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Asset Level Modelling of RISKS in the Face of Climate Induced Extreme Events and ADAPtation

RISKADAPT will provide, in close cooperation with the end-users and stakeholders, a novel, integrated modular, interoperable, public and free, customizable user-friendly platform (PRISKADAPT), to support the systemic, risk-informed decisions toward adaptation to Climate Change induced compound events at the asset level, focusing on the structural system.

Scan the code



 RISKADAPT

 www.riskadapt.eu

 RISKADAPT project

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.

OUR GOALS

Provide climate data sets, combined with modelling and in-situ data at the geographical areas and time frames 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.