

Power to gas

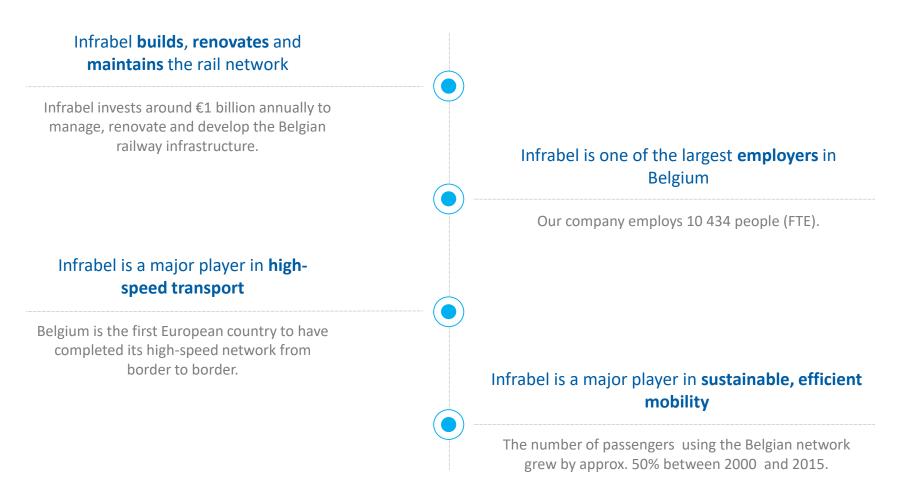
Partner presentation

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5 flagship products





Energy take-off 1 629 MWh/y

- Trains
- Fixed
- Infrabel Only
- 1 275 MWh/y
 - 284 MWh/y
- 138 MWh/y





Hydrogen?



Reduce Own Diesel Consumption



Better use of grid connections



Avoid expensive electrifications



- Start with some vans
- Try with a shunting locomotive?
- Own filling station?



Hydrogen?



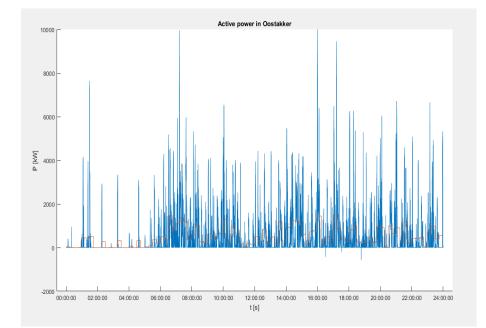
Reduce Own Diesel Consumption



Better use of grid connections



Avoid expensive electrifications



- Decrease ratio (peak power)/(mean power)
- Own production of H2
- At low marginal cost?



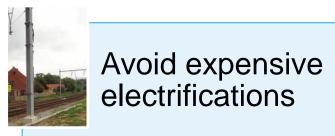
Hydrogen?



Reduce Own Diesel Consumption



Better use of grid connections





• Only 8% not electrified

1 58

- Trade-off in function of traffic
- Overhead lines more efficient
- Supply own H2 to trains?



Example of what could be...





QUESTIONS