

Expected Outcomes

ENVIROFI will lead the way in showing how a future internet ICT infrastructure which support geospatial information in Europe enables European Communities, such as environmental policy makers, scientists and social communities collectively monitor, manage and protect their environment.

ENVIROFI shall make information management standards, services and resources more accessible to the wider European communities in context of the Future Internet environmental usage area and beyond. It will also lay the foundations for a Pan European environmental observation web with the following achievements:

- identifying and implementing environmental enablers operating in a multi-style Service Oriented Architecture (SOA);
- implementing reusable knowledge management services for the marine, land and atmospheric usage domains and beyond;
- enabling the wide communities to access to environmental sensing from various sources with context and situation aware spatial information;
- providing on-demand integrated information to large, communities and industries operating in diverse market sectors, such as the environmental energy and the leisure sector.

Policy Context

The Europe 2020 strategy of the European Commission (EC), especially the Digital Agenda flagship initiative, foresees the action to “work with the Member States and stakeholders to implement cross-border eEnvironment services, notably advanced sensor networks”.

The concept of the Future Internet is part of the efforts to deliver economic benefits from fast to ultrafast Internet and interoperable applications.

Partners

Atos

JRC
EUROPEAN COMMISSION

Fraunhofer
IOSB

AIT
AUSTRIAN INSTITUTE
OF TECHNOLOGY

IT
innovation

SINTEF

Logo of a stylized 'G' or 'C' shape.

NILU

UBIMET

umweltbundesamt^U
ENVIRONMENT AGENCY AUSTRIA

intune
networks

EURESCOM

Aalto University
School of Science
and Technology

Marine Institute
Foras na Mara

FI-PPP

The EC provides 600 million Euros funding for Future Internet-related research in the Future Internet Public Private Partnership (FI-PPP) FP7 Programme. The FI-PPP aims to:

- to support an Internet-enabled service economy
- to improve key ICT infrastructures of Europe's economy and society
- to render the Internet more reliable and secure
- to allow real time information to be processed into real time services.

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ENVIROFI

“ENVIROFying” the Future Internet

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