



Hanze
University of Applied Sciences
Groningen



EnTranCe – Centre of Expertise Energy

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Stronghouse 29 March 2023

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EnTranCe
ENERGY TRANSITION CENTRE

Energy Academy Europe

Introduction

- Daisy G. Tempelman,
 - Professor legal aspects of the energy transition
 - Cofounder VIEN (Association for women in energy northern Netherlands)
 - Cofounder DETA (Thinking tank energy transition directions)

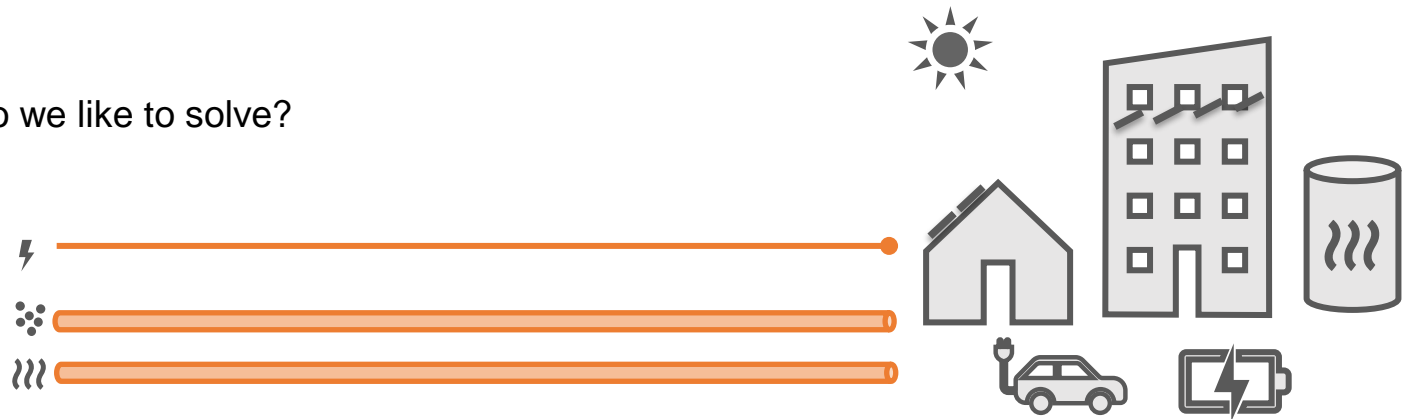








DETA

Denktank Energietransitie Aanwijzingen



Which problems do we like to solve?



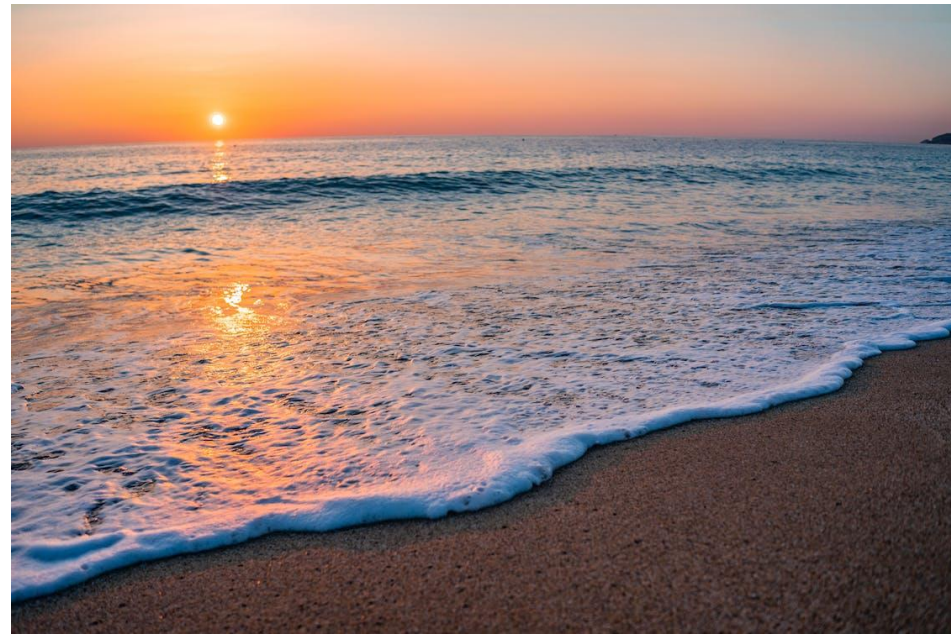
	Local energy	Prevention of unnecessary dragging of energy with energy. Local production, local consumption, leads to less loss and capacity of transport.
	Balancing Supply / demand	Better (local) balance that prevents the use of central control and reserves.
	Season balance	Limiting summer / winter imbalance reduces the need for storage capacity (i.e. gas or heat)
	congestion	Reroute of production and consumption in order to prevent overload of the energy infrastructure.
	conversion	Prevention of unnecessary conversion by choosing the most optimal energy source.
	Isolation	Saving of energy due to isolation of houses

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Dot on the horizon

Deliverables in January 2024

- Internal roadmap for municipalities
 - Overview of various roles that a municipality can choose when a residents' collective reports for storage in the district
 - Overview of legal frameworks within which the municipality can take on these roles

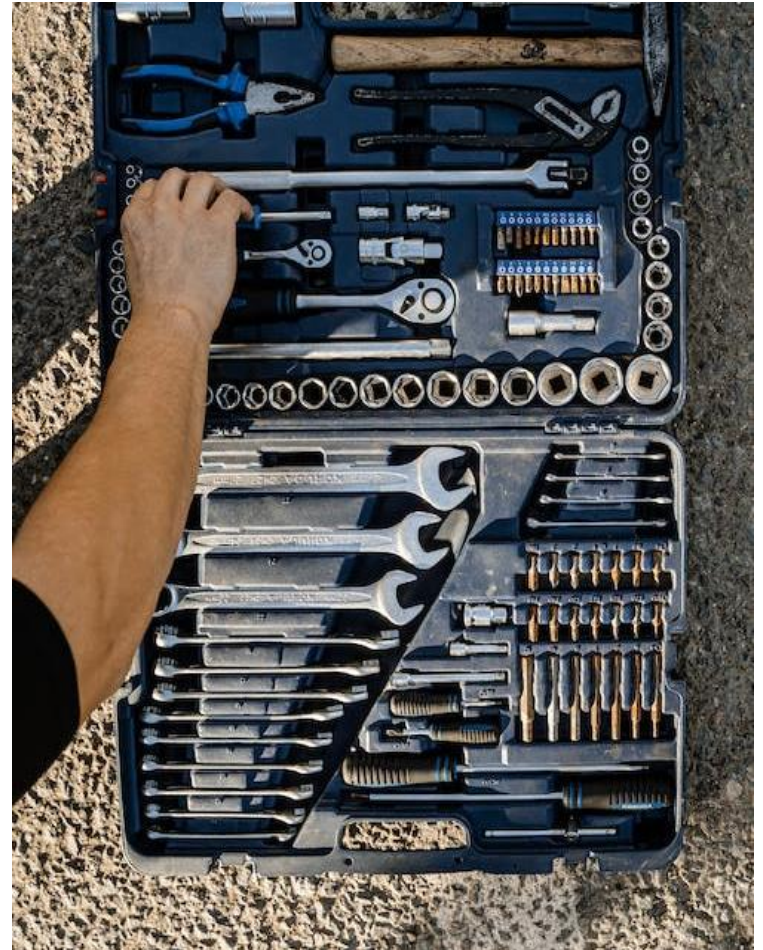


Dot on the Horizon

Deliverables in January 2024

Toolbox to successfully realise the initiative

- Overview of indicators to be able to choose and start the most optimal participation process
- Technical and economic insights mapped and compared that help decide which type of storage is most suitable
- Legal questions that help to organize the storage successfully



But there is more....

Relevance for i.e. hydrogen in the neighbourhood

- The project focuses on energy storage (batteries, water)
 - For technical and economic working package there might be a few elements at best
- However,
 - the municipality still needs to determine how they want to support, facilitate or direct an energy initiative
 - Participation of the residents is still needed
 - Legal questions are still relevant (such as what legal entity is the best option?, who owns what part of the infrastructure and the molecules?)

IF EVERYONE IS
MOVING FORWARD
TOGETHER, THEN
SUCCESS TAKES
CARE OF ITSELF.

- HENRY FORD

[QuotePixel.com](https://quotePixel.com)

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