

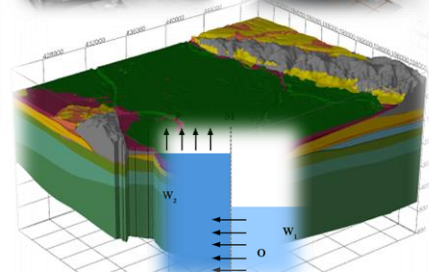
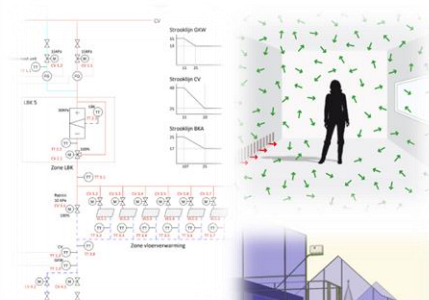
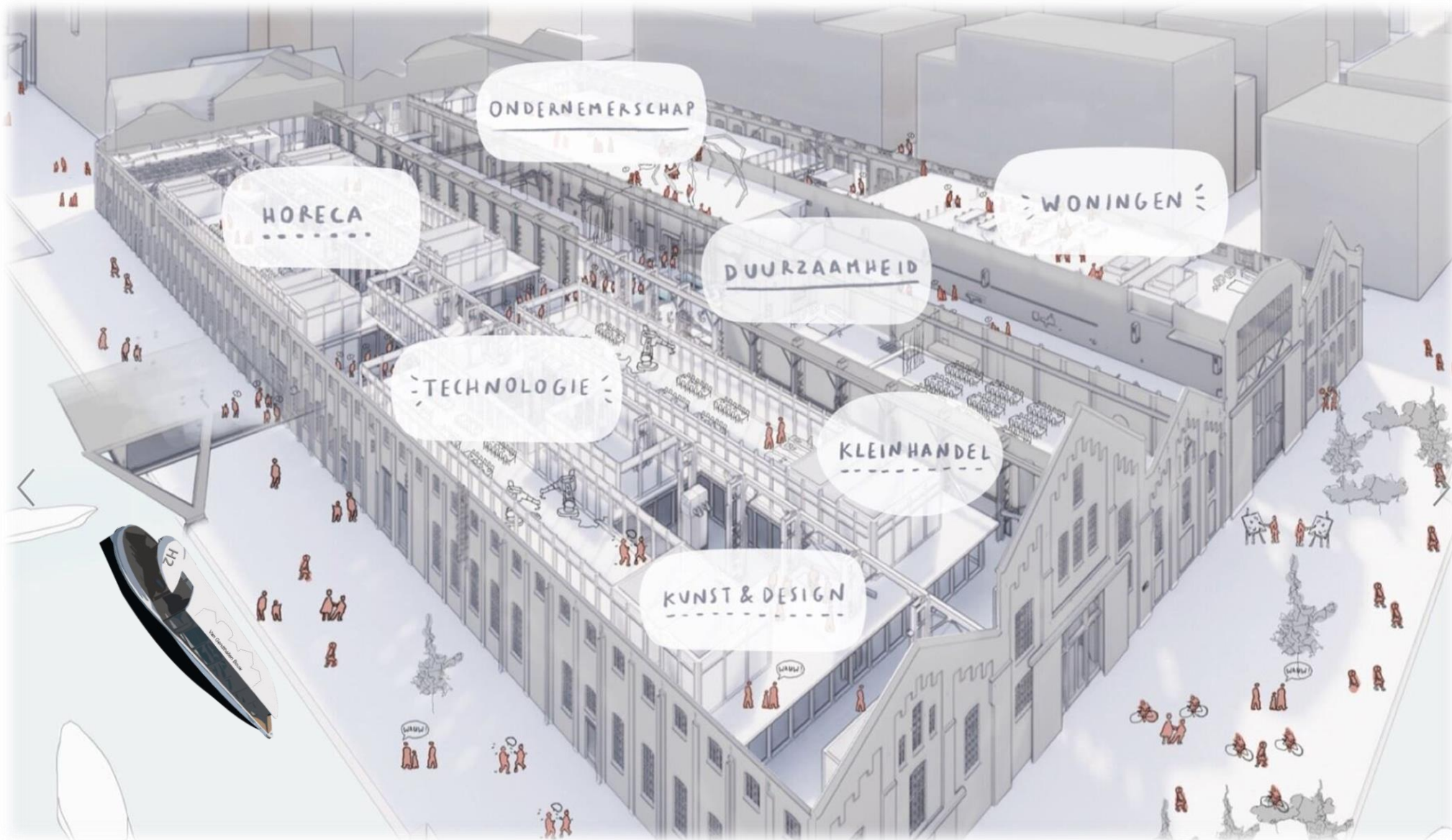
“Voel historie - Zie toekomst”
Eduard Zanen

De toekomst van het elektrische net '*achter de meter*'

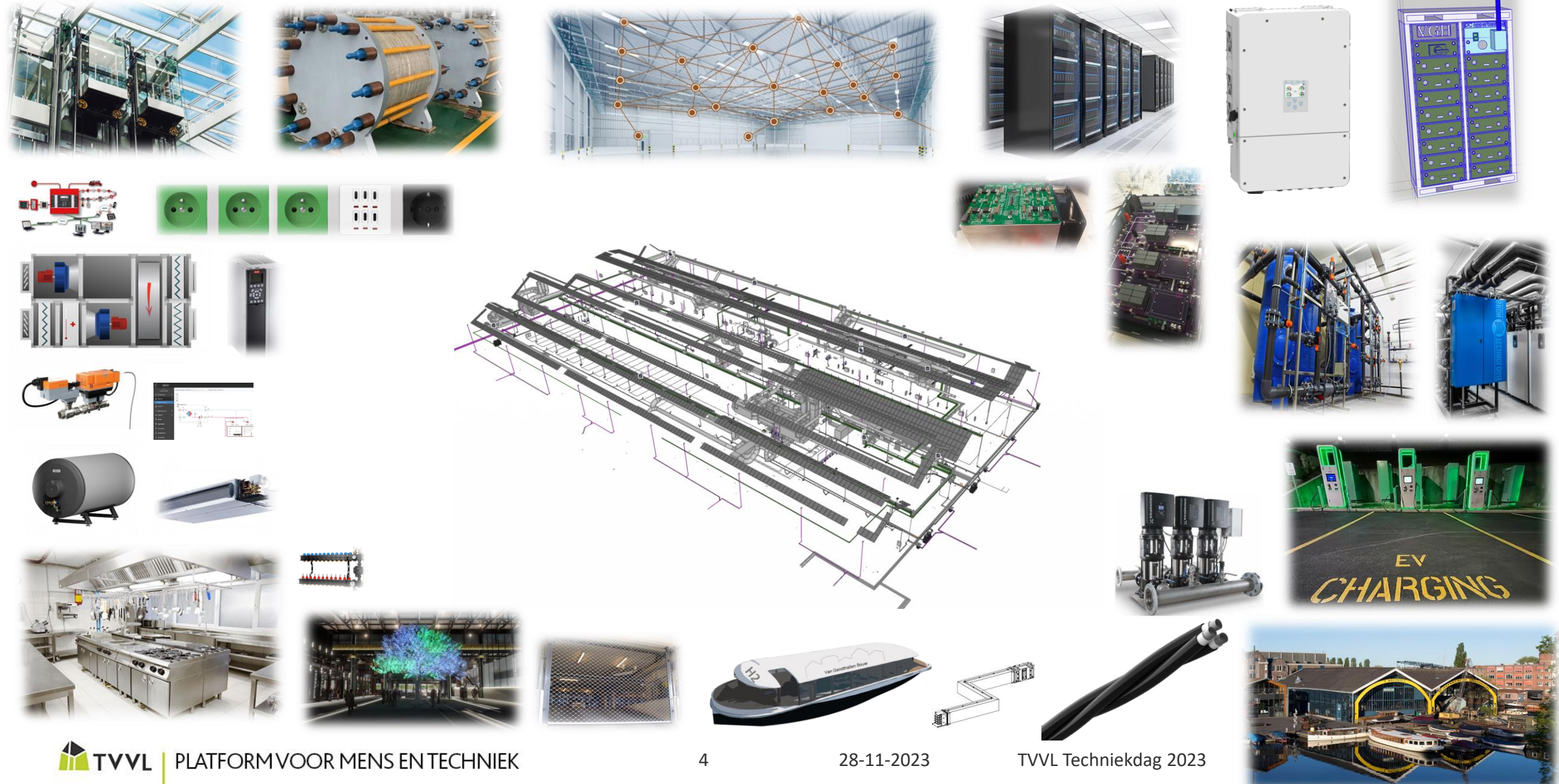
Peter van Duijsen & Epko Horstman
Expertgroep Elektrotechniek TVVL

TVVL KENNISPARTNERS

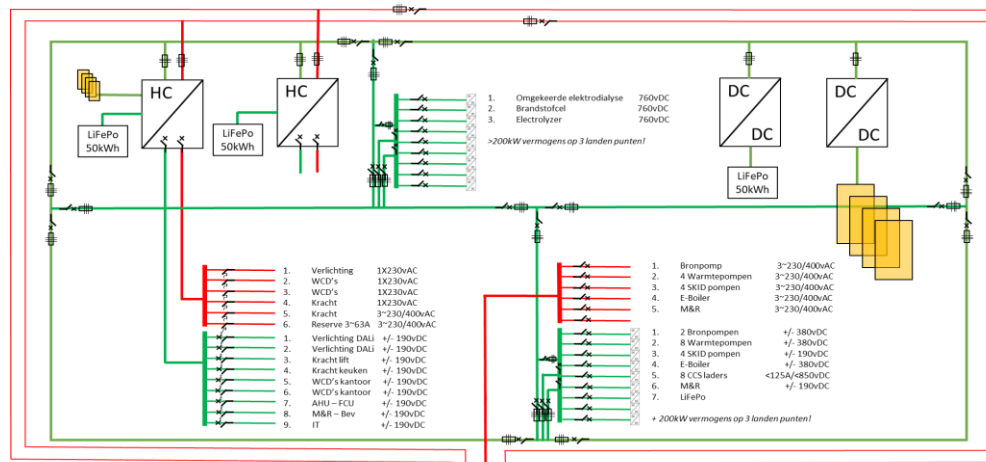
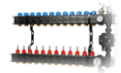
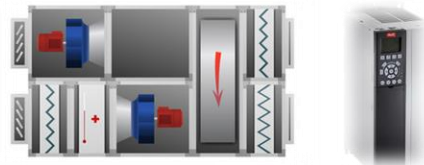
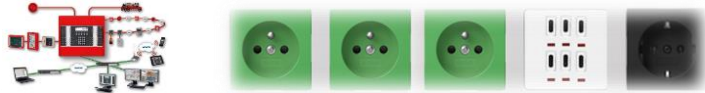
verder dan het elektrische net 'achter de meter'



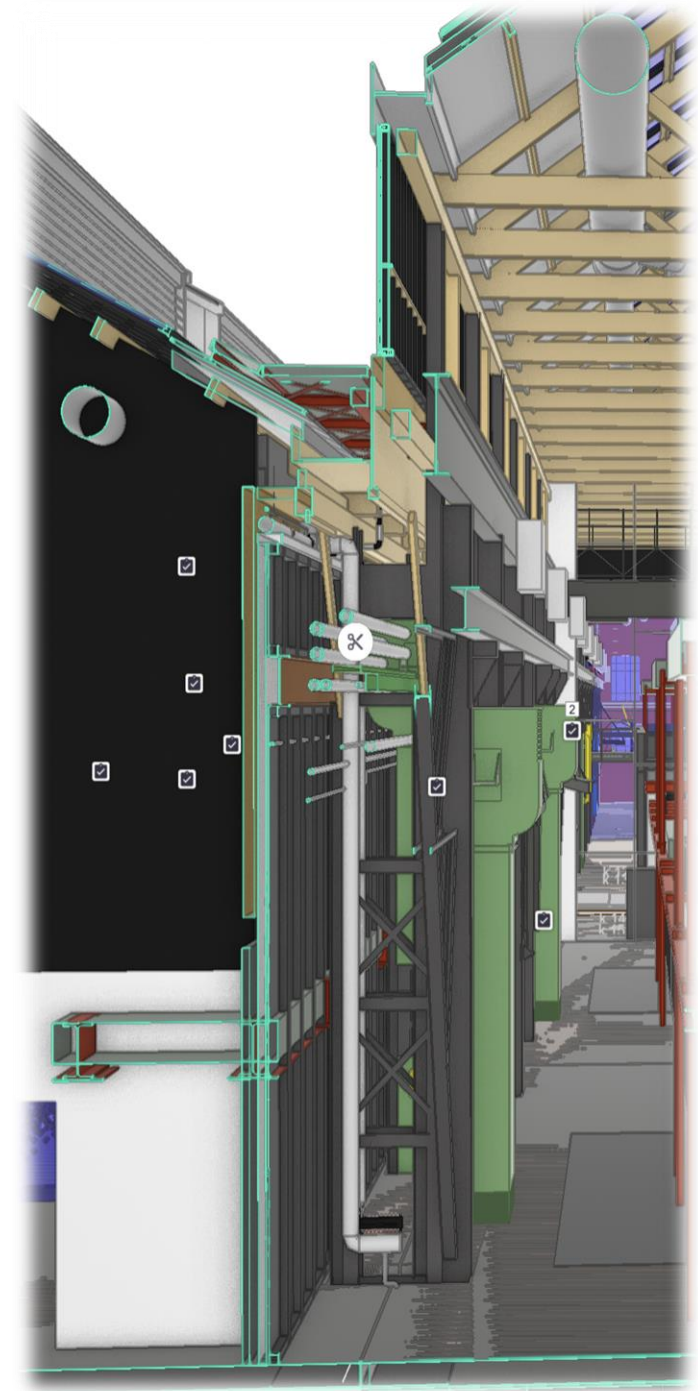
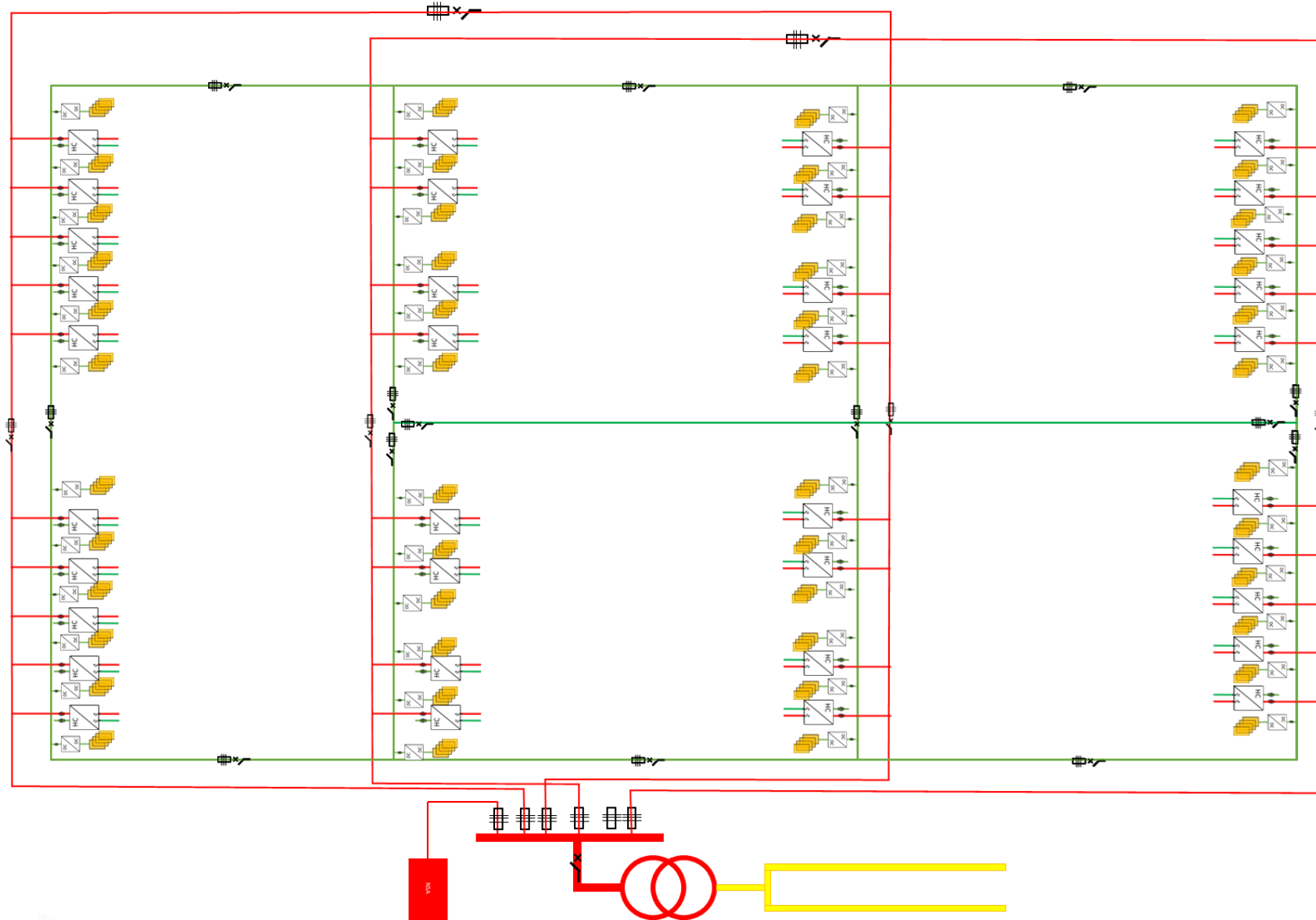
áán het elektrische net... 'achter de meter'



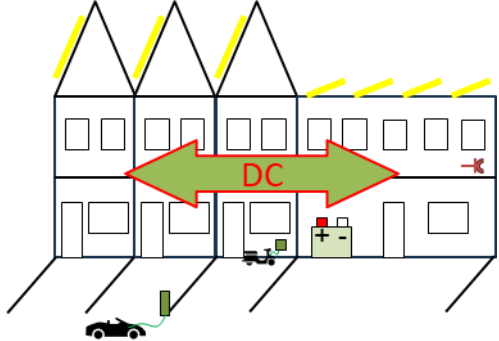
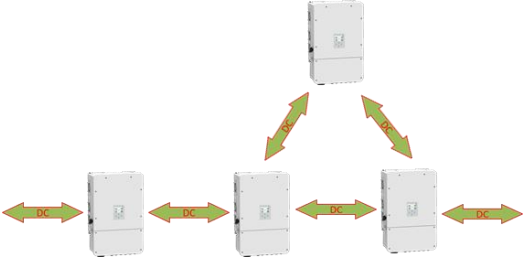
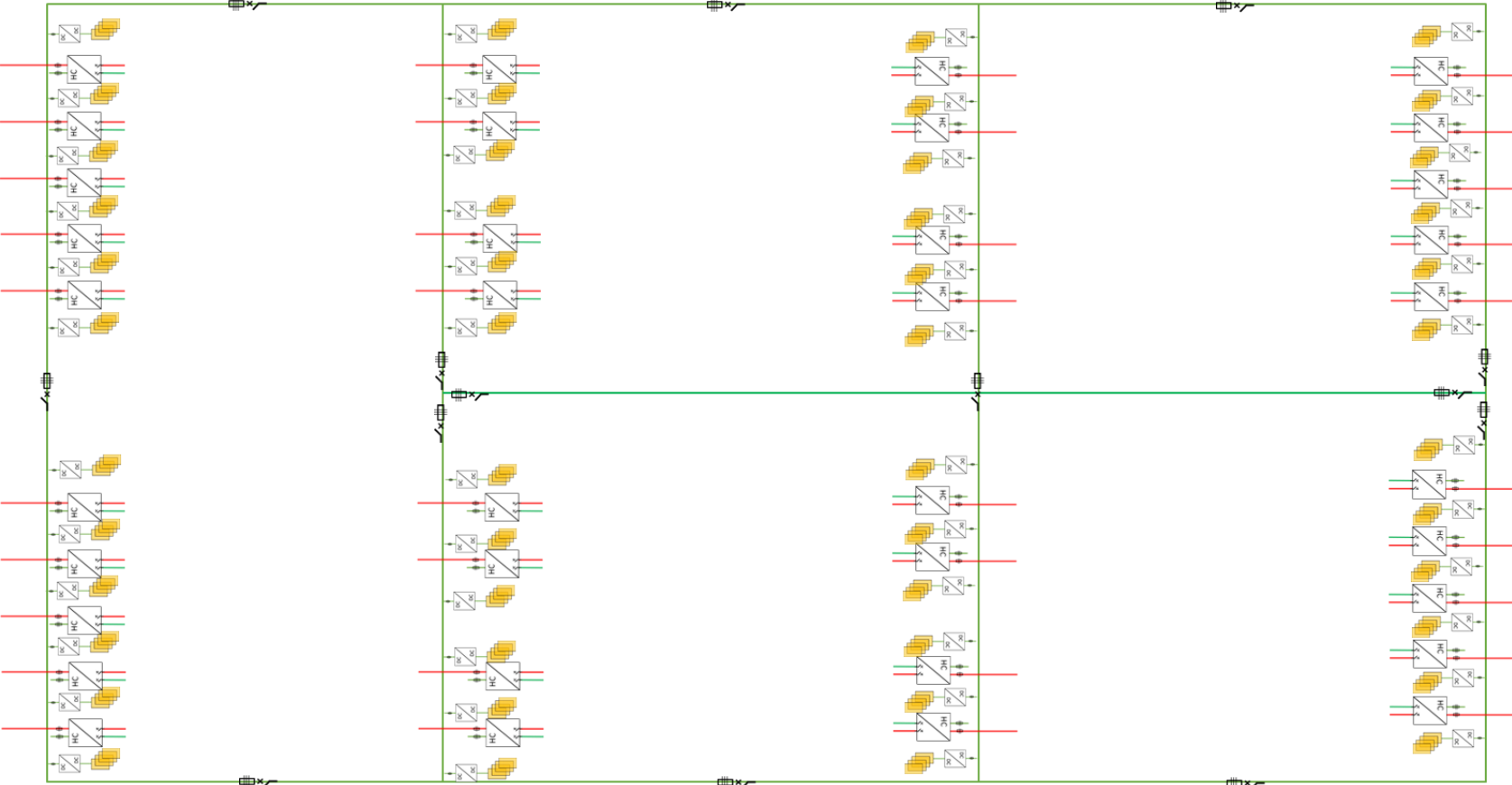
áán het DC net...



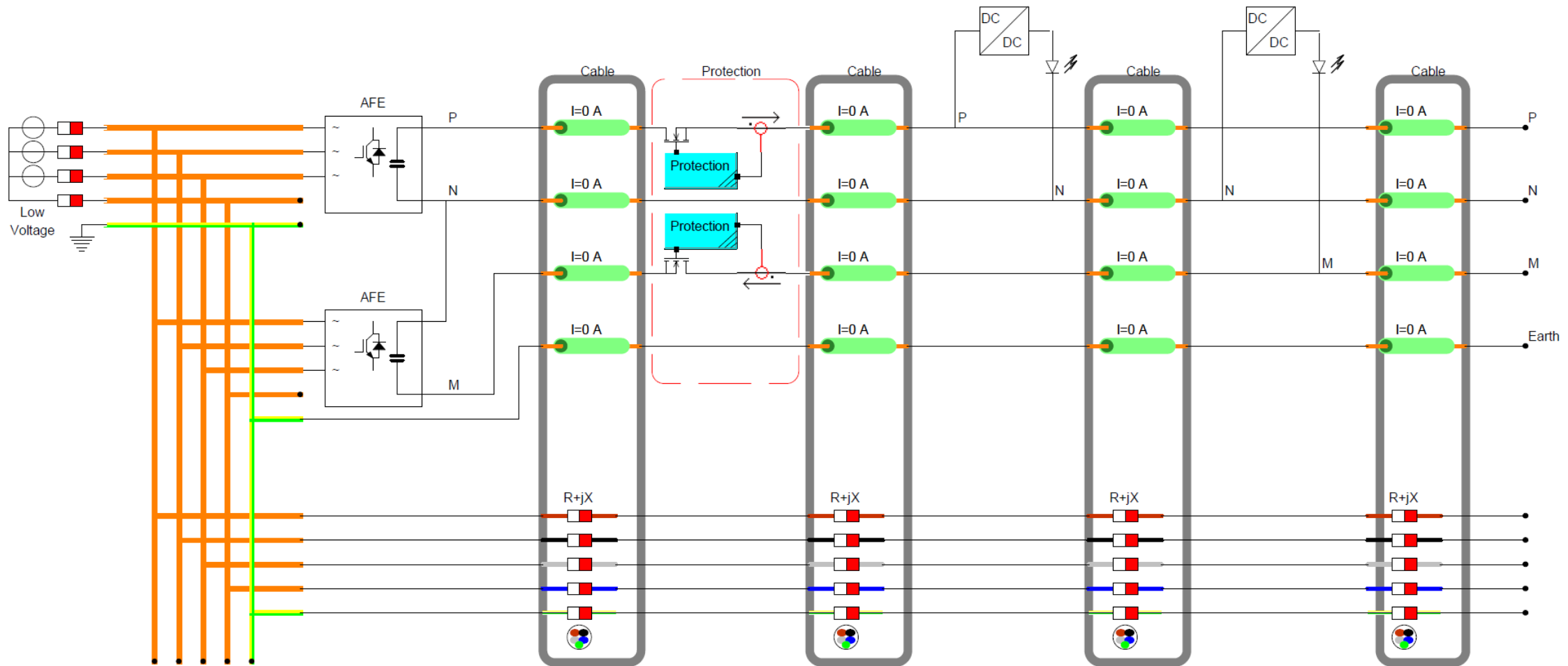
Vermaasde bidirectionele DC net...



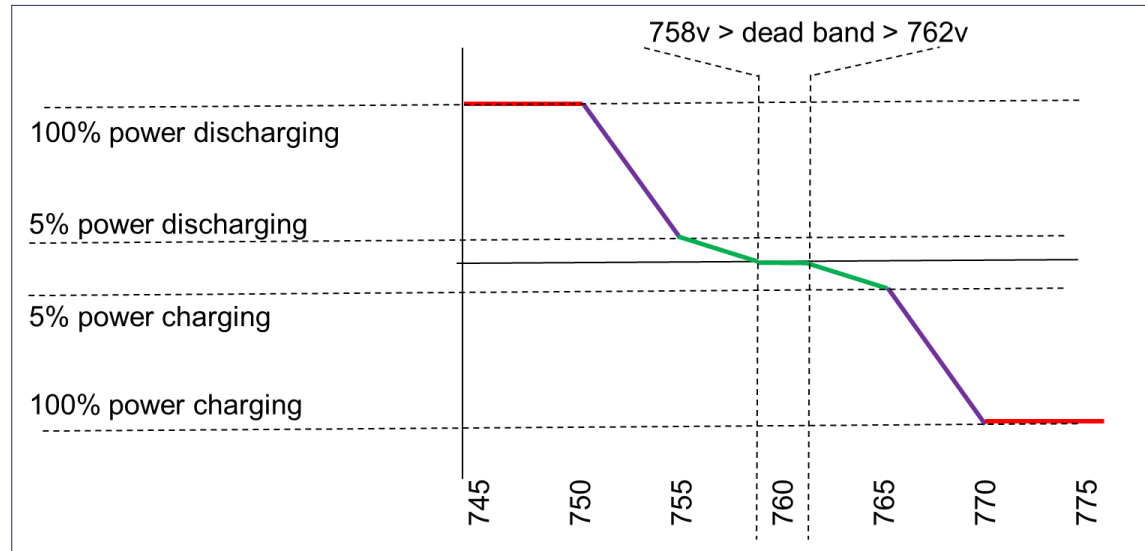
Vermaasde bidirectionele DC net...



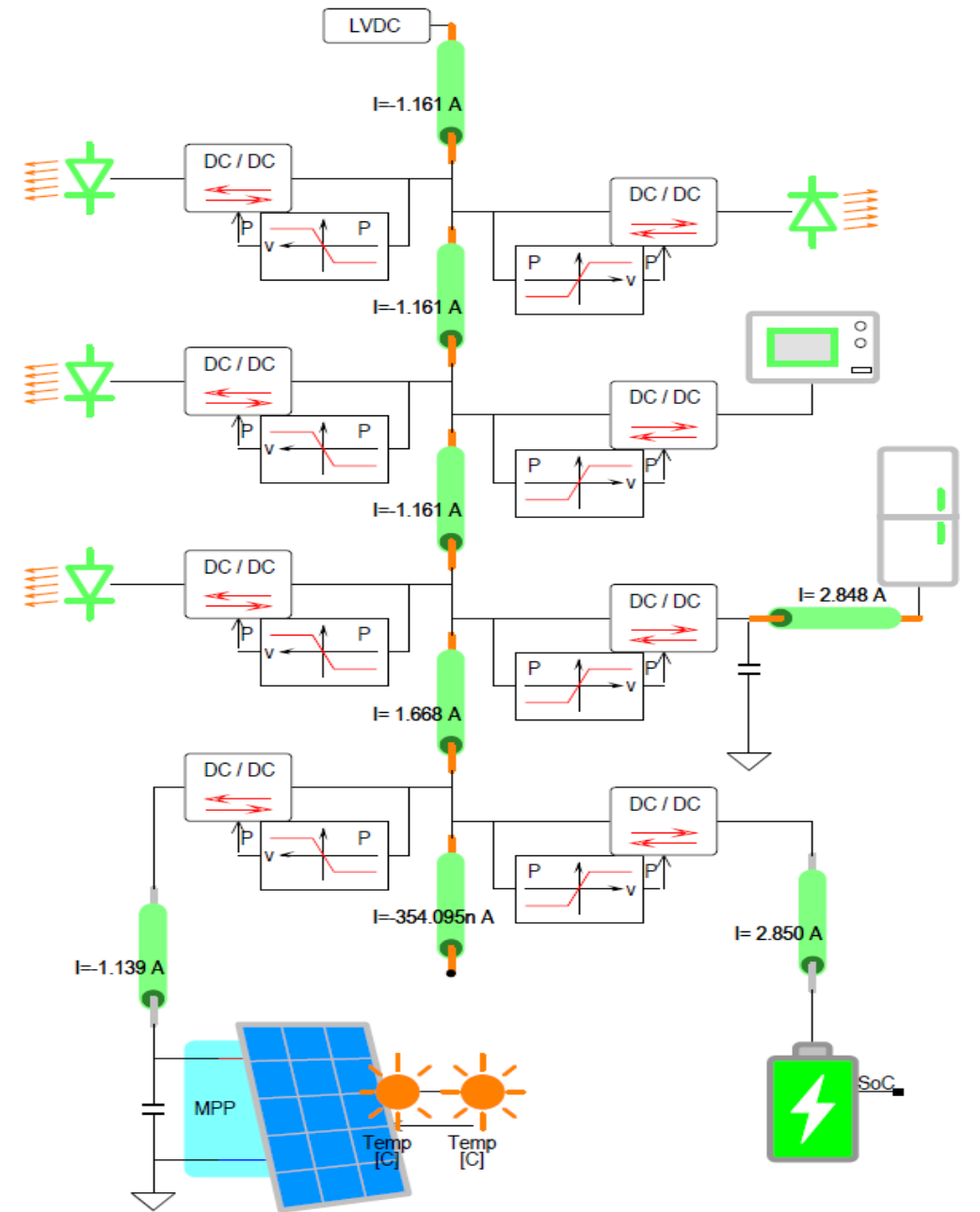
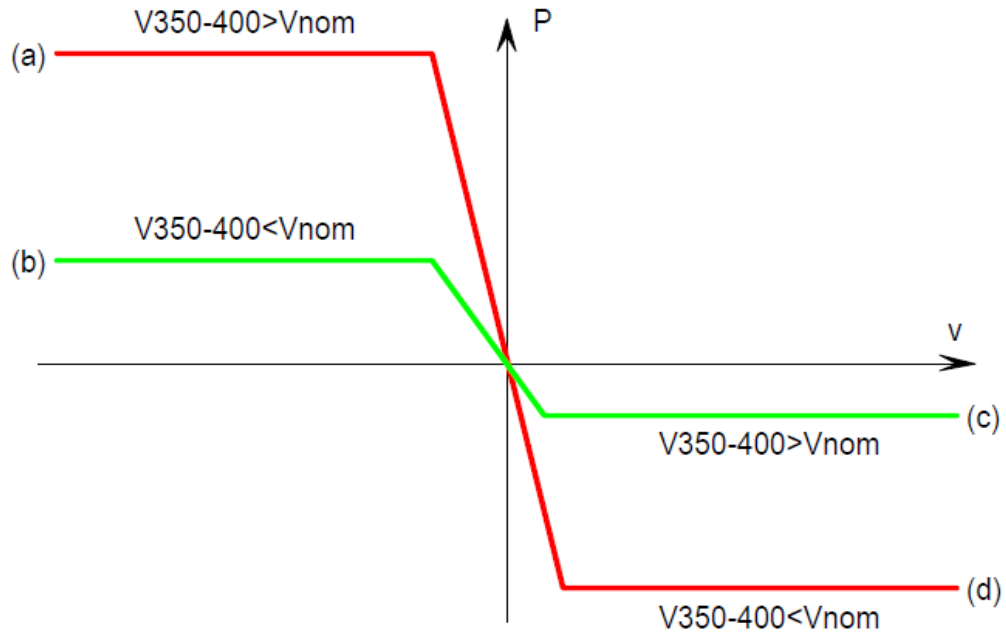
Droop control



Spanningsniveau DC grid, *transitie in beweging zetten*

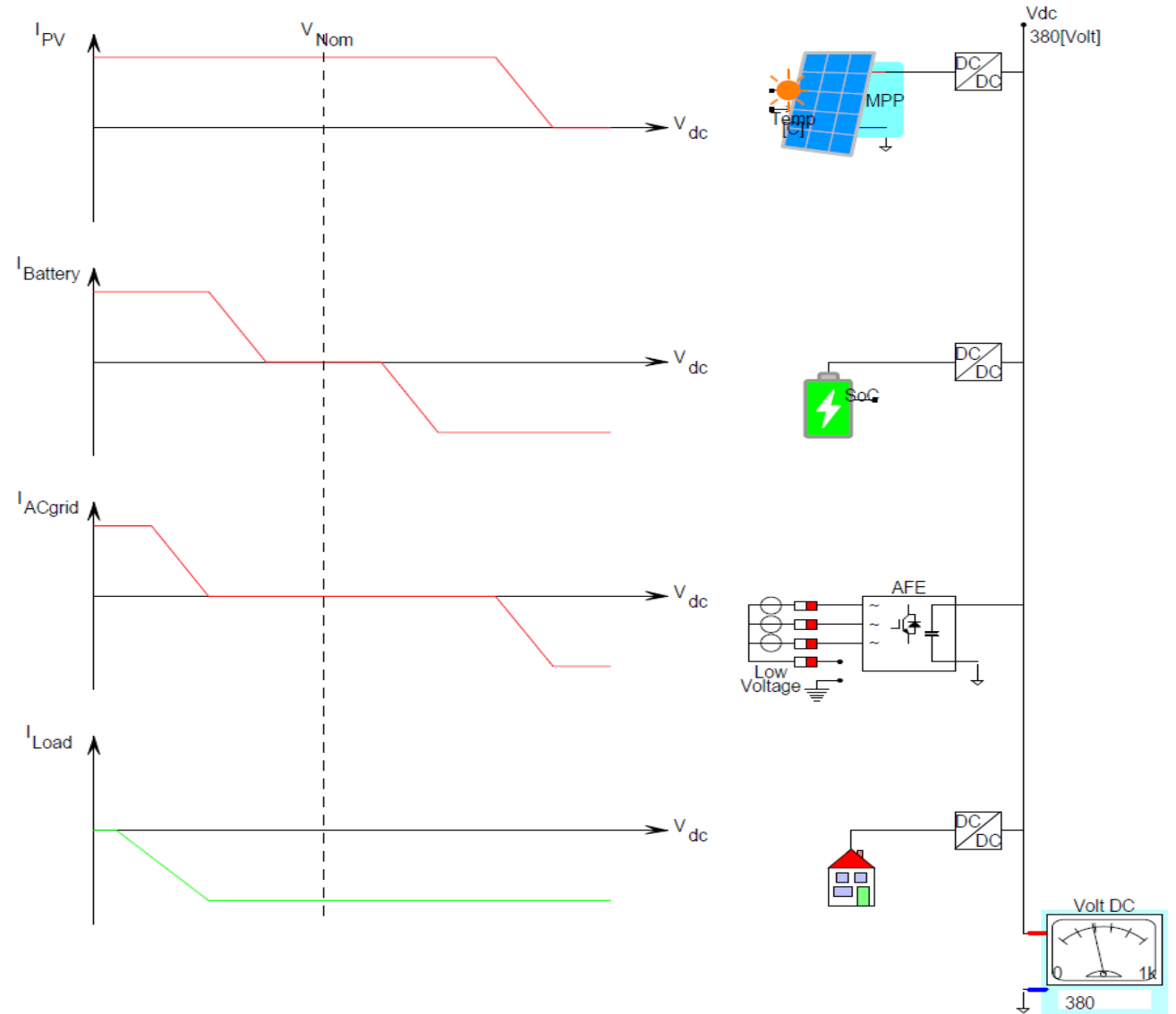


Droop controlled applications

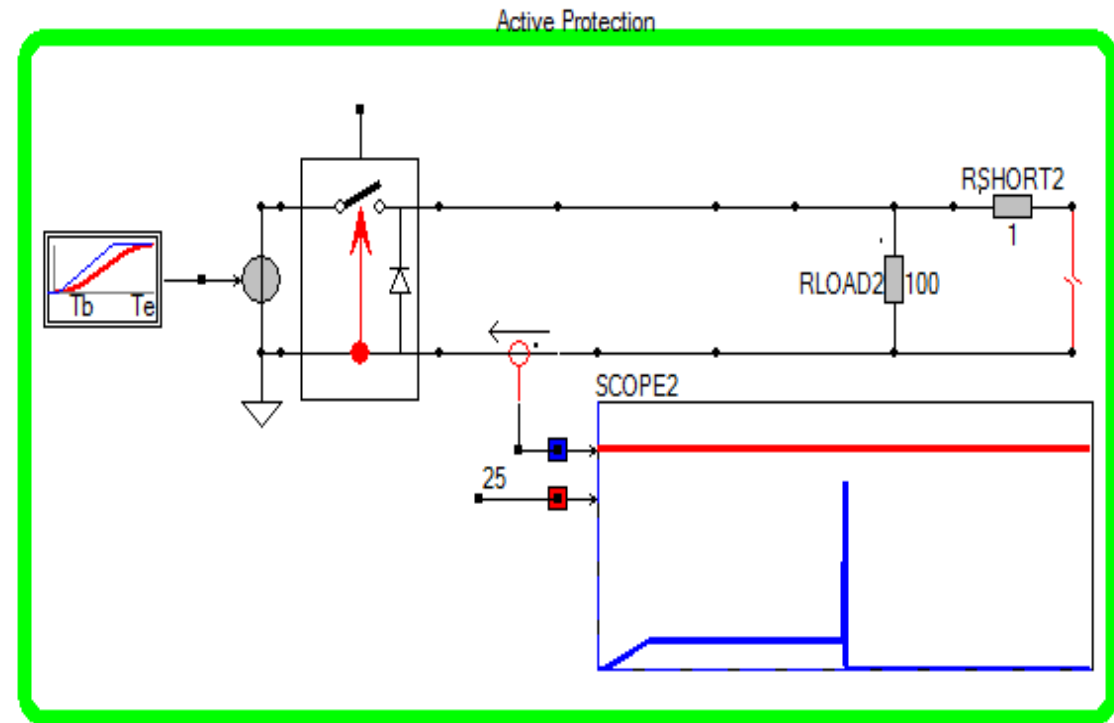
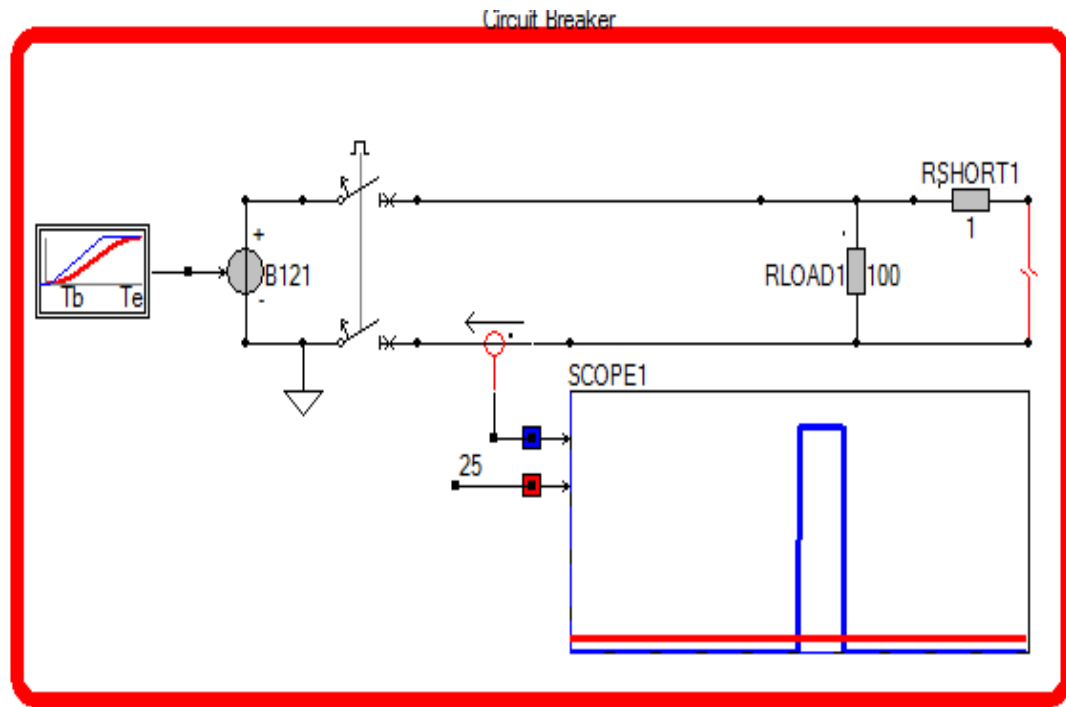


Droop controlled inverters

- Controlled current flow per appliance
- Islanding operation
- No communication required

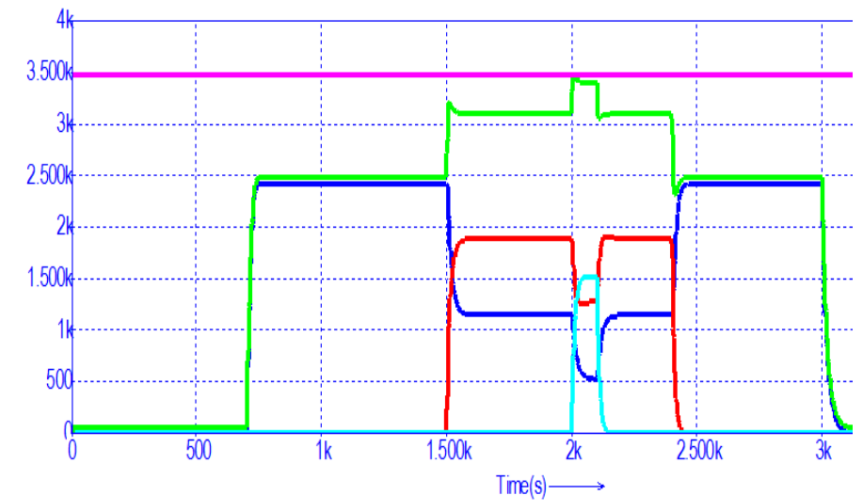
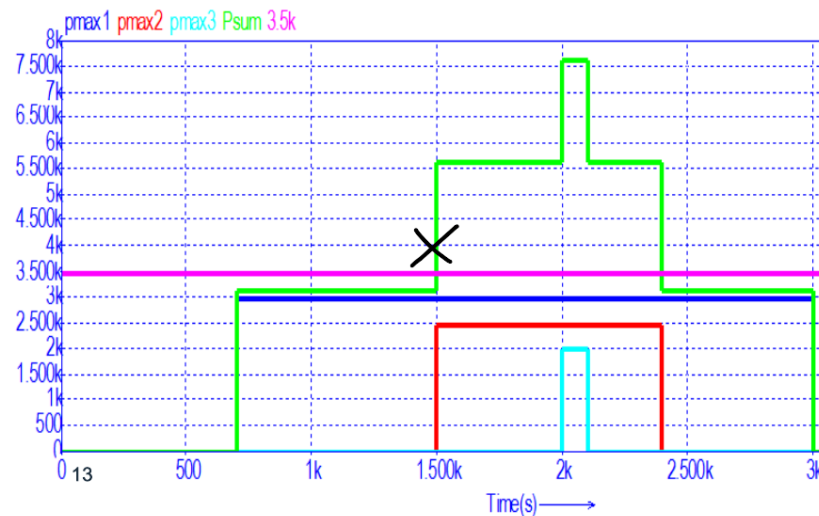
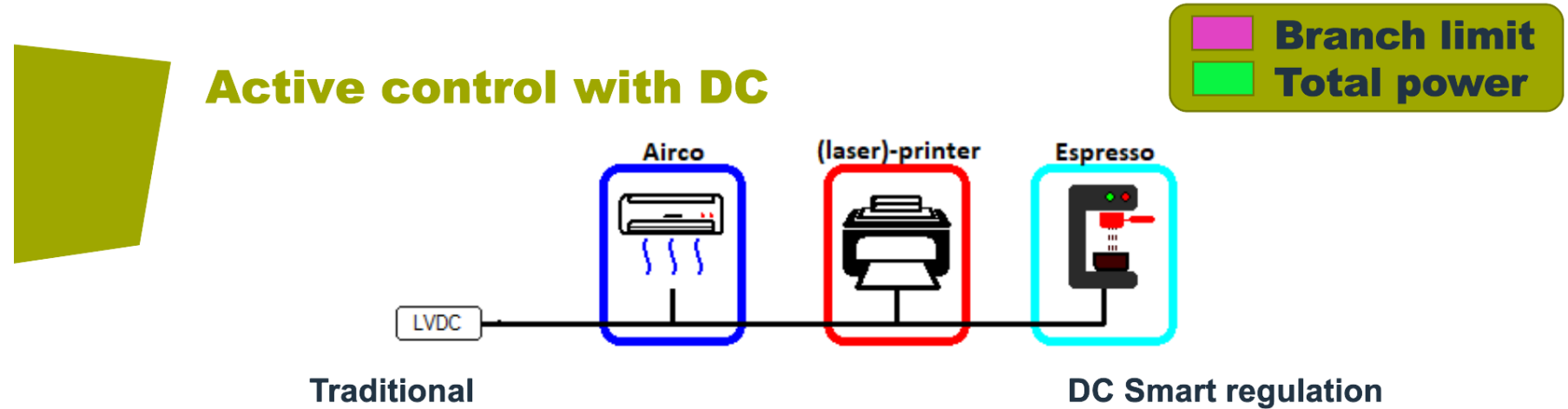


RoCoC Rate of Change of Current

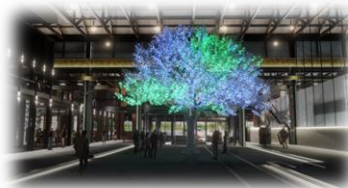
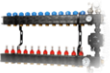
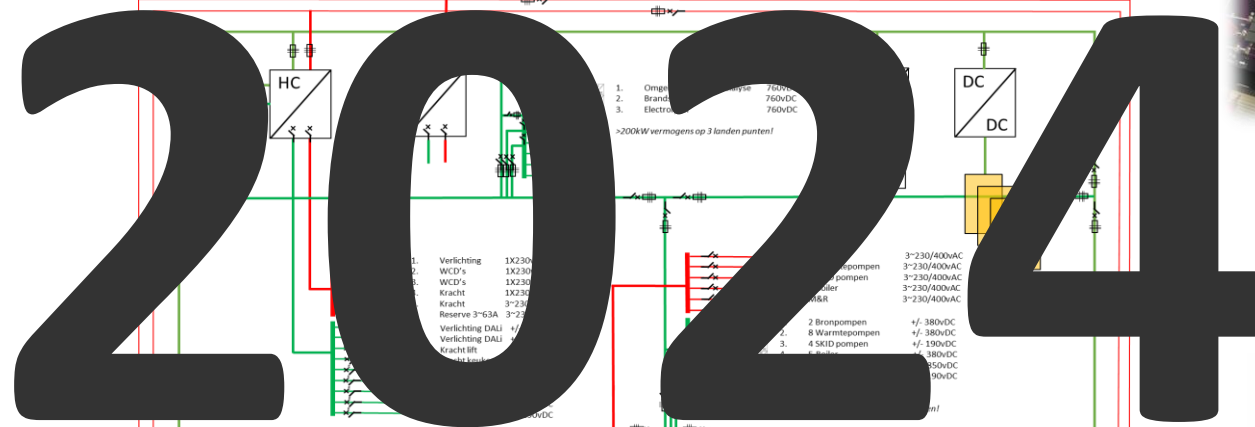
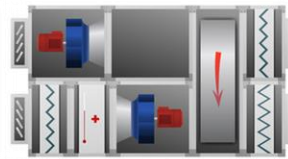


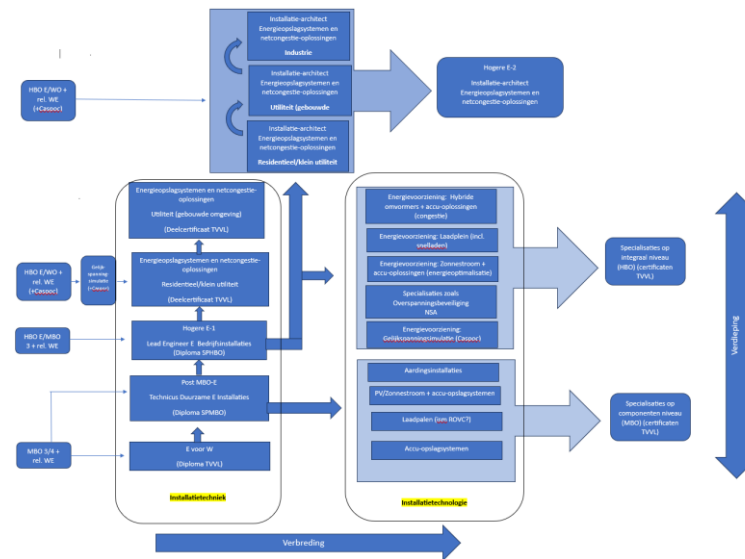
Sharing electrical energy

DC-Lab: Power Congestion Management



het DC grid aan het installeren





Dank je wel voor je aandacht!

TVVL KENNISPARTNERS