

TNO innovation
for life



“A sustainable future is a matter of action”

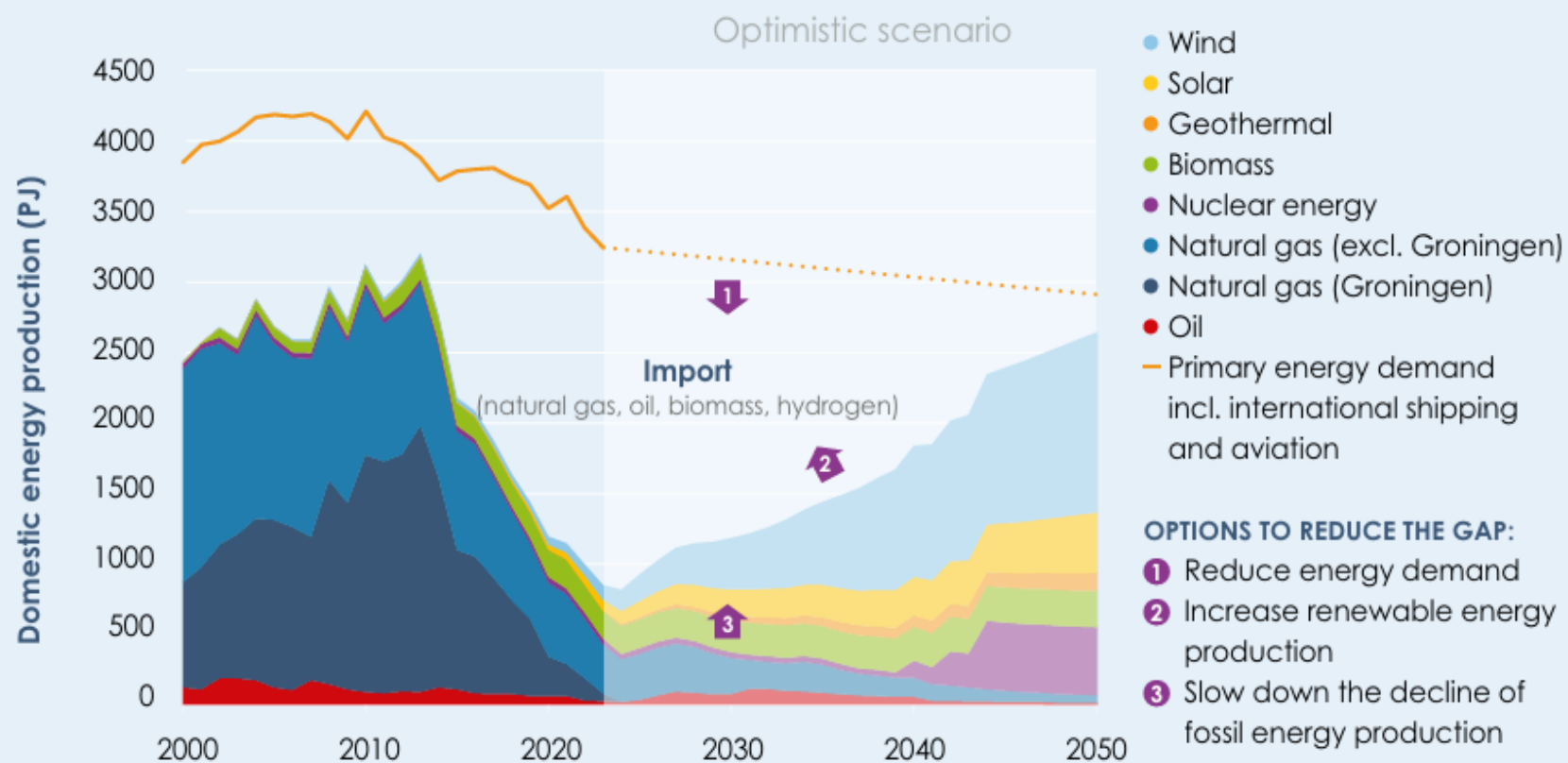


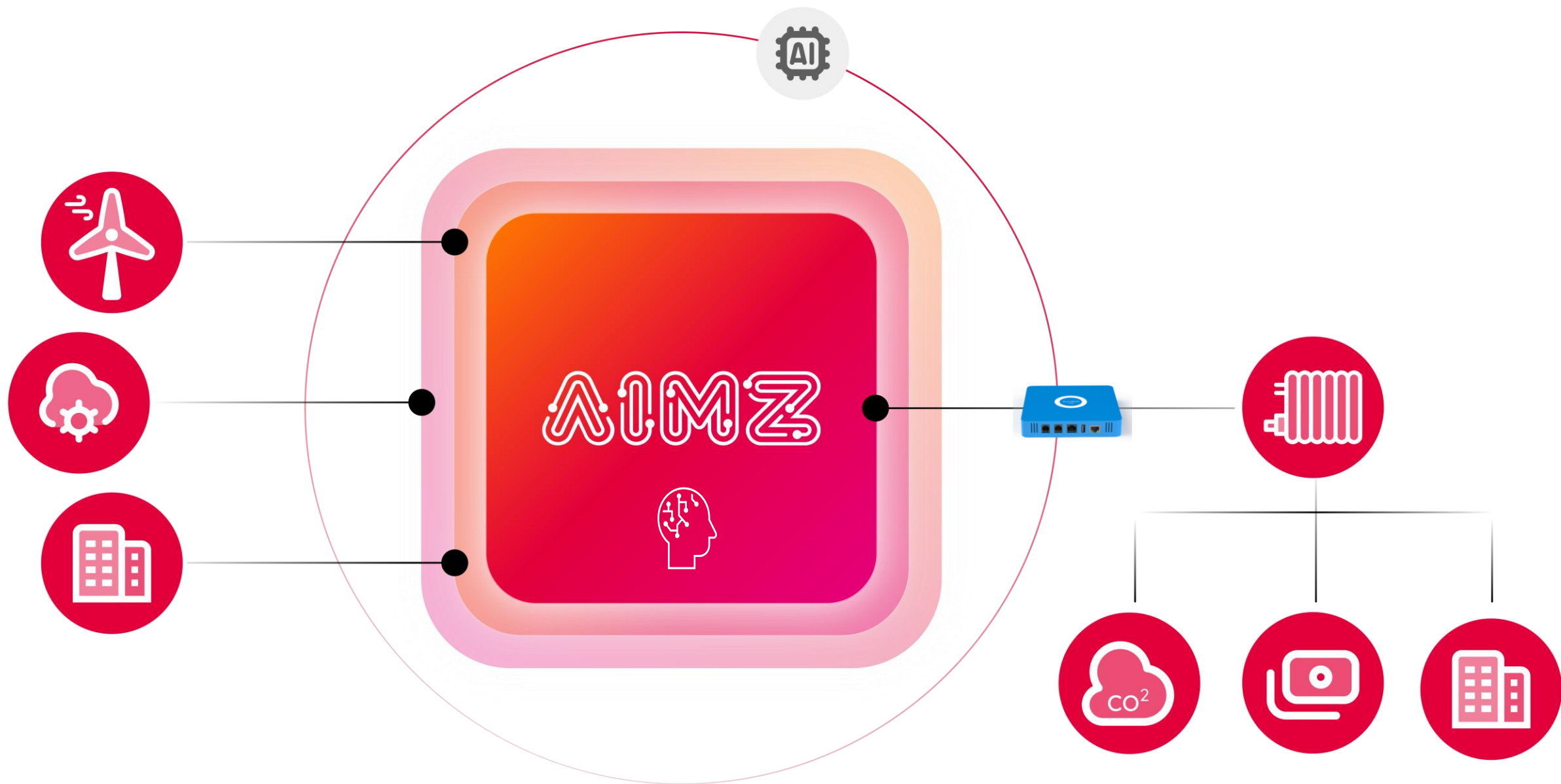


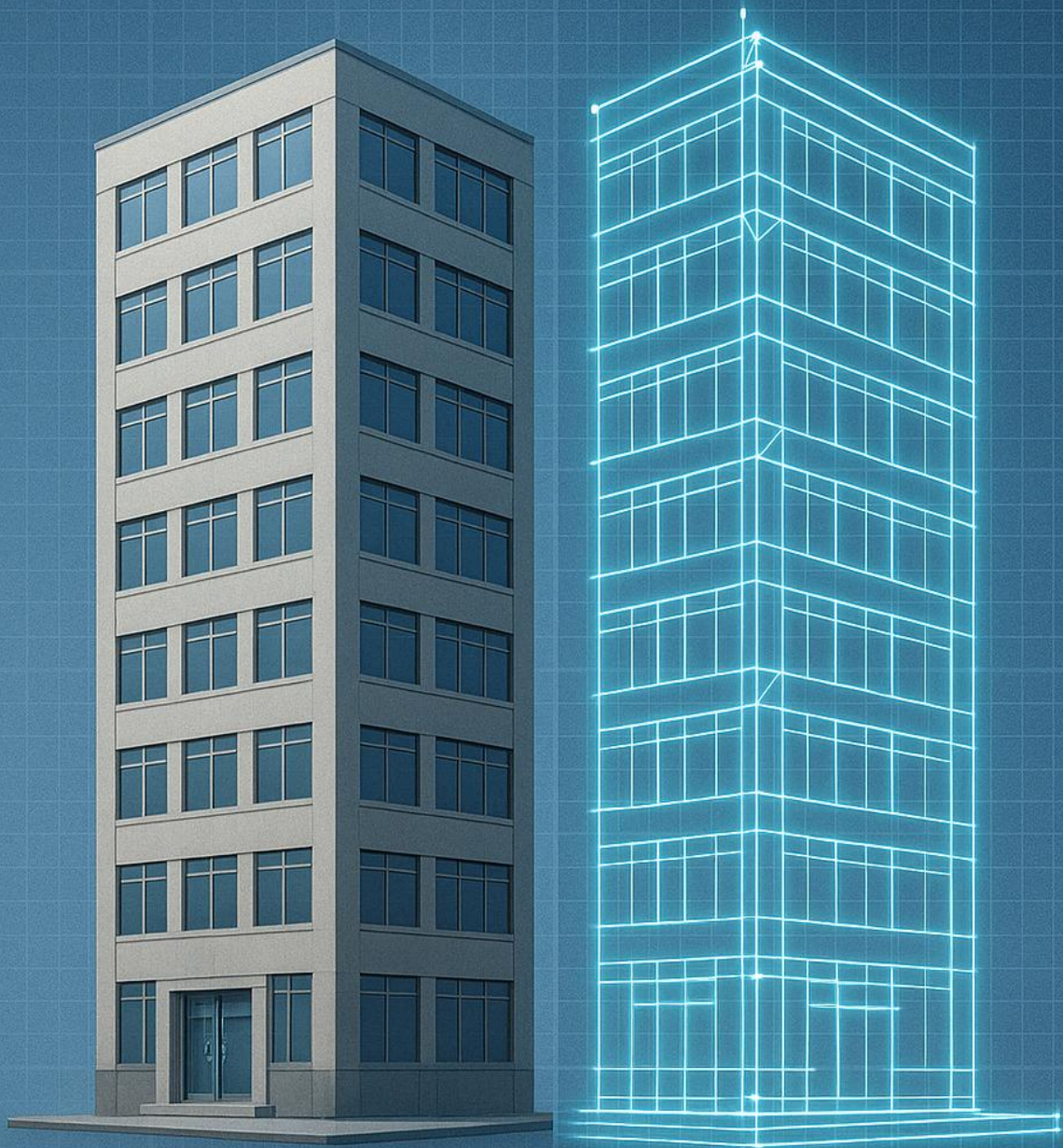
Wat doet AIMZ?



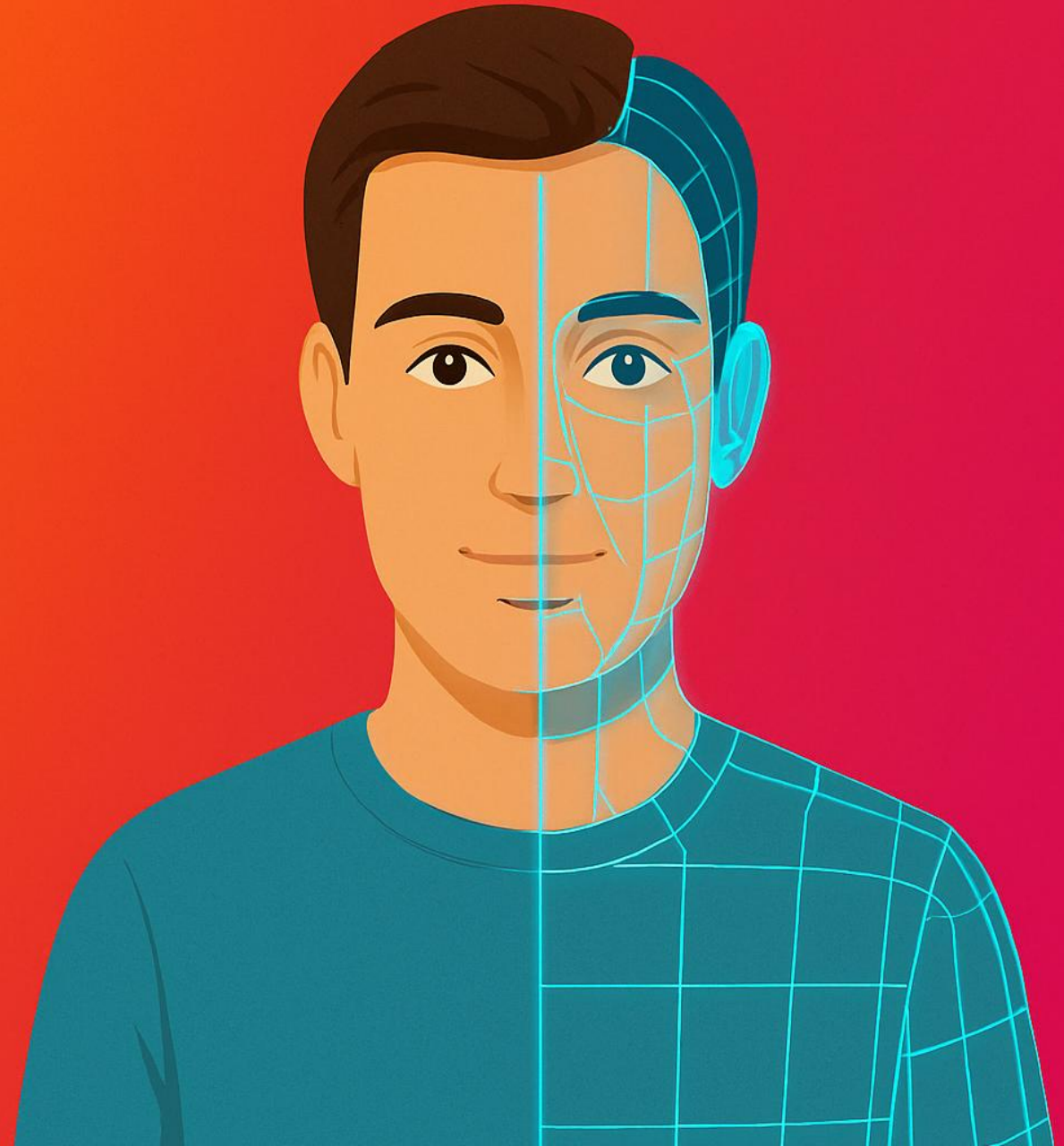
THE IMPORT GAP OF THE NETHERLANDS





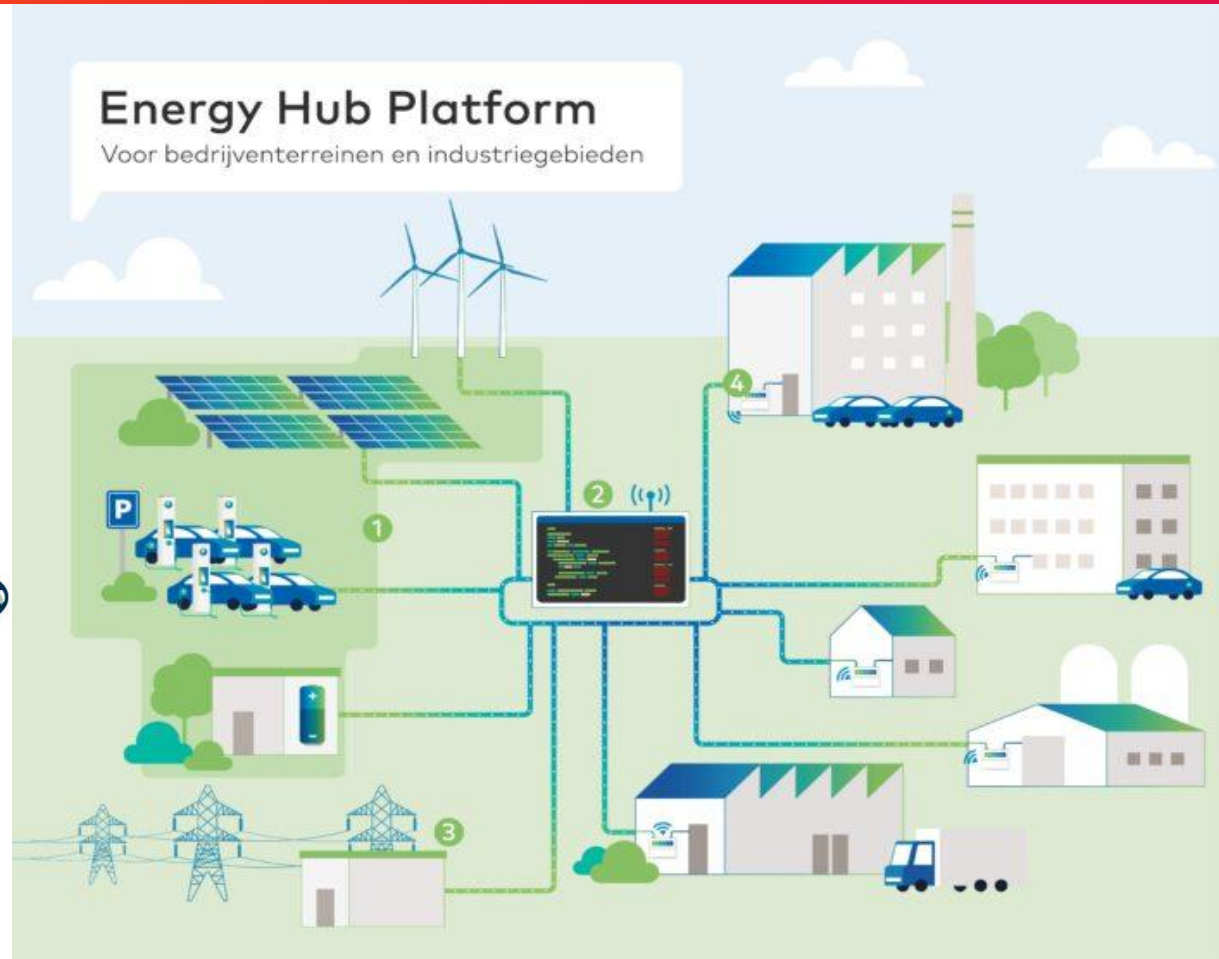
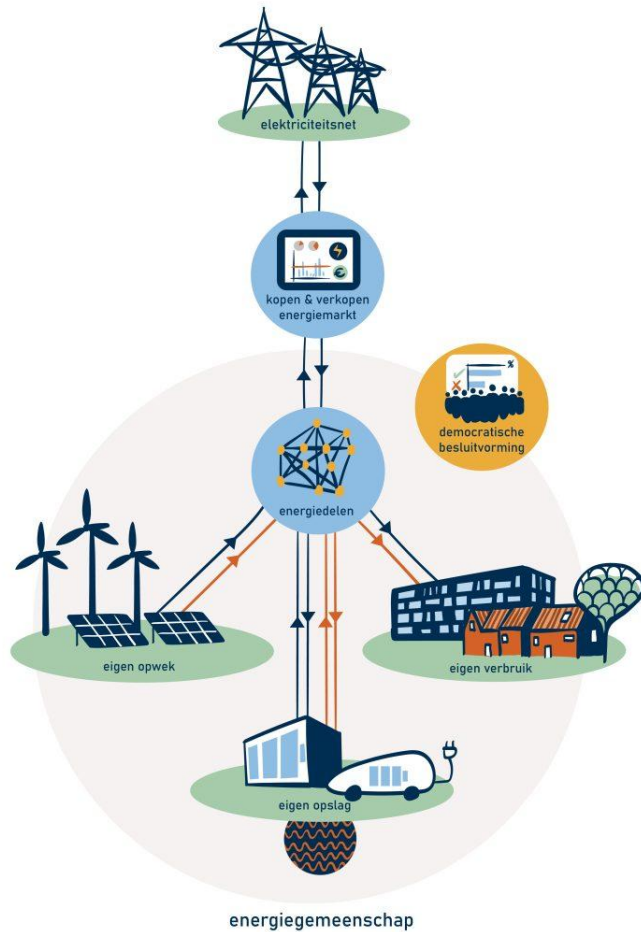


Digital Twin: up-to-date dependent



Avatar: up-to-date independent

Integrate into energy communities and hubs



➤ Controllable

➤ Intelligent

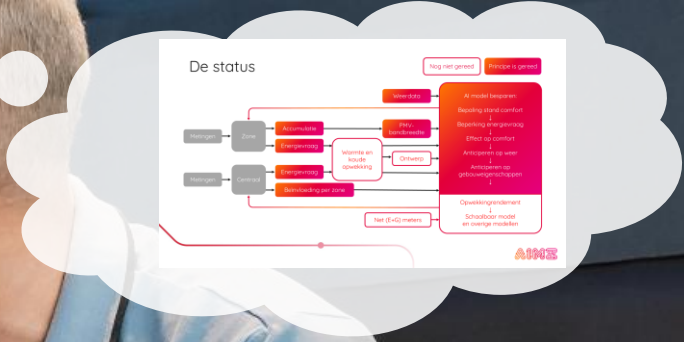
➤ Balancing

➤ Cooperative



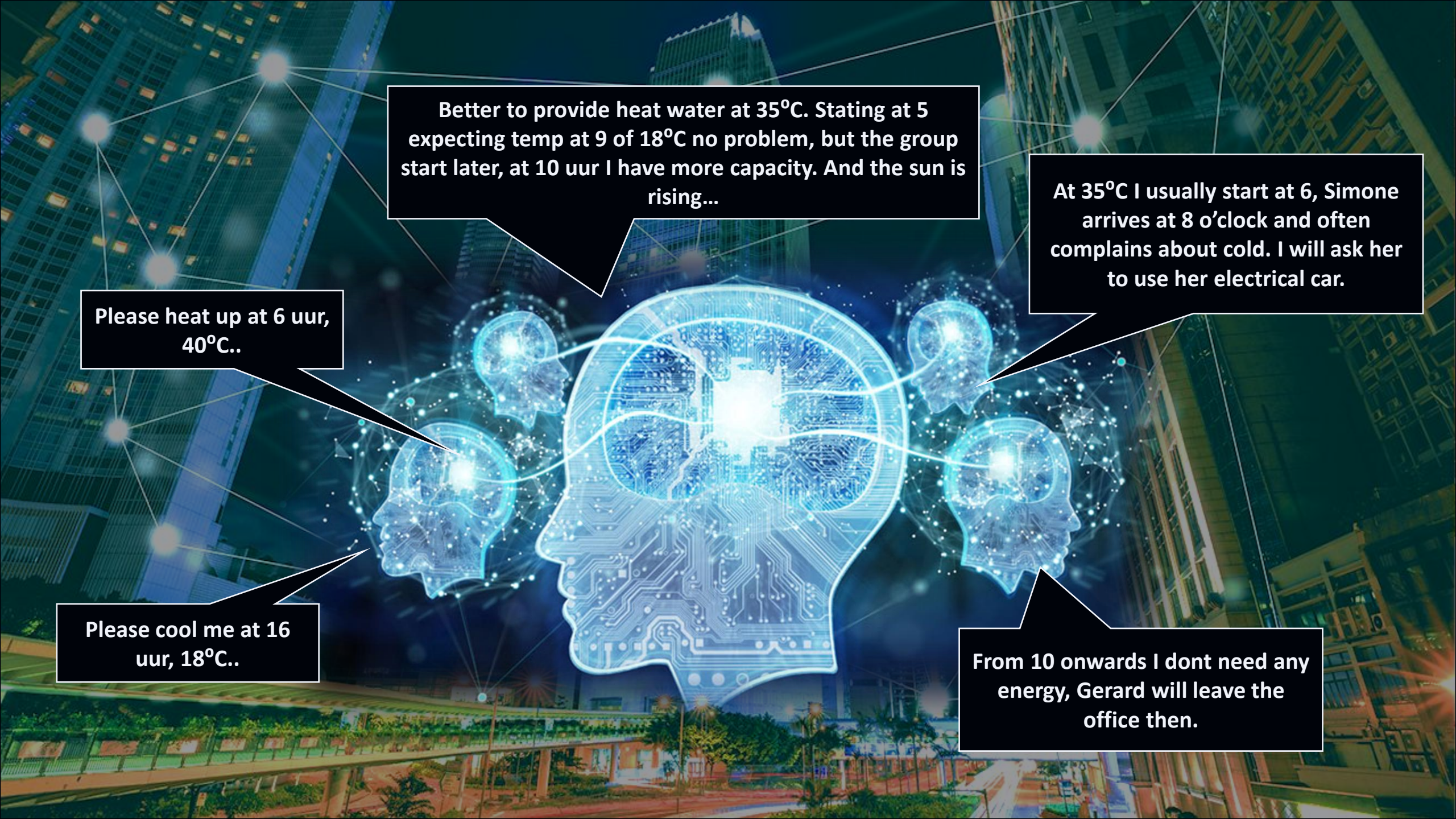


How does TNO
Help AIMZ?



2021





Better to provide heat water at 35°C. Stating at 5 expecting temp at 9 of 18°C no problem, but the group start later, at 10 uur I have more capacity. And the sun is rising...

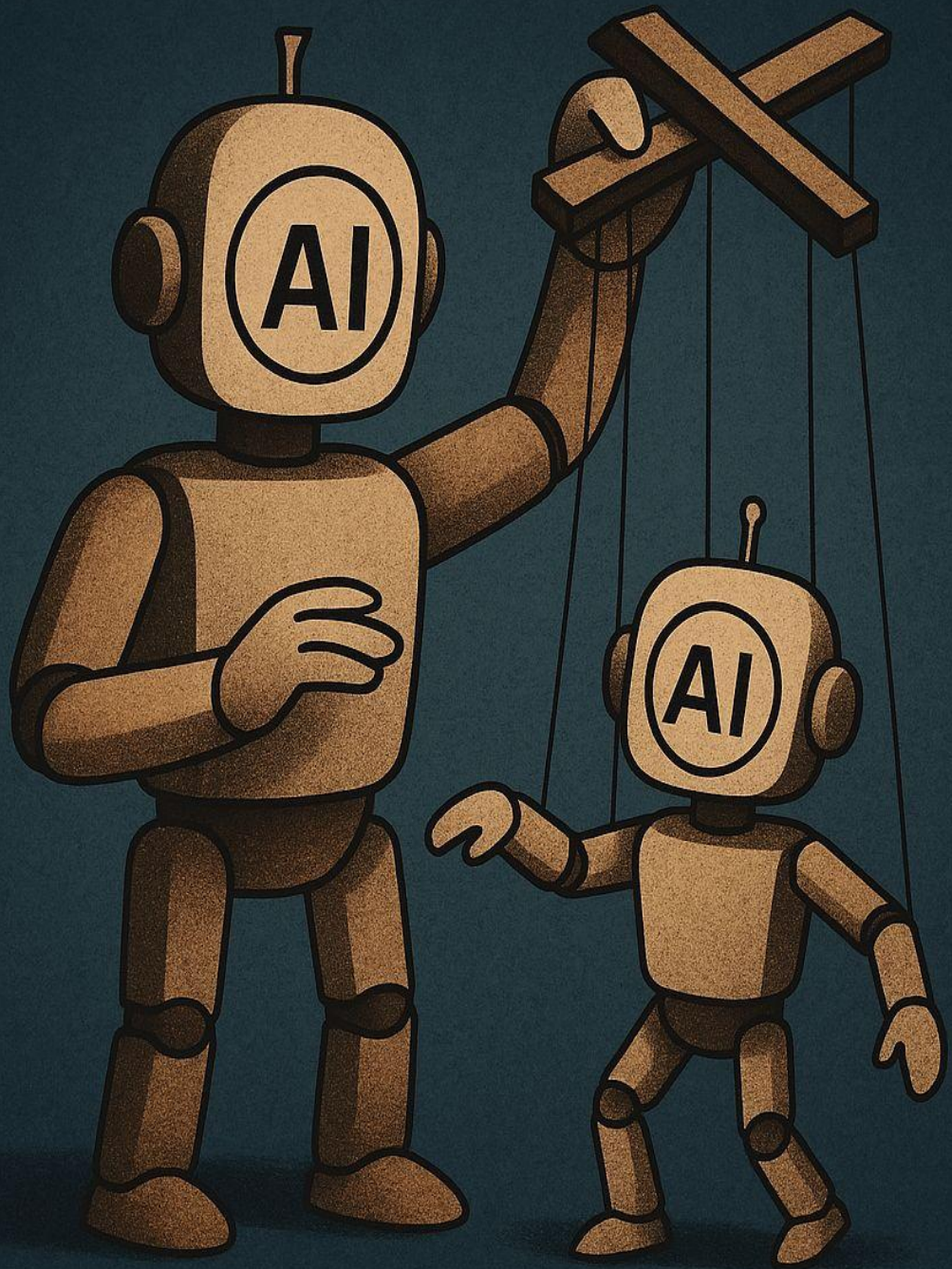
At 35°C I usually start at 6, Simone arrives at 8 o'clock and often complains about cold. I will ask her to use her electrical car.

Please heat up at 6 uur, 40°C..

Please cool me at 16 uur, 18°C..

From 10 onwards I dont need any energy, Gerard will leave the office then.





Challenging

1. Size / Entrepreneurship
2. Grants? Limitations?!
3. too fast?



Challenging

1. Size / Entrepreneurship
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Maintain + Team up

Flex Lab (Aliene)

FUN (Devin, Jasper)

Students (Isabelle)

Business Development (Herman)





Data spaces



Data spaces



Complementary Skills

TNO

Academic insights

Long term

EU acts and standardization

Branch oriented

AIMZ

Practical insights

Short term

Direct customer impact

Flexible



TNO and AIMZ Team-up

TNO Support

1

AI Development

Agentic AI
Interaction with humans



2

Green Data Spaces

Controllable Data sharing
Interoperability, Data and AI act



1. Practice what you preach
2. B2B? Mutual dependency
3. Do it !

A sustainable future ...
is a matter of action !

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