An ITEA Smart communities project
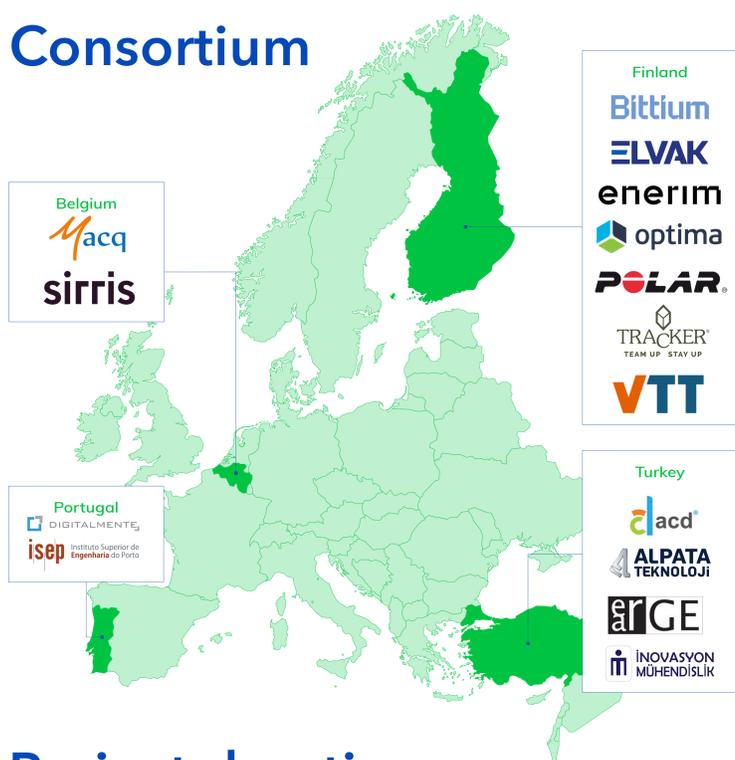
TIoCPS

25 years ITEA 4 1998–2023

Digital trust with smart communities for Cyber-Physical Systems

Project summary

The lack of digital trust prevents the establishment of information sharing around cyber-physical systems (CPS). By enabling trustworthy and smart communities for CPS, TIoCPS will contribute towards enabling digital trust for feasible industrial CPS businesses around the selected energy, mobility and user-related cases, resulting in an interoperable CPS based real-time ecosystem, fostering a more smart, sustainable and interoperable future society.

Consortium

Belgium
Macq
sirris

Finland
Bittium
ELVAK
enerim
optima
POLAR
TRACKER — TEAM UP STAY UP
VTT

Portugal
DIGITALMENTE
isep — Instituto Superior de Engenharia do Porto

Turkey
acd
ALPATA TEKNOLOJI
erGE
İNOVASYON MÜHENDİSLİK

Project duration

July 2020 - October 2023
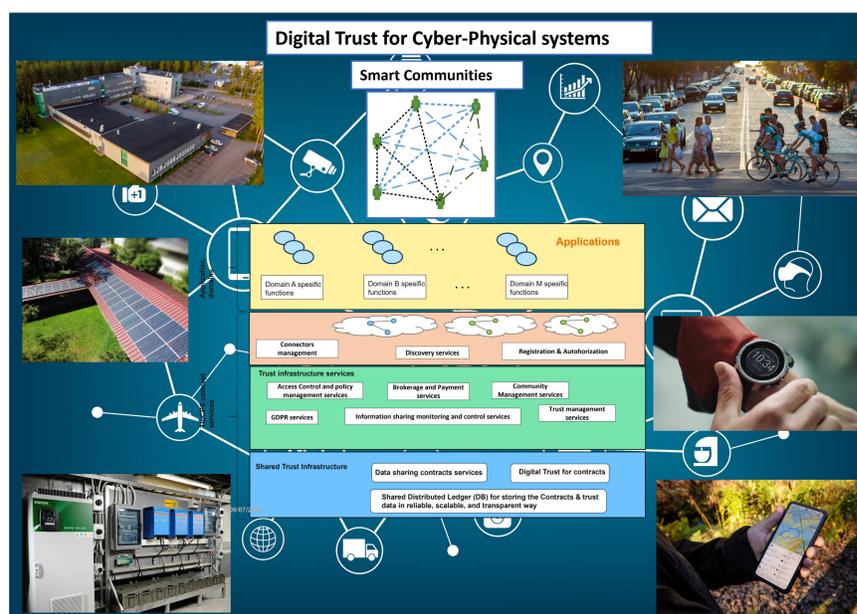
Project website

SCAN ME

Key results and unique advantages

› Boosting economic growth of companies operating in Cyber-Physical Systems context by enabling trustworthy and smart ecosystem based on TIoCPS concept

› TIoCPS concept architecture framework with technical enablers for digital trust and smart communities

› Energy and mobility sectors related use case demonstrators for evaluation of the TIoCPS concept

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