Dominiek Vandewiele

How did LECSEA facilitate a take-off of energy communities in the 2-Seas Region?

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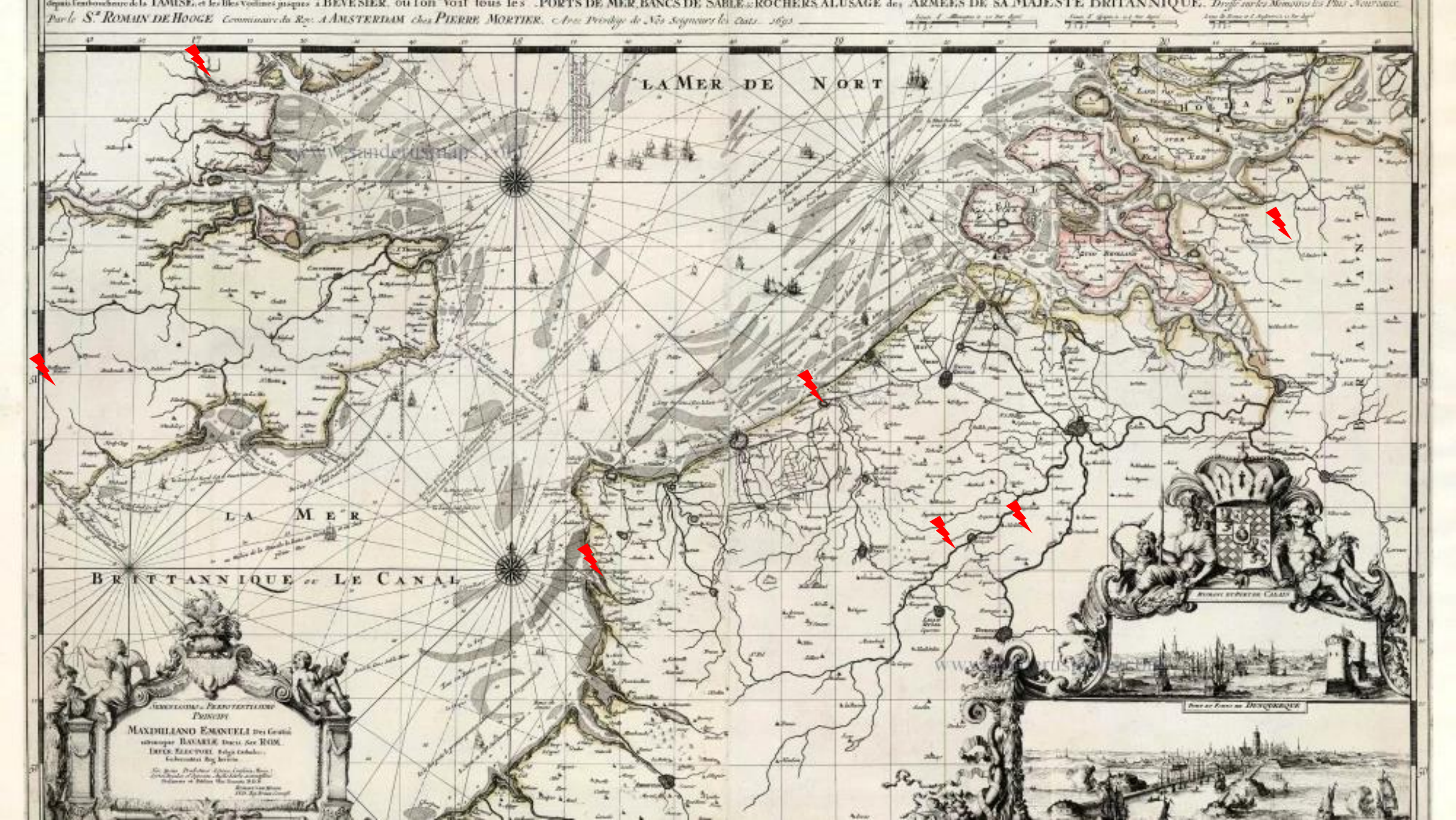
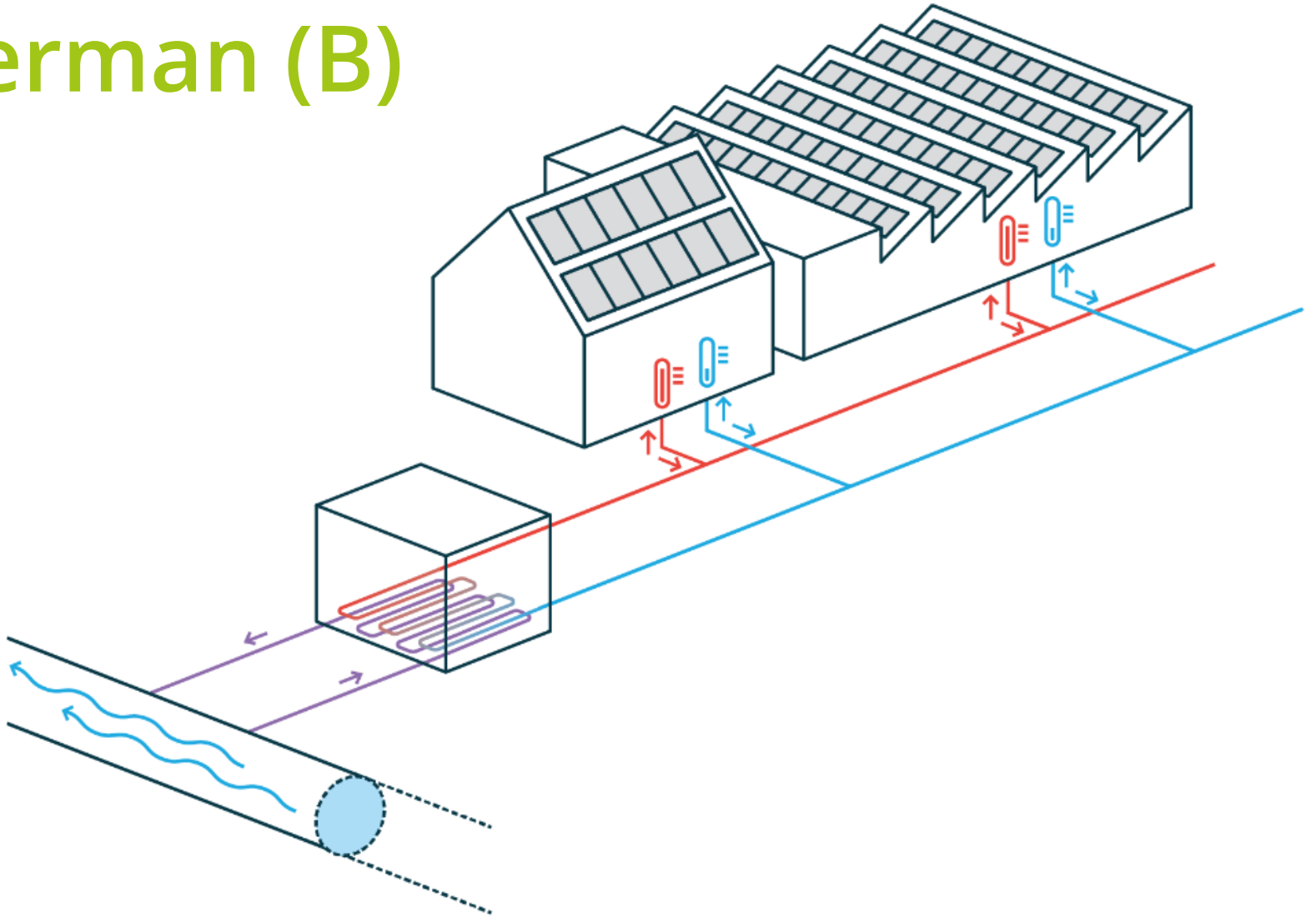
depuis l'embouchure de la TAMISE, et les Iles Voolines jusques à BEVESIER, où l'on voit tous les PORTS DE MER, BANCS DE SABLE, ROCHERS A L'USAGE des ARMÉES DE SA MAJESTÉ BRITANNIQUE. Dressé sur les Memoires les Plus Nouveaux

Par le S.r ROMAIN DE HOOGE Cosmitaire du Roy. A AMSTERDAM chez PIERRE MORTIER. Avec Privilege de Nos Seigneurs les Etats. 1693



De Voerman (B)



De Voerman (B)

De Voerman (B)

- Brownfield development
- Low temperature district heating
- Heat from main drinkwater pipe
- Energy community of all users will own and manage the district heating infrastructure

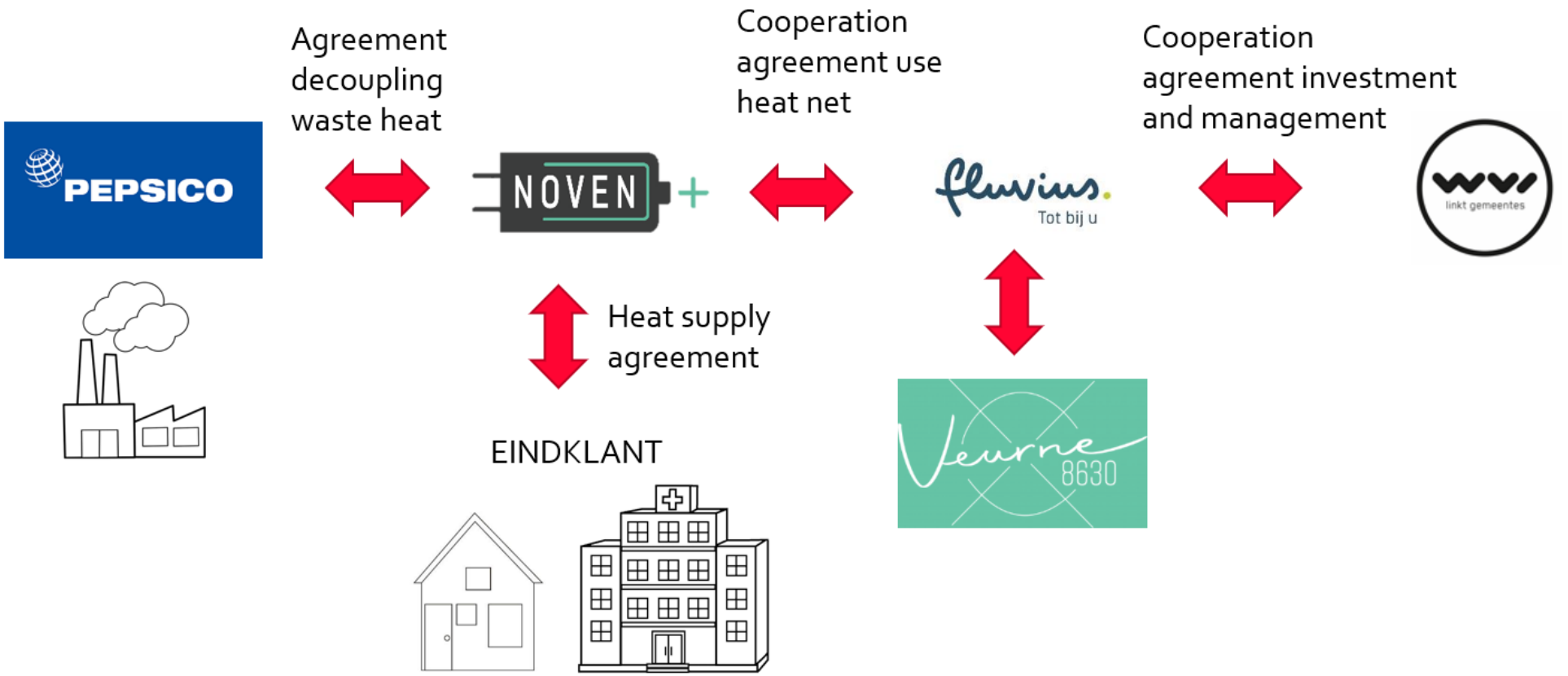
Suikerpark Veurne (B)

Missing link Heatnet Veurne (B)

Suikerpark Veurne (B)

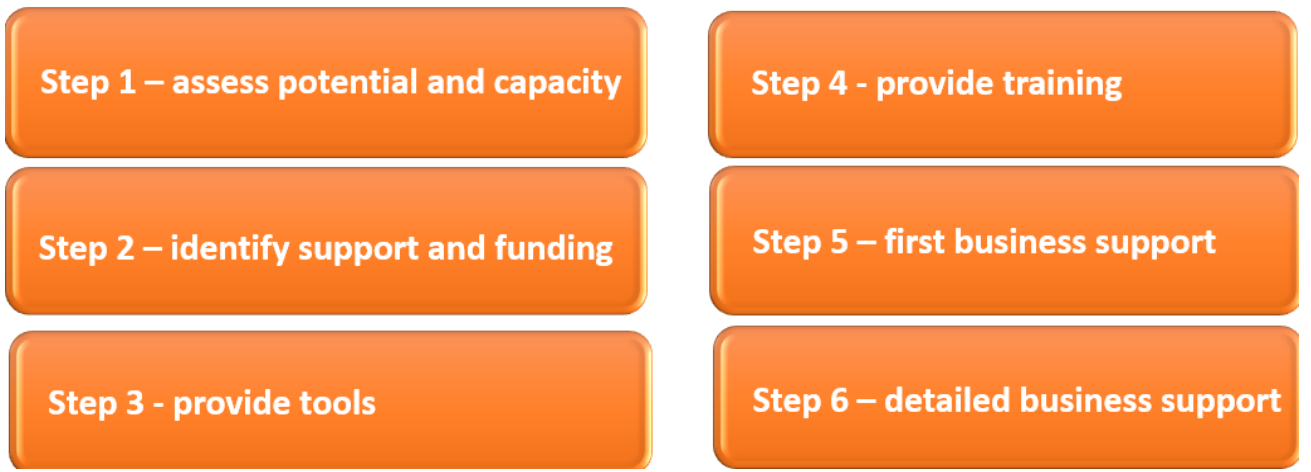
- Large residential development
- Use of industrial waste heat for heating of dwellings
- Transport grid + distribution grid
- New ways of cooperation amongst stakeholders

Suikerpark Veurne (B)



Community Energy (UK)

Community Energy (UK)



Community driven energy projects that are led by people, groups and organisations in the communities that the projects are based in.

Groups are getting support.

Danbury outdoor centre: solar PV on public building – lessons learned.

As in EU, UK has legal options for citizens to cooperate on energy production.

Saint-Martin-Boulogne (F)

Saint-Martin-Boulogne (F)

- Social housing area of Pas-de-Calais Habitat
- Solar energy via flexible modules
- Collective Self Consumption project: energy sharing around the PV-installations
- Inclusion of tenants in the energy transition
- Tenants have reduced energy bill

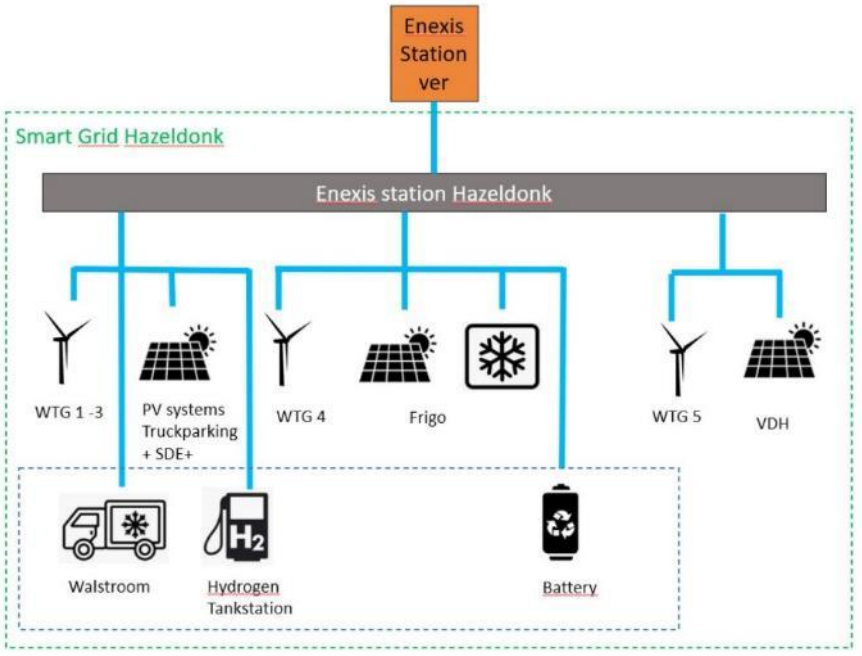
Ostend Science park (B)

Ostend Science park (B)

- Gas free science park
- Ambition to maximize renewable energy & establish an energy community
- Ambition to involve an Energy Service Company
- Multiple scenario's developed
- Some achievements, but key barriers were not to overcome

Hazeldonk (NL)

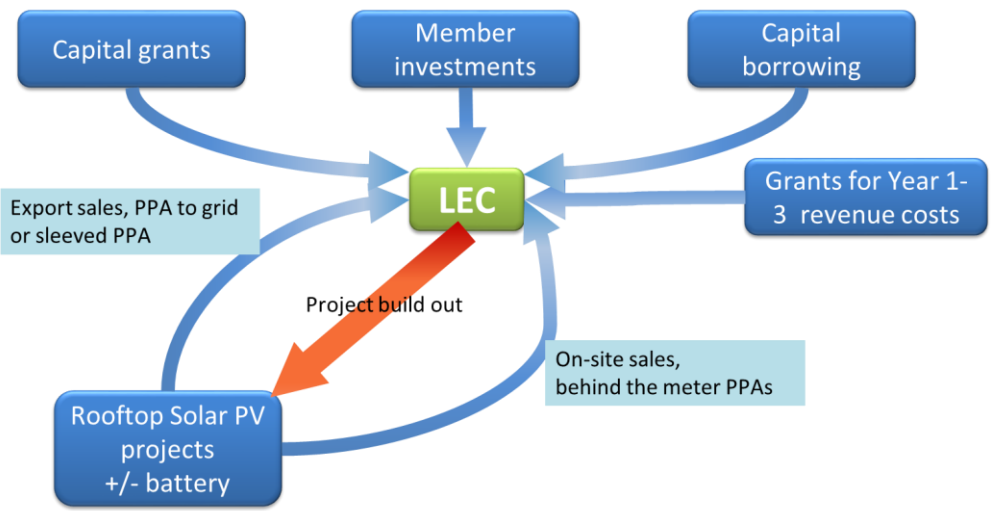
Hazeldonk (NL)



- Business parks
- Local grid congestions
- Extra wind & solar
- DC-backbone & battery system to increase local use
- Cooperation models via existing and new business park structures

Manor Royal Business District (UK)

Manor Royal Business District (UK)



Manor Royal Business District (UK)

- Business park
- Grid congestion issues, no extra capacity for additional renewable energy
- Large scale, 24MW Energy storage facility creates more flexibility in the grid
- Community of businesses coordinates installation of additional solar PV

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