



New
Energy
Coalition

Drivers of Change

Energiehubs BoekelermeerAlkmaar

- Verduurzaming Boekelermeer
- Drie energiehubs
- Uitwerking van de hubs
- EU Renewable Energy Valley, flagship Boekelermeer

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Nieuws:

Energiehub Boekelermeer-haven operationeel



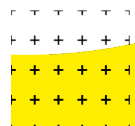
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Historie verduurzaming Boekelermeer



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1^e Programma Verduurzaming Boekelermeer (2016-2020)



Industrial Smart Grid Boekelermeer



Boekelermeer Energiepositief - BE+

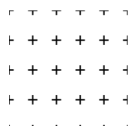
2e Programma Verduurzaming Boekelermeer (2021-2023)



11-11-2023



Programma verduurzaming bedrijventerreinen



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3^e Programma Verduurzaming Boekelermeer (2024-2028)

REFORMERS

*Regional Ecosystems FOR Multiple-Energy
Resilient Systems*



Increasing energy security while accelerating
the green transition in Europe

Project funded by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Education,
Research and Innovation SERI



Funded by
the European Union



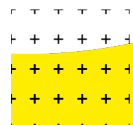
reformers-energyvalleys.eu

(c) New Energy Coalition, 2025



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Energiehubs Boekelermeer

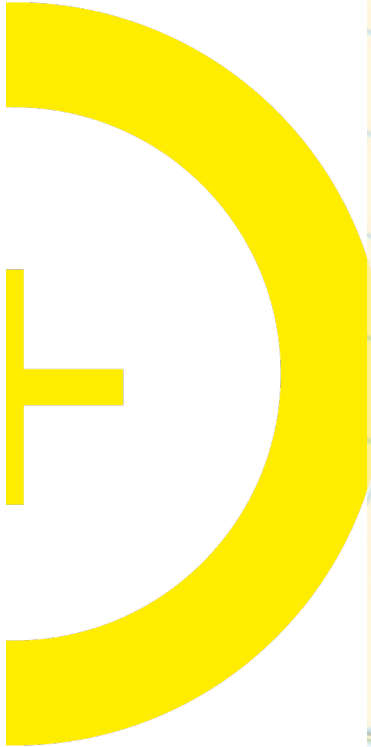


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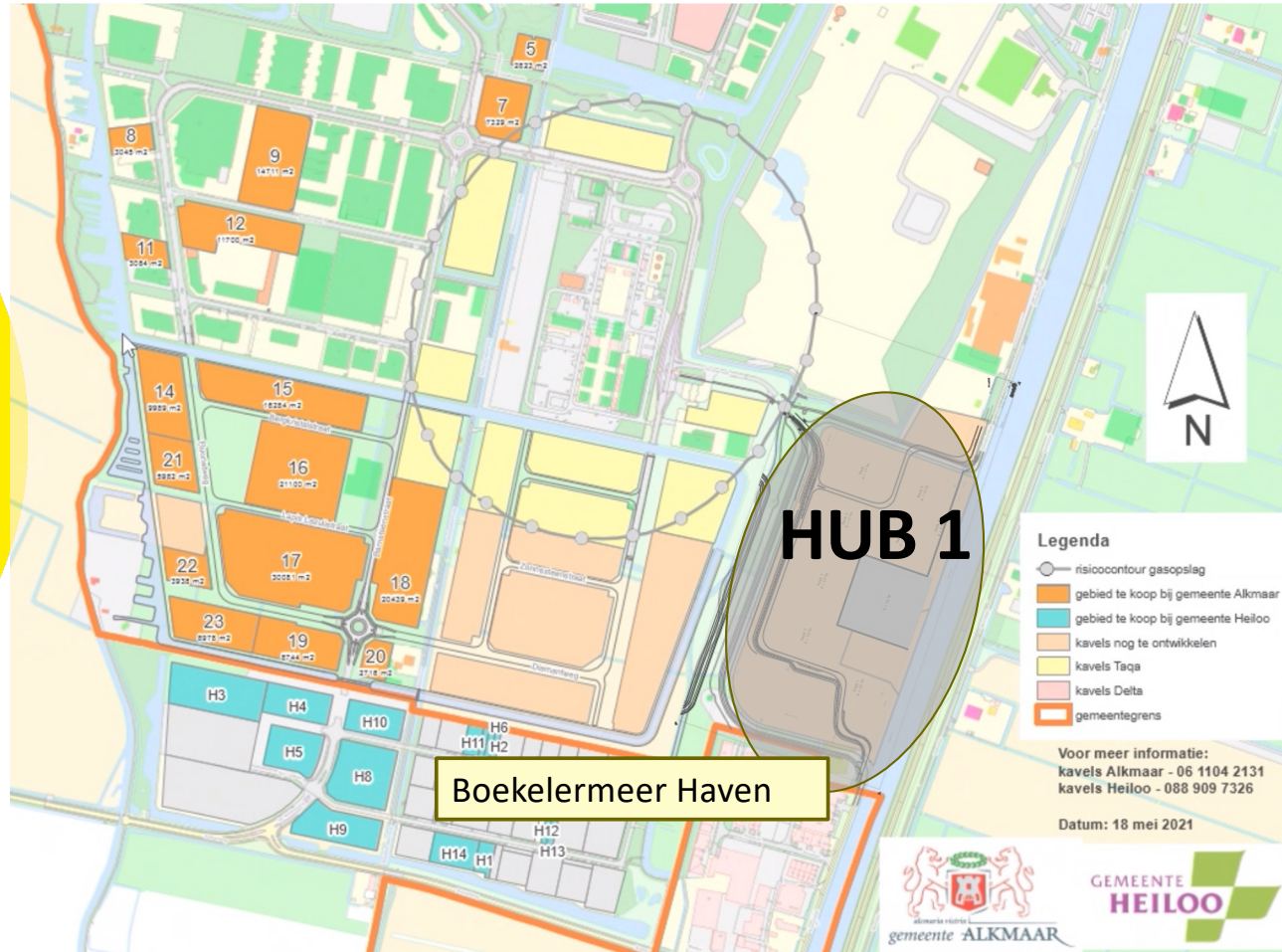
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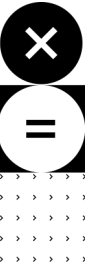


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Projectteam Boekelermeer Haven

PARTIJEN

- ❑ Gemeente Alkmaar (3)
 - Projectleider haven
 - Technisch adviseur
 - Manager RO en bestuurszaken
- ❑ Emmett Green (1)
- ❑ New Energy Coalition (1)

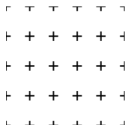
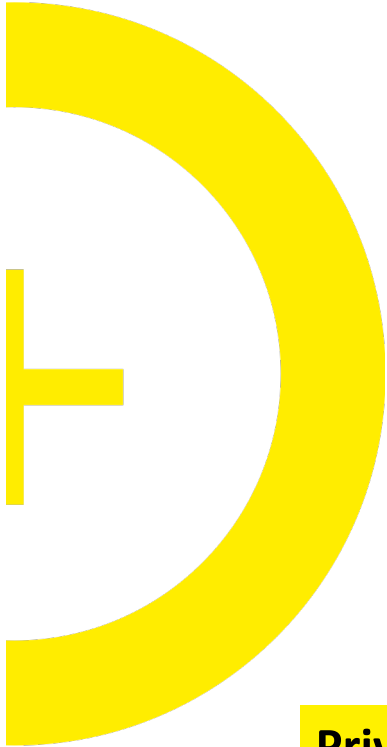
TIJDLIJN

- ☐ Quick scan 2022
- ☐ Verkenningen - 2023
- ☐ Ontwerp Privaat Net - 2023/2024
- ☐ Aanpassing van het ontwerp in samenwerking met Liander - 2024
- ☐ Aanbesteding - December 2024
- ☐ Aanleg (in Q2-4 2025)

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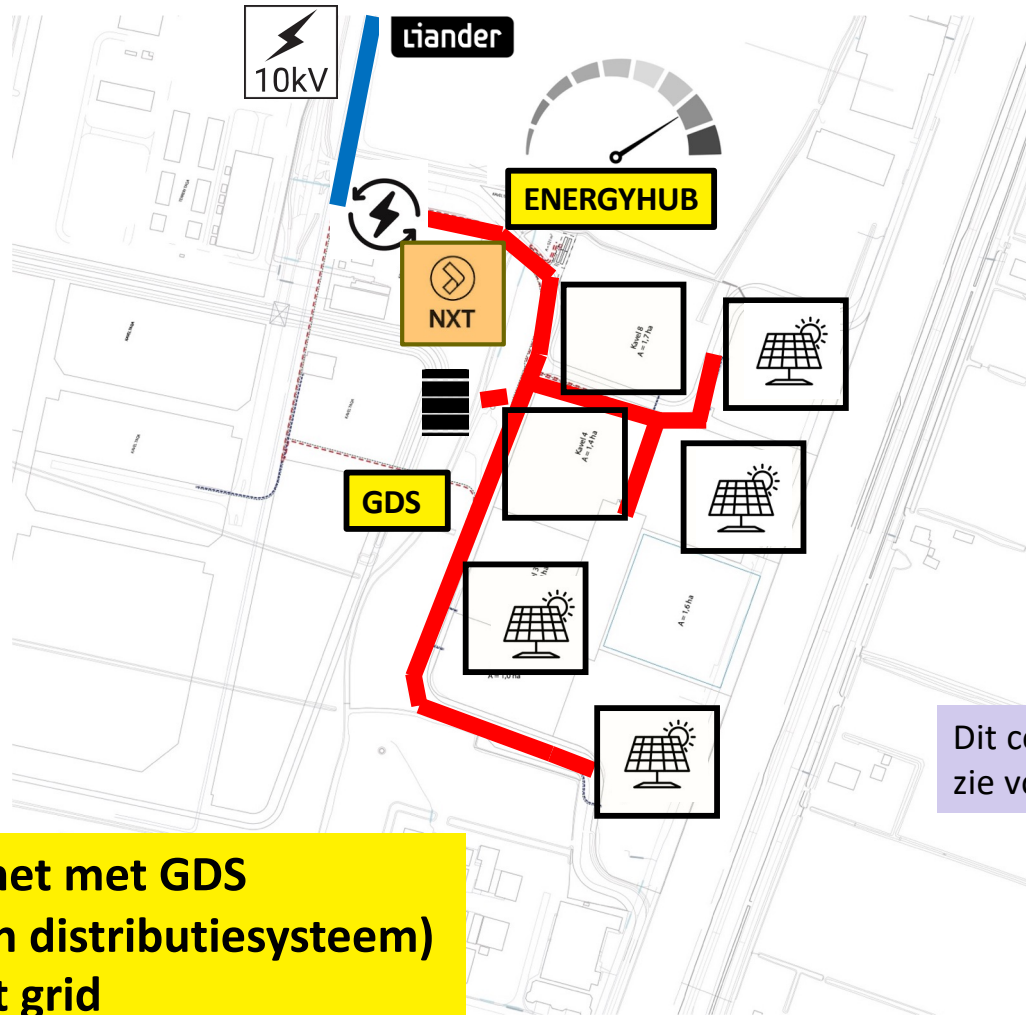
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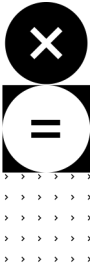


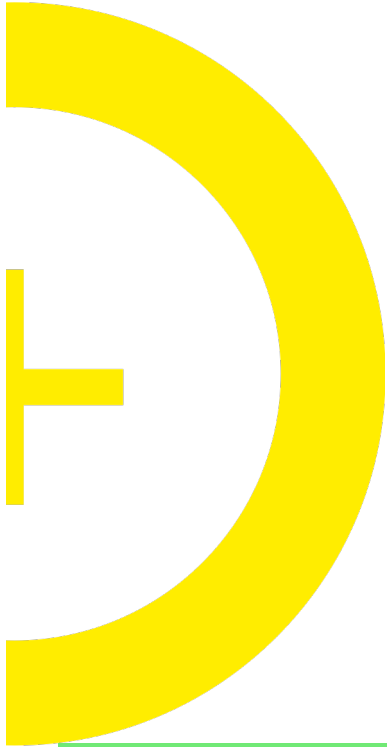
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Privaat net met GDS (gesloten distributiesysteem) en smart grid

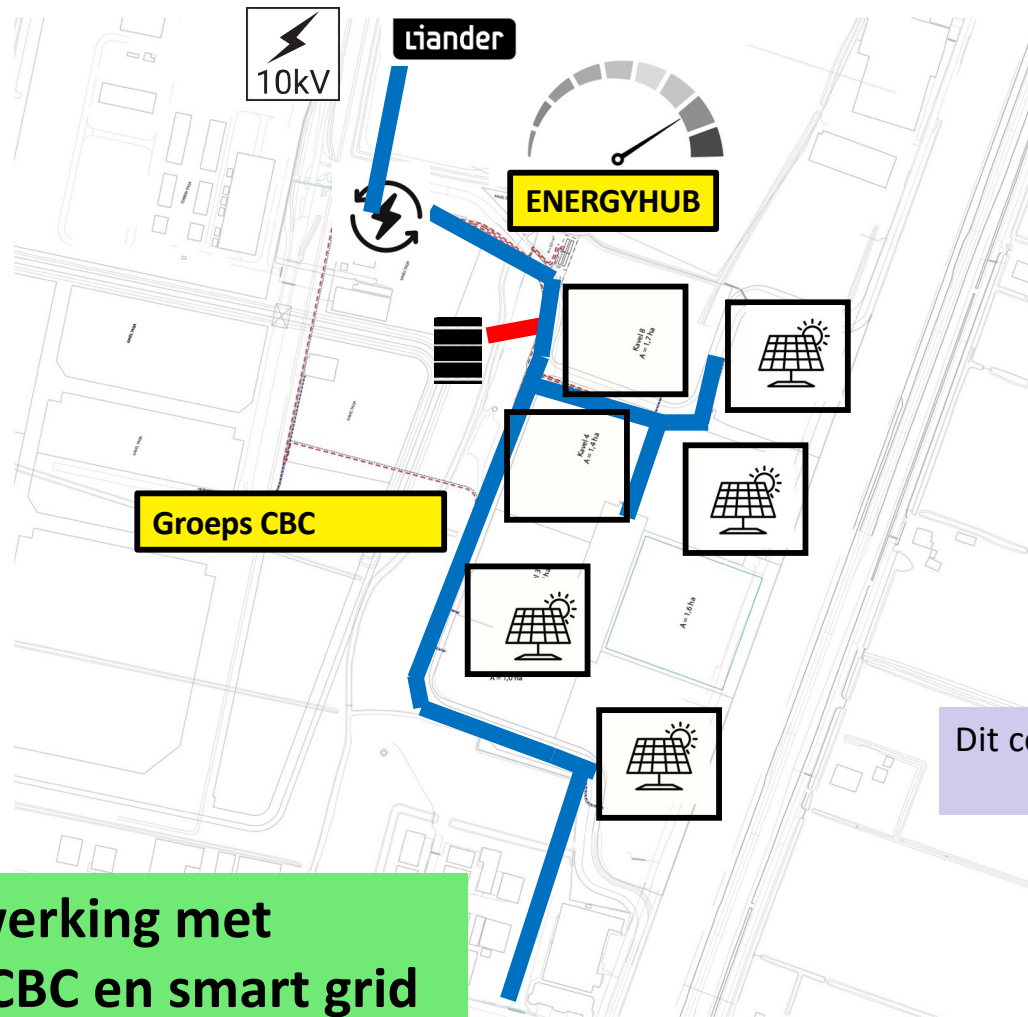


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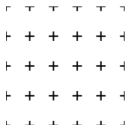
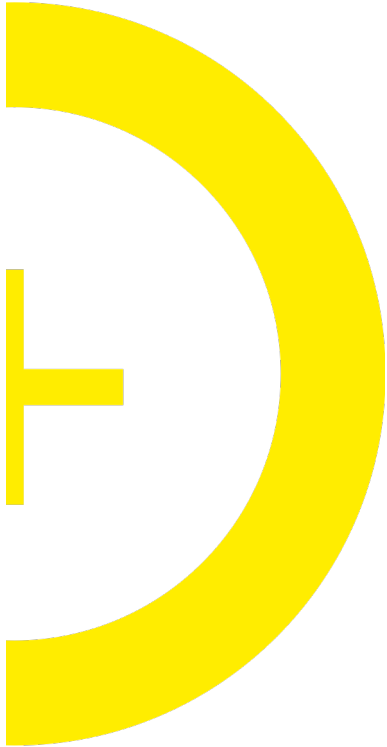


Concept Samenwerking met Liander: Groeps CBC en smart grid



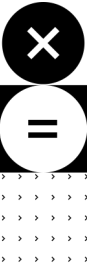
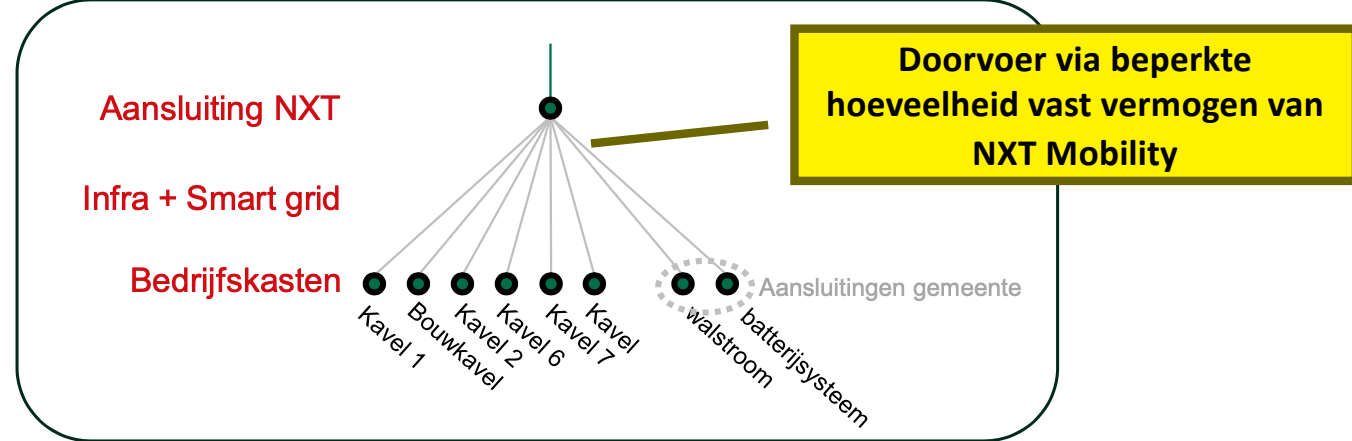
Dit concept is **wel** gerealiseerd



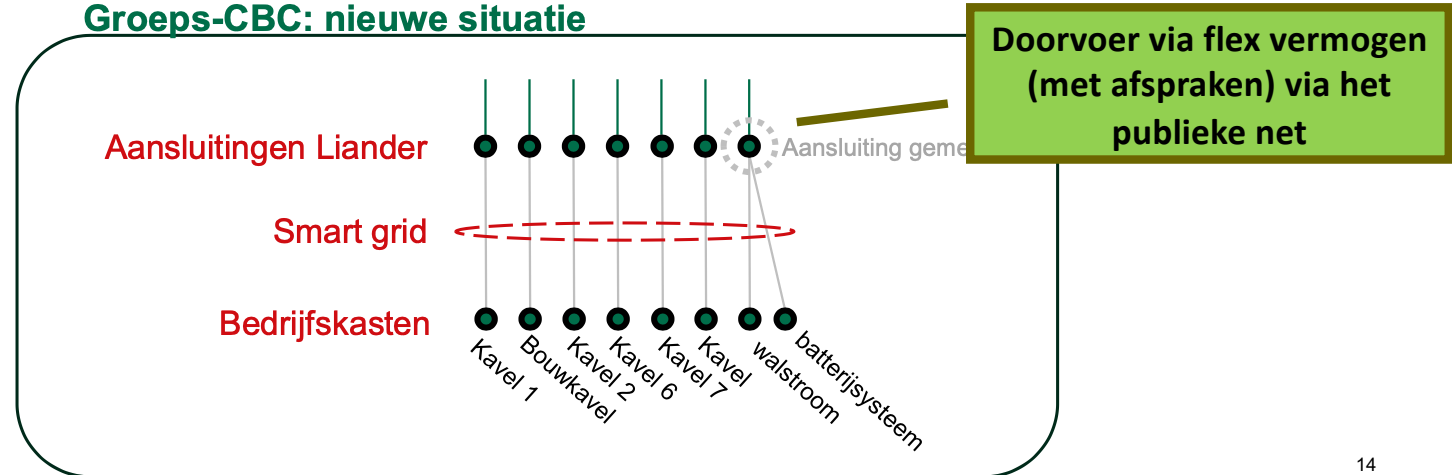


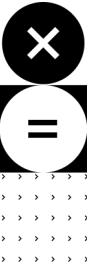
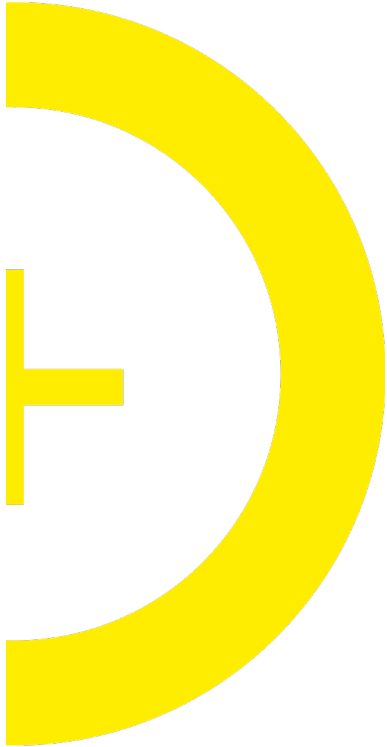
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Privaat elektriciteitsnet: oude situatie

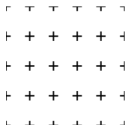
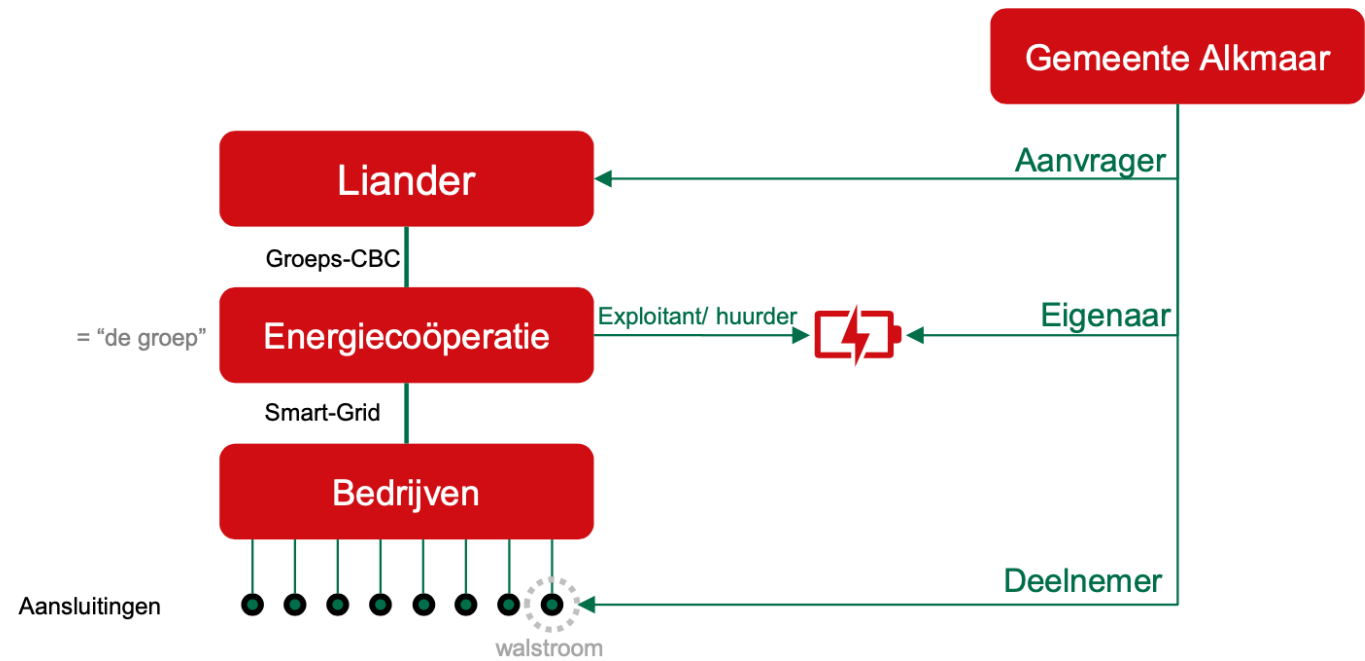


Groeps-CBC: nieuwe situatie





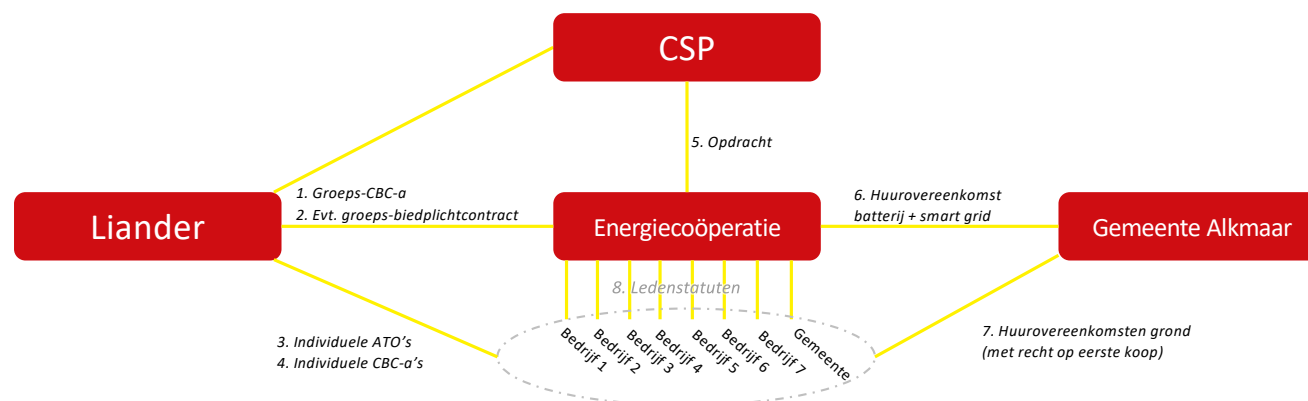
Organisatie



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Samenwerking tussen partijen

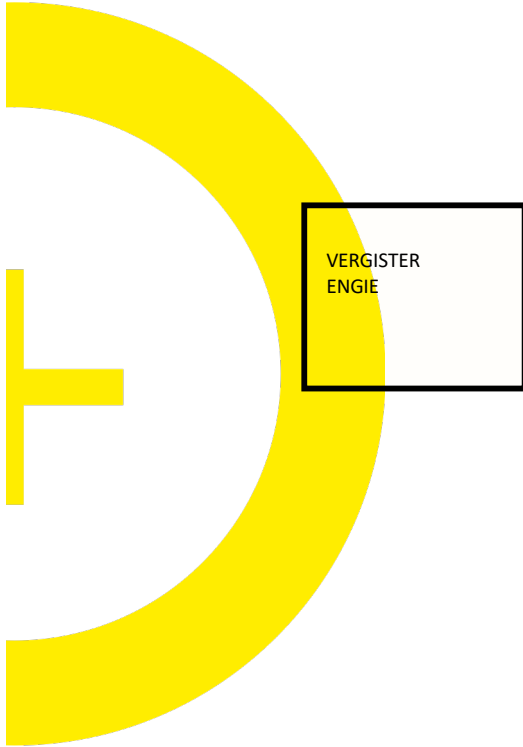


De gele lijnen geven overeenkomsten aan.

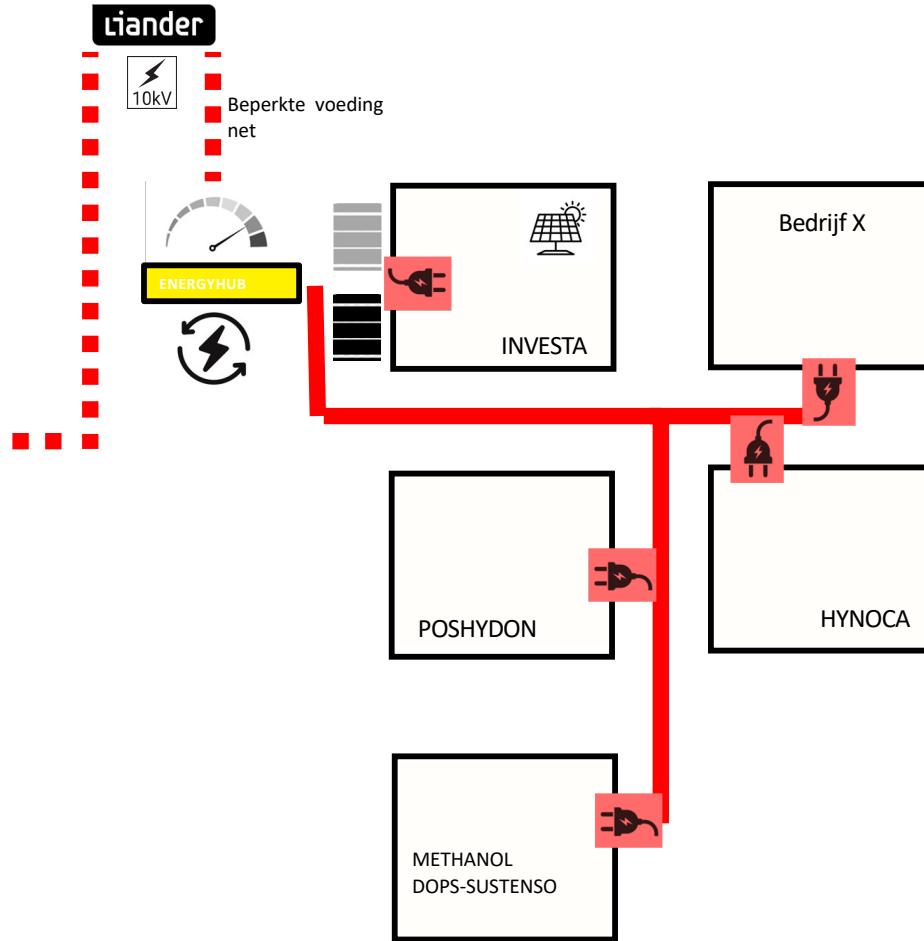


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VERGISTER
ENGIE

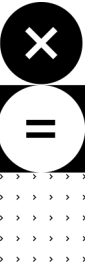
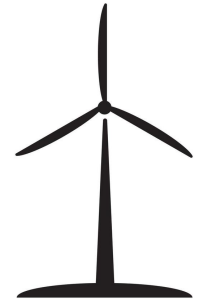


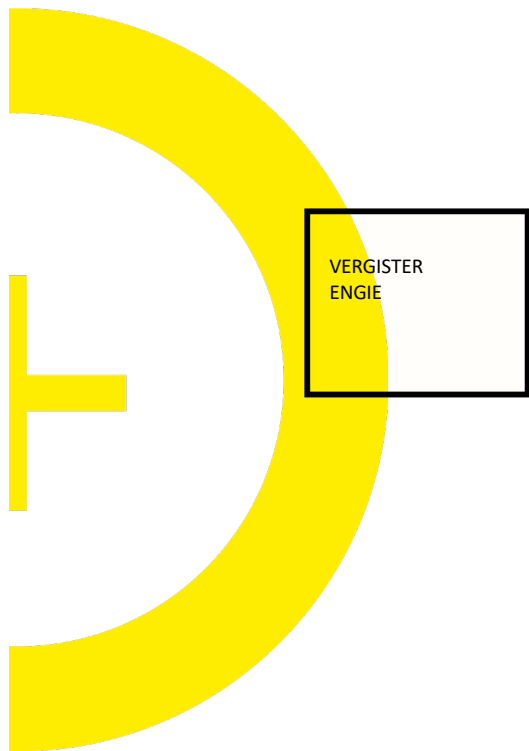
1^e CONCEPTUEEL MODEL VLES INVESTA – INDICATIEF –

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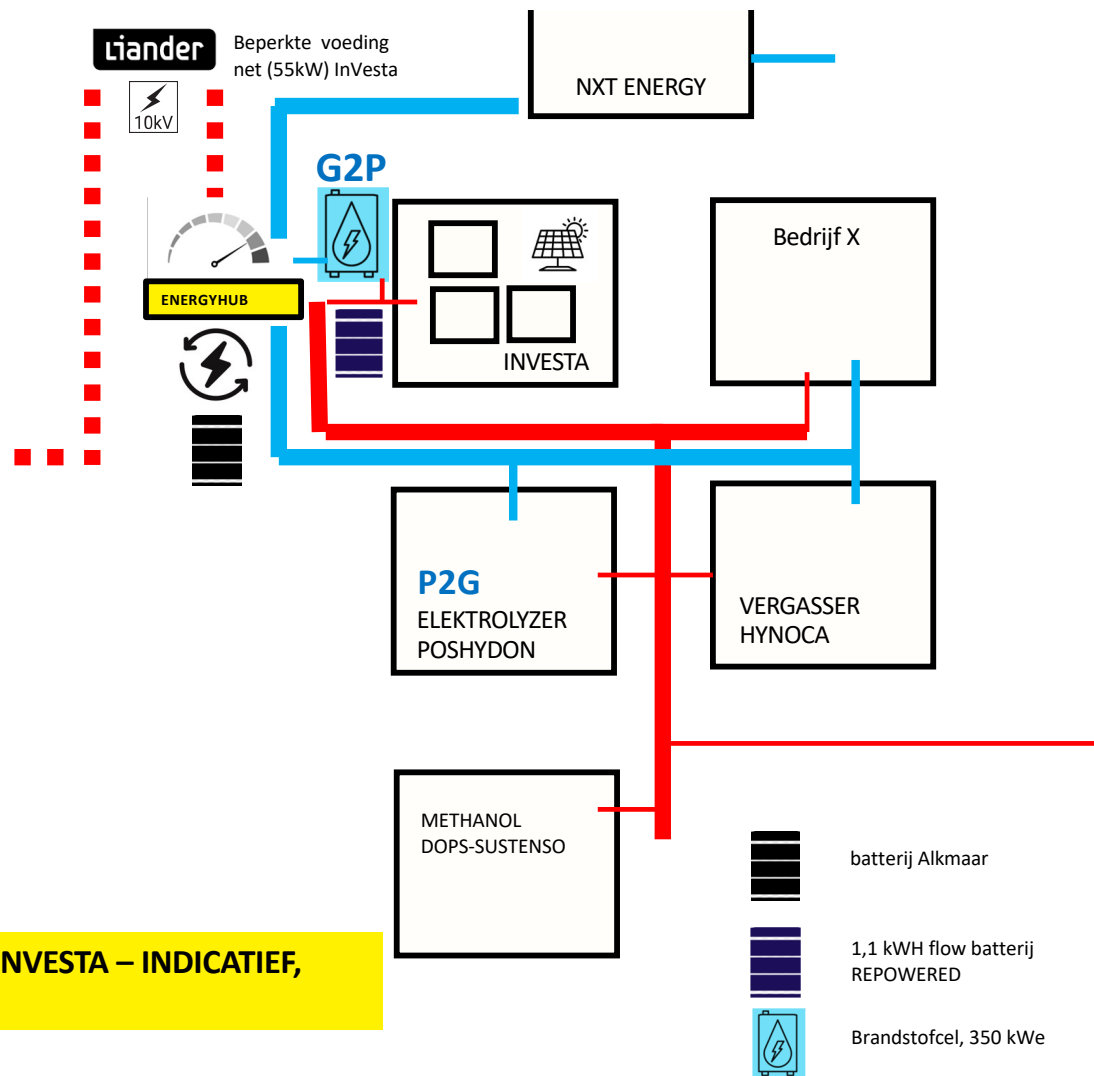




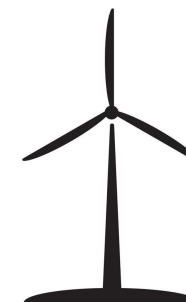
VERGISTER
ENGIE

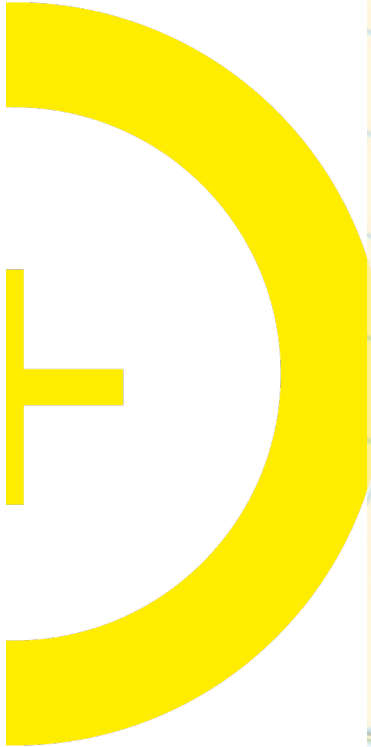
2^e CONCEPTUEEL MODEL VLES INVESTA – INDICATIEF, THANS IN STUDIE

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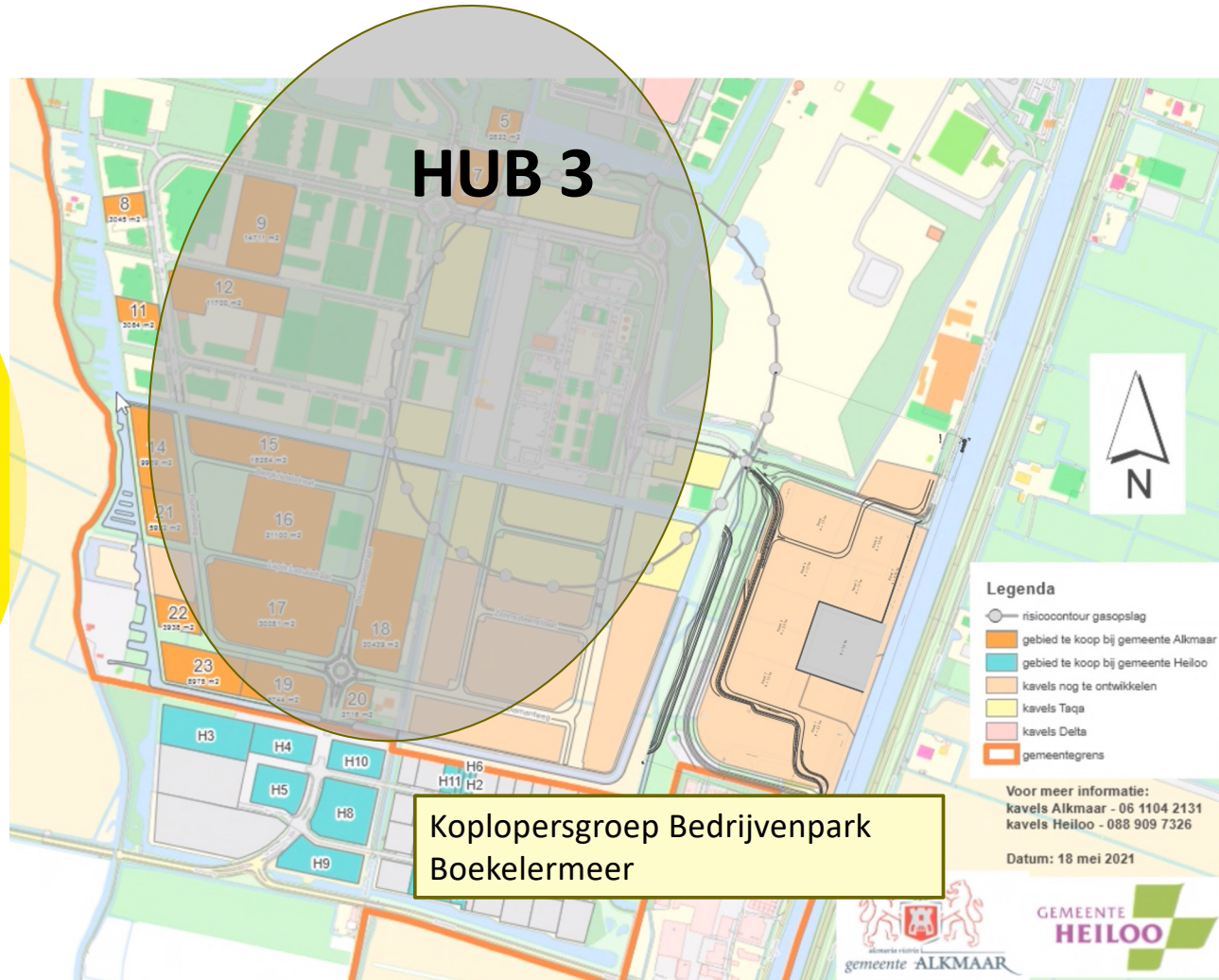
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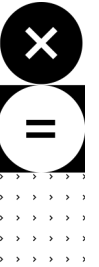


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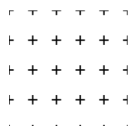
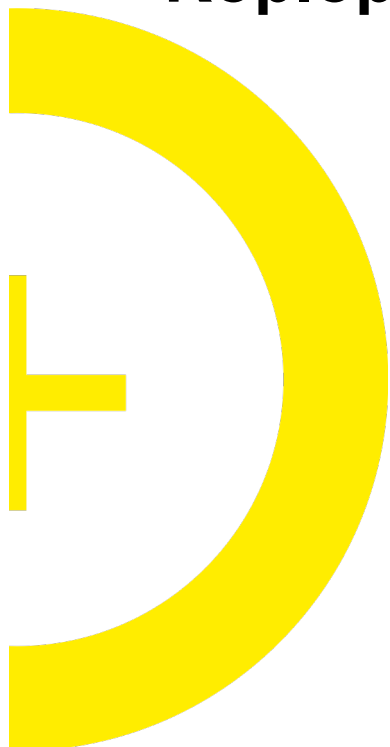
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Koplopersgroep



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Stappenplan voor energiehub



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Renewable energy valley Boekelermeer

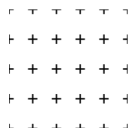
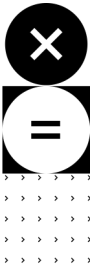
Alkmaar wordt de eerste 'Renewable Energy Valley' van het EU-REFORMERS-project en zal als voorbeeld dienen voor de te ontwikkelen energieknooppunten verspreid over heel Europa.

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Flagship Valley Energy-innovation demonstrations



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Einddoel : integratie van energiehubs

