

# Developing data management solutions for WFD / MSD

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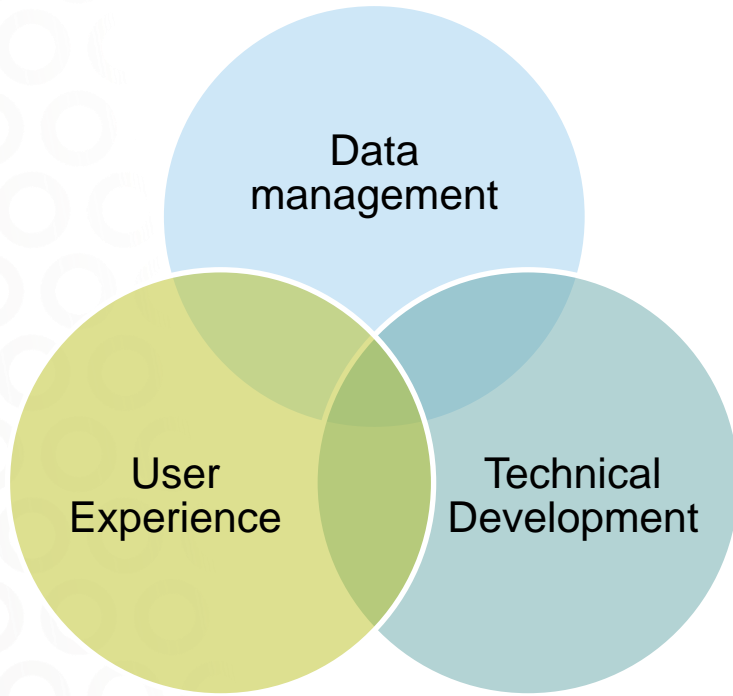


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# Background

- Wide selection of databases, systems and user interfaces related to river basin management
  - Some of them at the end of lifecycle
- Development has been done in small pieces
  - Fragmented environment
- User experience not optimal
- Lakes & rivers, groundwater reserves and the Baltic Sea handled partly separately

# In Scope



- Lakes, rivers, groundwater reserves and the Baltic Sea
  - Harmonizing processes and combining data when possible
- Professional users
  - Services for citizens under development in VESPA A and Meritietoportaali projects
- Innovative solutions



# Goal 1

To design and build **new information management solution** for river basin management (including Baltic Sea).

The solution can be **easily further developed** as requirements change.

## Goal 2

To ensure **efficient information management** and **information flow** in all parts of river basin management processes

Implementation of missing interfaces

Implementation of missing databases

# Goal 3

**Common user interface** for all users enabling usage of all tools and services

Common user experience and logical structure for all users

Visual map interface

# Goal 4

Excellent **reporting** and analyzing possibilities

EU reporting taken account

# Goal 5

Renewal of some **operational systems** to be part of new solution

Renewal of ground water system (POVET) together with VESPA B project

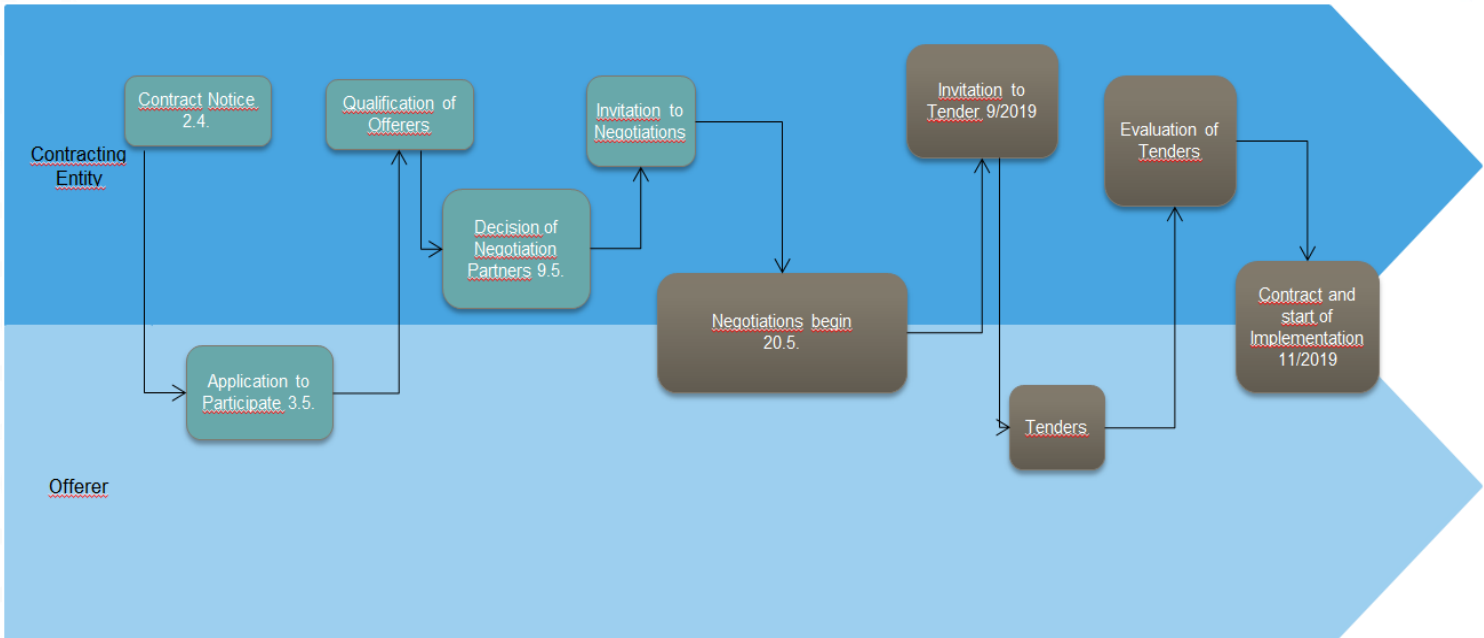
Planning features for surface waters (especially Baltic sea)

Development of other background systems if necessary



# Selection of Vendor in Progress

- Competitive negotiation procedure
- 3 negotiation partners



# Facts about the Project

- Schedule
  - Competitive Negotiation Process -> 11/2019
  - Agile implementation 11/2019 – 12/2020
  - Future development 2020 ->
- Resources
  - Ministry of the Environment
  - SYKE (Finnish Environment Institute)
  - ELY Centres (Centre for Economic Development, Transport and the Environment)

# Thank you!

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