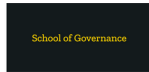


# BEHIND THE PROJECT

17 Partners / 9 Countries



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



Scan the code



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.



Funded by  
the European Union



# OUR GOALS

- › Provide climate data sets, combined with modelling and in-situ data at the spatial and temporal scales of interest.
- › Assess the time-dependent loss of structural capacity and extent of damage.
- › Identify low environmental impact and cost construction options.
- › Establish processes for the involvement of end users or communities and 'influencers'.
- › Analyse social consequences and non-engineering adaptation measures.
- › Develop a platform to determine structural impact and assess adaptation measures considering also social impact.
- › Apply the project results in climate-vulnerable regions in Greece, Finland, Italy and Hong Kong.
- › Evaluate further applicability and interoperability of the produced platform (PRISKADAPT) through an invitation to engineers and scientists.

# PILOTS



- › The **Landmark Polyfytos Road Bridge** in Greece, subjected to scour and Extensive Corrosion Exacerbated by Climate Change.



- › **Energy Transmission Grids** Vulnerability to Wind-Icing Hazard and Corona Discharge Loss in the Nordic Region.



- › **Cattinara, High Rise Hospital Building** in Trieste, Italy, Subjected to Successive Events of High Winds with and without Wind Driven Rain.



- › Assessment of Glass Window Damage in **High Rise Buildings** in Hong Kong Due to High Wind Flows and Wind Driven Rain.

## FAST FACTS

Project number: 101093939

Starting date → 01.01.2023

Project information → 36 months | 18 partners

EU contribution: 2.533.536,00 €

Call (part) identifier → HORIZON-MISS-2021-CLIMA-02

Topic → HORIZON-MISS-2021-CLIMA-02-03

Type of action: HORIZON-RIA

Coordinator → RISA Sicherheitsanalysen GmbH (RISA)

EU Project Officer → Stefaan Bil