



Idelis, Pau, France

Start of operation	Number of buses	Type of bus	Type of fuel cell
2019	8	“Fébus” VanHool	FCveloCity®-HD (100kW)
2023	4	Van Hool A12 fuel cell variant	FCmove®-HD (70kW)



2 Mio kilometers driven

150 t of hydrogen used

Challenges and Lessons Learned

- HRS is a complete industrial site that need to be operated and maintained as such; requiring constant supervision, qualified personnel working on regular maintenance, repair and upgrades
- Buses need dedicated personnel in order to manage the numerous little “glitches” that could bring the fleet to a halt.

Best practices

- Keep >99.5% commercial availability of hydrogen buses due to numerous back-up systems in the HRS and the bus fleet
- trained staff and back ups to overcome most maintenance and break down issues