

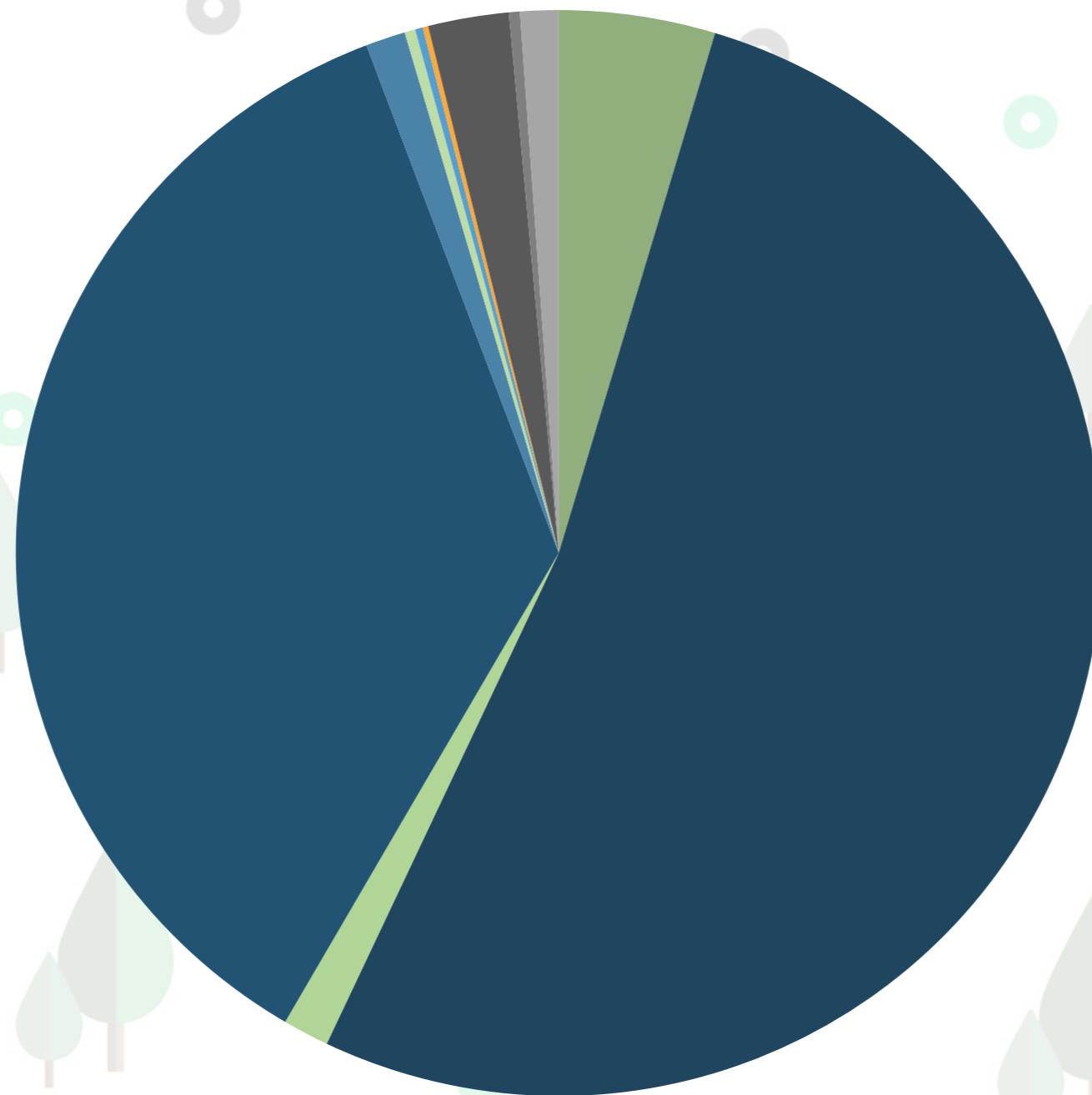
Energieverbruik in Nederlands transport

Gegevens 2019 en scenario's 2030

PDB Workshop Groengas in Mobiliteit: opschalingsopties

Eric van den Heuvel, 10 november 2020

Energieverbruik in Nederlands transport 2019

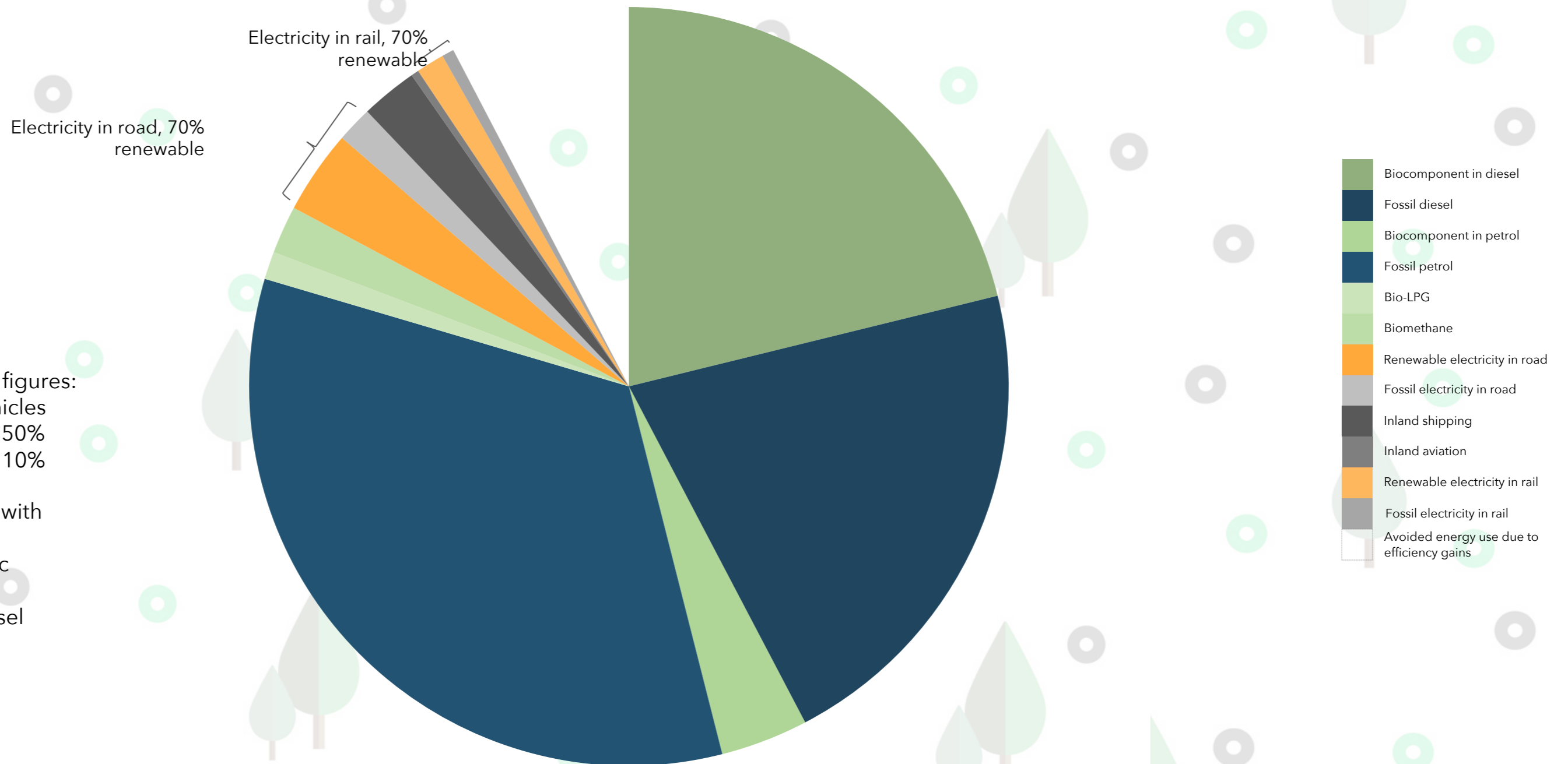


- Biocomponent in diesel
- Fossil diesel
- Biocomponent in petrol
- Fossil petrol
- LPG
- Biomethane
- Electricity in road
- Inland shipping
- Inland aviation
- Fossil electricity in rail

Scenario voor 2030 bij een pad naar 'Parijs'

Assumptions, compared to 2019 figures:

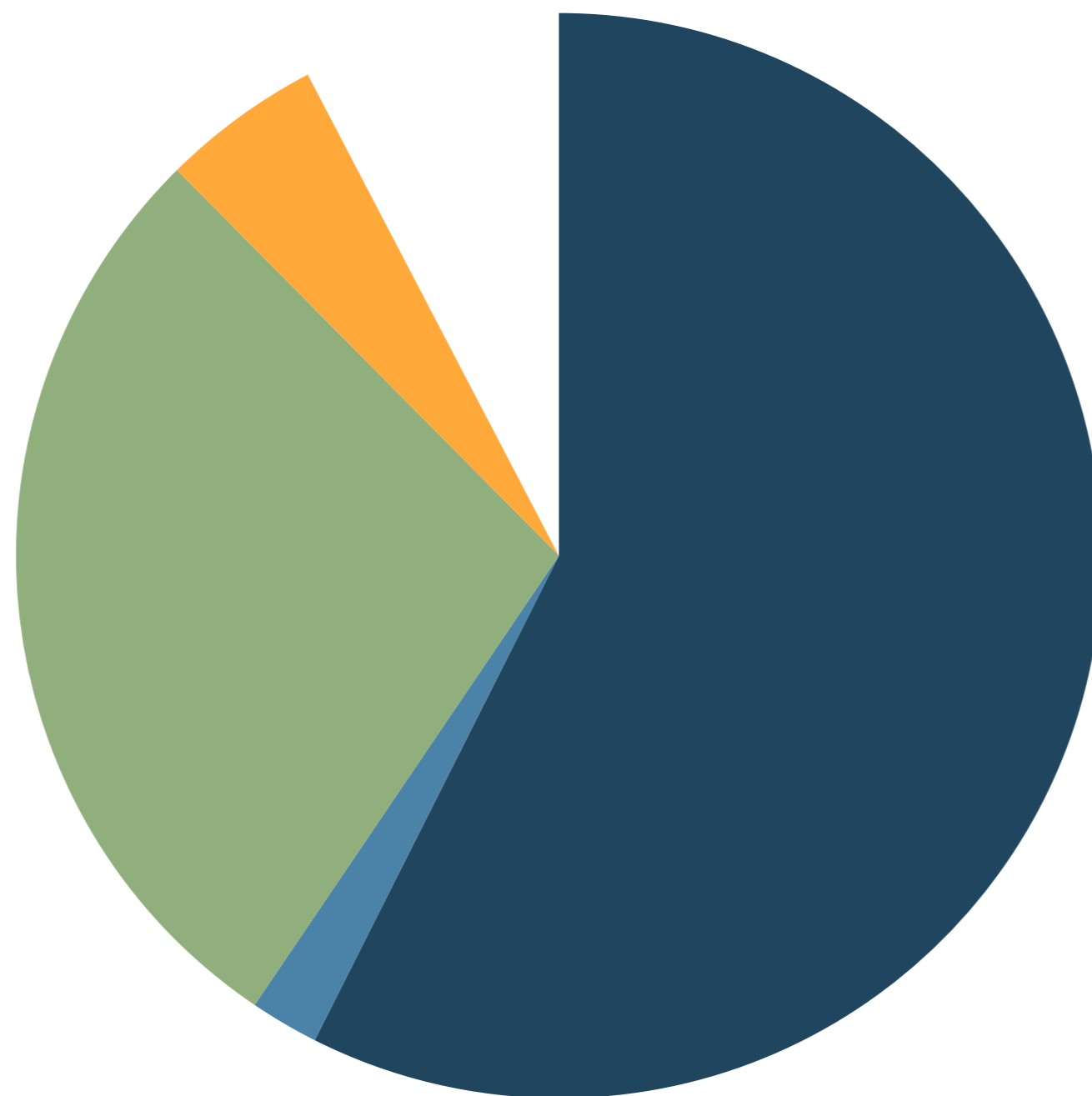
- 25 PJ voor 2 million electric vehicles
- Share renewable fuels in diesel 50%
- Share renewable fuels in petrol 10% (E10)
- Increased used of gas engines, with 100% greengas (10 PJ)
- Modal shift: 50% more rail traffic (commuters)
- EV and methane push back diesel consumption



491 PJ energie, 21,5 Mton CO₂ uitstoot

Driven by Nature.

Scenario voor 2030 - verdeling brandstoffen bij 'Parijs'

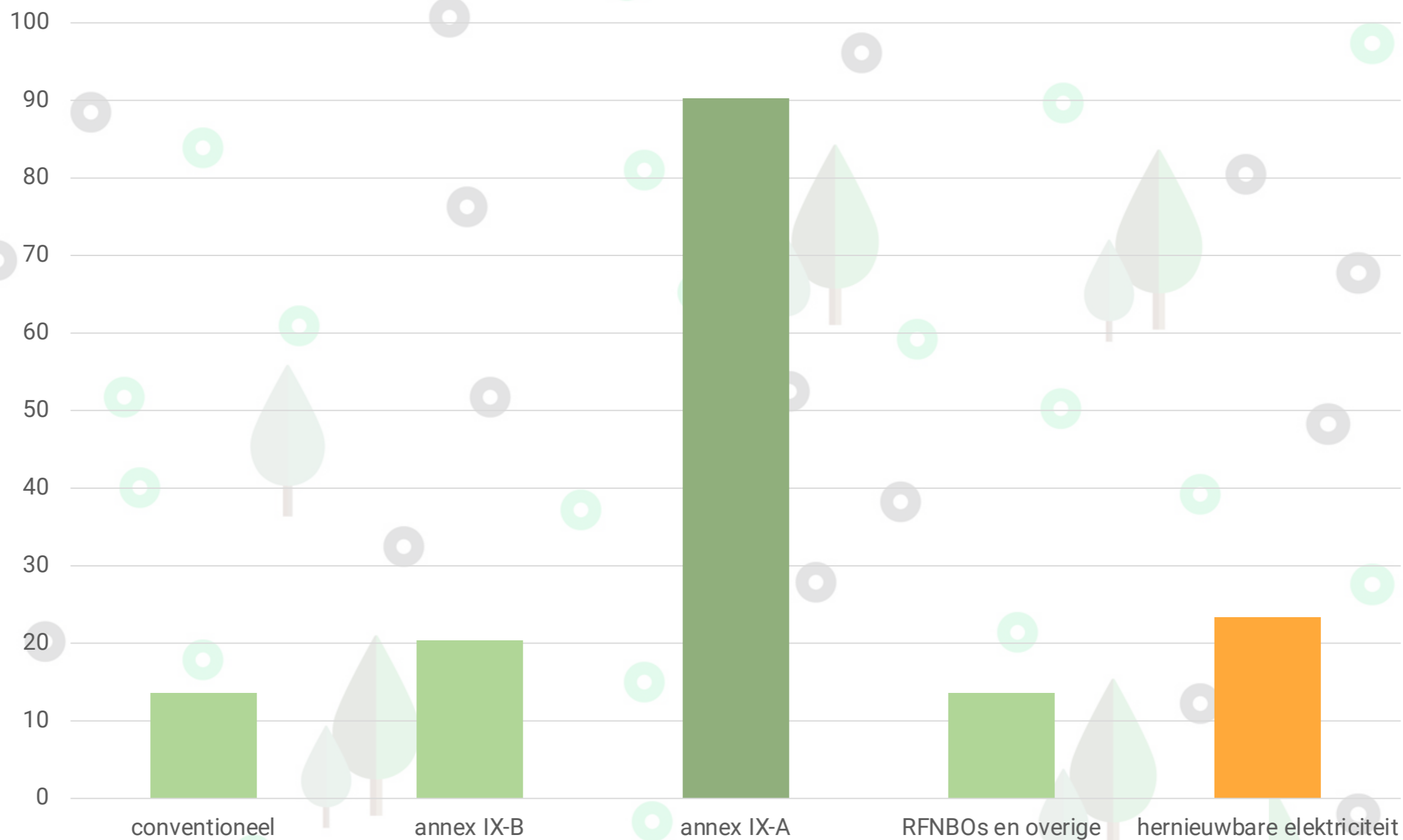


- Fossil fuels
- Fossil electricity
- Renewable fuels
- Renewable electricity
- Avoided energy use due to efficiency gains

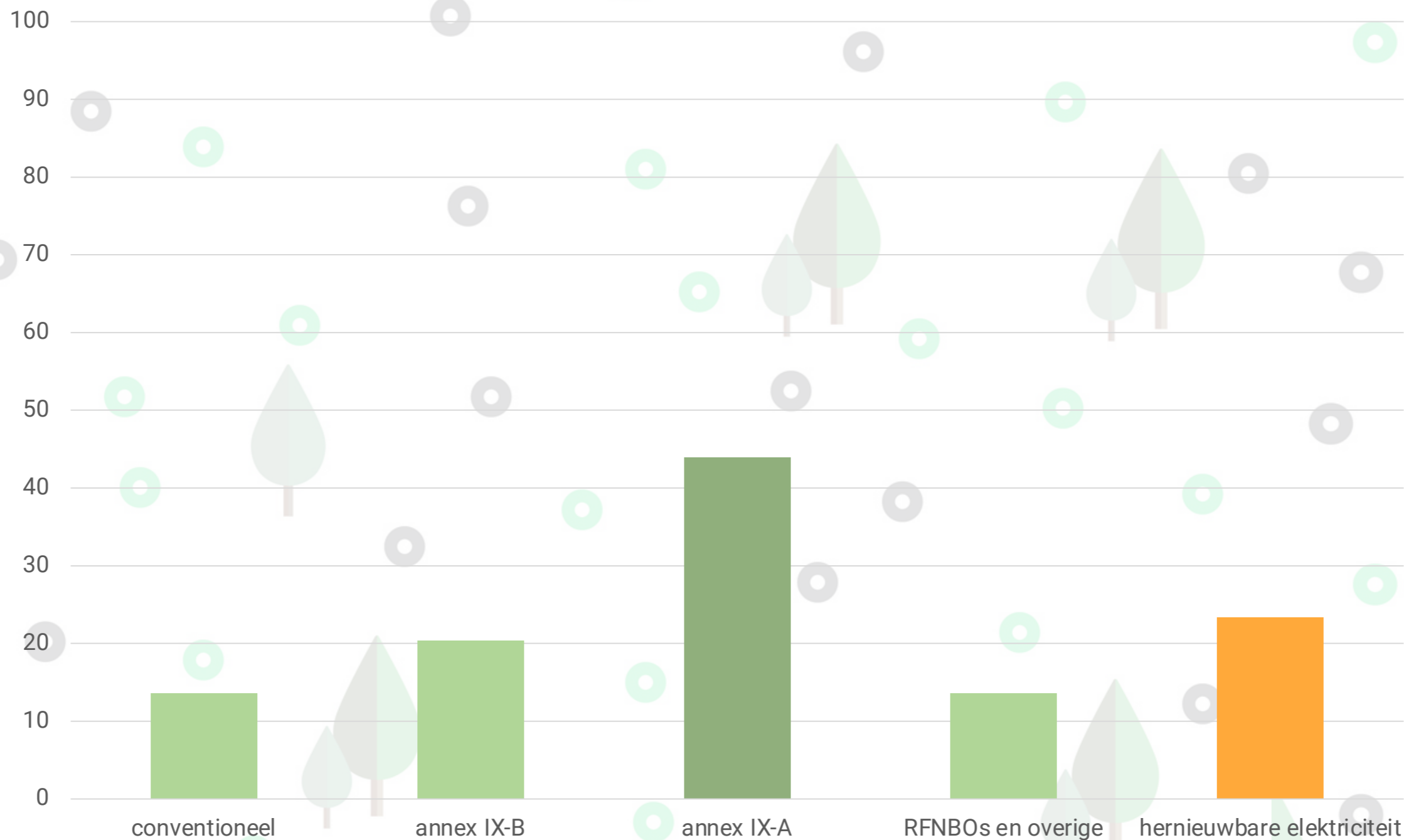
491 PJ energie, 21,5 Mton CO₂ uitstoot

Driven by Nature.

Welke hernieuwbare brandstoffen dan nodig



Alternatief bij sturen op 25 Mton CO₂ i.p.v. 'Parijs'



Alternatief bij sturen op 65 PJ i.p.v. 'Parijs'





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