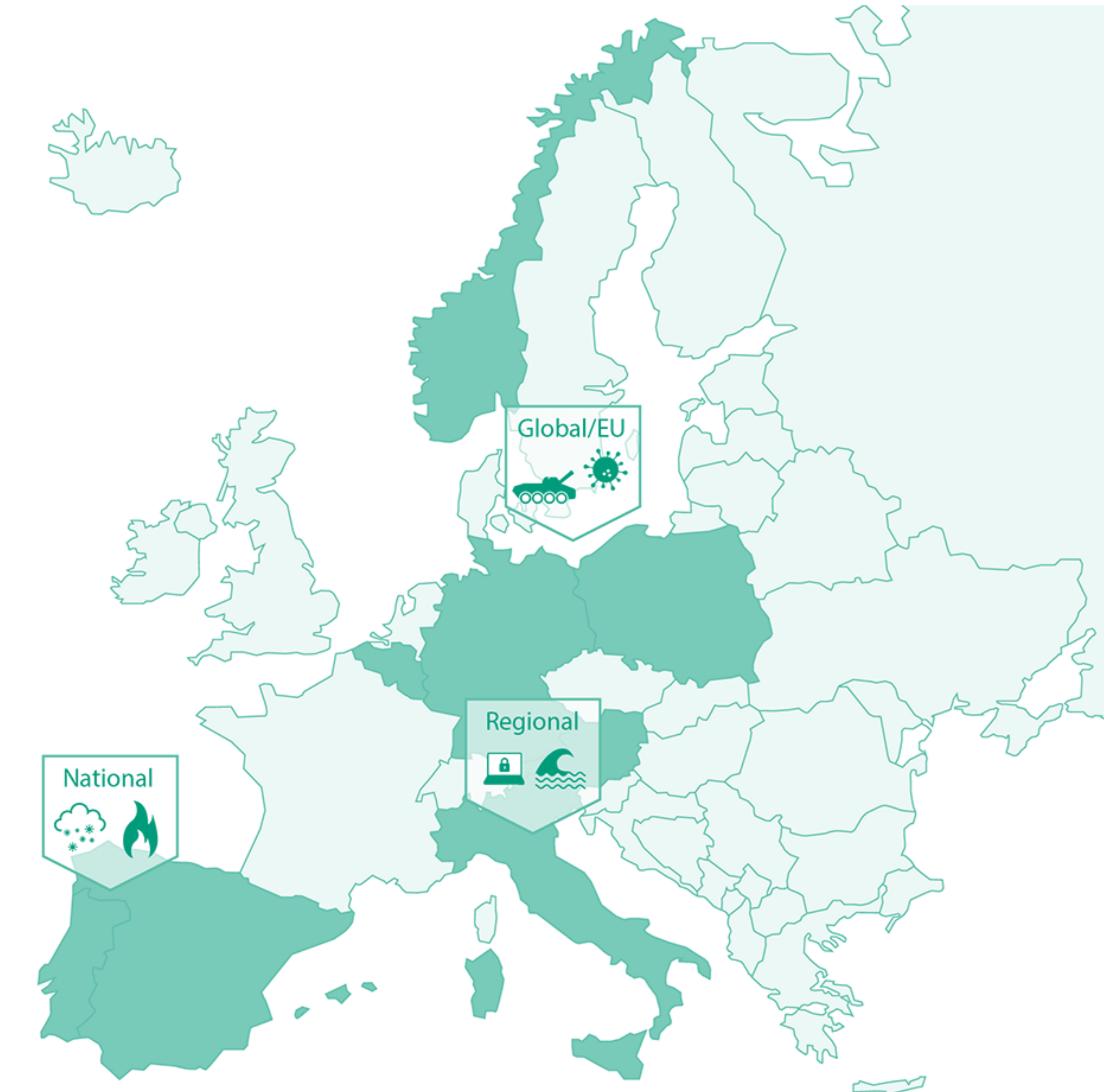


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SARIL aims to complement the classic definition of resilience, which focuses on threat prevention, robustness and system recovery, by green aspects. Key performance indicators will be defined which quantify both, the system's resistance against disruptions as well as the environmental burden of freight transport in close collaboration with a large stakeholder group. Adopting three different scenarios on different geographical scales (regional, national and international/EU), models will be developed which are able to capture the unperturbed system operation as well as the behaviour in case of a disruptions.



The regional (Italy) scenario focuses on the coupled threat of floods and cyber-attacks on monitoring systems, the national (Spain/Portugal) scenario focus on natural hazards which become more threatening due to climate change, and the international scenario (Northern/Central Europe) considers the disruptions due to pandemics (like Cov19) or wars (like the Russian war against Ukraine). Although the three scenarios will be modelled with varying levels of detail, SARIL aims at a universal understanding of green resilience by using a common framework.



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The results for the three scenarios will be used to assess similarities and differences between the three geographical scales. By exploiting the findings, recommendations to improve the classic resilience, like e.g. synchro-modal approaches, will be derived. Additionally, SARIL aims for recommendations to reach a resilient and sustainable transport system addressed to stakeholders and decision makers. The results will be widely disseminated to the scientific community and relevant stakeholders.