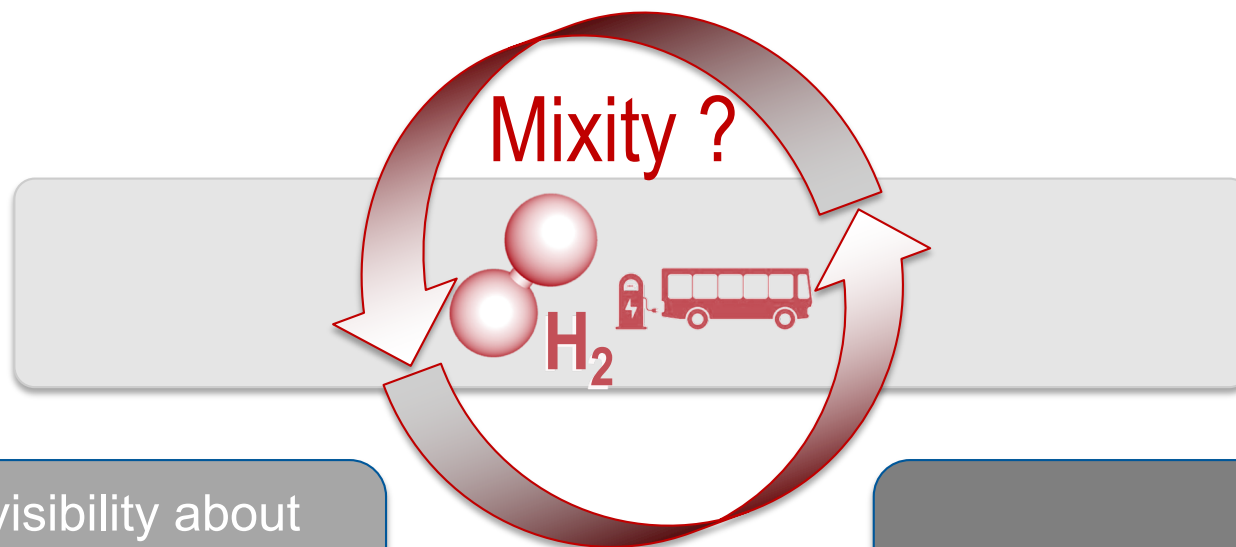


What's happening at the STIB about hydrogen?

- STIB is the single public transport operator of the Brussels-Capital Region (about 850 buses)
- Since mid 2019, a STIB R&D program on H₂ is ongoing ...
- Purpose:
 - > Analyse if hydrogen technology could be a solution for the huge lack of flexibility of (conventional) battery electric buses & heavy vehicles
 - > If so, how and to what extent should this technology be deployed ?
 - > Should we use the HRS of Zaventem (JU FCH SWARM project) ?

Probable future: mix between the 2 technologies



Today, the visibility about Green H_2 logistic development remains limited but should be improved during this starting decade

How far and how concretely are we going to organise that bus mixity?

STIB starts concretely with a limited experience

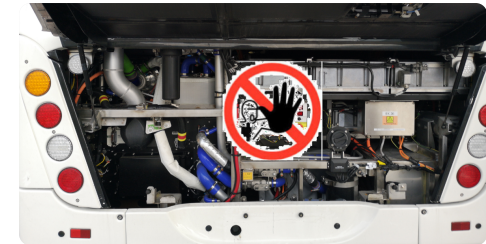
- A "laboratory" to learn how to tame this technology: the First Stage
- To operate a H₂ bus for 2 years and to supply it with compressed H₂



1 bus that will be 100% ready for our customers



1 mobile fueling station (example)



Preparing the field

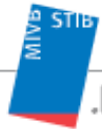
- Trainings of people
- Call for volunteers
- Very limited maintenance
- Security/Safety
- Application of standards
- ...
- **Social Acceptance**

We start with limited experience

Training needs to be provided by STIB Academy: +/- 70 people ... with Teachy/ULB support ?



Before the
arrival of the
buses



.brussels

