This project has received funding from the European Union’s H2020 Programme under grant agreement no 780351.

Contacts:

Dr. Hui Song,
SINTEF, Norway
Hui.song@sintef.no

Dr. Nicolas Ferry
SINTEF, Norway
Nicolas.ferry@sintef.no

Partners:

www.enact-project.eu
@enact_eu
ENACT will provide an integrated DevOps Framework composed of a set of enablers categorized in three groups:

- the toolkit for the **continuous delivery** of smart IoT systems,
- the toolkit for the **agile operation** of smart IoT systems,
- the ENACT facilities for **trustworthiness**.

**ENACT use cases**

The ENACT approach is evaluated through three industrial use cases in three different domains:

- **Smart building**: Tecnalia, BOSC, Edi, Indra
- **ITS**: Israa, BOSC, Edi, Indra
- **Digital Health**: Israa, Indra, TellU

**ENACT in a nutshell**

“The overall goal of the ENACT project is to enable DevOps in the realm of trustworthy Smart IoT Systems.”

**ENACT in a nutshell**

Support the DevOps of Trustworthy Smart IoT Systems

- Security and context-aware orchestration of sensors, actuators and software services. Actuation conflict identification
- Language to specify Devices behavior & security behavior
- Risk-Driven Design Planning
- Automated deployment of Smart IoT systems and security mechanisms
- Dynamic adaptation in open contexts & actuation conflicts handling

**Support the DevOps of Trustworthy Smart IoT Systems**

Focus:

- On the needs of IoT systems developers and operators.

Challenges:

Support DevOps for IoT Trustworthiness of IoT systems