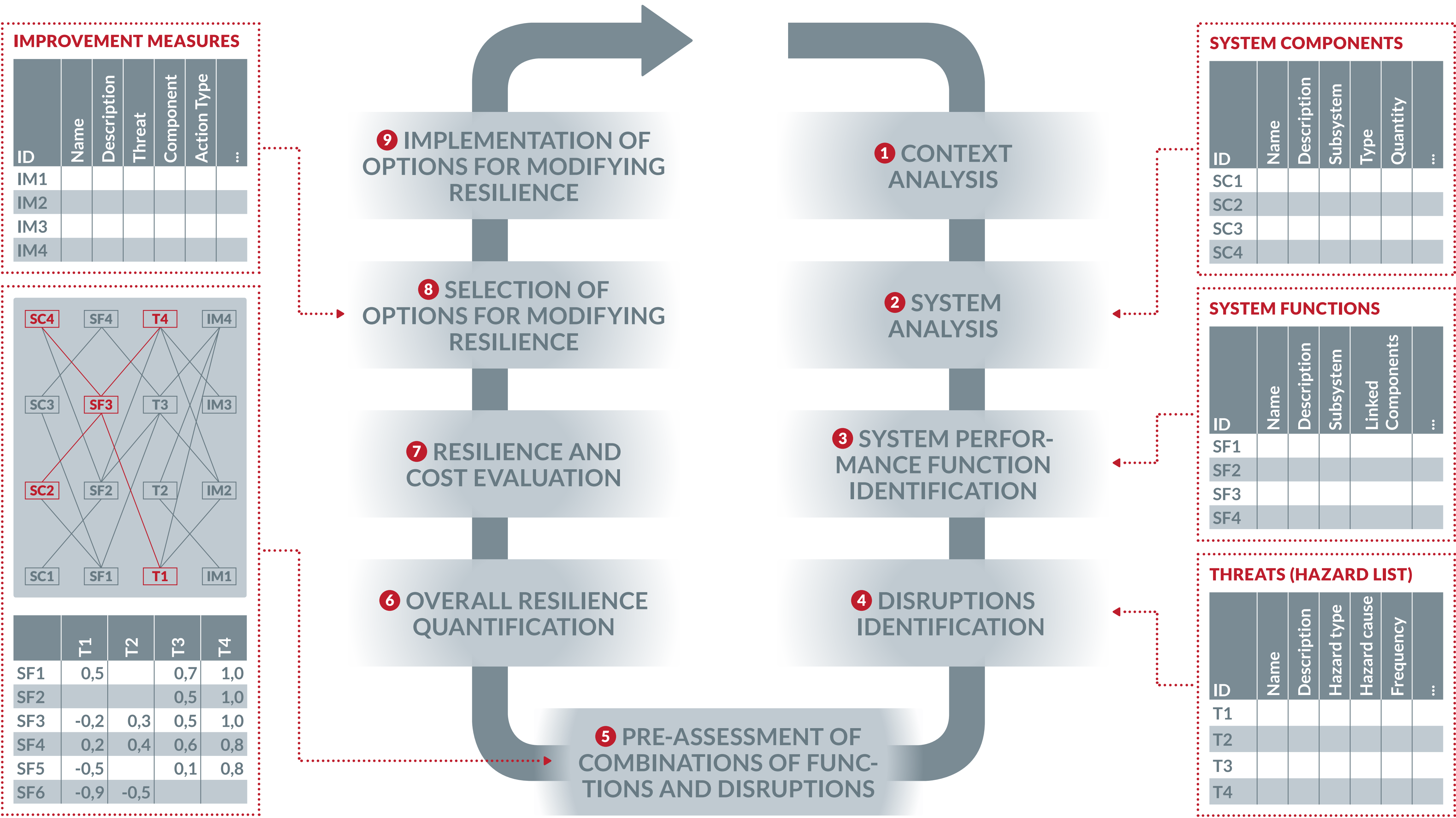


BACKGROUND AND SCOPE OF THE PROJECT



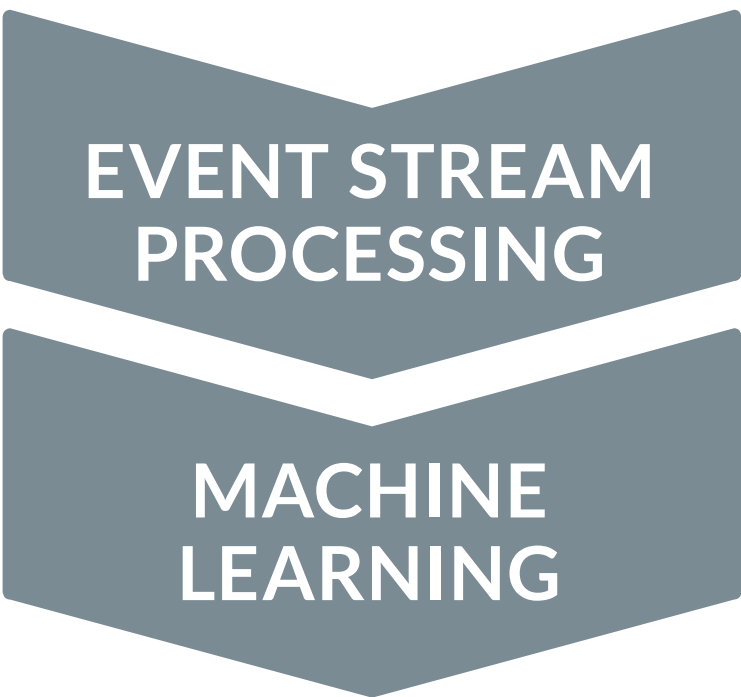
- RESISTO**
 - is an innovative solution for Communication Infrastructure Operators providing (cyber/physical) situation awareness and enhanced resilience
- exploits the combined use of risk and resilience analyses, detection and reaction technologies, applications and processes in the physical and cyber domains
- helps Communication Infrastructure Operators to select the best countermeasures and reactive actions to cyber/physical threats and disruptions

TABULAR APPROACH FOR THE RISK AND RESILIENCE ASSESSMENT



- Extension of ISO 31000: 9-step risk and resilience analysis and management process*
- Tabular input collection: fast assessment of relevant information
 - 1. System Components → step 2 “System Analysis”
 - 2. System Functions → step 3 “System Performance Function Identification”
 - 3. Threats → step 4 “Disruptions Identification”
 - 4. Improvement Measures → step 8 “Selection of Options for Modifying Resilience”
- Interlinkage of tables: allows to infer correlations, e.g. critical combinations of threats and system functions

DECISION SUPPORT SYSTEM – CORRELATOR ENGINE



- Rule-based engine to detect threats defined by the risk and resilience assessment
- Identification of threats via real-time data analysis and correlation techniques
- Analysis of the behavior of the RESISTO platform
- Decision making

*Reference: https://doi.org/10.1007/978-94-024-1123-2_2

www.resistoproject.eu

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