

IRIDE CYBERITALY



OBJECTIVES OF CYBERITALY & TEAM

Cyber Italy aims to develop Environmental Digital Twins (EDTs) focused on the Italian territory, creating:

- ❑ highly accurate digital replicas of environmental ecosystems
- ❑ Model of the complex interplay between natural and anthropogenic phenomena
- ❑ Interactive interfaces to explore data and simulation scenarios through what-if analysis to evaluate effects and implications of alternative decisions.

Capgemini Consortium ICT company + scientific domain experts

- **Capgemini**: Management, E2E Engineering, architecture
- **NAIS**: development of an **Air Quality DT**
- **CMCC**: development of a **Coastal erosion DT**
- **Starion**: Test and validation



TARGET USERS



Who will get benefit from Cyber Italy DTs ?

Civil defence bodies, administrations, academia: hydro-geological instability, coastal, critical infrastructure, air quality, extreme weather etc

Commercialization, targeting private organizations when implementing EU directives or in support of their business:

- Urban evolution & smart cities, construction, transportation, logistics, healthcare
- energy & utilities, industry, manufacturing
- banking, insurance
- tourism, agriculture & fishery etc.





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