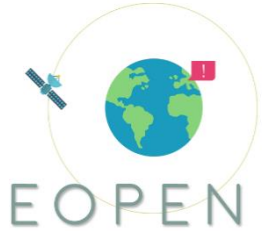EOPEN

EOPEN PROJECT INTRODUCTION

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eopen-project.eu

EOPEN side event for ESA EO Φ-WEEK 2020
28 September - 02 October 2020

European Commission

EOPEN

Project Fact Sheet

https://eopen-project.eu/

eOPEN: opEn interOperable Platform for unified access and analysis of Earth observatioN data)

No.	Organisation	Country
1	**Serco SPA (SERCO)**	Italy
2	**University of Stuttgart (USTUTT)**	Germany
3	**Information Technologies Institute, Centre for Research & Technology Hellas (CERTH)**	Greece
4	**Finnish Meteorological Institute (FMI)**	Finland
5	**National Observatory of Athens (NOA)**	Greece
6	**Alto Adriatico Water Authority (AAWA) - AUTORITA DI BACINO DEI FIUMI ISONZO TAGLIAMENTO LIVENZA PIAVE BRENTA BACCHIGLIONE**	Italy
7	**Korea University Environmental GIS/RS Center (KU-eGISRS)**	Korea
8	**Sundosoft Ltd (SUN)**	Korea
9	**Space Applications Services NV (SPACEAPPS)**	Belgium

TOPIC : EO Big Data Shift
Topic identifier: EO-2-2017
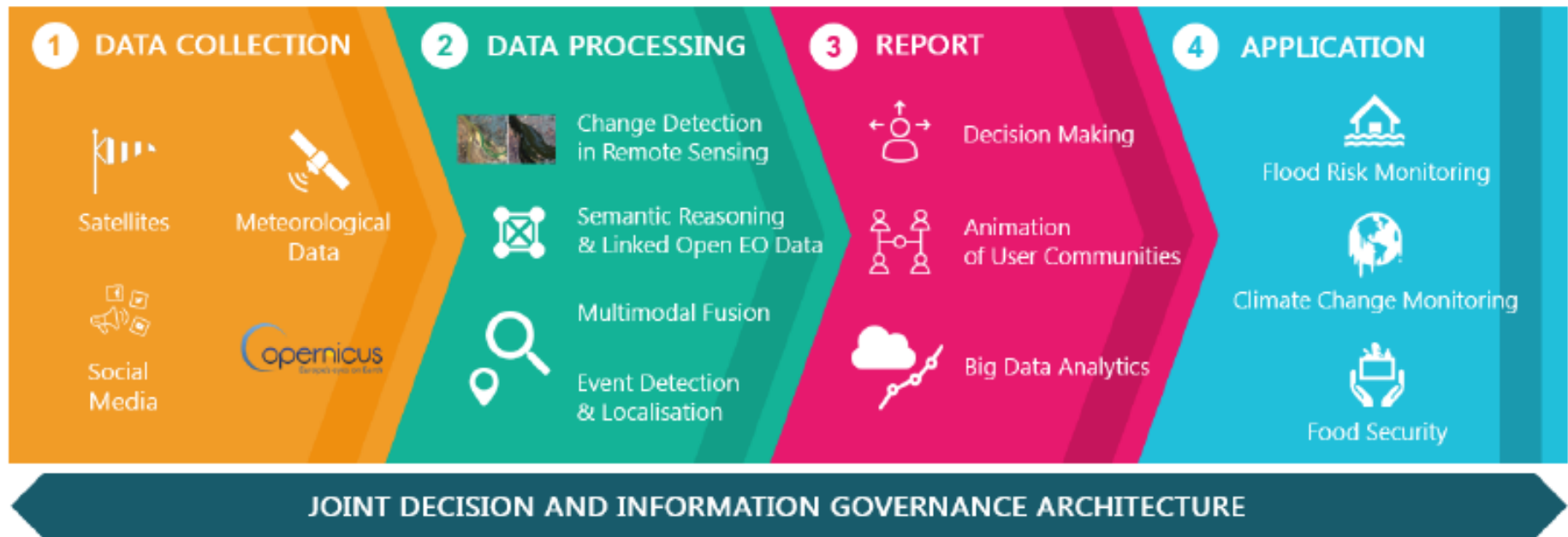*Types of action: RIA Research and Innovation action*
KO: November 2017
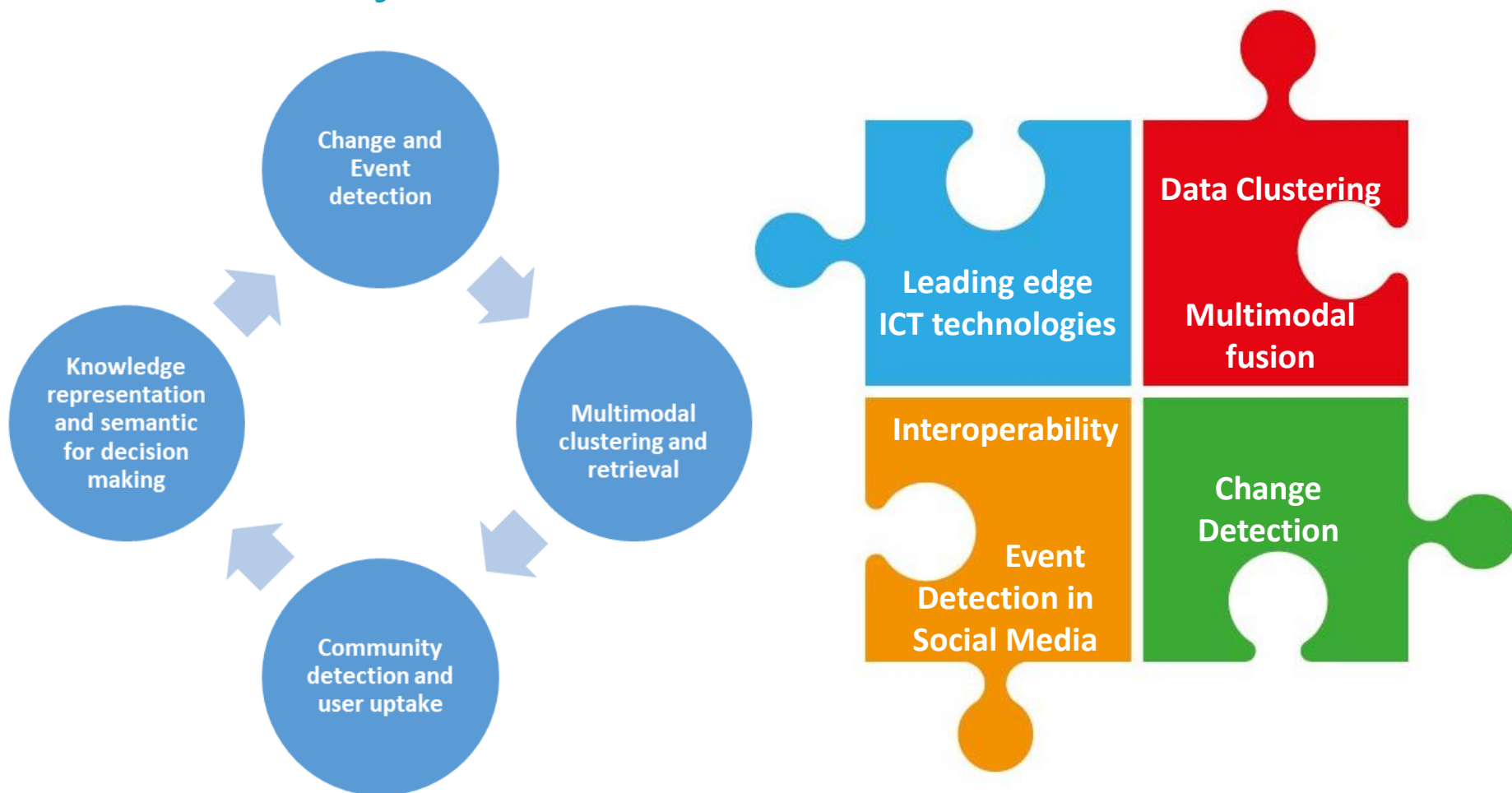*Durations   36 months*
Budget   €2m
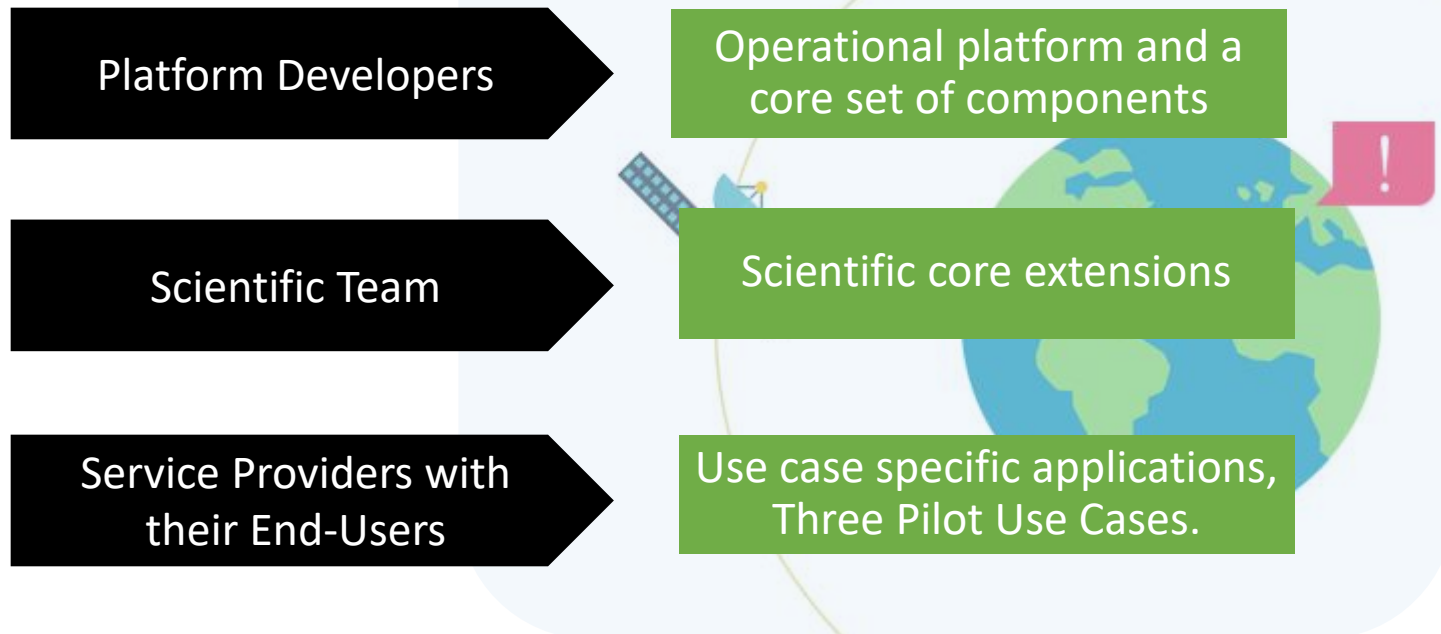
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Topics and Value Proposition

▷ Adaptation of ICT **big data technologies** to **Copernicus** user scenarios

▷ **Enable public** and intermediate **commercial** users

▷ Increasing information and knowledge content **of EO and non EO data** and triggering new commercial initiatives

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Scientific Objectives and Drivers

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EOPEN Development

Platform Developers → Operational platform and a core set of components

Scientific Team → Scientific core extensions

Service Providers with their End-Users → Use case specific applications, Three Pilot Use Cases.
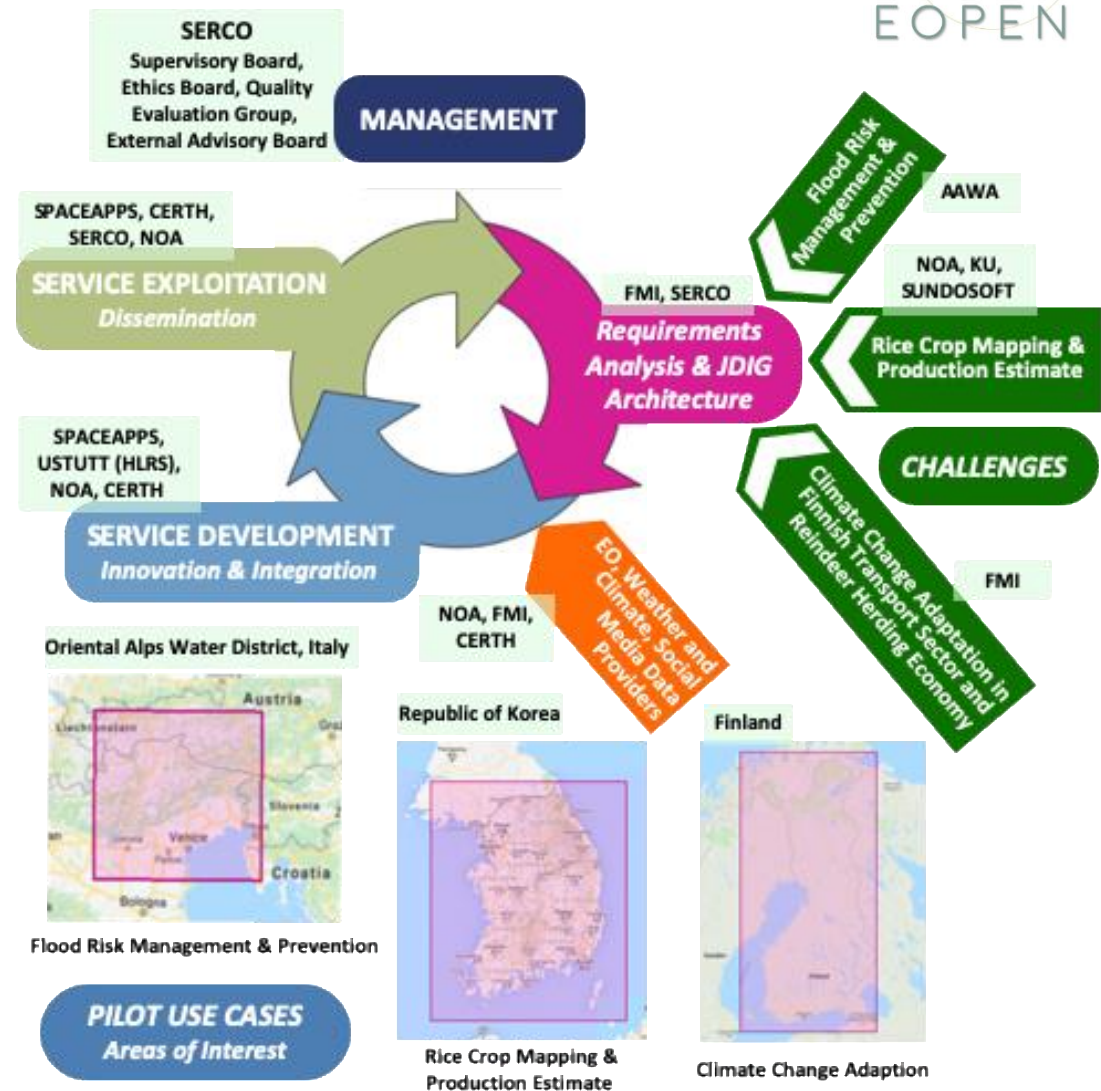
Organised in three teams the EOPEN partners have delivered and demonstrated EOPEN to the user community

Application-Service full life cycle support

The EOPEN lifecycle model is used to develop services and has been used to implement 3 pilot use cases:

1. Flood prevention;
2. Food security;
3. Climate Change.

They are being used for field Demonstrations, End-user Evaluation and Training

Q&A

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