

CoVE Water Baltics under the coordination of Riga Technical University with partners from Latvia and Estonia



<https://www.povewater.eu/>

<https://www.linkedin.com/company/pove-water-platform-of-vocational-education/?viewAsMember=true>

<https://www.facebook.com/POVEWATER/>



Co-funded by
the European Union

Development of initiative PoVE Water



2018-2023

iWatermap “Water Technology Innovation Roadmaps”



2020-2021

Pilot PoVE Water



2022 –2026

PoVE Water Scale-up

Strategical problem

In Latvia, there is no leading institution supervising the water management sector, which has resulted in the complete ignoring of the sector's problems in the political agenda compared to other countries

Operational problems

- Water sector – only 1% from national economy;
- Environmental (water) specialties are not among youngsters dream professions;
- In VET level during last 10 years in Latvia 0 graduates.



Coordinators of the educational renewal process – experts from Employers' Confederation of Latvia



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Professional education - adult operator lifelong learning training in Baltic CoVE

Latvia

2022-2023: 16 adults graduates (EQF4)

2023-2024: 17 adults, ongoing (EQF4)

Estonia

2019: first graduates (EQF5)

2017-2024: in total 110 adult graduates

Required competence defined in «Public Water Supply and Sewerage Act»



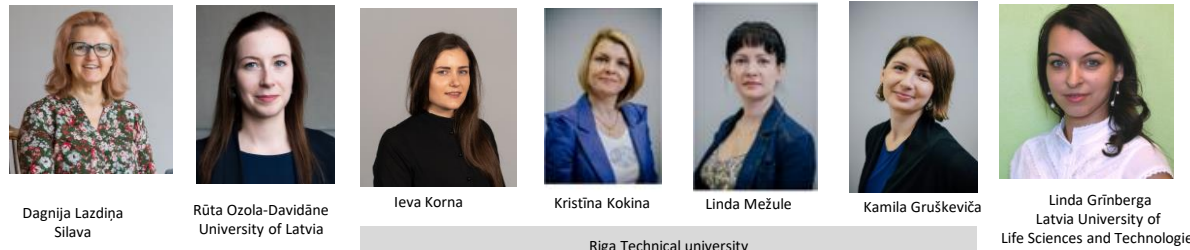
CoVE Water Baltics



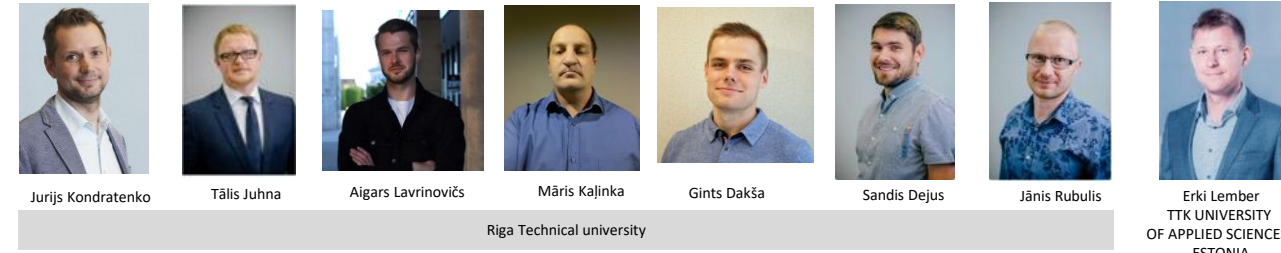
Small steps/cooperation examples in CoVE Water Baltics

- Erasmus+ Small Scale Partnerships 2022
- Teacher's exchange – Summer 2023
- Joint event – Spring 2024





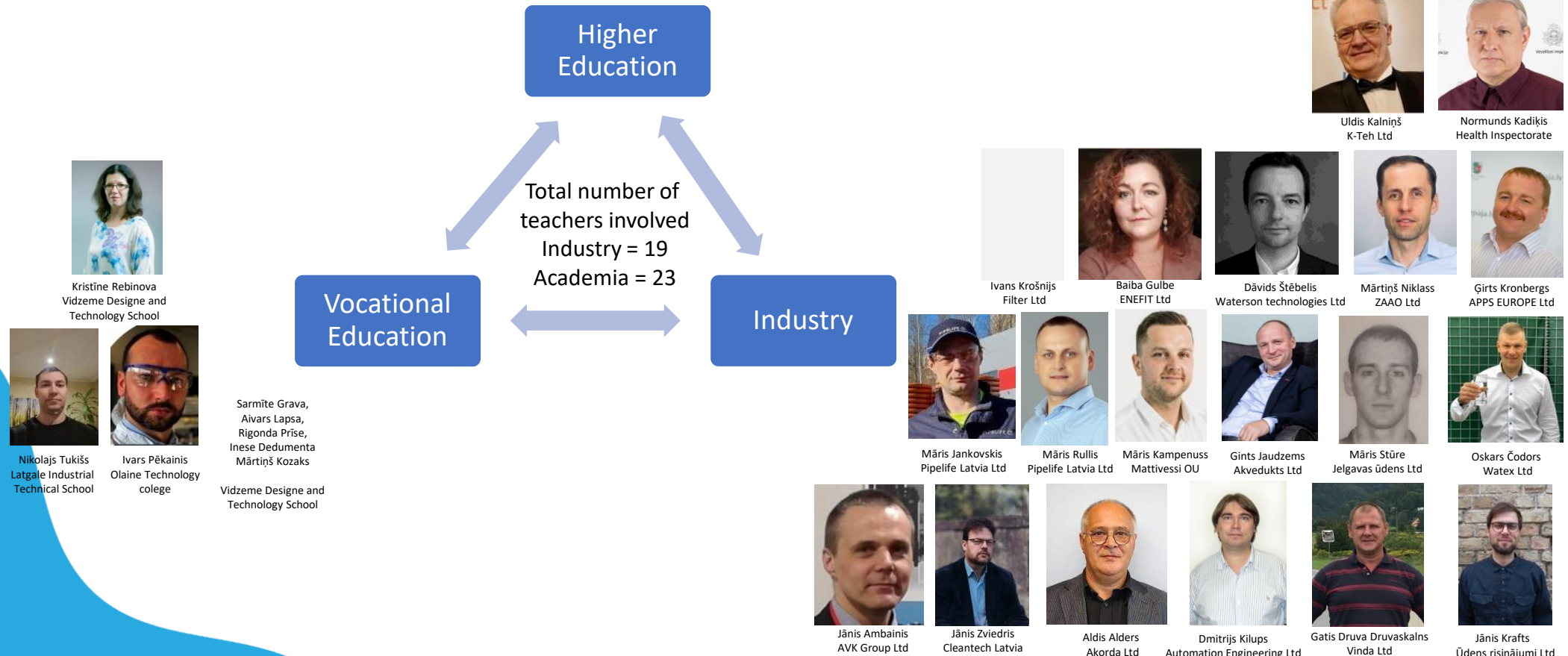
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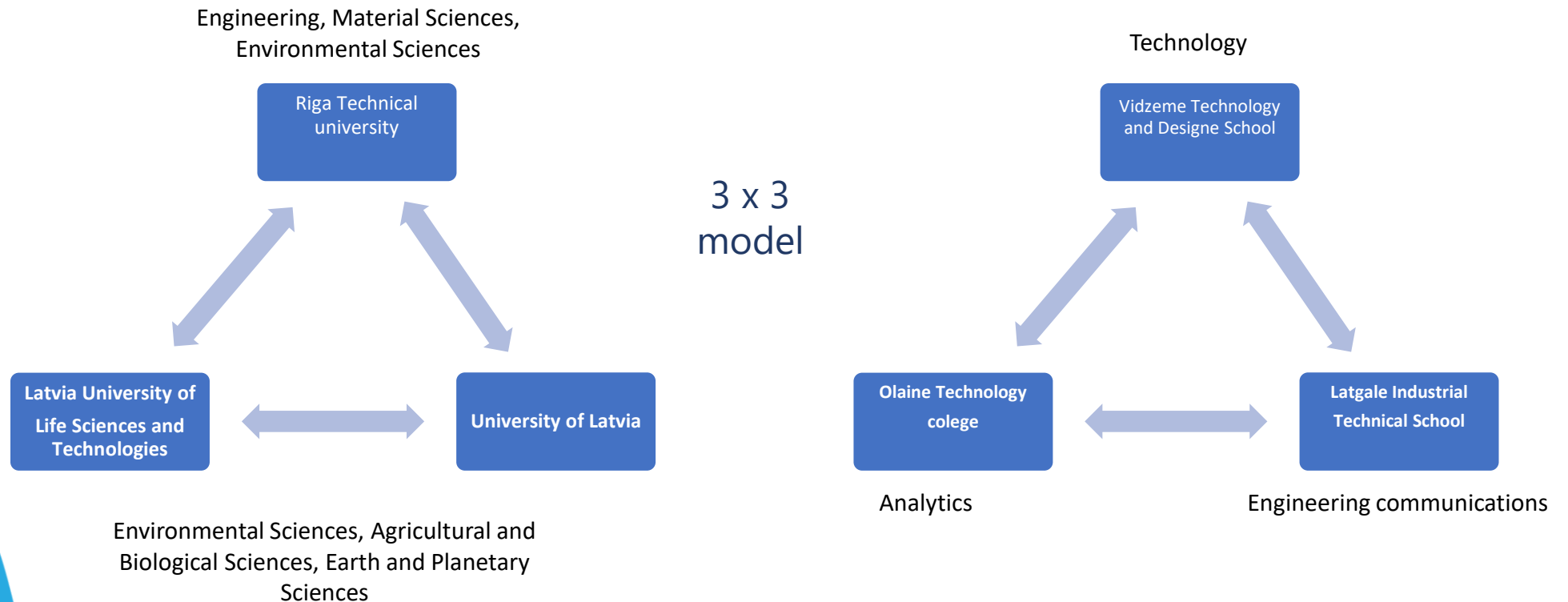
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Adult operator lifelong learning (VET) group in Priekule Latvia Autumn 2022.



Optimal cooperation model between educational institutions in Latvia



Success and problems in Baltic CoVE

- Digital solutions (virtual and augmented reality)
- Enthusiastic ambassadors of water
- Campaigns for all age groups about water (storytelling in kindergartens and schools, Ū-vitamīns, kid characters Tuta and Ričijs Rū about water, Ūdmens Gints, Pipe man/Cauruļu cilvēks,
- RTU with industry involved around 40 Industry-Academia teachers in lifelong learning training of adults – water treatment plant operators
- Recognizable international consortium (cooperation last more than 1 project)
- Close cooperation with waterwork association and their education partners in Estonia and Poland
- Active Industry involvement in educational standard development
- LDDK initiated the renewal of professional education after a break of more than 10 years
- Mobility options for Industry employers and VET students to international Water Weeks
- Latvia is the champion of safe drinking water in the world, this fact is not appreciated by society
- Water industry is not popular among youngsters in Europe/United States
- there are stereotypes in society that are contrary to the demand of the labor market (we need more VET level, less HEI level students)
- English language barrier for Industry employers
- Involved Industry teachers lacking pedagogical skills
- Bureaucratic barriers to national co-financing for CoVE project (Erasmus call)
- Currently running project with 4 CoVE too many partners (23 Partners)
- Salary in water Industry depends on tariff system
- Contrary to EU in LV there are features of age discrimination in the labor market (45-54 year-olds less wage compared to 25-34 year-olds)



Future steps in development of water sector in CoVE Water Baltics

For both countries

- Attracting of youngsters to VET level, in Latvia since Autumn 2024, in Estonia since Autumn 2025;
- Policy maker and general public attention;
- International mobility;
- Further development of educational materials and teaching staff, example:

<https://resources.pilotpovewater.eu/pvle/>

Specifically for Latvia

- Funding for strengthening of 3x3 educational model in cooperation with industry;
- Ministry of Education and Science delegates the implementation of the study program only to those 3 VET schools mentioned in the 3 x 3 model;
- Merging the interests and activities of stakeholders



APGŪSTI PROFESIJU
Ūdenssaimniecības iekārtu un sistēmu tehniķis

- Iegūstamā kvalifikācija - Ūdenssaimniecības iekārtu un sistēmu tehniķis
- Iepriekšējā izglītība - pamatzglītība
- Programmas forma - kultiene
- Ilgums - 4 gadi
- Iegūstamais izglītības dokuments - diploms par profesionālo vidējo izglītību
- Vieta - Priekuli, Eglu gatve 9

Ieguvumi, strādājot Ūdenssaimniecības nozarē:

- Stabils darbs ilgtermiņā - ūdens būs nepieciešams vienmēr
- Darbs svaigā gaisā - ļoti dinamiska nozare
- Atalgojuma vienmēr laikā un sociālās garantijas
- Iespēja augt, pilnveidoties un attīstīties
- Prakse gandrīz jebkurā Latvijas ūdenssaimniecībā
- Ūdenssaimniecības iekārtu un sistēmu tehniķi ir pieprasīti visā pasaulē!

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There is water, there is a person! There is a person, there is a city!

Jānis Rubulis

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