

## The CERBERUS Project

**Acronym:** CERBERUS

**Full Project Title:** Cross Sectoral Risk Management for Object Protection of Critical Infrastructures

**Start:** September 2016

**End:** November 2018

### Project Summary:

essential goods and services for our everyday life. Therefore, any incident compromising the operation of a critical infrastructure can directly affect the social life. Moreover, due to the increasing interconnections between critical infrastructures, any incident can have cascading effects on other infrastructures as well. In the CERBERUS project, we are looking into a structured collection and representation of security-relevant information regarding facility protection. As a core aspect, the interdependencies among the critical infrastructures are observed to analyze the propagation of threats as well as their cascading effects. In this context, the underlying assessment models are discussed in detail, focusing in particular on balancing the assessment patterns of different risk types. The resulting analyses are conflated across several infrastructures, resulting in a cross sectoral (up to a national) representation of the risks. Furthermore, a reference guideline for critical infrastructures is compiled, which is based on international standards and guidelines and can be used to identify specific security measures for the infrastructures.