

DT DIRECTION TECHNIQUE

Branche Services-Courrier-Colis

Pôle Logistique

NOTRE ENGAGEMENT : VOUS SIMPLIFIER LA TECHNIQUE



FUEL CELLS AND HYDROGEN 7TH STAKEHOLDER FORUM

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BRUSSELS
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EV RANGES FOR MAILS & PARCELS DISTRIBUTION

Chariots Électriques	Vélos électriques	STABY	Quadeo	Voitures électriques	Fourgons et PL
					
Déploiement 1000	Généralisation 18000	Pré- déploiement 100	Déploiement 1200	Déploiement 4200	expérimentations locales

Our objective is to promote and extend our electric fleet :
to **reduce** our **footprint**, to **improve working** conditions
and to **control** our transportation **costs**.

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WHY FUEL CELLS AND HYDROGEN ?

- Fuel Cells and Hydrogen are **matured technologies** able to provide appropriate answers to future usages (new distribution models).
- H2 is expected as one of the most efficient solution to « **store energy** »,
- Good solution to produce « **green** » electricity by using resources not valued as of today.

...To be confirmed !

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MOBYPOST : R&D PROJECT



Générateur Photovoltaïque
(40 kW)

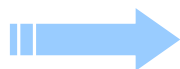
« From the sun to the wheel »

8 partners / 2 locations / 10 EV
/ 1 year

Production H_2 par
électrolyse



Eau



Réservoir stockage H_2



1,5 kg H_2

30 bars



H_2

300g H_2 / véhicule
2 bars



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MOBILHYTEST : DEMONSTRATOR

- 5 partners,
- 2 locations,
- 3EV + range extenders,
- 2 stations
- 1 year



Station Haskell



Station Solvay

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NEXT STEPS

- We issued a 2 years strategy test : 4 demonstrators (Mobypost, MobilHytest, HyWay, etc.).
- We are preparing our logistic strategy :
 - To include postal model evolutions, to define comprehensive TCO, to be a major actor of the « energetic transition » and to prepare social acceptance.
- Our first conclusion : We can't operate it alone and we need a strong support from you...

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FROM EXPERIENCE TO INDUSTRY



- In the next 12 months, we would like to :
 - Test a new « H2 heavy » truck,
 - Launch HyWay experience (5 EV : Lyon ⇔ Grenoble),
 - Share what we learn from current experiences,
 - Prepare H2 connections of all our experiences in order to create the first pan-European H2 distribution network able to support a clean and secured logistic network... in 2018.

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Cultiver l'Esprit de Service

Viser l'excellence opérationnelle

Savoir s'engager

Co-construire

Regarder au-delà et autrement

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Thanks for your attention

Q&A

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LA POSTE