

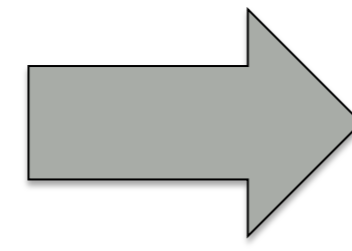
## Applying standards to ICT models, tools and data in Europe to improve river basin networks and spread innovation on water sector

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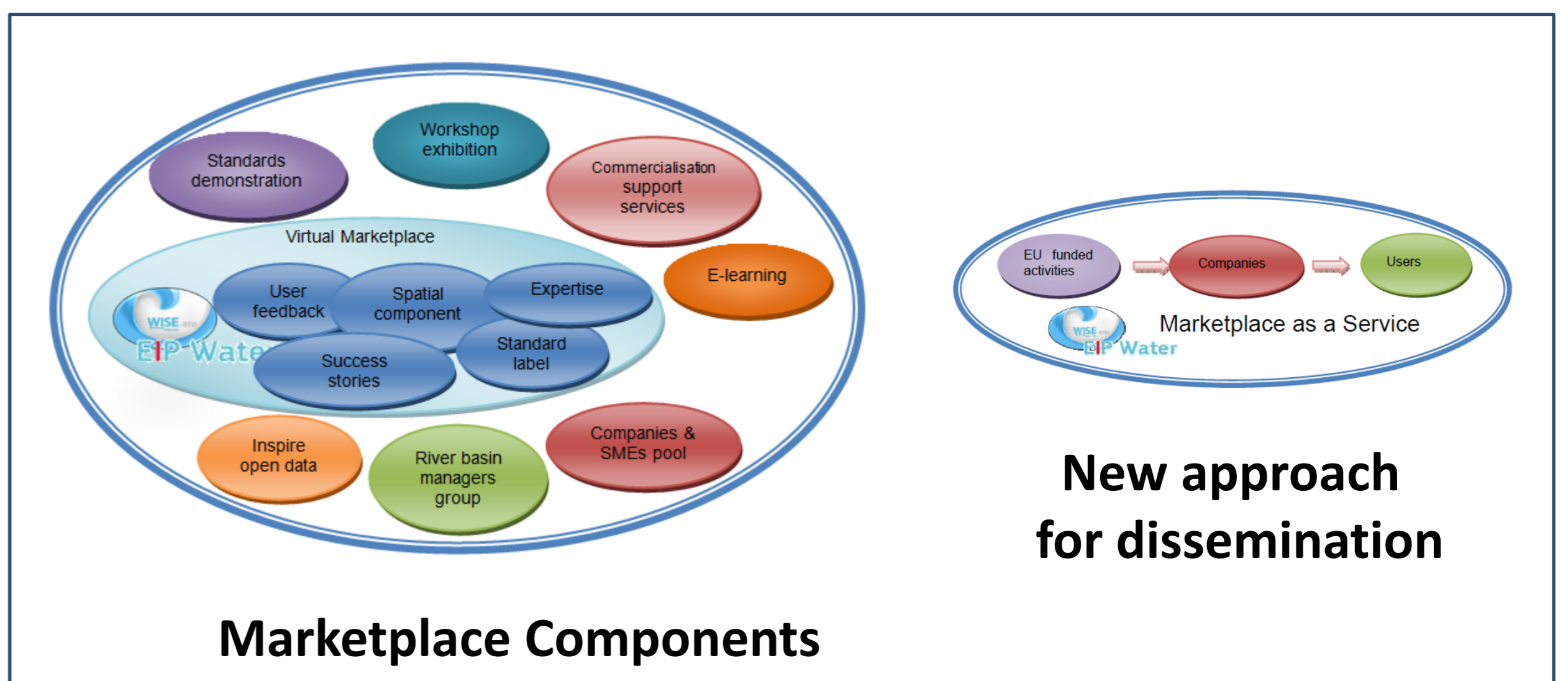
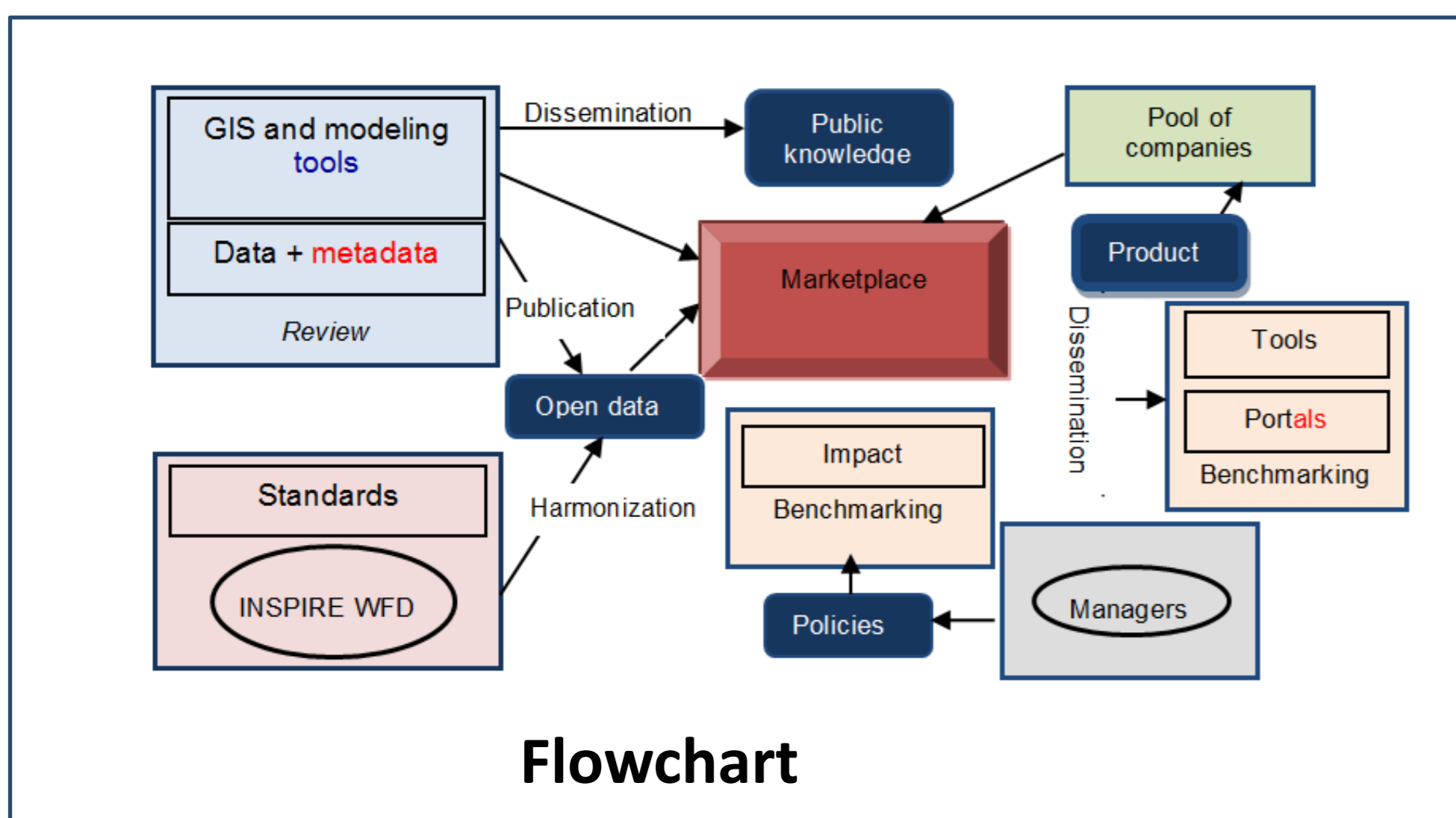
### Overall approach

WaterInnEU's primary vision is to create a **marketplace** (supported by a portal) to enhance the exploitation of EU funded ICT models, tools, data, protocols and policy briefs related to water, to establish suitable conditions for new market opportunities based on these offerings and create **synergies between research and companies**



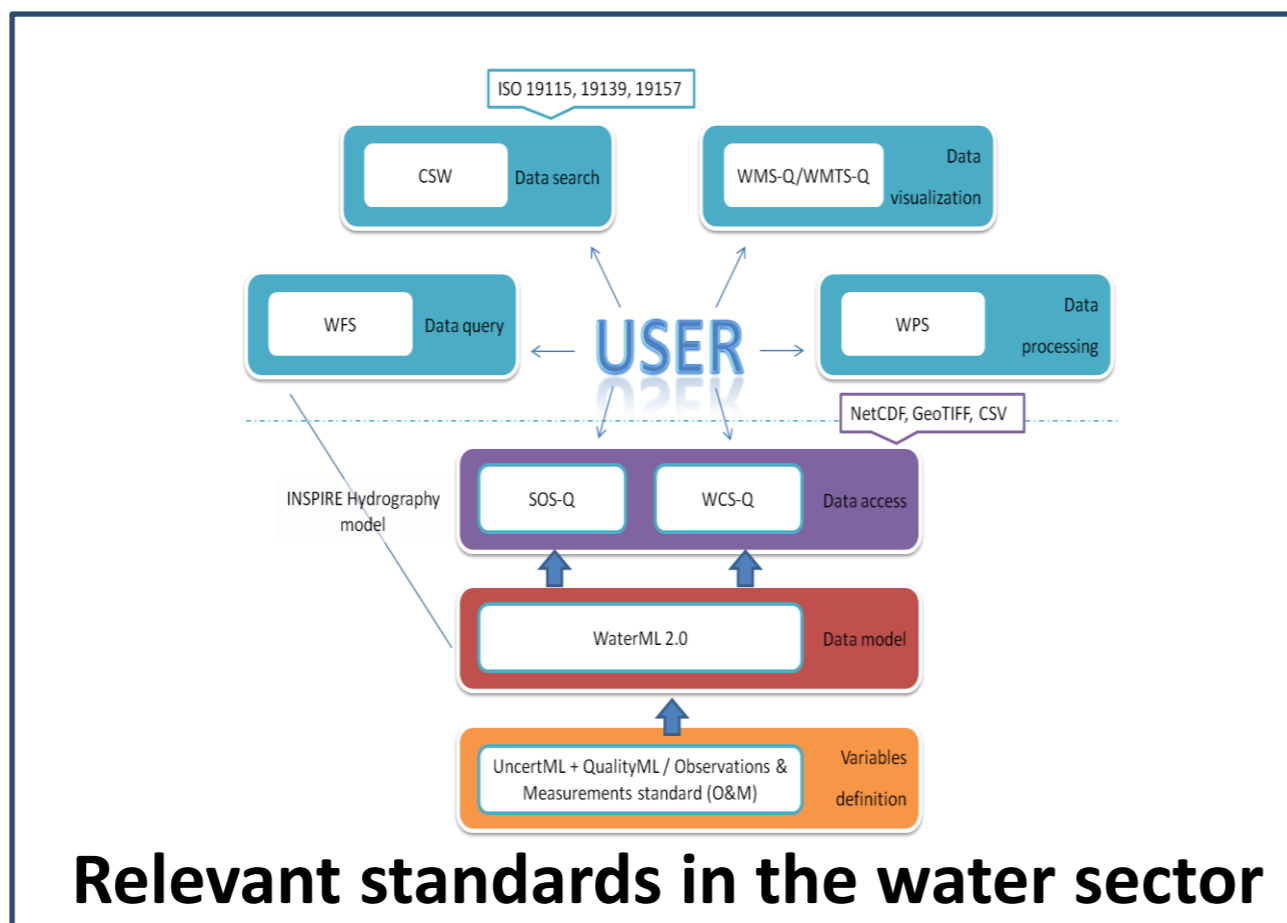
This vision will be accomplished through **two primary goals**:

- **Connect** the outcomes developed in previous EU funded activities with the already existing data available at European level
- Offer an independent **marketplace as a service** for users that allows them to access products and services best fitting their priorities, capabilities and procurement processes



### Interoperability component

The **standardization** and the promotion of the **interoperability** is the key for increasing the impact of EU funded activities, also in water fields.



- Interoperable tools can easily use previous data, can easily be replaced by other **compatible** components and results can easily be communicated
- Interoperability understands and employs the discovered information and tools, **no matter what platform**
- It evolves a processing environment for commercial use **without being constrained** to a single vendor's offerings
- Through a set of **standards**, interoperability facilitates the geographic information integration

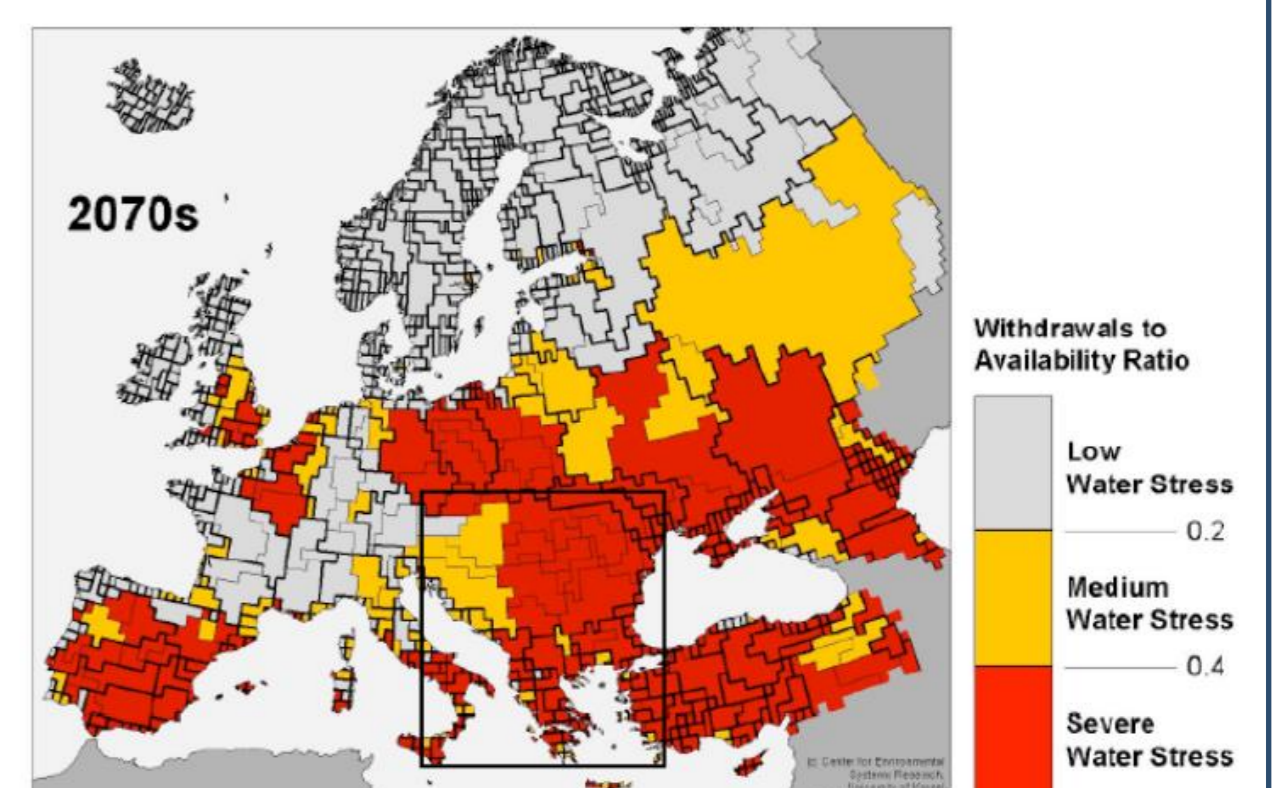
### Pilot cases

The **Scheldt** flows through Wallonia, Flanders and the Netherlands. It discharges in the North Sea at Flushing which makes it one of Europe's most densely populated river basin which has several issues:

- quality of surface water
- groundwater vulnerability
- ...



**Maritsa** is the largest river in Balkan peninsula. Water scarcity and climate change projections in the Maritsa River Basin require implementation of an innovative approach for better water management and protection of water resources.



**Water stress in Europe under A baseline scenario. (V. Alexandrov)**

### Partners

The consortium is formed by 8 partners from 7 countries: Spain, Netherlands, Germany, Belgium, Italy, Slovakia and United Kingdom.



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