Frontrunners & Followers

STOP-IT solutions are demonstrated through a front-runner/follower approach where four advanced utilities are twinned with four ambitious water utilities to stimulate mutual learning, transfer and uptake of results.

1 Bergen Kommune
2 City of Oslo Kommune
3 Berliner Wasserbetriebe
4 De Watergroep
5 Hessenwasser
6 Aigües de Barcelona
7 Emasagra
8 Mekorot

Aigües de Barcelona

emasagra

De Watergroep

BERGEN KOMMUNE

MEKOROT

hessenwasser

Berliner Wasserbetriebe

Oslo kommune

Community of Practice

STOP-IT maintains a learning alliance with a multi-stakeholder perspective, called Community of Practice (CoP).

If you would like to participate in the **STOP-IT** CoP, which is crossing boundaries between different critical infrastructure sectors and involving international networks and non-project expert groups, please connect on our website: **stop-it-project.eu**

For more information, scan this code and visit our website.

Project Partners:

IWW WATER CENTRE

SINTEF

CETAQUA WATER TECHNOLOGY CENTRE

KWR

Aigües de Barcelona

emasagra

WORLD SENSING

Berliner Wasserbetriebe

mnemonic — securing your business

Aplicatzia

hessenwasser

eurecat

ICCS

PNO Connecting Ambitions

TECHNION Israel Institute of Technology

RiSA Sicherheitsanalysen GmbH

Water Europe Technology & Innovation

De Watergroep

MEKOROT

BERGEN KOMMUNE

Atos

Oslo kommune

STOP-IT

Protection of water infrastructure against physical and cyber threats

stop-it-project.eu

Why do we do what we do?

Water infrastructures are essential for human society, life and health. Nevertheless, they can be endangered by physical or cyber threats with severe societal consequences.
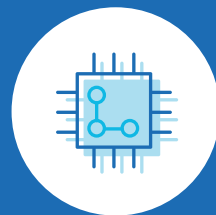
To develop solutions to the most pressing threats, the H2020 funded **STOP-IT** project brings together a strong team formed by 22 members from all across Europe including:

Water utilities

Industrial technology developers
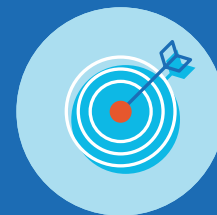
High tech small & medium-sized enterprises

Top research & development providers

How do we do it?
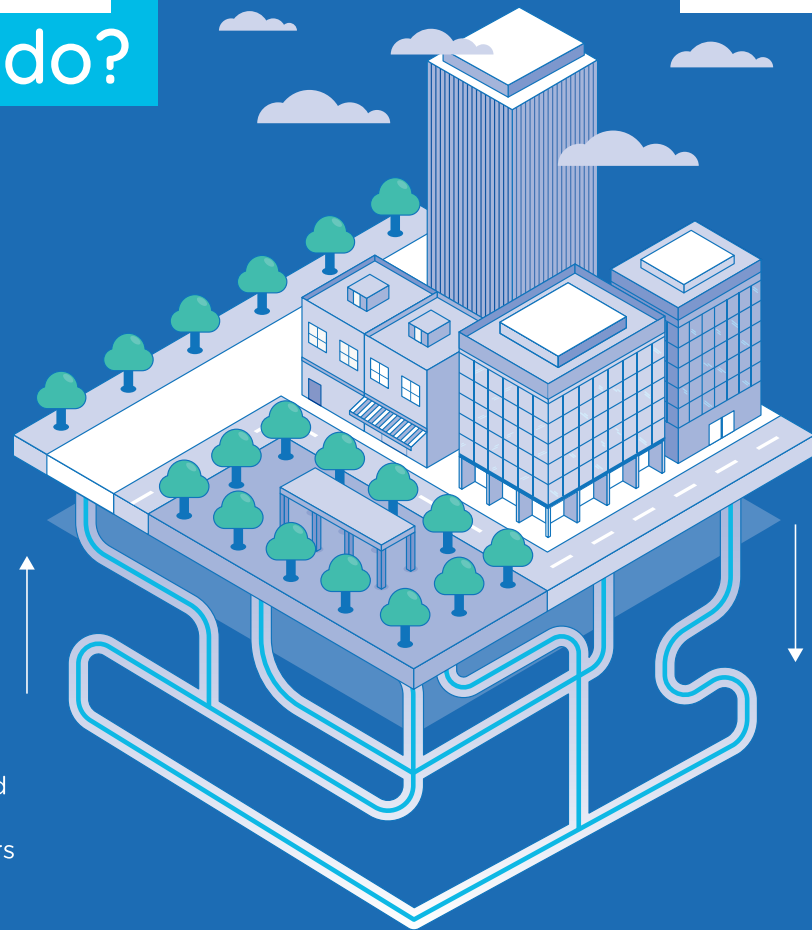
1 **Identification** of current and future **water infrastructure risks.**

2 Co-development of an all-hazards **risk management framework** for the physical and cyber protection of critical water infrastructures.

STOP-IT delivers high impact through the creation of hands-on training, tools and technologies, best practice guidelines, support for certification and standardization as well as by fostering market opportunities and leveraging an EU water technology multi-stakeholder network.

Prevention

Detection

Response

Mitigation

What are our expected outcomes?

STOP-IT solutions include mature technologies such as public warning systems and smart locks and novel technologies, including fault-tolerant control strategies for SCADA integrated sensors, high-volume real-time sensor data protection via blockchain schemes, irregular human detection using new computer vision methods and WiFi and efficient water contamination detection algorithms.

CYBER THREAT INCIDENT SERVICE

PHYSICAL THREATS TOOLBOX

Cyber & Physical Protection Modules

RT ANOMALY DETECTION

IT & SCADA SECURITY

SECURE COMMUNICATIONS