

H₂ training truck

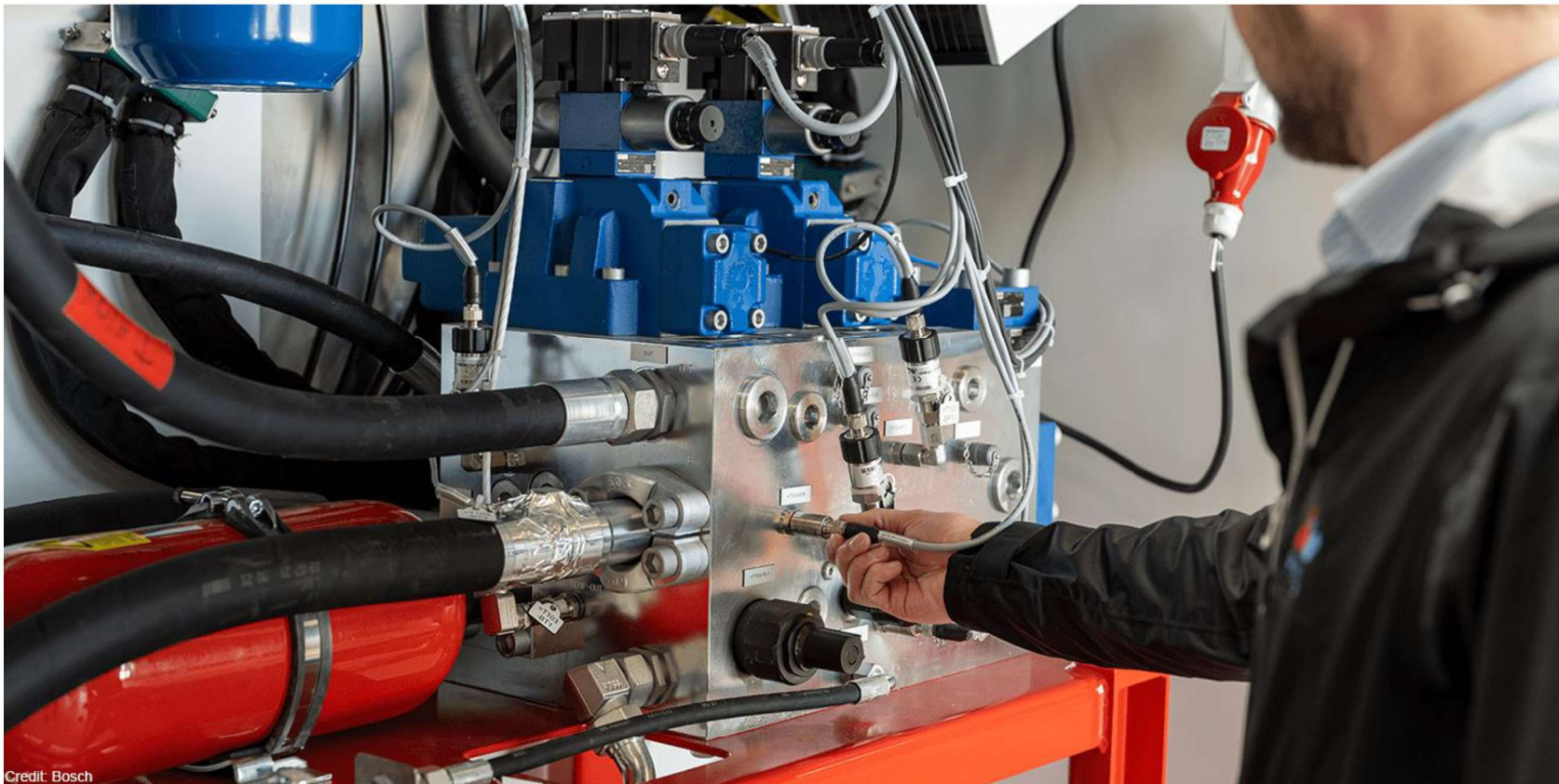
06/06/24

H2 Training Truck

WIC Fair



H2 training



Scope



- Training and training courses for :
 - Technicians, working with H2
 - Public bodies, granting permits
 - Experts, innovating and developing H2 technology

Different levels

- Technicians
- Bachelors
- Masters
- Certified workforce

Inventory

- In Flanders
 - Interviews with
 - Universities
 - High schools
 - Secondary schools (top level)
 - Training institutes
 - Fire department
- In Wallonia
 - In cooperation with Technifutur/Cluster Tweed
- Inventory Excel list made

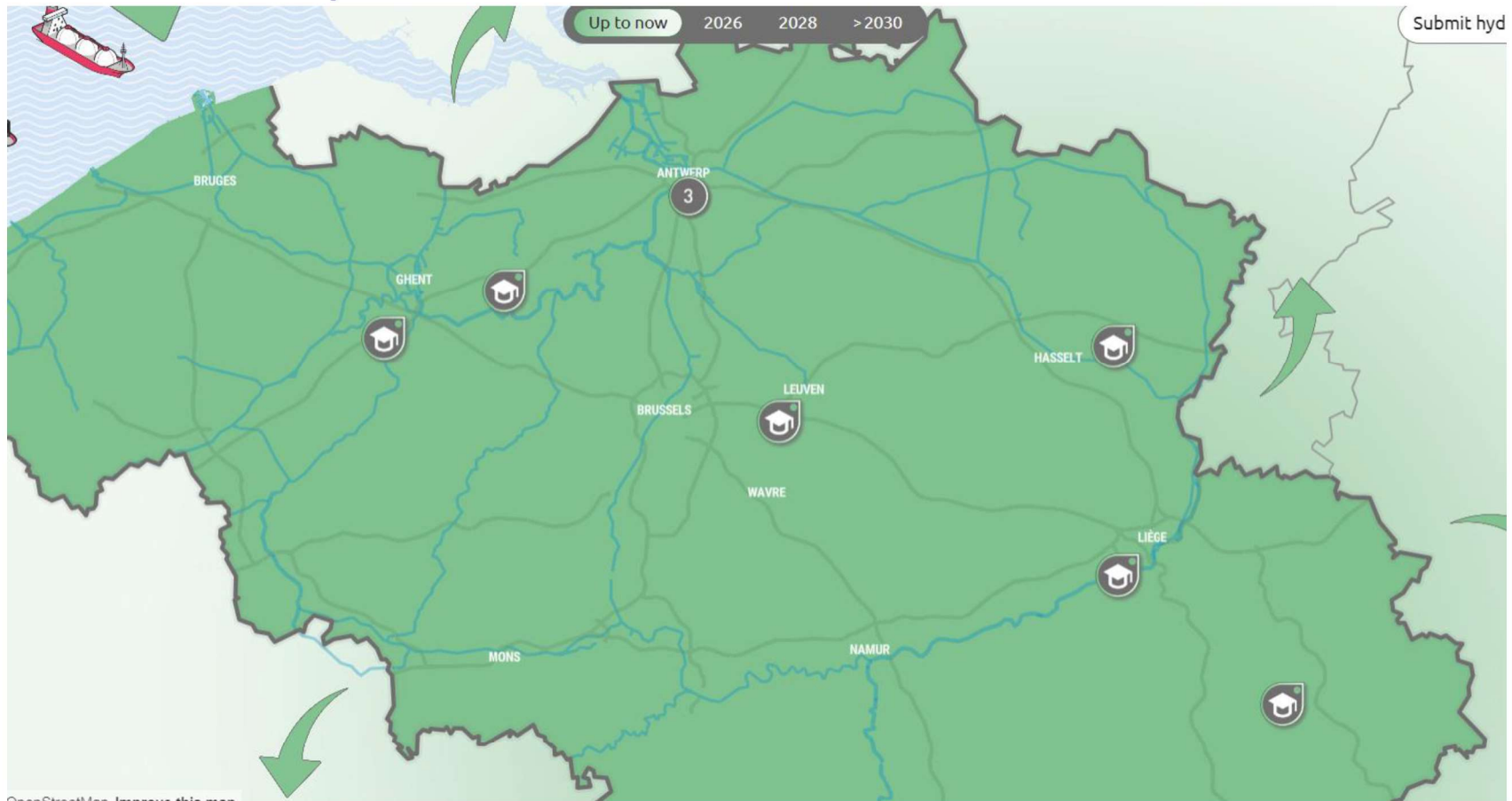
Learnings

- H2 training is given on all levels
- Mostly scattered in different courses
- Almost no dedicated courses for H2
- Few hands on training
- Lack of students
- Strong willingness to cooperate !!
- Positive attitude towards future H2 training

Learnings

- Dedicated course at postgraduate level
- Dedicated course at technician level
 - Only for automotive !
- Hardly anything at technician level besides automotive
 - Nothing in secondary schools
 - Very little in 'hogescholen'
- Willingness to start trainings is great IF students will come

Interactive map



Questionnaire needs of the industry & public bodies

- Questionnaire has been sent to
 - ✓ All cluster members (Waterstof Industrie Cluster)
- What level is most urgently needed?
 - Master, bachelor & technician
- Specific hydrogen education or general technical profile and training on the job?
- Is it easier to find the right profiles in other countries? Why?
- How many (H₂)-skilled people do you expect to engage the coming 5 years?
- Is there more need for newcomers or rather for re-education of existing workforce?

Summary training needs

- Results of questionnaire has been finalised in a workgroup
- Needs for all levels
- Both general and specific (technological) training needs
- **Safety** and permits : need explicitly to be addressed
 - Who wants to organise safety training ?

Actions secondary school/high schools

- Close cooperation with secondary schools Flanders
 - Inspiration days for STEM teachers
 - 06/03 in Antwerp (CMB Tech)
 - 13/03 in Kortrijk (Vives)
 - Development of training courses
 - Project to be started
 - In 2024
- H2 training truck

EDUCATION & TRAINING TECHNICAL WORKFORCE ON H2

H2 training truck

- Driving lab
- Available for all schools
- High visibility
 - In schools
 - On public roads
- Sponsored by WIC members
- Analogue to ExperiLAB



Next steps

- Search for sponsors
 - High visibility !!
 - On public roads
 - In all secondary schools
 - Contact : tom.verlinden@waterstofnet.eu
- Development of H2 truck
- Development of lab material
- Development of operational organisation

