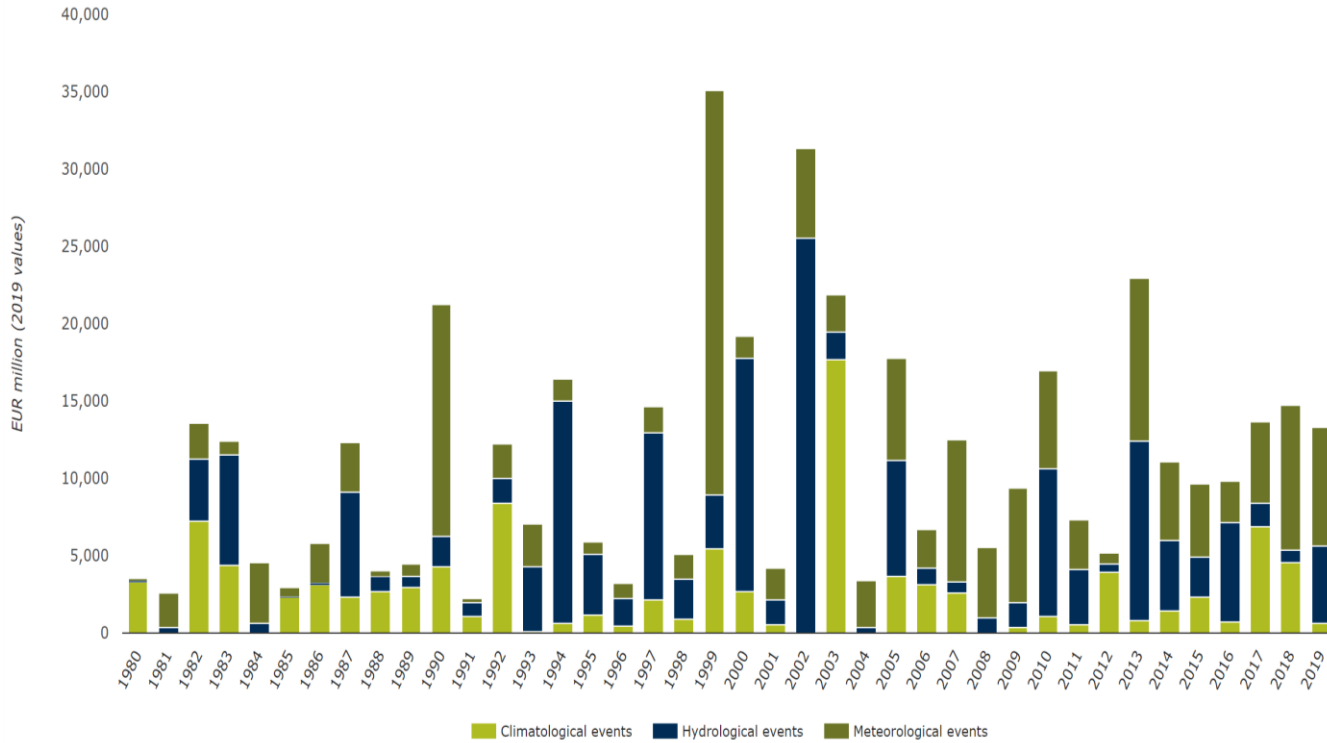


Medicane Ianos, 17 Sep-20



NATURAL DISASTERS ARE COSTLY

Economic damage caused by weather and climate-related events in Europe



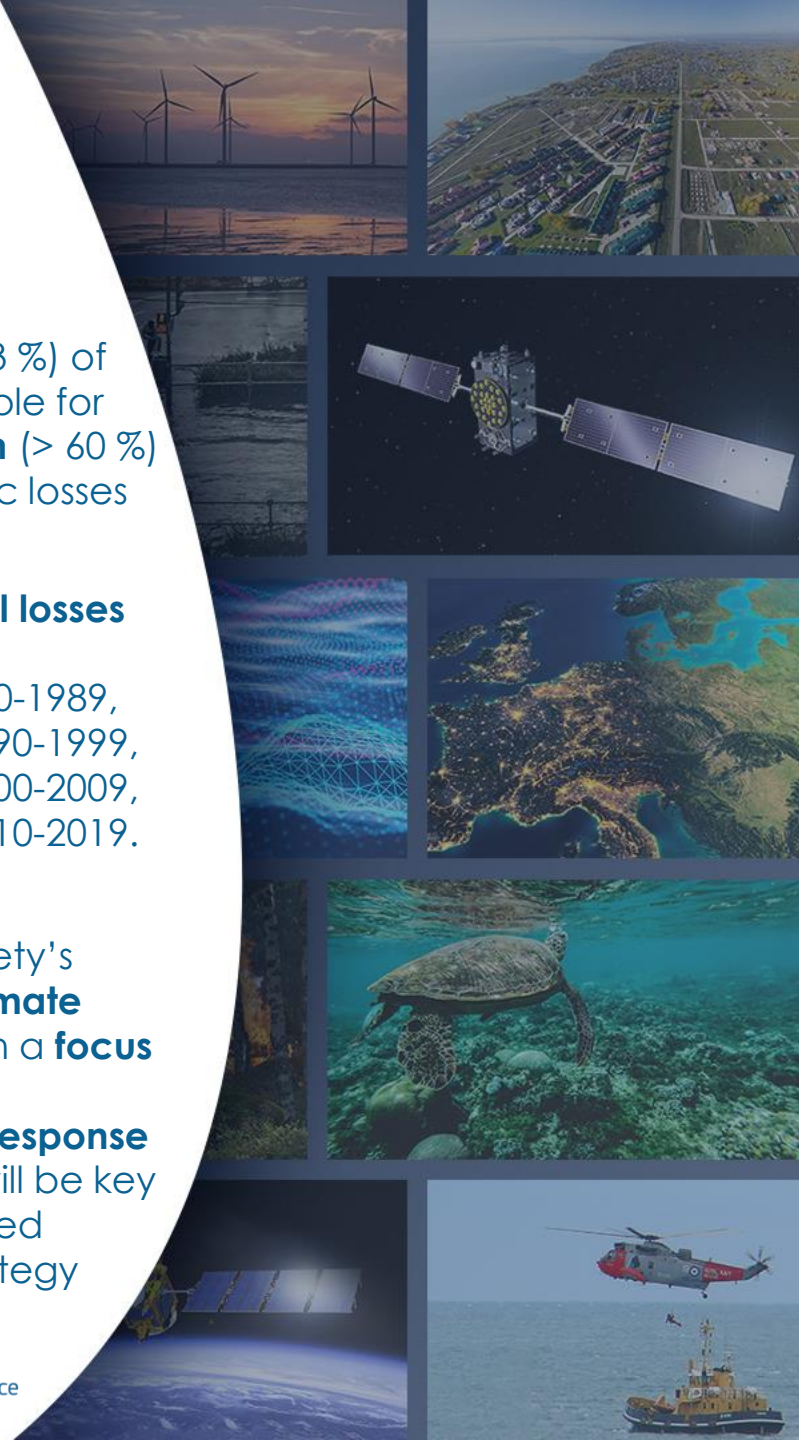
- Meteorological events: storms;
- Hydrological events: floods, mass movements;
- Climatological events: heatwaves, cold waves, droughts, forest fires.

Source: EEA European Environment Agency

Small number (3 %) of events responsible for **large proportion** (> 60 %) of the economic losses

Average annual losses were around:
 6.6 billion in 1980-1989,
 12.3 billion in 1990-1999,
 13.2 billion in 2000-2009,
 12.5 billion in 2010-2019.

Enhancing society's **resilience to climate change** through a **focus on prevention, preparedness, response** and recovery will be key to the EU's revised adaptation strategy



RATIONALE: GREEK CIVIL PROTECTION RESTRUCTURED



“ GSCP is being upgraded by **implementing the all-hazards approach** and by **merging separate operational centres and resources** under a **National Coordination Centre** for Operations and Crisis Management “

New GSCP structure



GSCP – General Secretariat for Civil Protection



EIB VISON: TO SUPPORT LARGE INTEGRATED PROJECTS



Project cost: EUR 800m

EIB loan: EUR 600m

Long tenors, low interest, grace periods



GR area: 132,000 km²

GRE EEZ: 500,000 km²

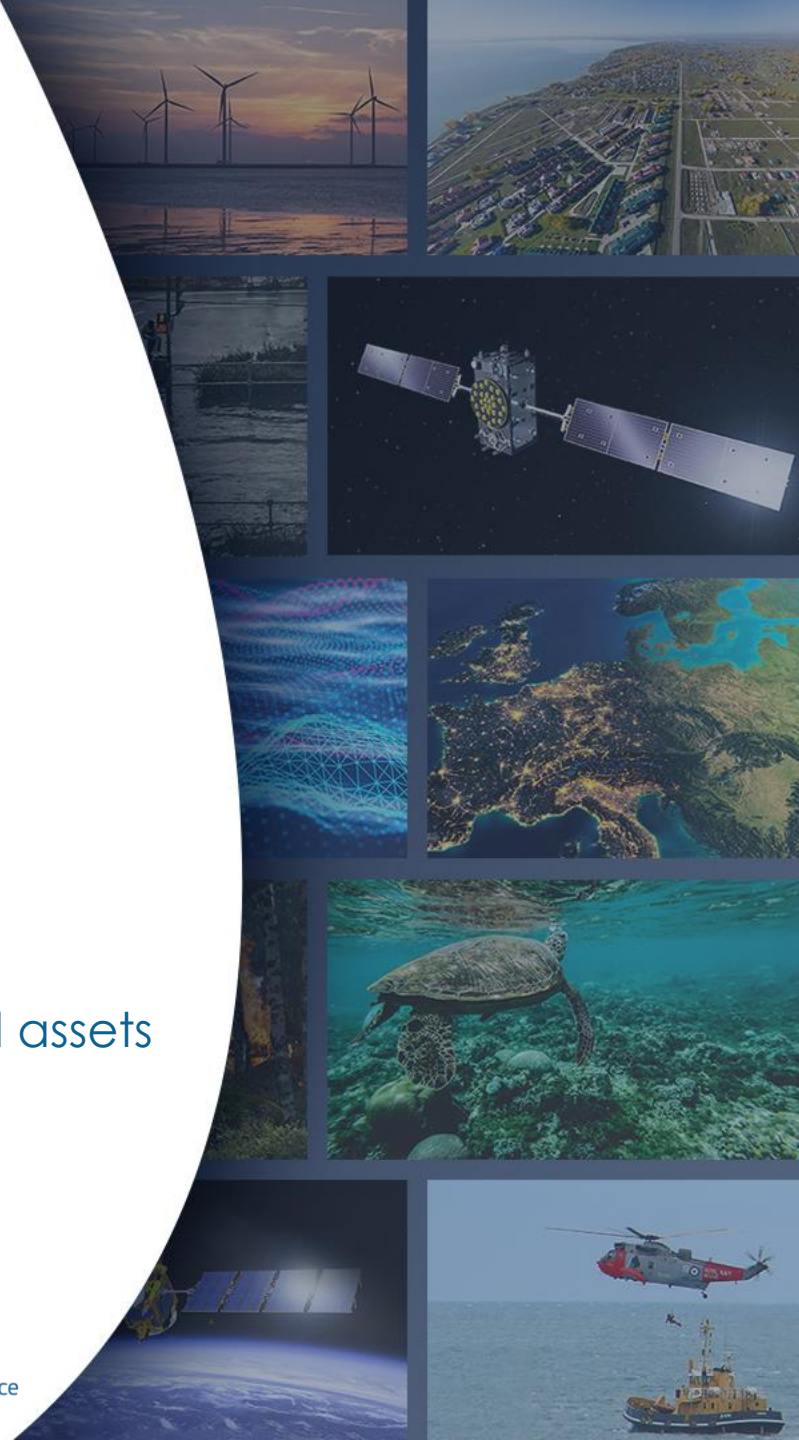


Aviation & drone assets

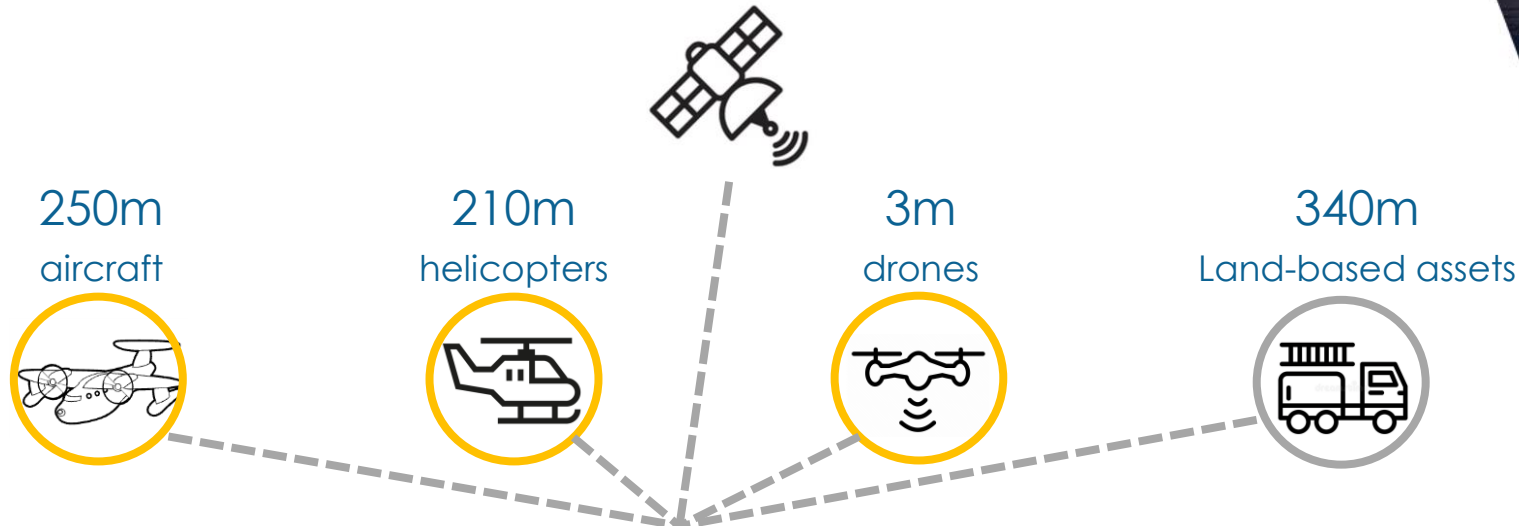
Land & maritime-based assets

Training

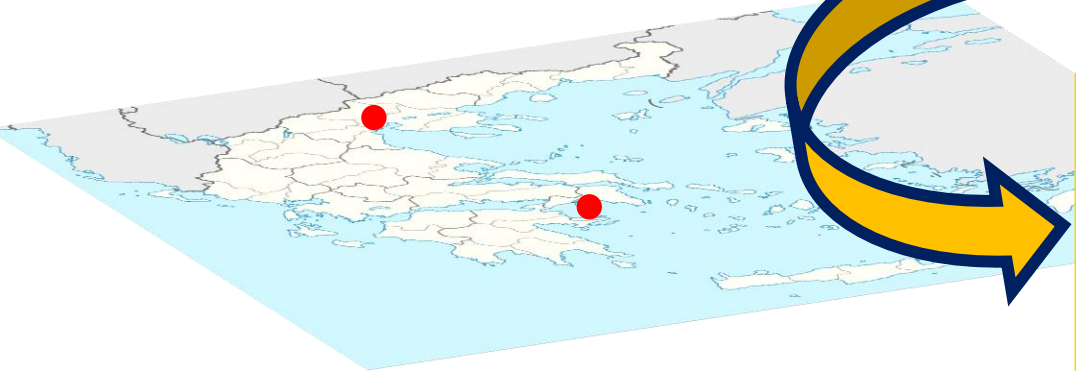
Infrastructure



INFORMATION & SYSTEMS INTEGRATION ARE CRITICAL



Two Command Control and Communication C3 (operational) centres in Athens and Thessaloniki



- Key C3 Requirements
- Real time 24/7 operation
 - Information integration/ fusion
 - Dissemination to users & assets
 - Interoperability



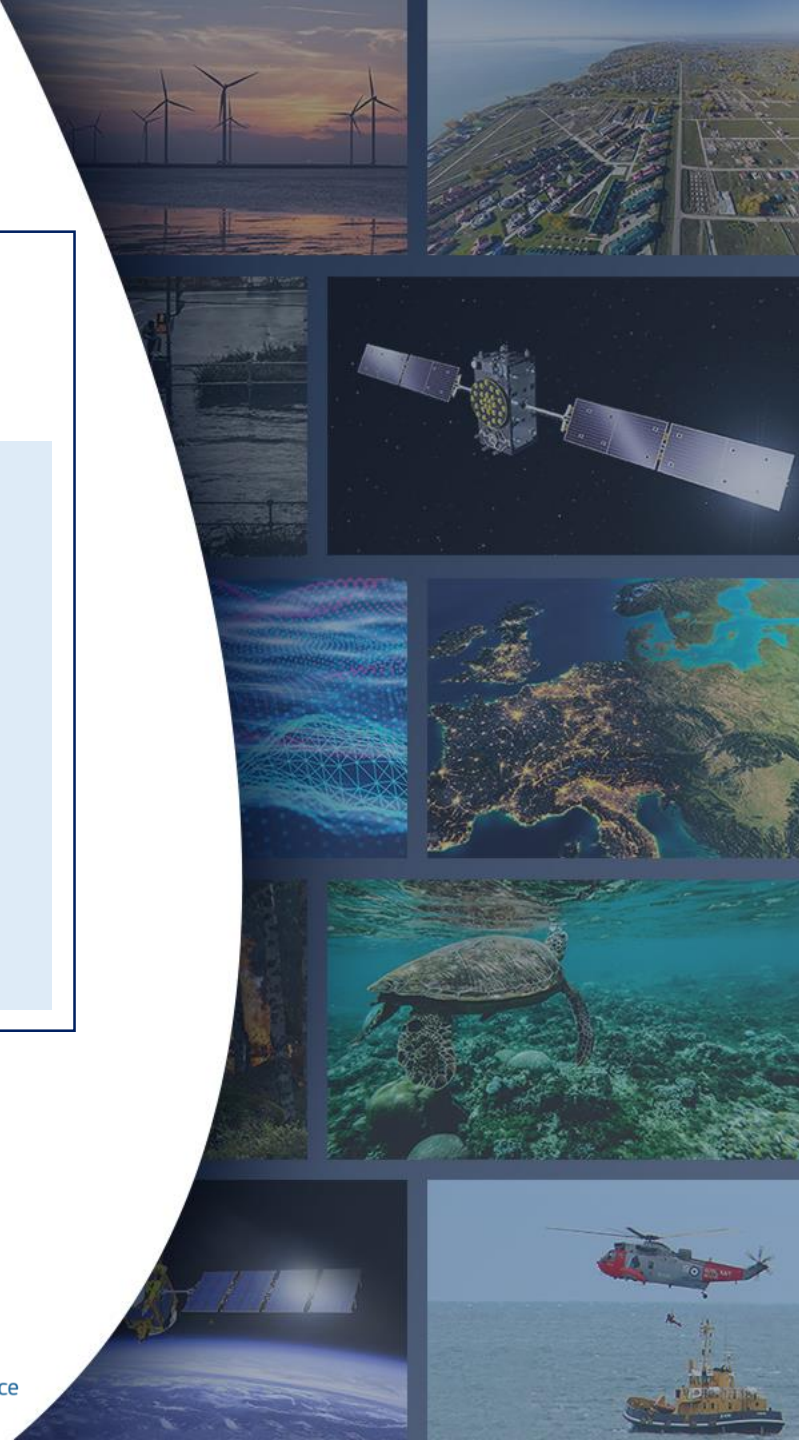
HOW TO ENGAGE WITH THE BANK



- The EIB needs
- **Strategy** plan
 - **Concept of Operations**
 - **Project scope**
(infrastructure, assets and systems)
 - **Implementation** plan
 - Project **costs**

- The EIB finances
- Up to **75% of project cost** under certain conditions
 - **Development** costs
 - **Infrastructure, equipment, systems and software**
 - **Paris Aligned and Climate Action** projects (CBR and EU taxonomy)

- The EIB does not finance**
- Opex
 - Working capital
 - Land acquisition
 - Licenses



THANK YOU FOR YOUR ATTENTION

Tiago Lopes
Sector Engineer
Projects Directorate
Mobility Department | Air, Maritime and Innovative Transport

98-100 boulevard Konrad
Adenauer
L-2950 Luxembourg
+352 4379-83322 (office)
t.lopes@eib.org
www.eib.org



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