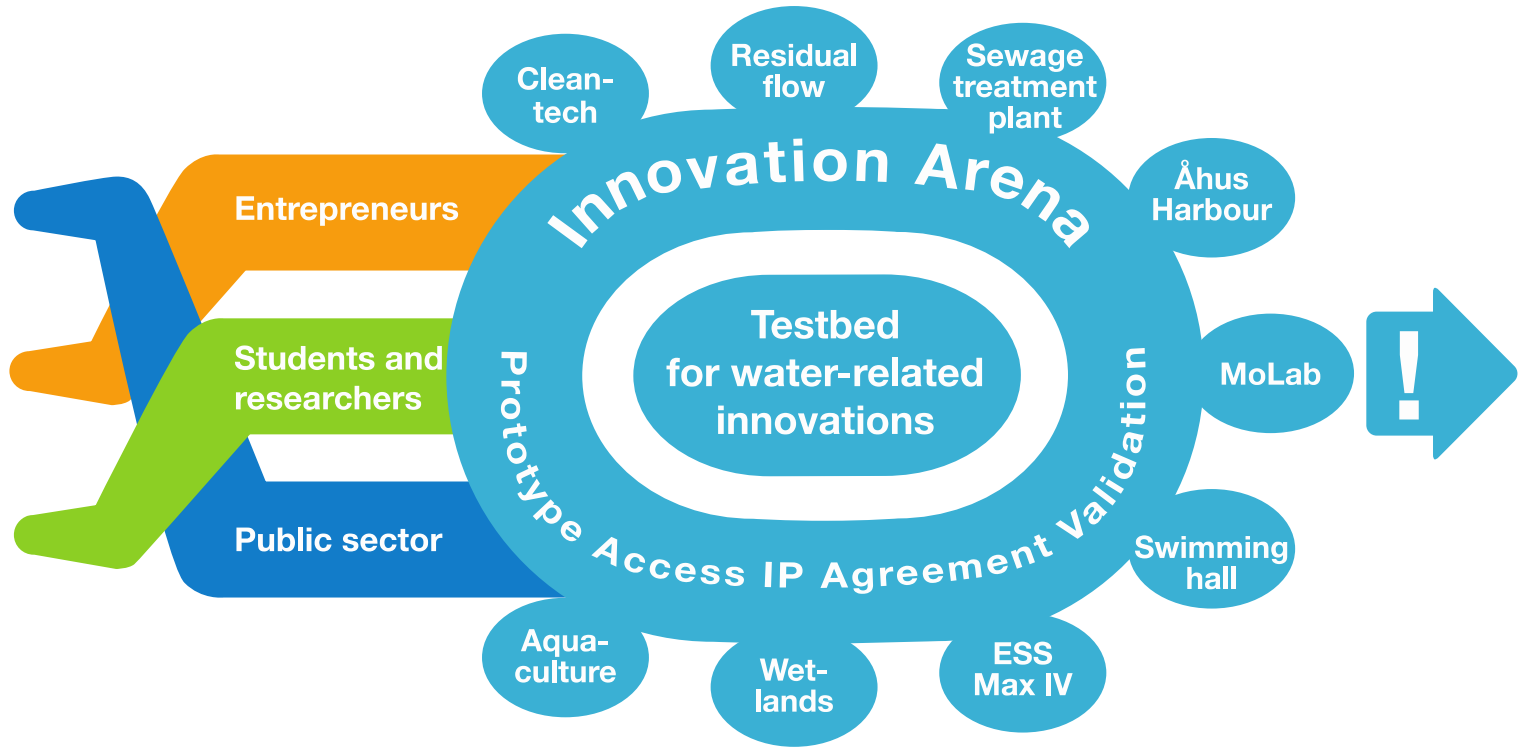


Testbed for water-related innovations





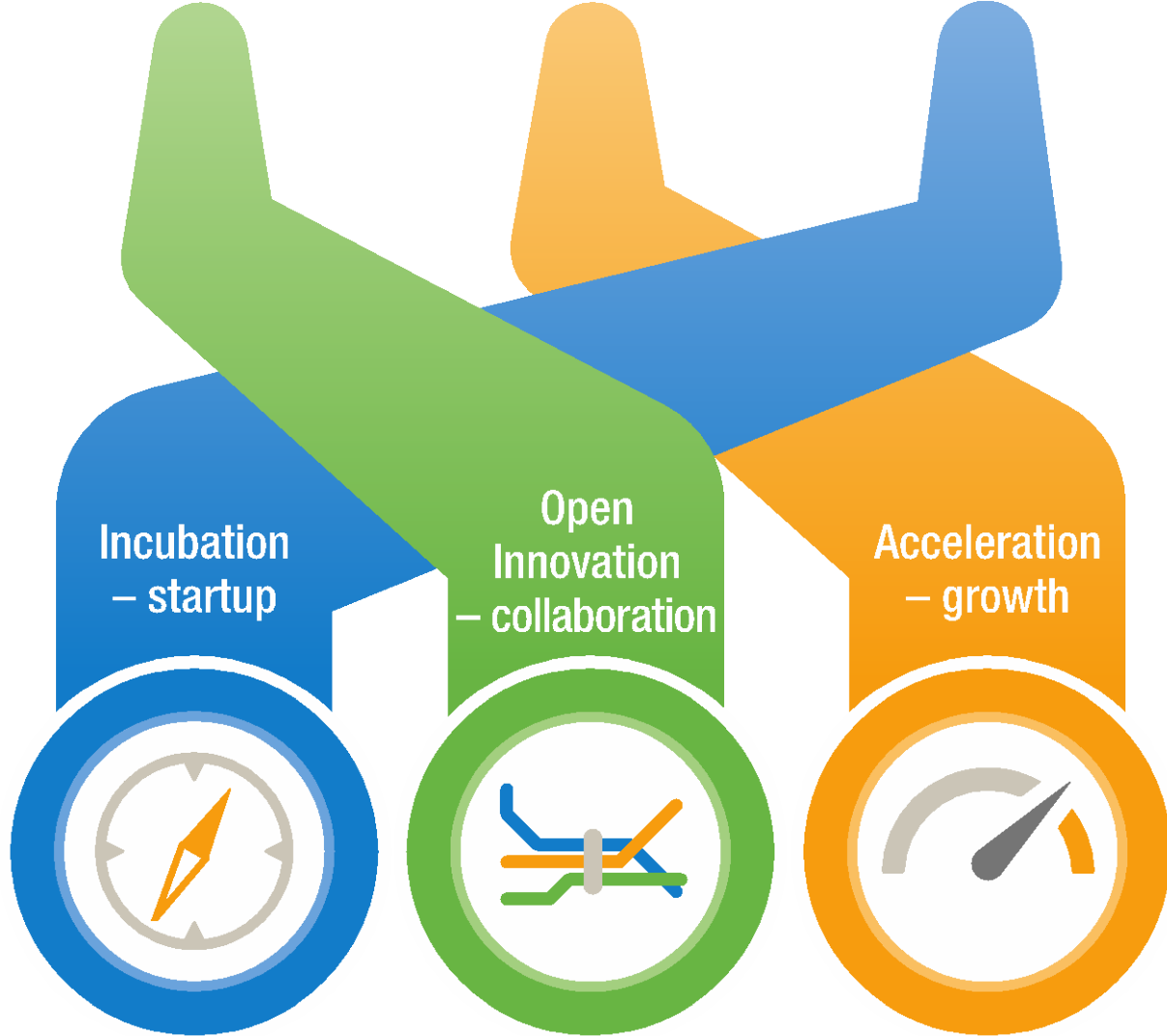


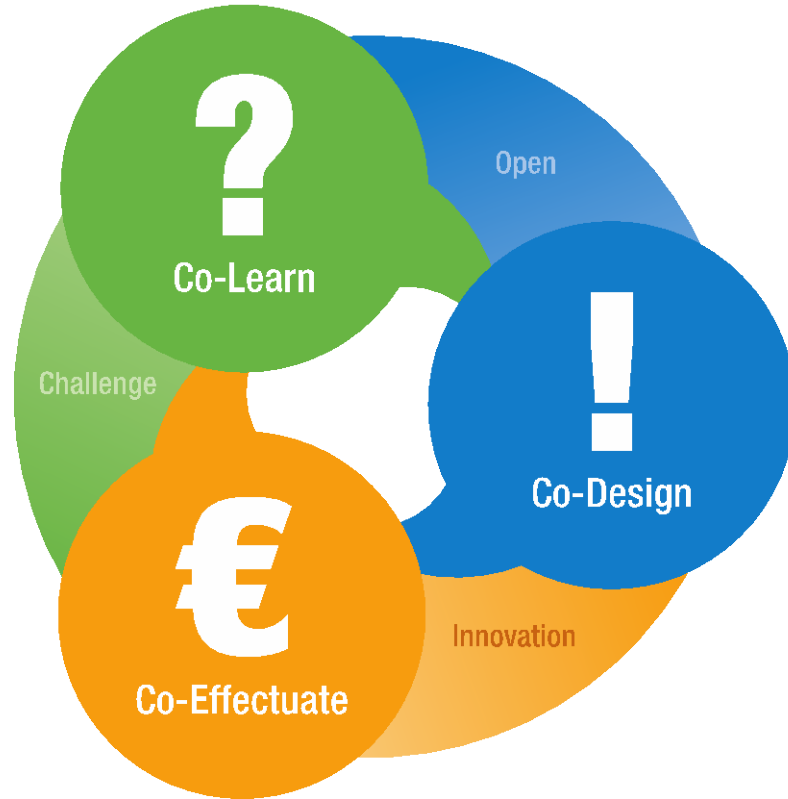
Why a testbed?

- An environment designed for development and experimental innovation processes.
- Minimizes risks and access to development resources and test functions.

Platform for test of new concepts and technologies related to water

- Access to public and private functions for test, competence and problem solving
- Part of Krinova's innovation arena with tools and methods for open and challenge driven innovation
- Methods and tools to create a transboundary cross border project team
- Commercialisation support for development projects in cooperation





Cleantech

- Assist in manufacturing equipment for testing and performing tests



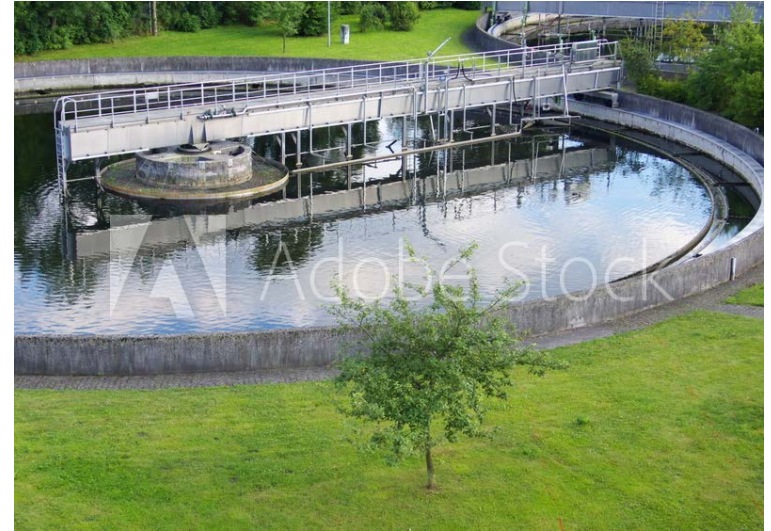
Plant for residual flow

- To make leachate water a resource instead of a problem
- Collaboration with external partners to find solutions for purification of water



Sewage treatment plant

- Emissions from the modern society as drug residues, microplastics makes new demands
- Need for new technology
- New laws and regulations which requires purifying of wastewater from eg drug residues



The port of Åhus

- One of the more important bulk harbours in southern Sweden and the largest container harbour in South East Sweden.
- *Challenge - handling of run-off water mixed with bulk rests not to contaminate the basin.*



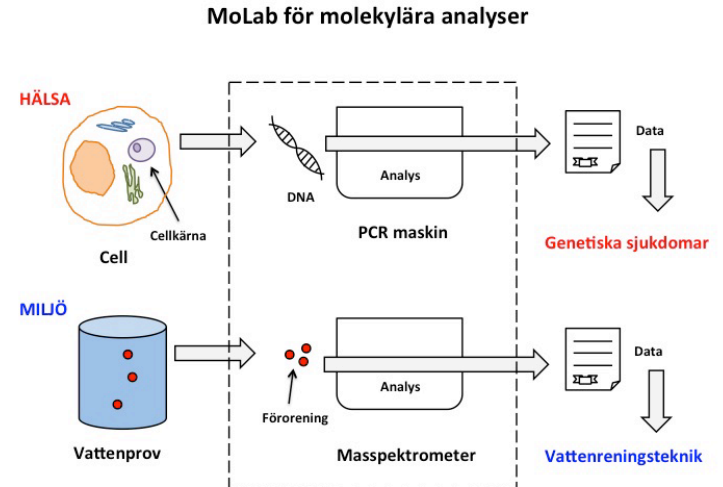
A swimming hall of tomorrow

- Developing the swimming hall of tomorrow
- *Five zones of innovations are identified: swimming hall as a tool for place branding, development of new technique, energy saving, meeting place and pedagogic.*



Lab Facilities MoLab

- Advanced research in analytical chemistry and genetics
- Analyses of molecules using mass spectrometry and DNA sequencing
- Function - Analyses that is important in setting up experimental, iterative and challenge driven development processes.



Research facilities ESS and Max IV

- A multi-disciplinary research facility based on the world's most powerful neutron source
- A Swedish national laboratory providing scientists with the most brilliant X-rays for research
- The testbed is a tool for defining, pin down and preparing development projects.





Kristianstads
kommun

Kristianstads Vattenrike Biosphere Reserve

A model area for sustainable development

Designated by Unesco



United Nations
Educational, Scientific and
Cultural Organization



Man and
the Biosphere
Programme Sweden



Vattenriket

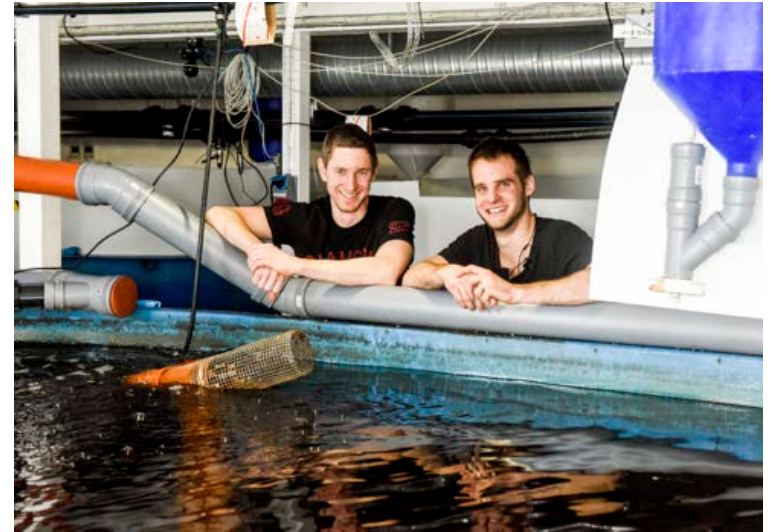


The Kristianstads wetlands

- A unique biosphere reserve by UNESCO in the city centre. A role model for sustainable development where nature, people and the urban city lives in a balanced eco-system.
- *On-going challenge to keep this balance and a source for several new innovation projects*
- *The brownification a challenge for the community*

Aquaculture Gårdsfisk

- Gårdsfisk grow fish without contributing to overfishing, pollution and eutrophication
- Able to deal with all nutrient emissions from farming using it as a high-grade fertilizer with a minimum of environmental impact



Gårdsfisk – infrastructure for test of components

- Infrastructure at hand to test component.
- *Continous development to assure operational safety and risk minimization*
- *Gårdsfisk sees a great advantage in bringing in external companies and their development projects and products for evaluation and demonstration*



Make use of the testbed for water-related innovations

- Access to public and private functions for test, competence and problem solving
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- Commercialisation support for development projects in cooperation