## Water sector professional skills and competence gap Netherlands

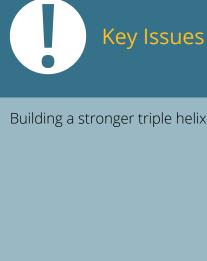




- curiosity for new developments in their profession
- professional attitude
- pro-active
- networking skills (know how to find the right people)
- digital skills (ICT but also with the internet)

Table: Skills and competences that future Water sector professionals currently lack but desperately need in the Netherlands

## Progression routes for Regional CoVE Water the Netherlands





**Business Model Canvas** or Activities



## Key activities;

- Initiation
- Facilitation
- Coordination
- Organisation
- Accountmanagement

## Key partners;

- MBO Life Science
- Partner schools (21)
- Business/industry (20)

Bringing key partners together with key activities.

Drinking water technique course with a drinking water company workers, VET teachers and VET students together in groups. One student got a job at the drinking water company.

Hackaton with VET students, teachers and the Dutch Waterboard Wetterskip Fryslan

Cooperation with Wetterskip Fryslan and VET schools to teach VET students about the new environment law.

Building a stronger triple helix Developing and supporting innovative professionals

Developing innovative education on the topic of water technology on VET level (EFQ 3, 4 and 5) aimed at future craftsmen.

Analyst of the Future course, to help analysts work with innovative methods for analysing.

Project 'Thuisduinen', where students of various VET schools work together. Over the years, the question has arisen as to how the residents of Huisduinen

		can contribute to a future-proof development of their residential and living environment, while retaining its identity and areaspecific character. All students will present a recommendation to take the village's sustainability ambition further.
Digital transformation	Excellent trained craftsmen for the watersector  New innovative education materials	Excellent trained craftsmen for the watersector  New innovative education materials  Organizing online classes for teaching, workshops and hackatons.  Let students participate in the online hackaton 'Futureproof Drinking water'.  Exploring the opportunities for VR/AR
Working closer with schools to attract future employees	Development teachers  Programm for primairy school children on the theme of tecnique  Excellent trained craftsmen for the watersector	Joining MBO Life Sciences in Open Days to attract future students.  The programme waterprofessor  Lifelong learning as a future perspective
Hybrid environment	New innovative education materials  Good practices	Together with the Water application centre (WAC), water tech companies and schools we work on innovative education. We bring the companies and schools together.  Teachers and company employees are co creating to teach VET students