



CHi, my Energy
our Future

About Elugie:



Bjorn Van Haver

(Founder/CEO)

since 1999 active in

Renewable decentralised electricity production.

Elugie since 2012

- 100% private company
- 1 mio Euro kapital
- Actief in BE, starting in UK-DK
- 11 employees

Elugie Group

- Elugie: Sales, finance
- Elugie construction: EPC contracting
- Elugie Service: full service en exploitation



Our mission

- Transition towards 100% renewable E.
- Energy freedom, free to produce- balance-monitore 24/7
- Lower kost for energy

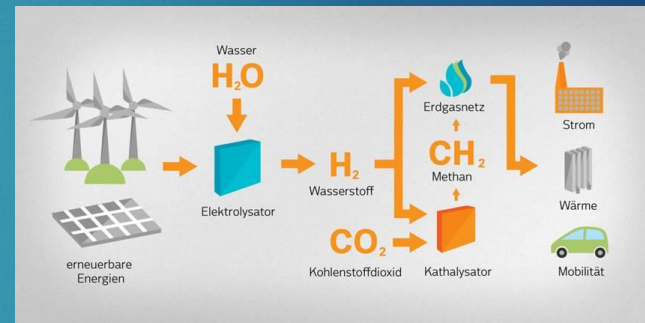
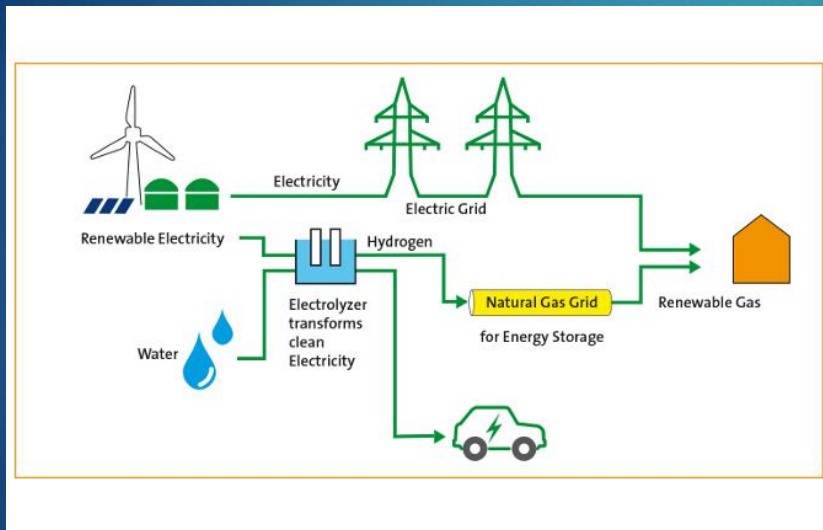


With a passion to change and create a better world our target is to return to energy independence and go for 100% renewable energy.



Our vision

- Power to gas, waste to gas, the way to 100% available E.
- CHI, Carbon as our friend towards hydrogen Economy.



Our activity's

elugie
POWERED BY

- EPC contracting fuelcell micro CHP power plants.
- Greengas-green hydrogen contracting.
- Monitoring, balancing, forecasting with platform intelligence My CHI



Introduction my CHi

Most efficient SOFC in the world

elugie
POWERED BY

CHi SOFC fuelcell (BlueGEN):

- In development since 1990 in Australia
- +1000 installations in Europe,
+120 installations in BE
- Power : 0 to 2kW
- Efficiency: 60% @ 1,5kW
- Totale efficiency: 90% @ 1,5kWel
- dimensions: 600 x 660 x 1010 mm
- Production: 13.000kWh a year



**SOLID
POWER**

References SME

- Spirit Group-Grasheide(Putte), opstart 12.2012
- 1 Brandstofcel, 13MWh productie/j



- BioShop Schilde, opstart 04.2013
- 2 Brandstofcellen, 26MWh productie/j

- Mangerie Weselo-Mol, opstart 09.2016
- 3 Brandstofcellen, 39MWh productie/j



- Ten Huize Foets, opstart 06.2017
-5 Brandstofcellen, 65MWh productie/j
- Brouwerij Verbeeck-Back-De Cock-Tielrode, opstart 04.2017
- 3 Brandstofcellen, 39MWh productie/j

References Local authority's

- Broodboetiek Verlooy-Oevel, opstart 07.2017
- 4 Brandstofcellen, 52MWh productie/j



- Gemeente Neerpelt, opstart 06.2017
- 2 Brandstofcellen, 26MWh productie/j

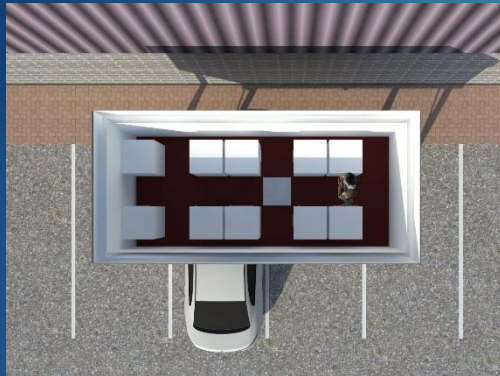
- Stad Antwerpen, opstart 07.2017
- 3 Brandstofcellen, 39MWh productie/j



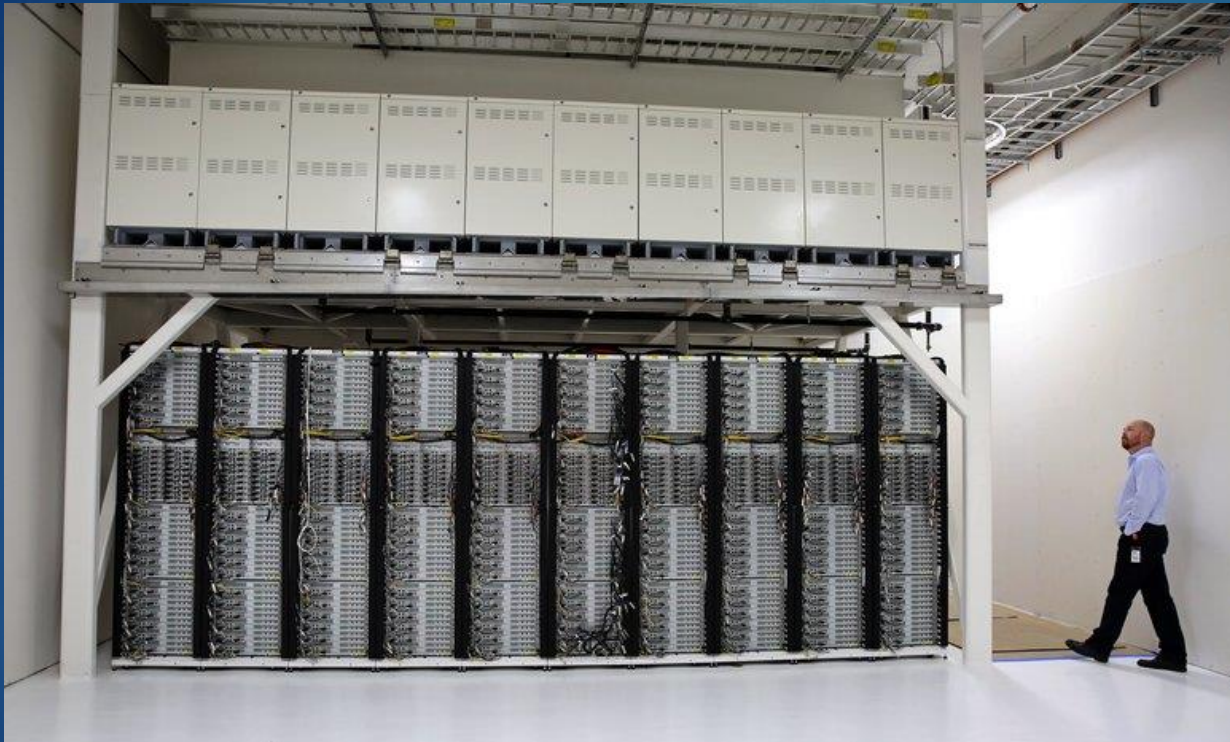
Residential level.



Retail



Data centers



Microsoft bets on Fuelcells to beat hungry datacenters
10 fuelcells, 130MWh production/y

Supported by EU

FCH JU: Fuelcells and Hydrogen Joint Undertaking

Project 1: Enfield EU Subsidy

Project 2: Pace EU subsidy



<https://www.youtube.com/watch?v=X4lg2QwUVPg>

Bedankt voor uw aandacht!

*The Secret of Change
is to focus all your Energy
not on fighting the old,
but on building the new!*