

## eEnvironmental services for advanced applications within INSPIRE

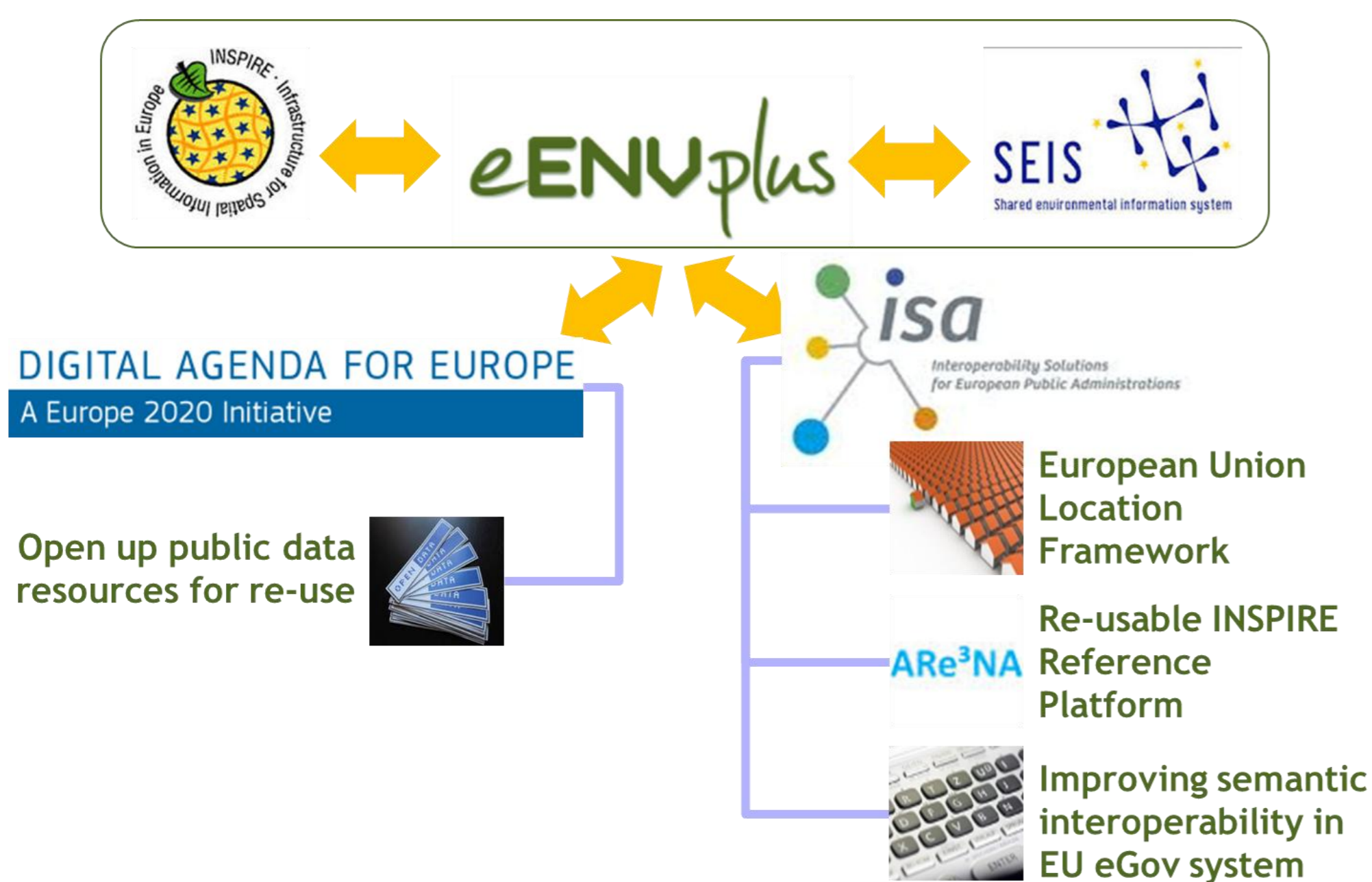
### The Project

eENVplus is a Pilot Type A project, funded by European Union under the Competitiveness and Innovation Framework Programme

We aim to unlock huge amounts of environmental data, managed by **Environment Agencies** and other environmental stakeholders, through the integration and harmonisation of existing services.

Starting from the results of previous European experiences, eENVplus integrates existing infrastructures into an operational framework.

### The Policy



### Key Objectives

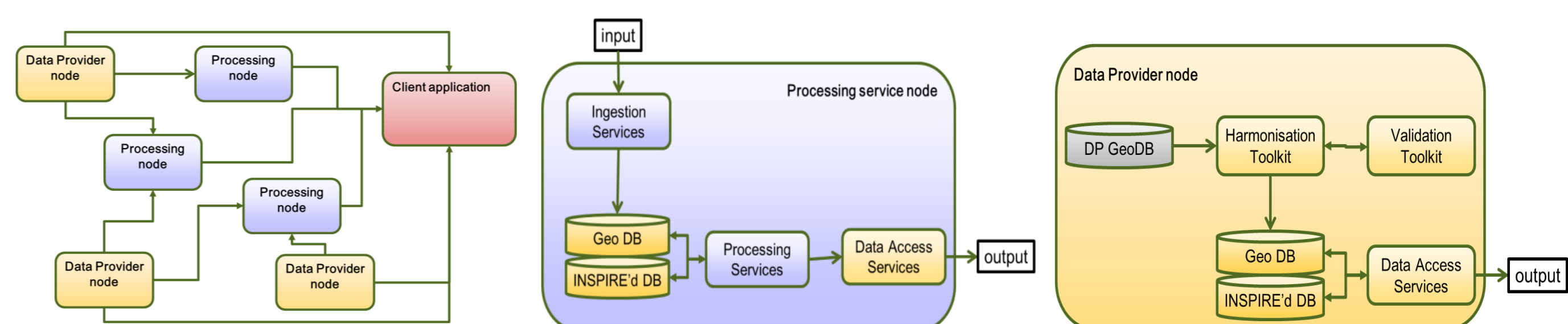
- ✓ Provision of an **interoperable infrastructure** to share and process geo-spatial data in order to provide added value information and services to be shared in a cross-language, cross-scale and cross-thematic environment
- ✓ Provision of **re-usable** solutions, in terms of open data, open components, open services, open infrastructures and open applications.

### The Partnership



### Technological solution

The **eENVplus infrastructure** is composed by a set of components combined into the nodes which are linked between them through input/output interface protocols



### Concrete Outputs



#### INSPIRE Compliance

A set of components performing the overall operational workflow for the design and the deployment of **SDI based on the INSPIRE implementing rules** and standards



#### Metadata Management

A comprehensive, open and scalable infrastructure able to **integrate existing infrastructures according to the INSPIRE requirements**

#### Harmonisation and Validation



A comprehensive toolkit with **procedures, guidelines and examples for data harmonisation and validation**



#### Environmental Thesaurus

A common **Environment Thesaurus Framework**, supporting the integration of existing thesauri relevant for the environmental sector via Linked Data

#### Innovative Services



A set of **innovative added-value interoperable services** aiming to facilitate the development of innovative environmental applications



#### Training in INSPIRE

A **Training Framework** to support, with eLearning tools, the development of the necessary capacities and knowledge to implement INSPIRE