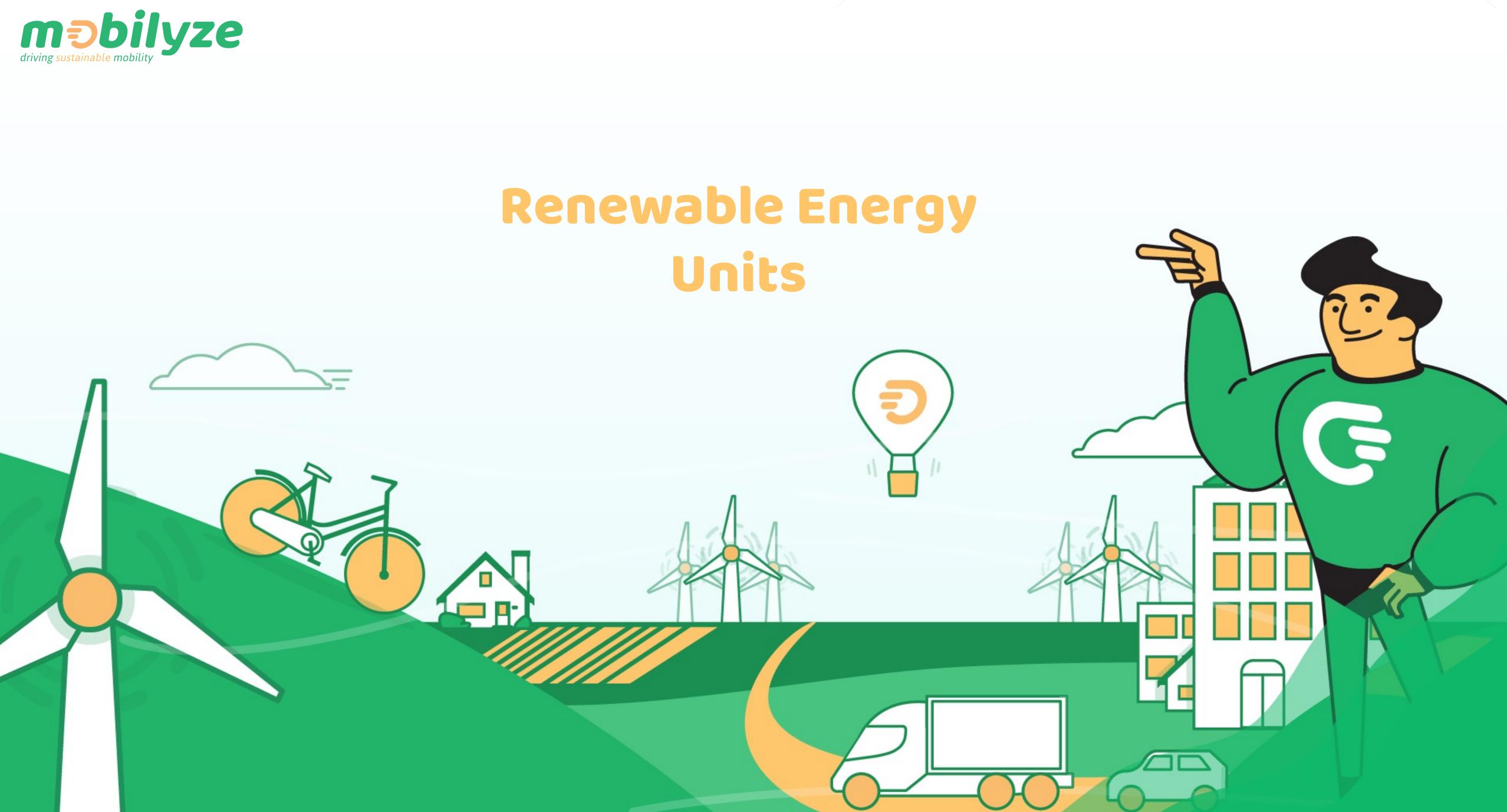


driving sustainable mobility







## What are renewable energy units

- **Renewable Energy Units** (HBEs) are comparable to CO2 certificates, but specifically for transport. The system has been in existence since 2015
- HBEs.
- Parties that produce green energy for transport create these units. Via Bio-LNG, CNG, blue diesel and electricity as well.

Parties that produce liquid fossil fuels for transport have an obligation from the government to purchase







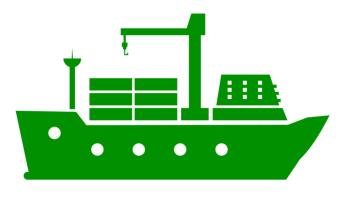
### Parties with an obligation

- Shell
- BP •
- Energy & oilstorage

Nederlandse Emissieautoriteit Dutch Emissions Authority

Supervisor

### Auditor

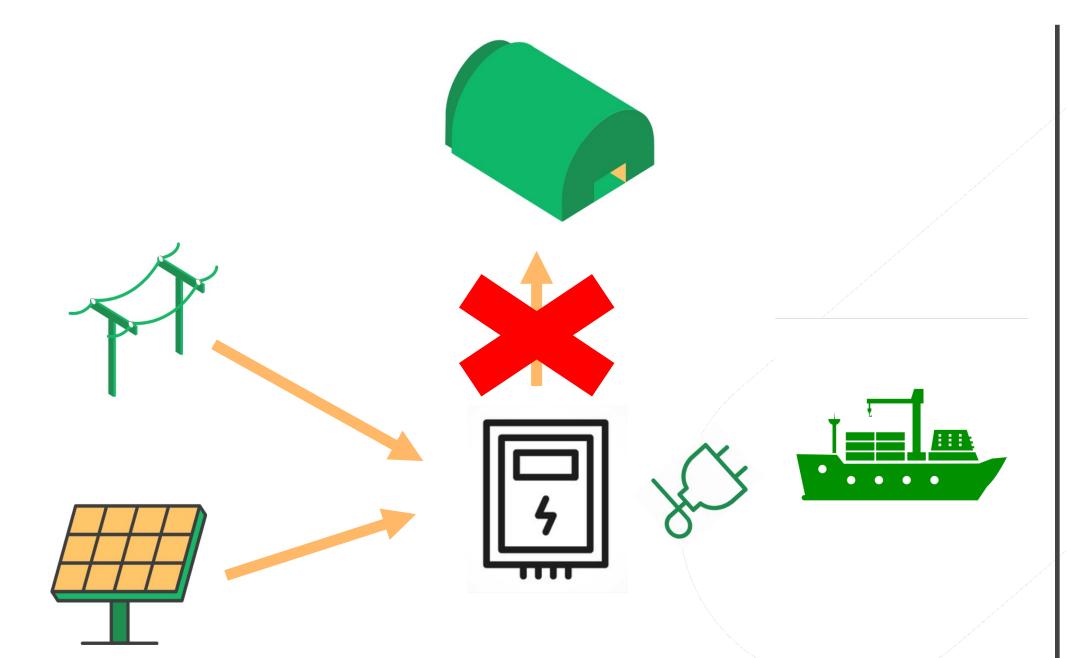


**Parties that** create HBE's

### **Producers of:**

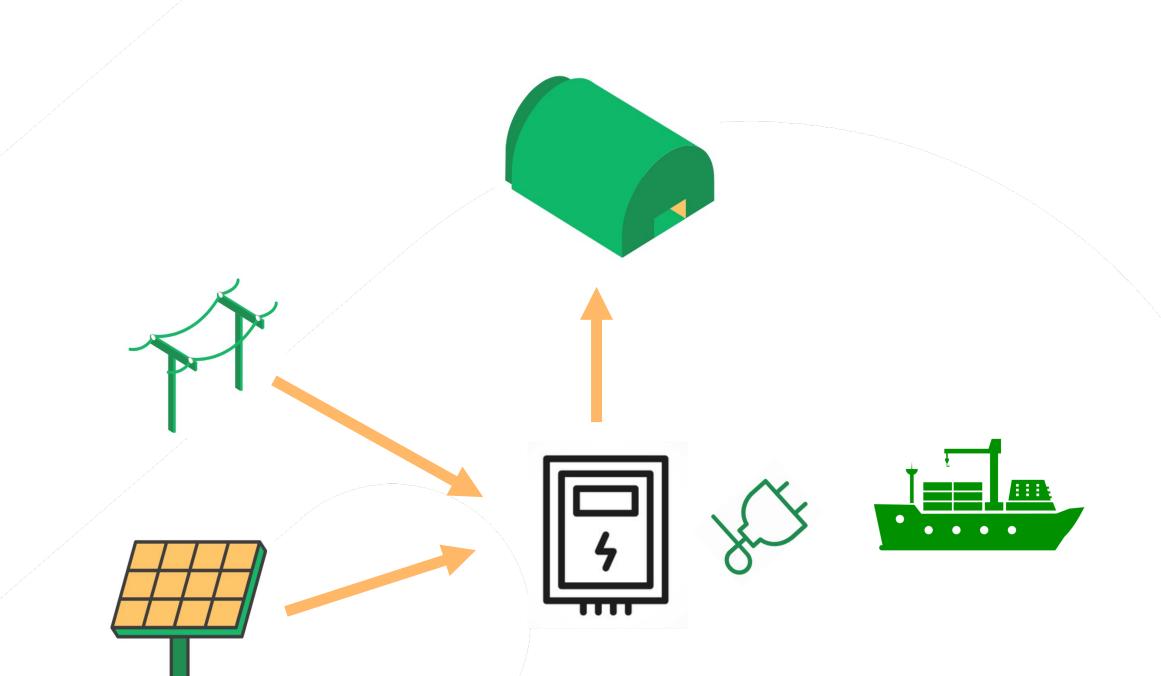
- blue diesel •
- Bio-LNG/CNG
- Frying fats •
- Electricity •/





### Until 31-12-2022

- FastNed
  - Tesla

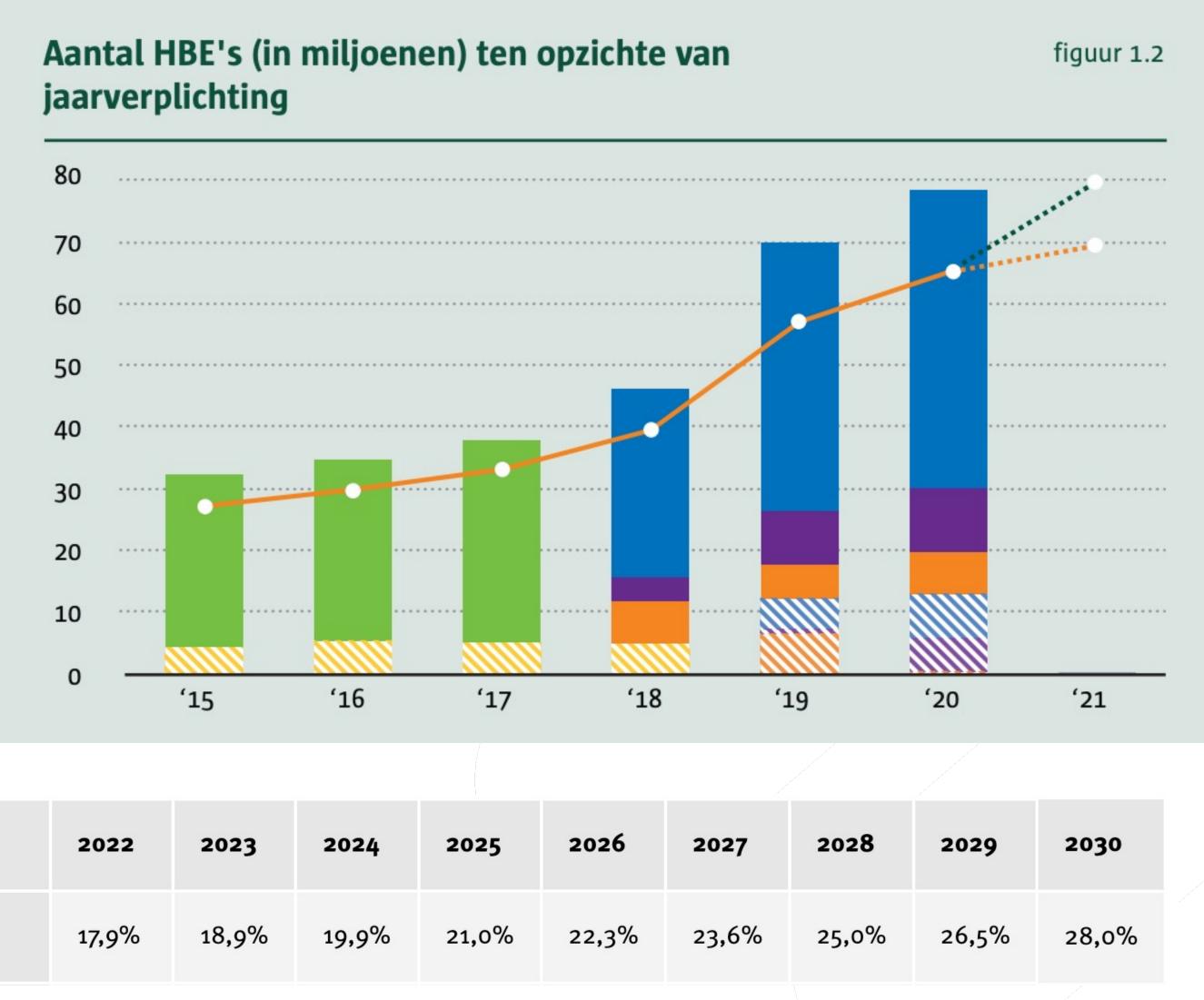


## January 1 2023

• Shore Power



## **Rising demand**

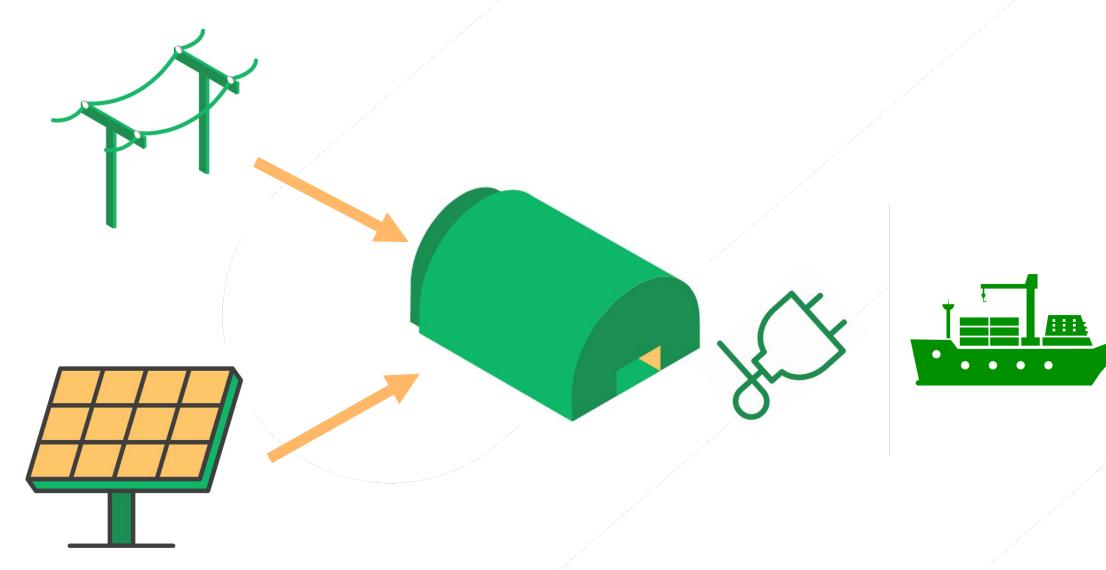


	2022	2023	2024	2025	2026
Totaal HBE	17,9%	18,9%	19,9%	21,0%	22,3%





## How do you create HBE's



- One HBE is 1 gigajoule (GJ) of renewable energy supplied to electric vehicles
- For every 230 kWh of grid energy you receive one HBE
- For every 70 kWh of renewable energy you receive one HBE



## Price of HBE's



- Average price € 12,35
  € 0,045 per kWh of grid energy
- $= 6010 \text{ per } k/k/k \text{ of repourble oper$
- € 0,18 per kWh of renewable energy

E 022						
: 023	HBE O24					
			<u>^</u>	~ /		
		$\sim$		and a		
lity						
23	10/05/2023	10/06/2023	10/07/2023	10/08/2023	10/09/2023	10/10/2023





# The proceeds of HBE



# Our services

driving sustainable mobility



## This is what we do!

- **Measure** Via your certified energy measuring-partner
- **Check** All the incoming data
- **Validate** Every year the data is validated by an audit. We take care of this completely
- **Sell** We bundle of credits of our clients and search for the best price



