



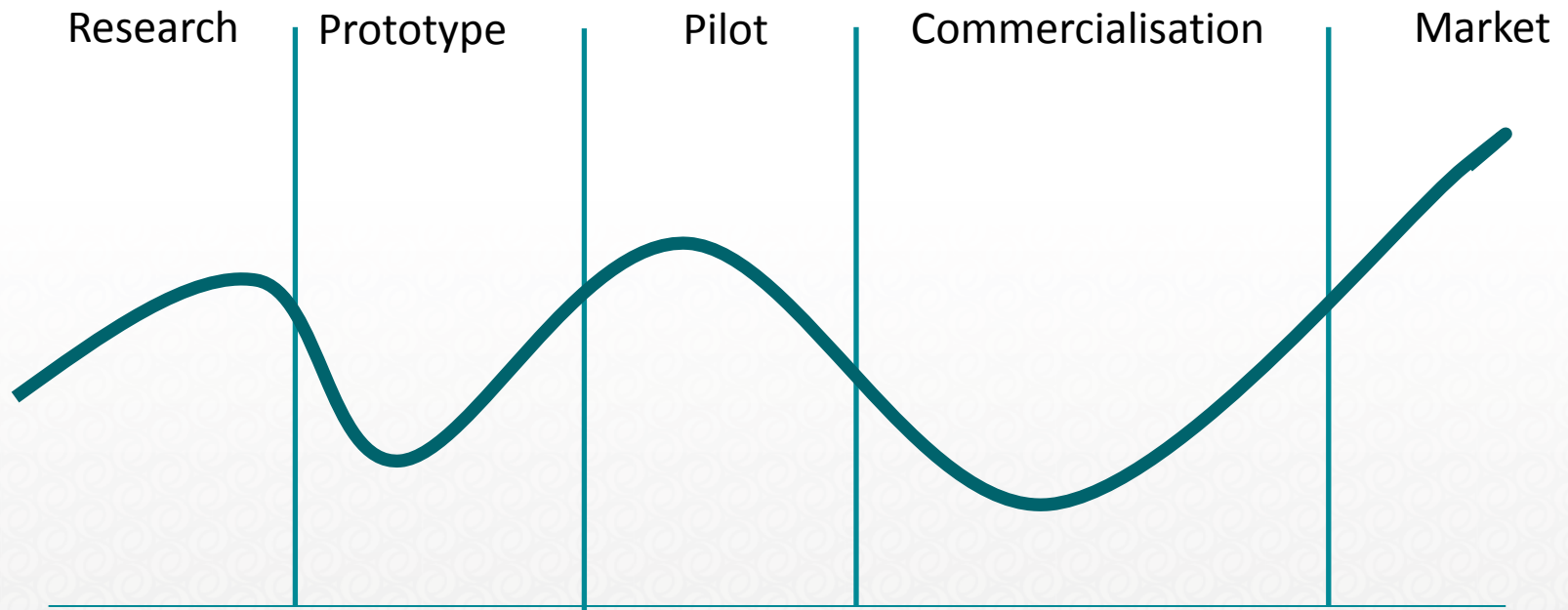
Reuse, Recovery and Resource efficiency,
Innovations in urban wastewater treatment

R3Water 2nd Cross cutting issue workshop
From Innovation to Market:
The Second Valley of Death



This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under grant agreement No 619093.

2nd Valley of death





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Agenda

1. Welcome and introduction to R3Water *Uwe Fortkamp (IVL, Sweden)*

2. R3Water vs. RTWQM Action Group: links and synergies *Sergio de Campos (ADASA, Spain)*

3. Market summaries for technologies , *Katja Wendler (DECHEMA e.V., Germany)*

- Reuse of water
- Resource recovery
- Resource efficiency

4. External speeches

1. “Implications of the revised Drinking Water Directive for real-time water quality monitoring”
,Adriana Hulsmann (Benten Water Solutions, The Netherlands)

2. “How to overcome funding barriers on the way of innovations to the market – sources of funding and successful business models” , *Nityen Lal (ICOS Capital Management B.V., The Netherlands)*

10:45 Coffee break

5. World Café (Part I) , *3 tables : reuse of water, resource recovery, resource efficiency*

- 1st round on **technologies (30 min)**: networking session (to give the participants information on the specific R3Water technologies)
- Results first cross cutting issue workshop **(15 min)**

11:45 Lunch



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Agenda part 2

12:45 5. World Café (Part II)

market (30 min): 3 tables :*reuse of water, resource recovery, resource efficiency*:

Discussion on how to tackle barriers and face the market

6. Summary of each of the 3 World Café tables

7. Discussion

- What do the World Café results mean for the future?
- Which steps/measures need to be taken?

8. Summary of the workshop ,Uwe Fortkamp (IVL, Sweden)

15:00 End of the workshop

Open Session of

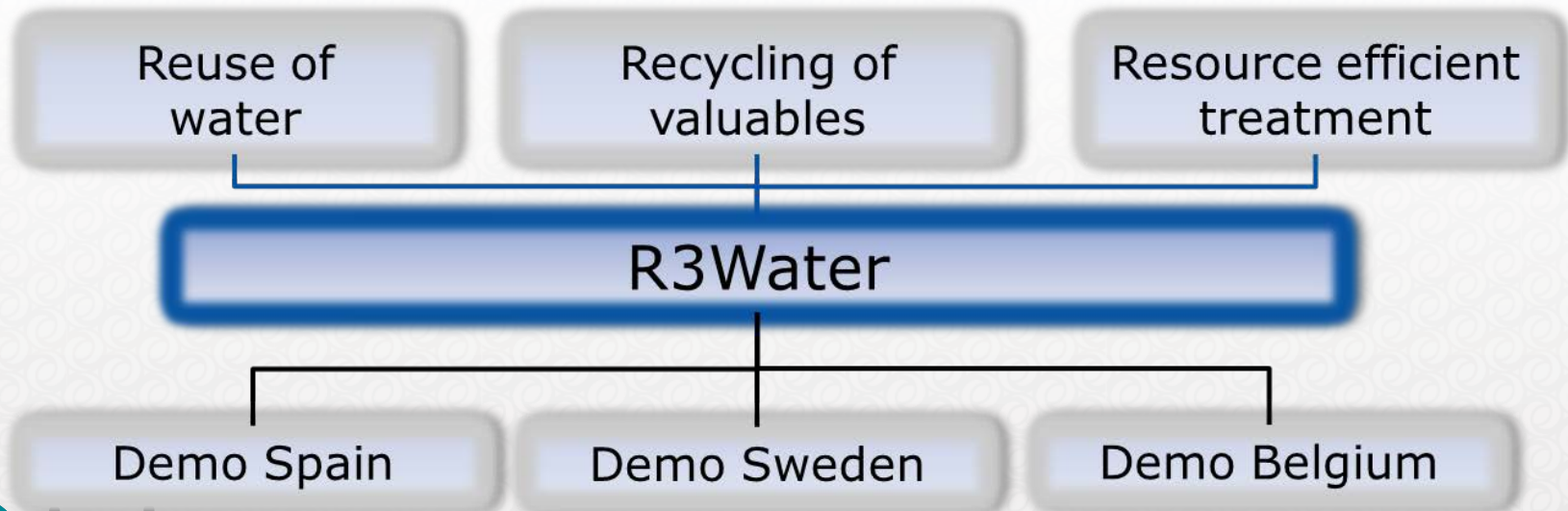
EIP Water “Real Time Water Quality Monitoring (RTWQM)” Action Group



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Project objectives

- ➔ To support the transition from an urban wastewater treatment plant to a production unit of different valuables by demonstrating new solutions to address main challenges
- ➔ To facilitate the market uptake of these innovative solutions





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12 partners (6 SMEs)

- Belgium: *Aquafin*
- Finland: *VTT, Ekolite*
- Germany: *DECHEMA, AVA-CO2*
- Great Britain: *Perlemax*
- Norway: *Prediktor*
- Spain: *Adasa, Icra, Teqma*
- Sweden: *Aqua-Q, IVL*



Map adapted from <http://ppt-toolkit.com>



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Innovative areas covered

- ➔ Water reuse
 - Monitoring and control
 - Treatment of pharmaceuticals

- ➔ Recovery of valubles
 - Bio-char
 - Ash recovery

- ➔ Resource efficient treatment
 - Aeration
 - Process control
 - Anammox control





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Project managers and contact

- Uwe Fortkamp, uwe.fortkamp@ivl.se
- Klara Westling, klara.westling@ivl.se