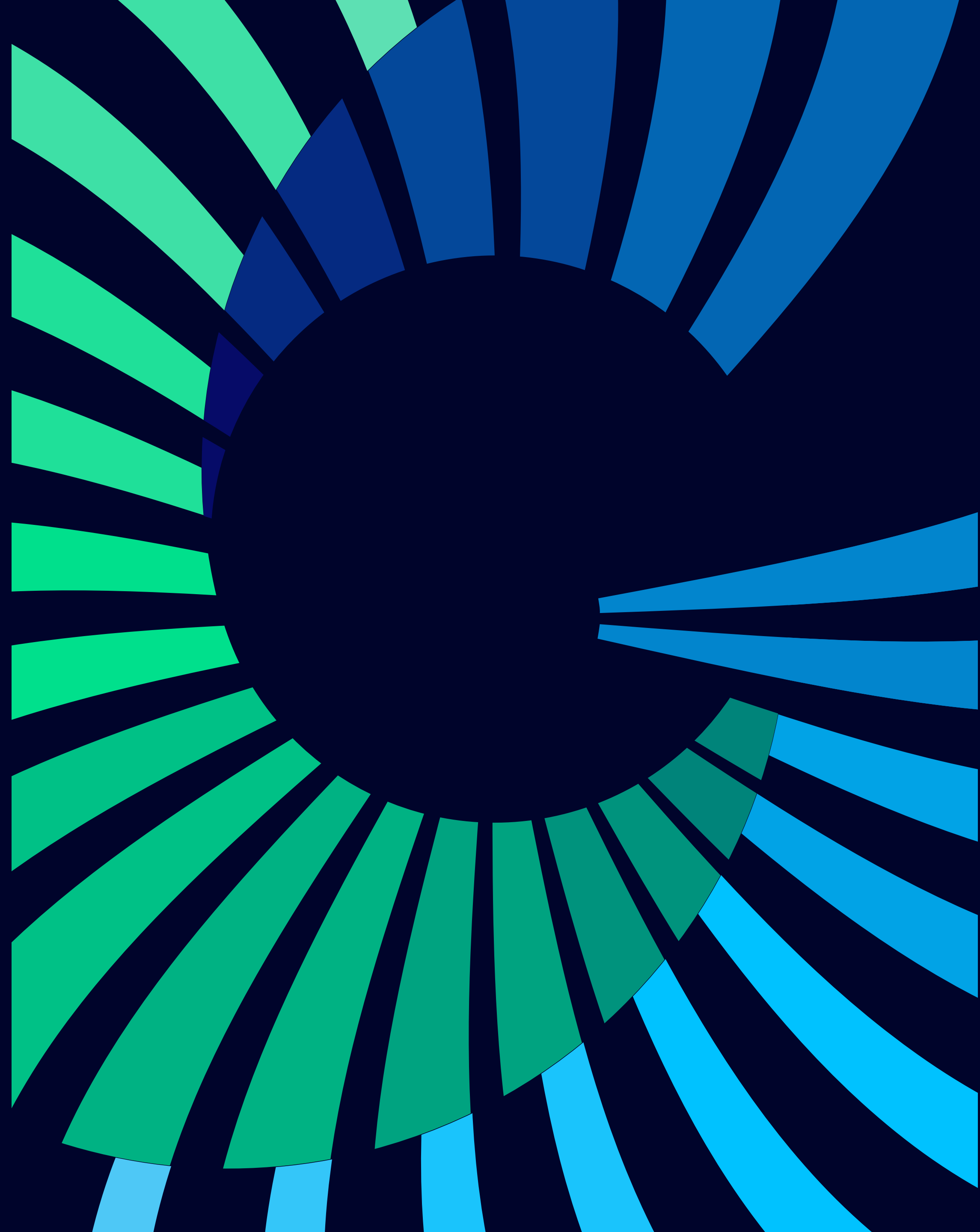




Green
Caravan

The fossil-free EV charging company

Kennissessie Collectieve Laadpleinen
21 mei 2025



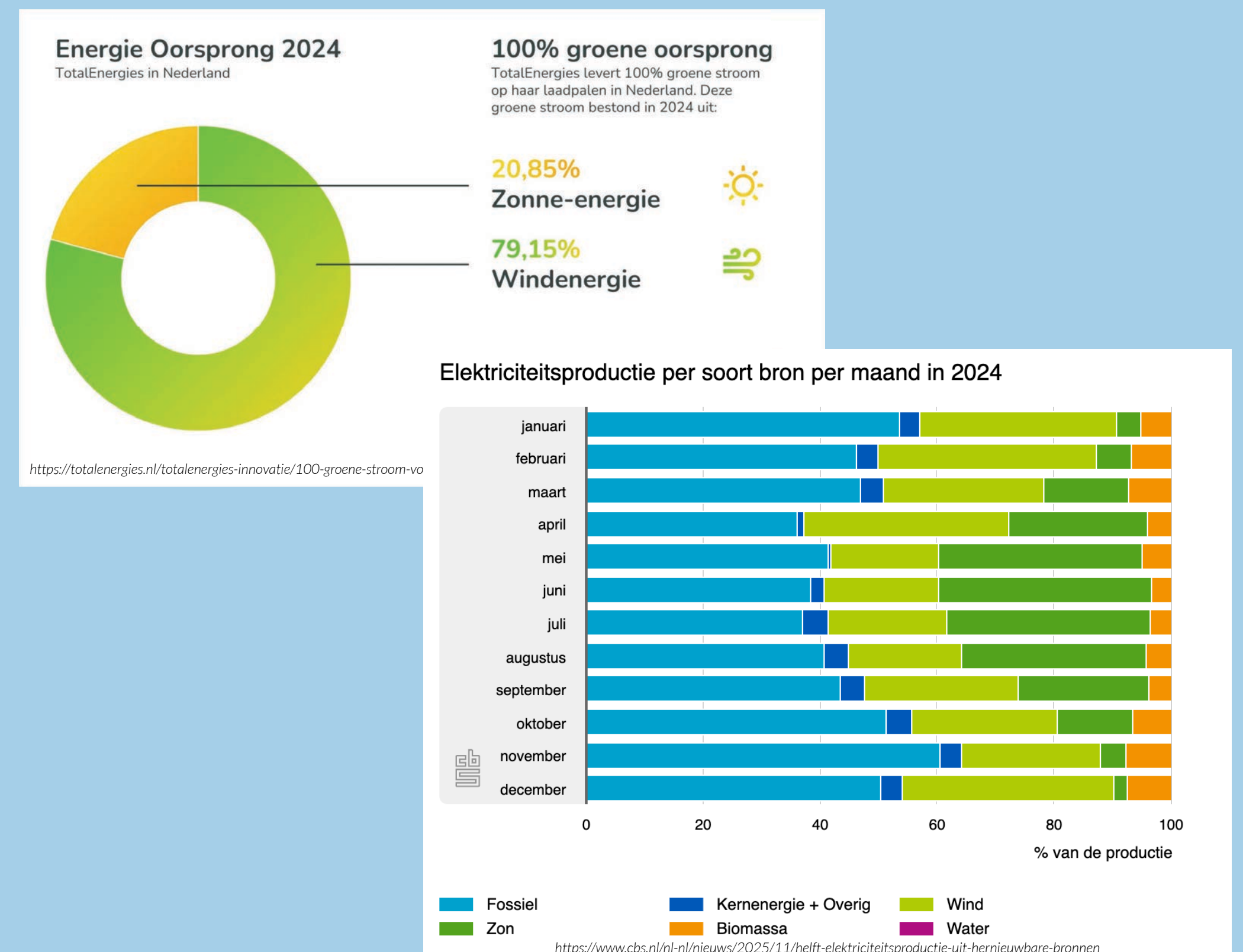
Transition to ZE

No tailpipe, no emissions (Scope 1)



Transition to Scope 2

Are you really charging green electricity?

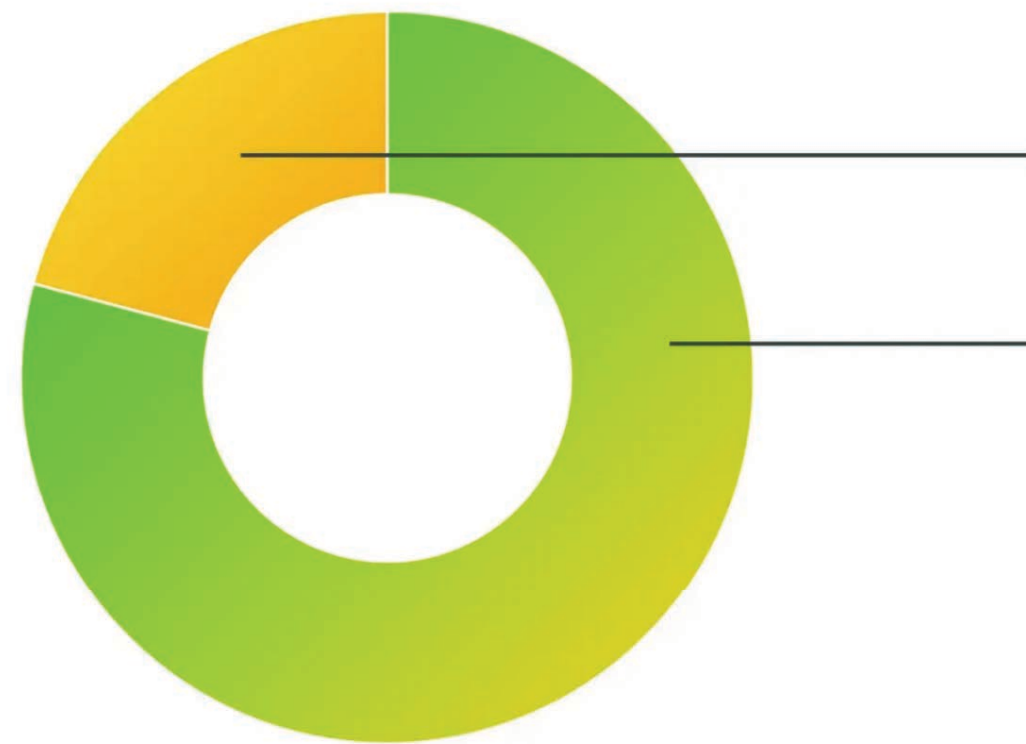


Which one is it ??

Scope 2 electricity reporting methods

Market-based

Energie Oorsprong 2024
TotalEnergies in Nederland



100% groene oorsprong
TotalEnergies levert 100% groene stroom op haar laadpalen in Nederland. Deze groene stroom bestond in 2024 uit:

20,85%
Zonne-energie



79,15%
Windenergie

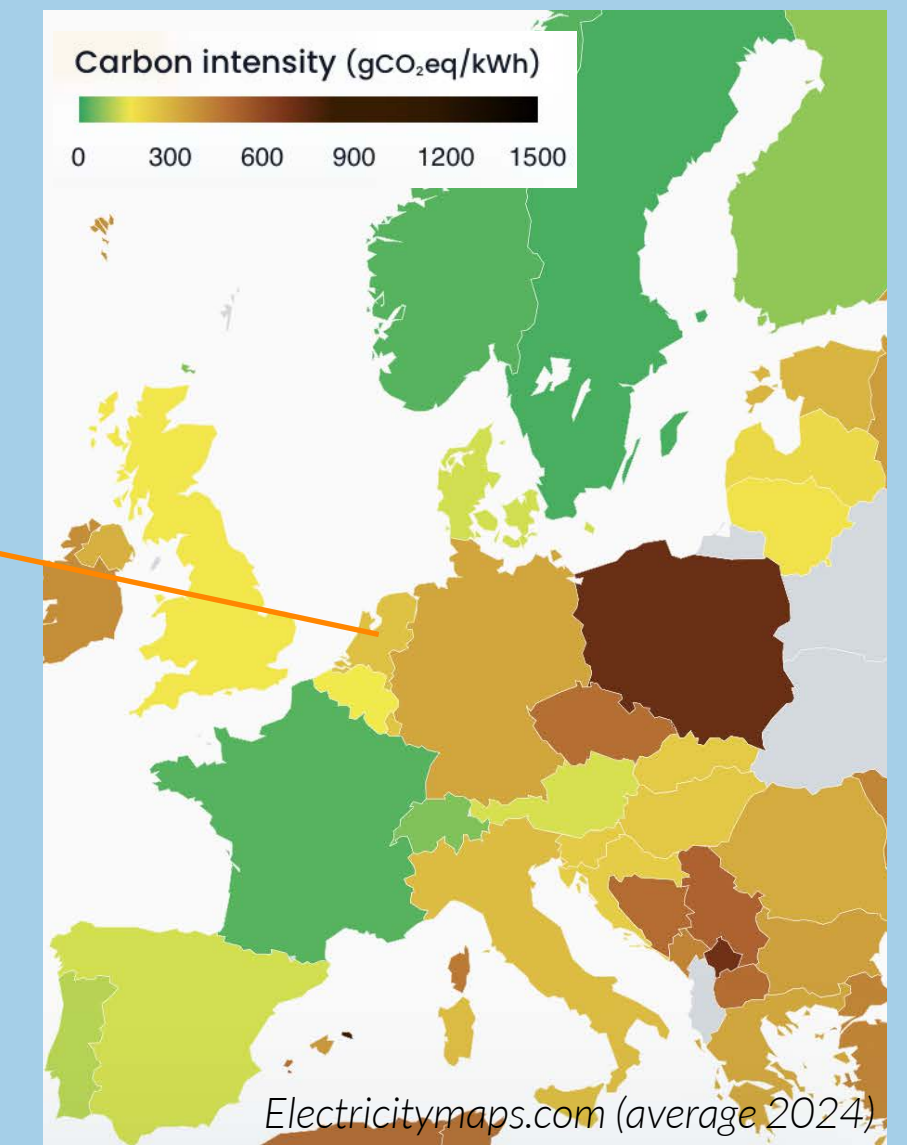
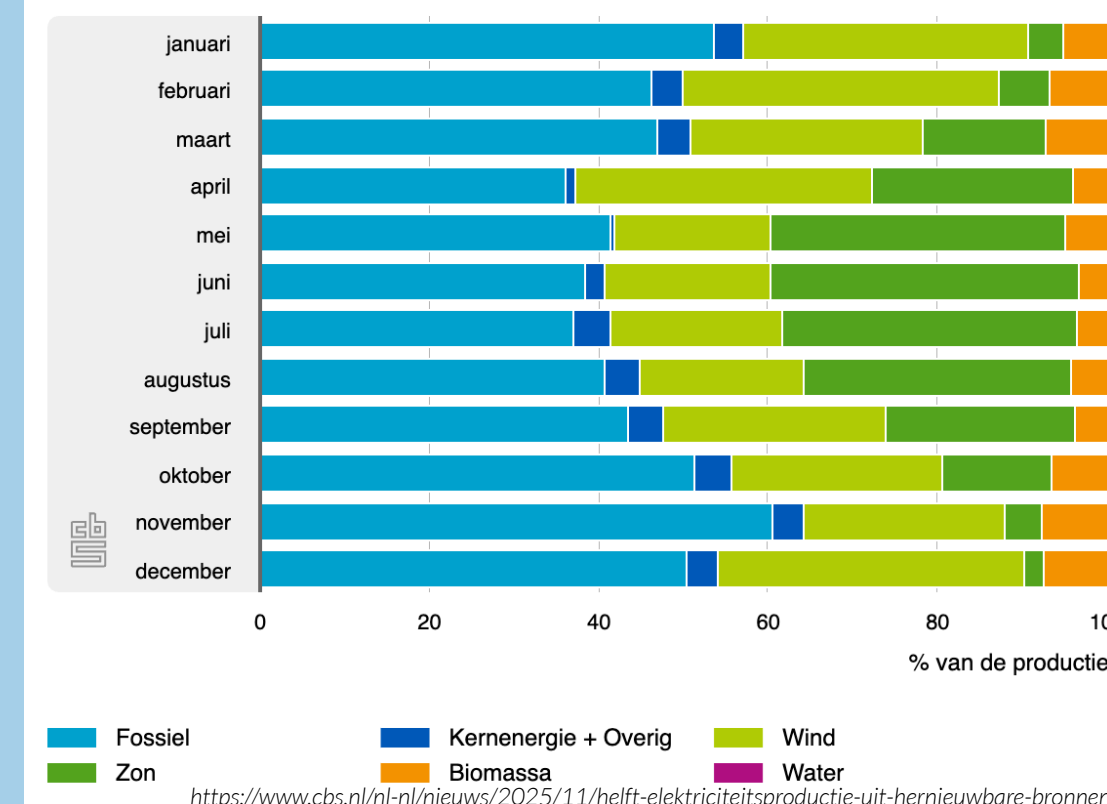


<https://totalenergies.nl/totalenergies-innovatie/100-groene-stroom-voor-het-opladen-van-je-ev>

- Electricity contracts you purchase
- Green power or renewable energy certificates (RECs or GOs)
- Reflects the choices your company makes in the electricity market

Location-based

Elektriciteitsproductie per soort bron per maand in 2024

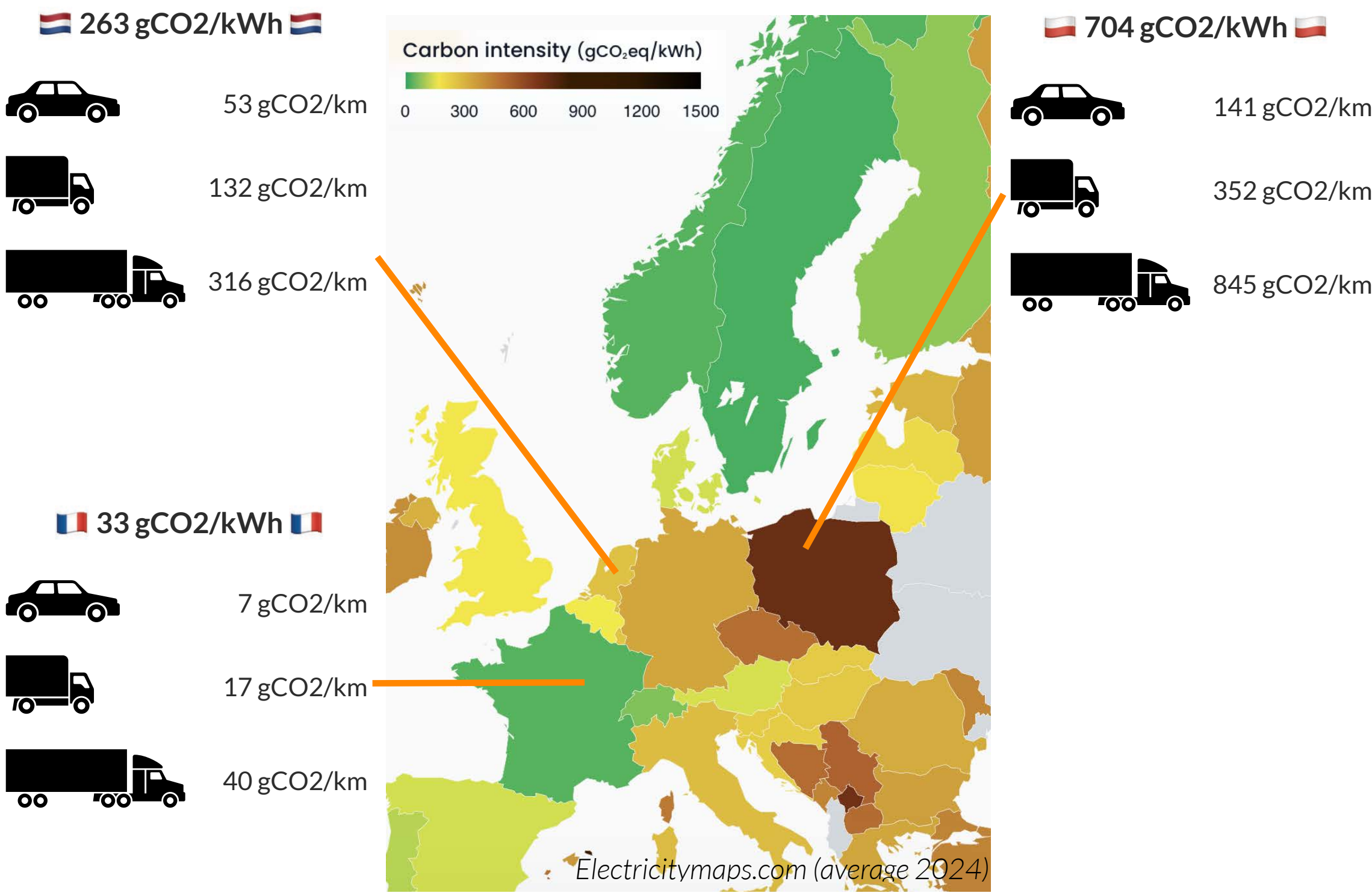


- Average electricity mix in the region where the electricity is consumed
- Reflects how the electricity is actually generated in that area, regardless of the supplier you choose

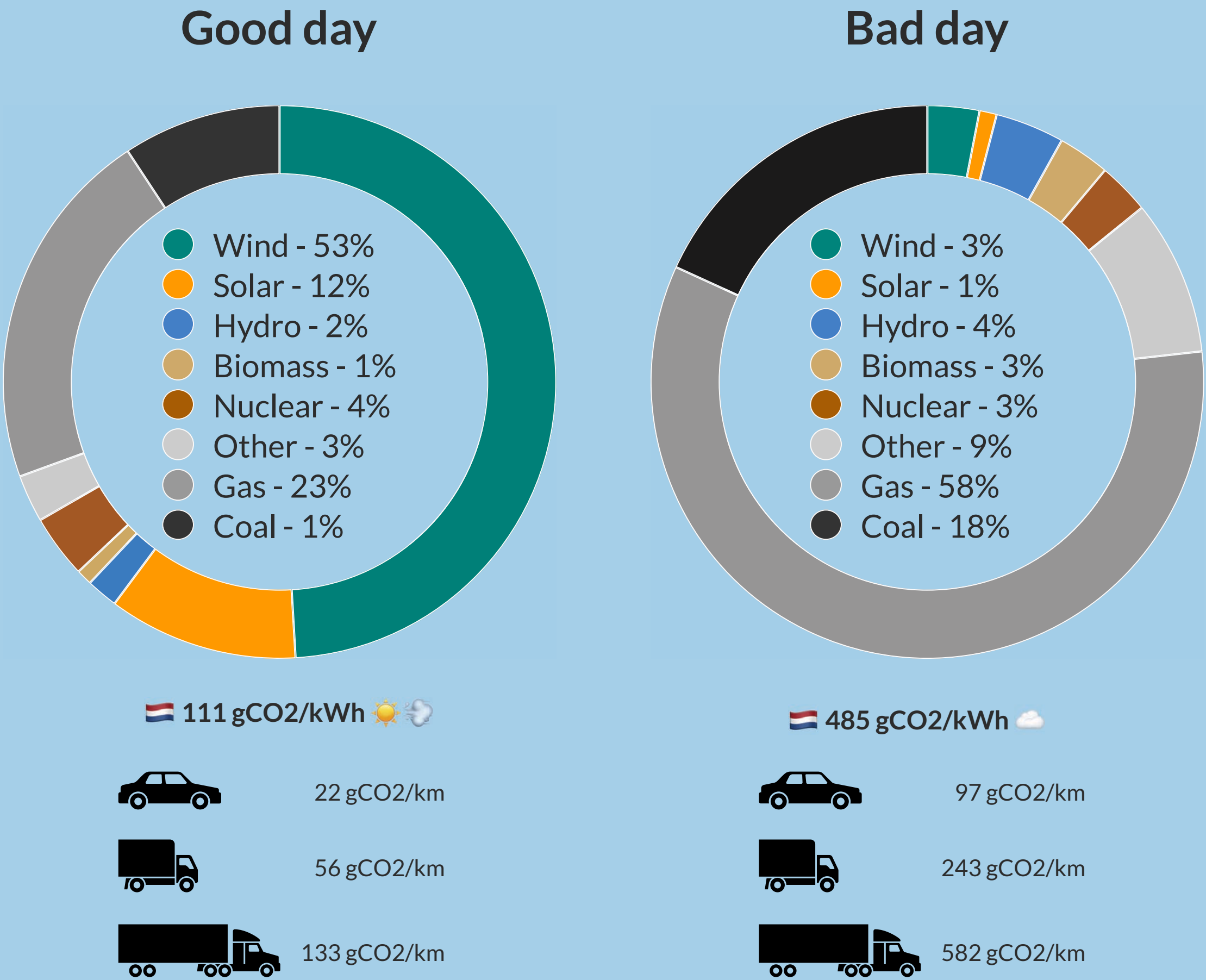
According to the **Green House Gas (GHG)** protocol, organizations must report both type of emissions. According to **ISO 14064/14083**, location-based reporting is mandatory, market-based is optional.

Location-based emission factors

Depend on where you charge ...



... but also on when you charge



About Green Caravan

The fossil-free EV charging company

- On a mission to charge every electric vehicle (EV) 100% fossil-free
- eMobility Service Provider:
 - > Charge card with CO₂-footprint calculation
 - > 5.000+ customers
 - > Working with **Athlon Car Lease** on Scope 2 reporting
- Charge Point Operator:
 - > 100% fossil-free EV charging (grid-independent)
 - > Site-partnership with A2 Truck Parking
 - > Technology demonstrated in 2024
 - > Working with **JUNA** (JV Scania / sennder) on eTruck parking+charging



Experienced, impact-driven team



Ferry Tap
CEO



Hugo Vink
CCO



David Bridgfoot
COO



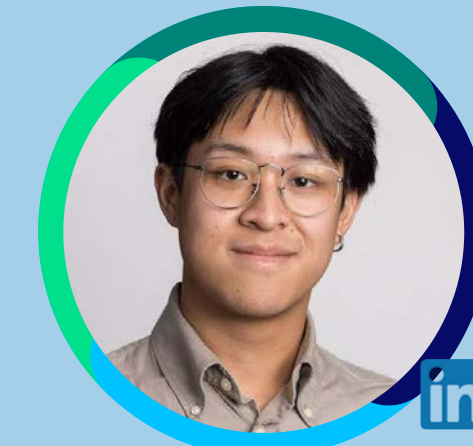
Henry Lootens
CTO



Tom Visser
Customer Success



Yannick Smits
App Development



Nam Nguyen
CO₂-data



Renan Hilbert, PhD
Data & AI



Jasper Moelker
Web development

Advisory



Kai Voigt

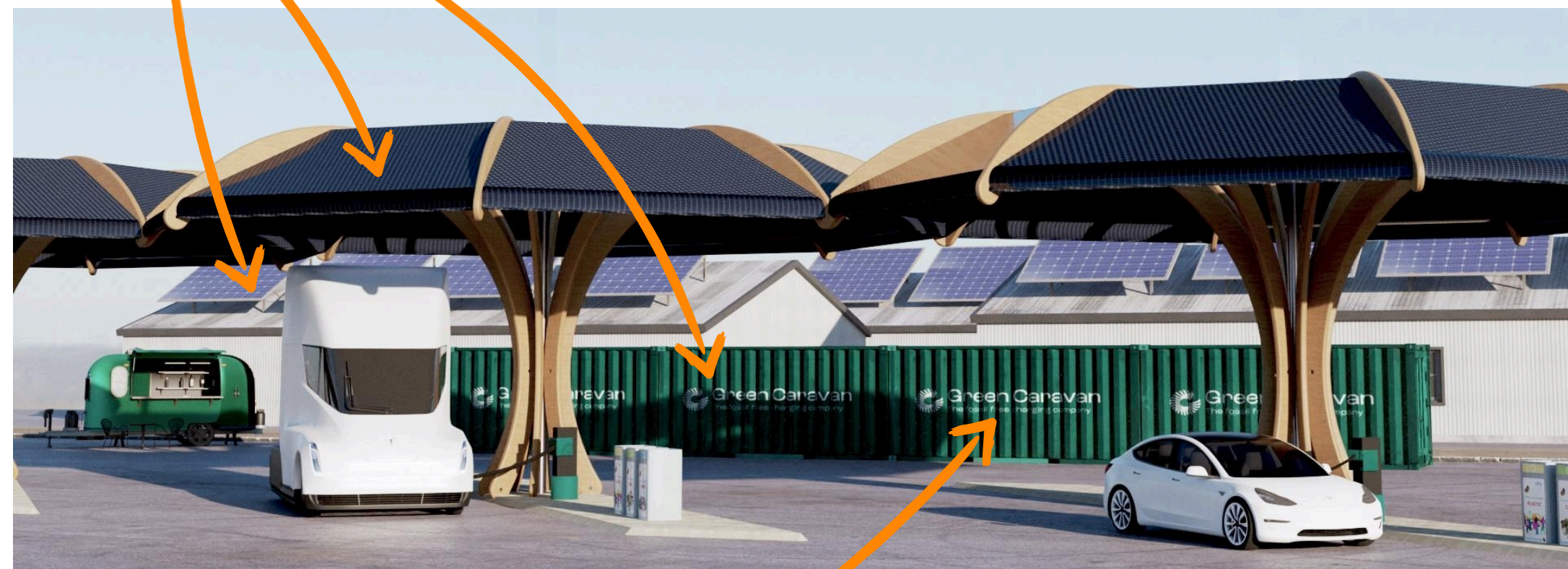


Alexander Heijkamp

Our solution

Fossil-free charging for fleets

Use ☀️ energy with battery storage for 🌙



Back-up with biogas from regional sewage facility 💩

- Fossil-free charging
- Grid-independent charging
- Local energy management is key

Proof-of-Concept

Technology demonstrated in 2024



- Fossil-free charging feasibility demonstrated
- Fast charging for cars, vans & trucks
- Built valuable experience on managing grid-independent charging hub with in-house EMS development

“Elke eTruck verdient een lading”

Charging powered by ☀️ and 💩

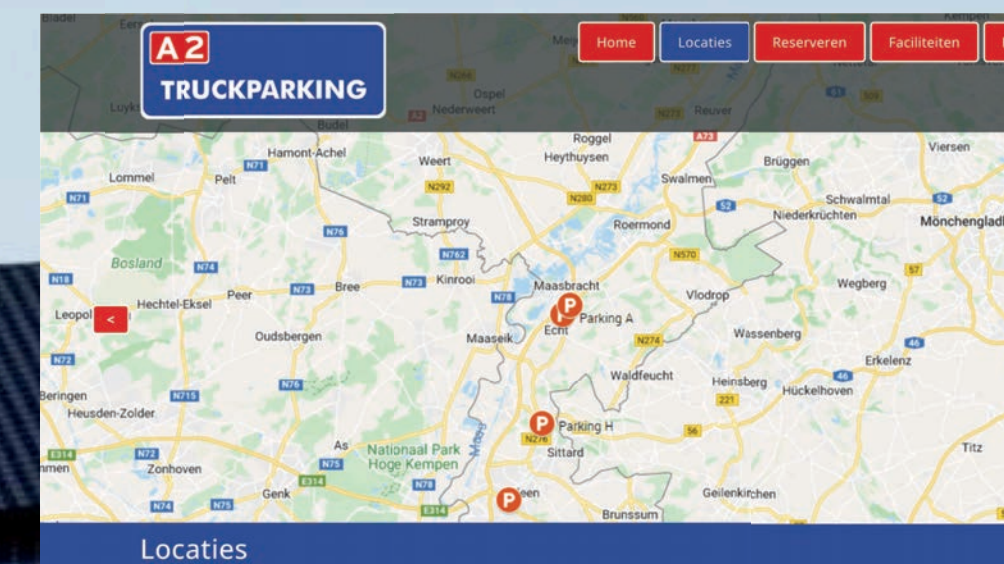
- Charging Hub
 - > Overnight charging
 - > Fast charging
 - > Grid-independent & fossil-free
- Modern truck parking
 - > Secure parking
 - > Automated access control
 - > Driver facilities



Medegefinancierd door
de Europese Unie

OPZUID

Europees programma voor transitiegedreven innovatie



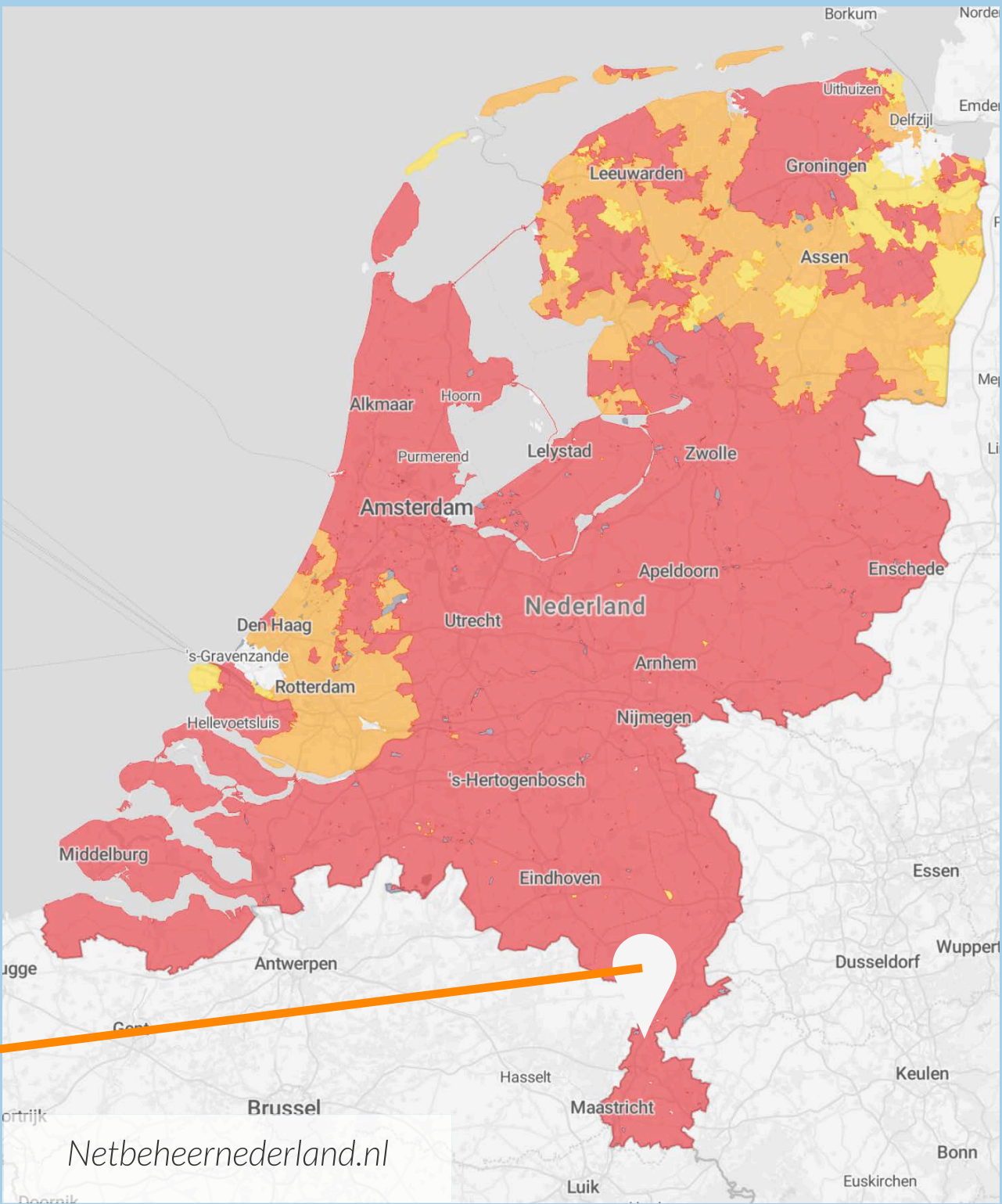
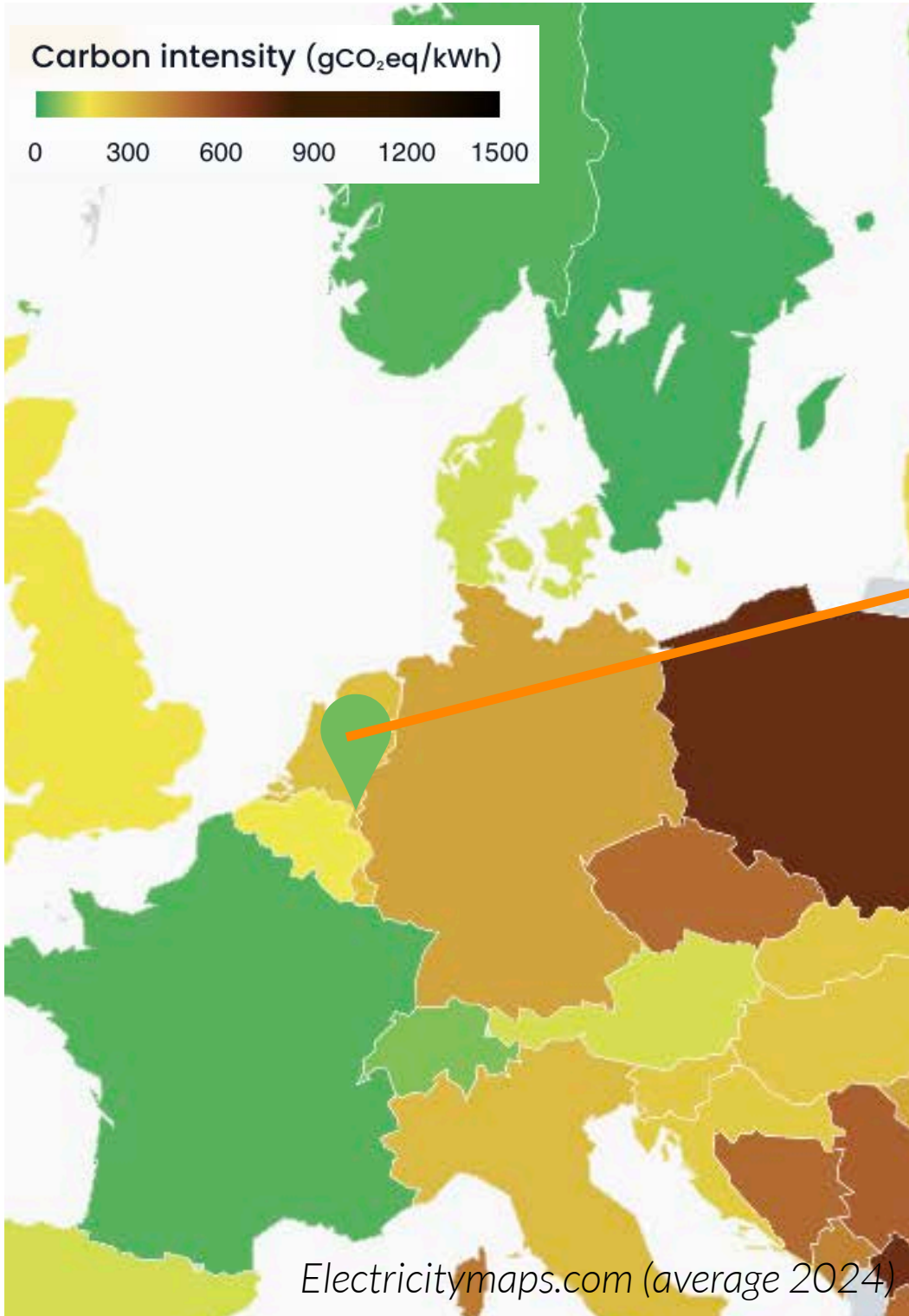
Parking+Charging network roll-out



Fleet electrification challenges

Insufficient green electricity

Insufficient grid capacity



Shortage of green power (yellow/brown areas)

Shortage in grid capacity (orange/red areas)

Thank you for your attention!

Feel free to contact us

- Fleet parking+charging facilities
- Fossil-free & grid-independent EV charging solutions
- Scope 2 reporting of EV charging sessions



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ferry.tap@greencrvn.com



100% 
Fossil-free

100% 
Charged