



Symposium on **ict4water** drives circular economy

H2020 - Water 4a Projects:



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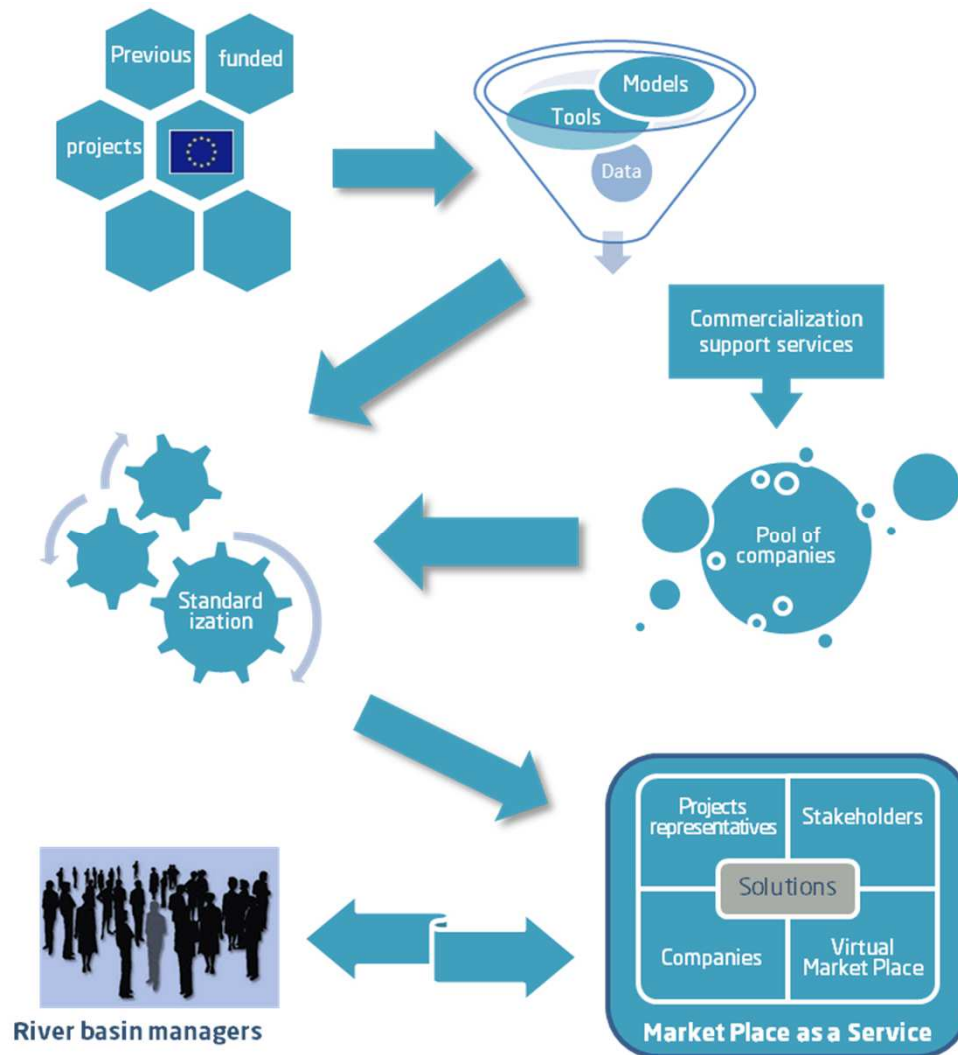
WaterInnEU project



Applying European market leadership to river basin networks and spreading of innovation on water ICT models, tools and data



WaterInnEU project



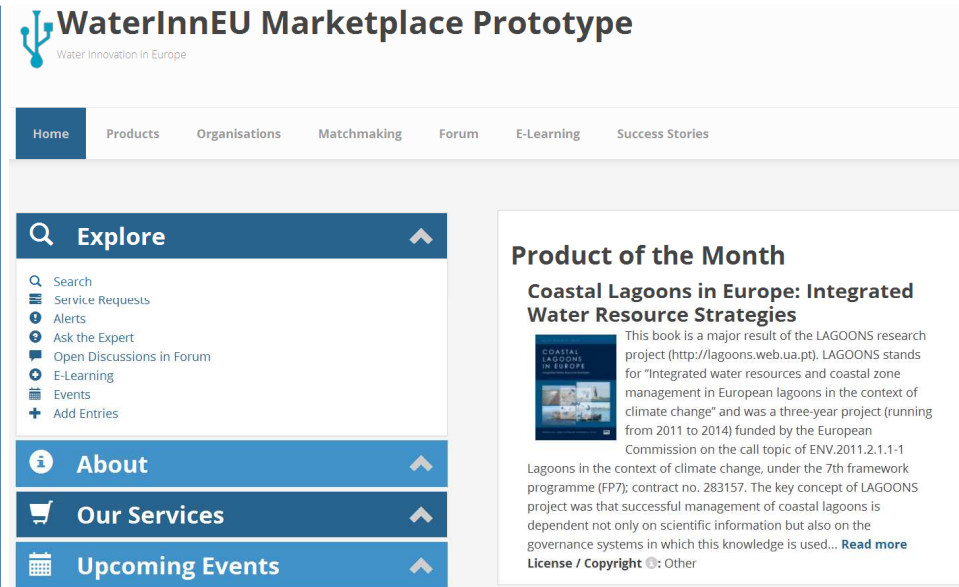
WaterInnEU brings together research institutes, university, companies and international networks in Europe from water sector.

It's primary vision is to create a marketplace to enhance the exploitation of EU funded ICT models, tools, protocols and policy briefs.

WaterInnEU Marketplace

Main characteristics:

- *Less is more* approach
- River basin management goals
- Open source



Test portal: <https://wie.dev.52north.org/en>

Open source code: <https://github.com/52North/waterinneu>

Synergies to other marketplaces:

Common metadatasets portals

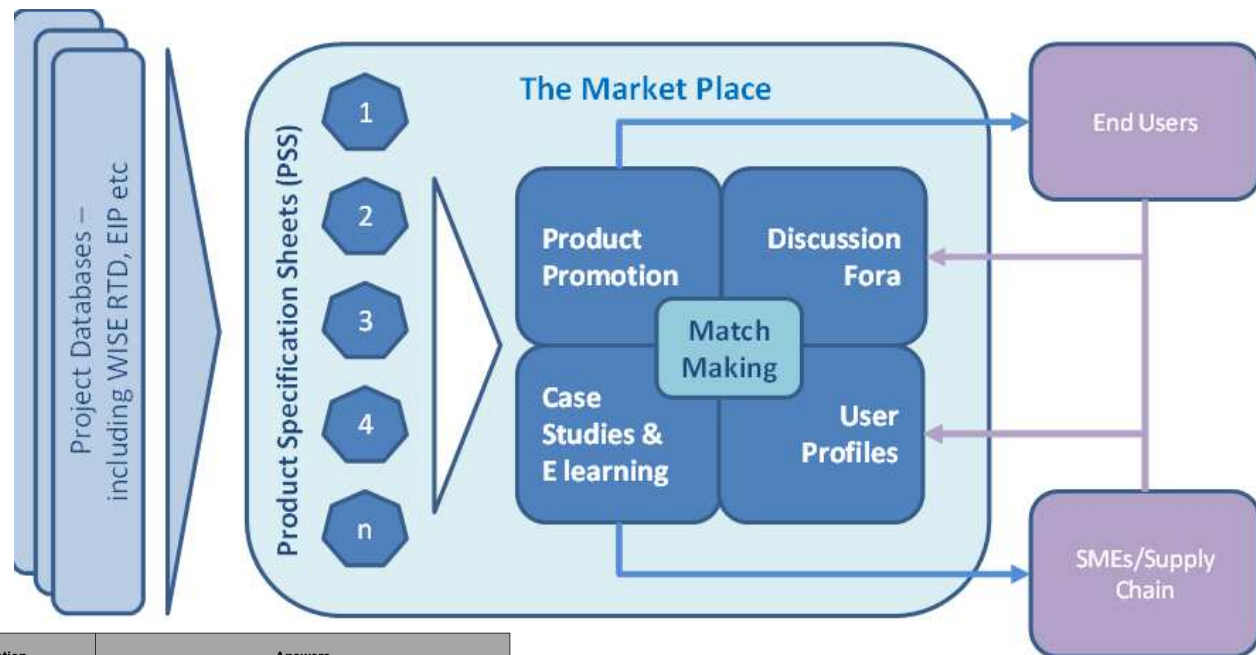


EIP Water



PSS prioritisation

Less is more
approach ->
products
prioritisation



Field name	pre-defined terms for drop down selection or Text	Field Description	Answers
Title	FREE TEXT	What's the title or name of the product?	Cross Flow Lamella Settler for local treatment of CSOs
Version	FREE TEXT	What is the version or publication date of the product?	Inauguration on 01.04.2015
Description*	FREE TEXT	What is the product about? - Short description of the product and background information	Lamella settlers have been used in the past few years to enhance the sedimentation of particles in wastewater and stormwater applications (inside of CSO during storm events). A new and very innovative approach for the treatment of stormwater flows which extends the portfolio of solutions beyond traditional settling tanks. Surface runoff is stored in a sewer or a basin and finally treated in a small but continuously operated lamella clarifier. The low throughput flow will yield good treatment efficiency at a small footprint. The possibilities of using existing storage volume in a storm sewer, as well as the structural flexibility of the arrangement are decisive benefits. As a large operational advantage, the lamellae may be cleaned mechanically, e.g. by pivoting under water. Finally, the flow and the sludge which is sent to the downstream treatment plant is minimized.
Related Links and Supporting Material	LINK	Where can I find relevant information or download the product? - Links to websites of the product or to projects where the product has been implemented. - Download material such as worksheets by the supplier of the product.	http://www.uft-brombach.de/aktuelles/beitrag/inauguration/ https://dessin-project.eu/?page_id=40 Emscher Genossenschaft http://www.eglv.de/wasserportal/startseite/ animation: http://www.solidliquid-separation.com/clarifiers/lamella/lamella.htm Paper: http://documents.irevues.inist.fr/bitstream/handle/2042/51419/2/B52-066WEL.pdf?sequence=1

Demonstrate Ecosystem Services
Enabling Innovation in the Water Sector

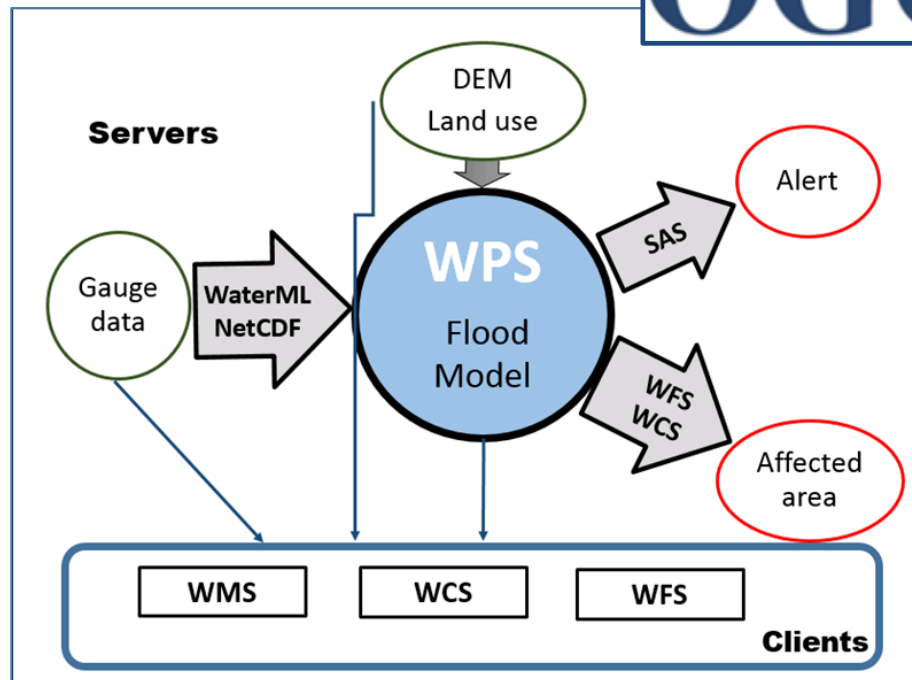


Standardization approach

WaterInnEU promotes interoperable solutions

It deals with integration and harmonization of the different tools and initiatives into a common framework applying the relevant standards (in the INSPIRE, WFD, etc context)

OGC®



- University of Texas
- CEH
- WIDEST - EURECAT
- FREEWAT – SUSPI
- EIP Water, Deltares, OIEAu...



Thank you for your attention

Questions?

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