

# Ecovat energy storage system

We give the future an energy system without fossil fuels.



Ing. A.W. (Aris) de Groot – Founder and managing director  
Berlin - 21 October 2015



Ecovat gives the future an  
energy system without fossil fuels





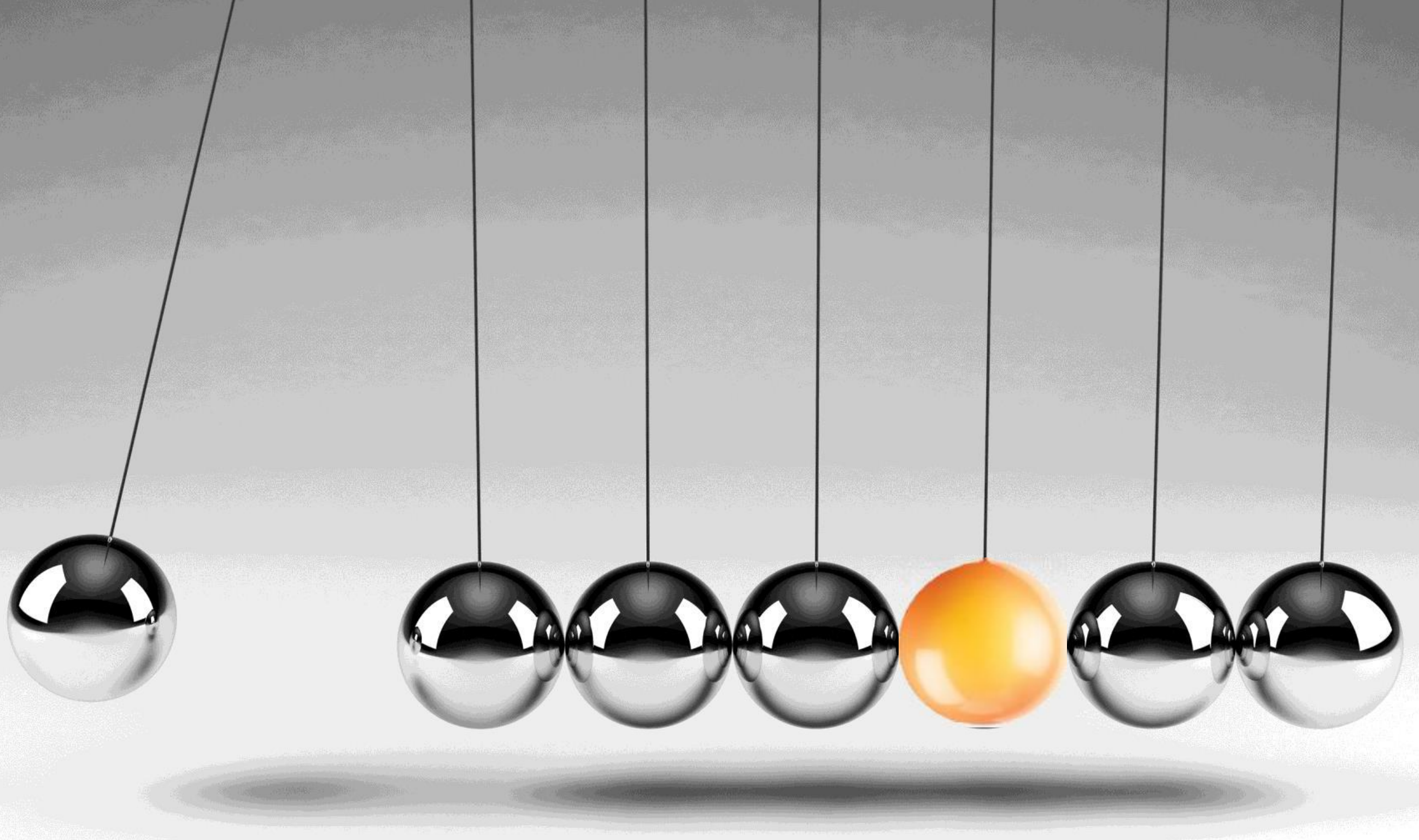
Clean energy makes the grid unstable







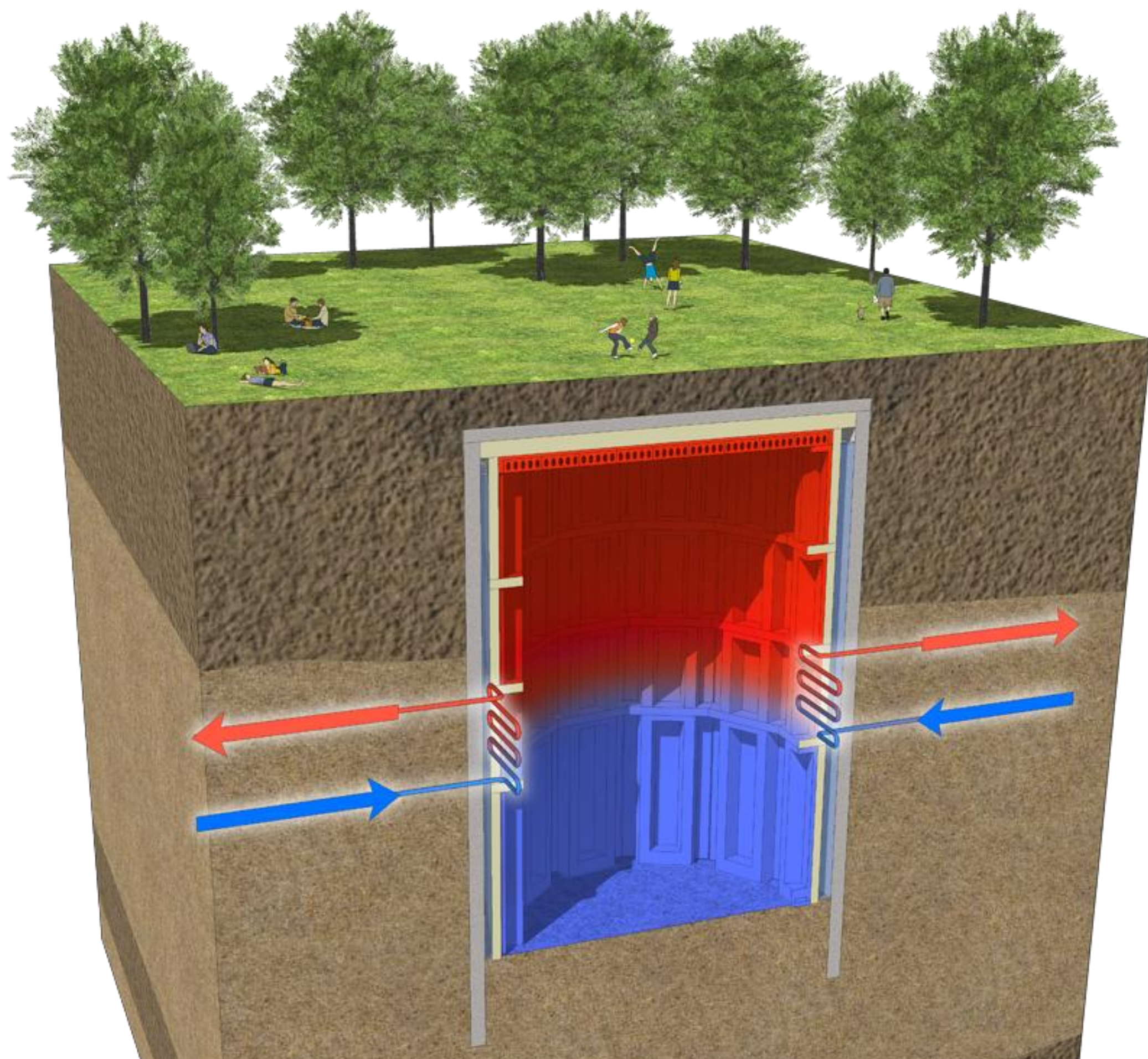
and fossil fuels fill the gaps



one golden egg moment

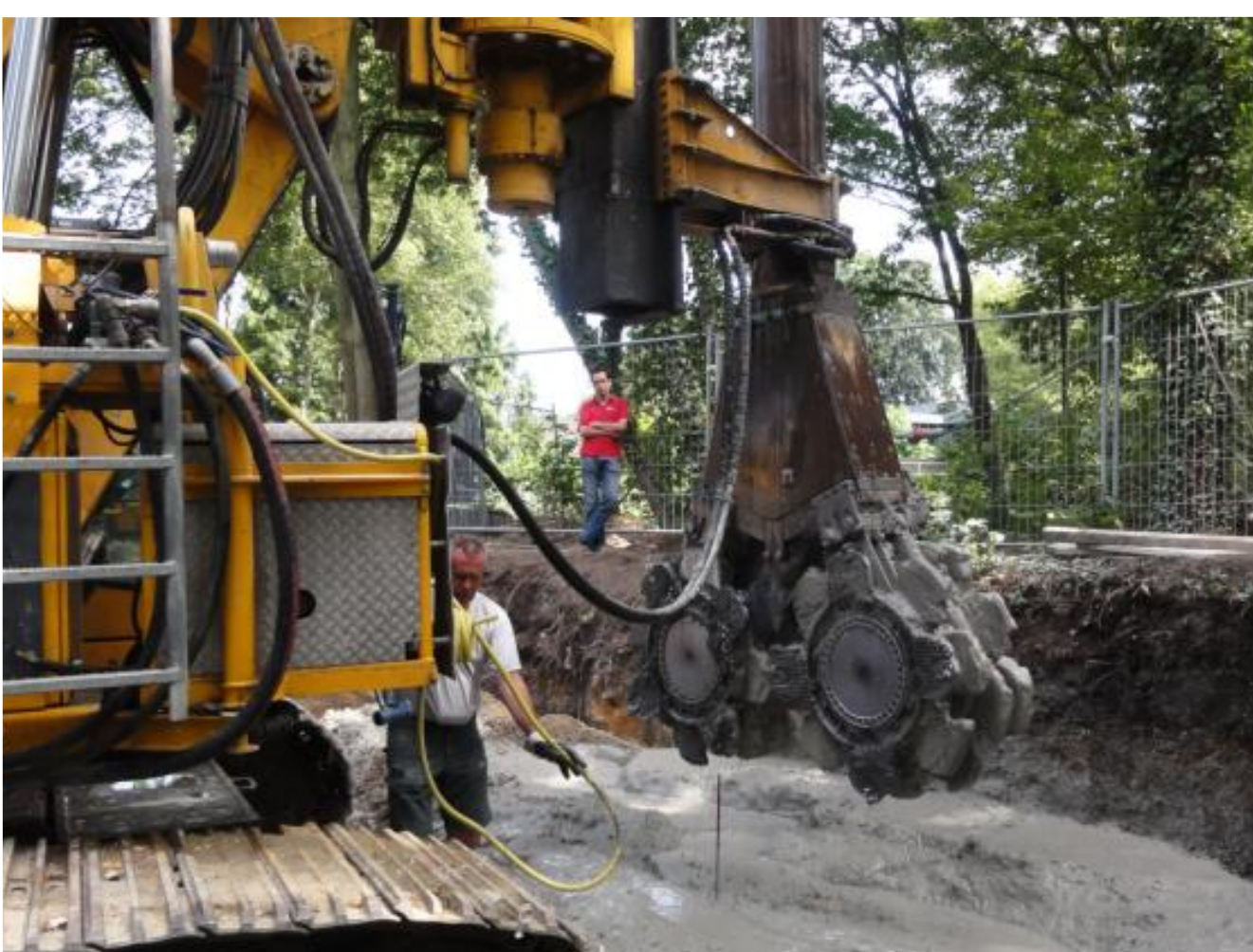
Ecovat is the first  
energy storage system  
that can store 125 °C  
with > 90% efficiency  
over 6 months





Full demo ready  
end of this year







Production ready  
and operational



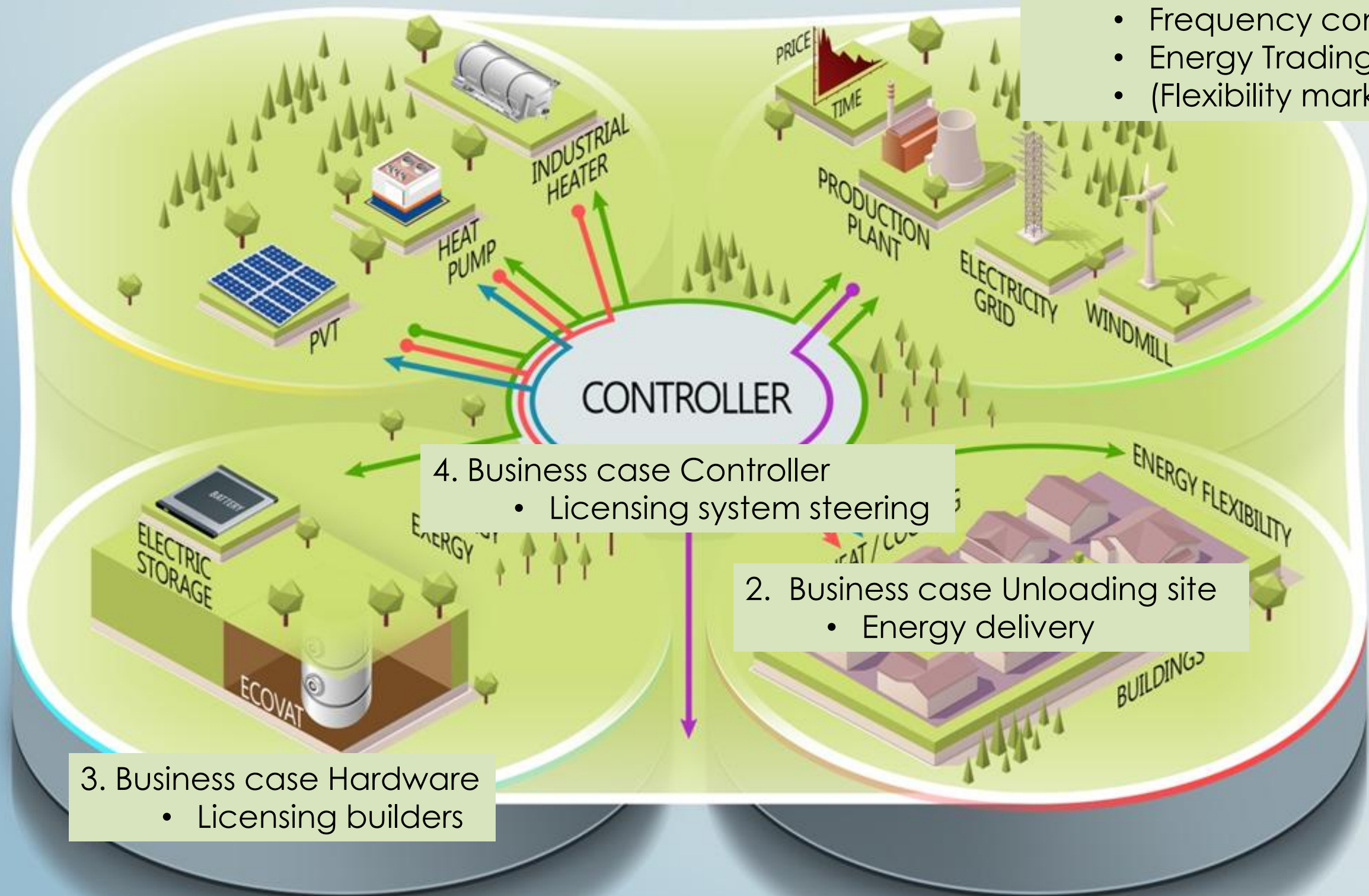




Business cases



1. Business case Loading site
- Frequency control
  - Energy Trading
  - (Flexibility market)



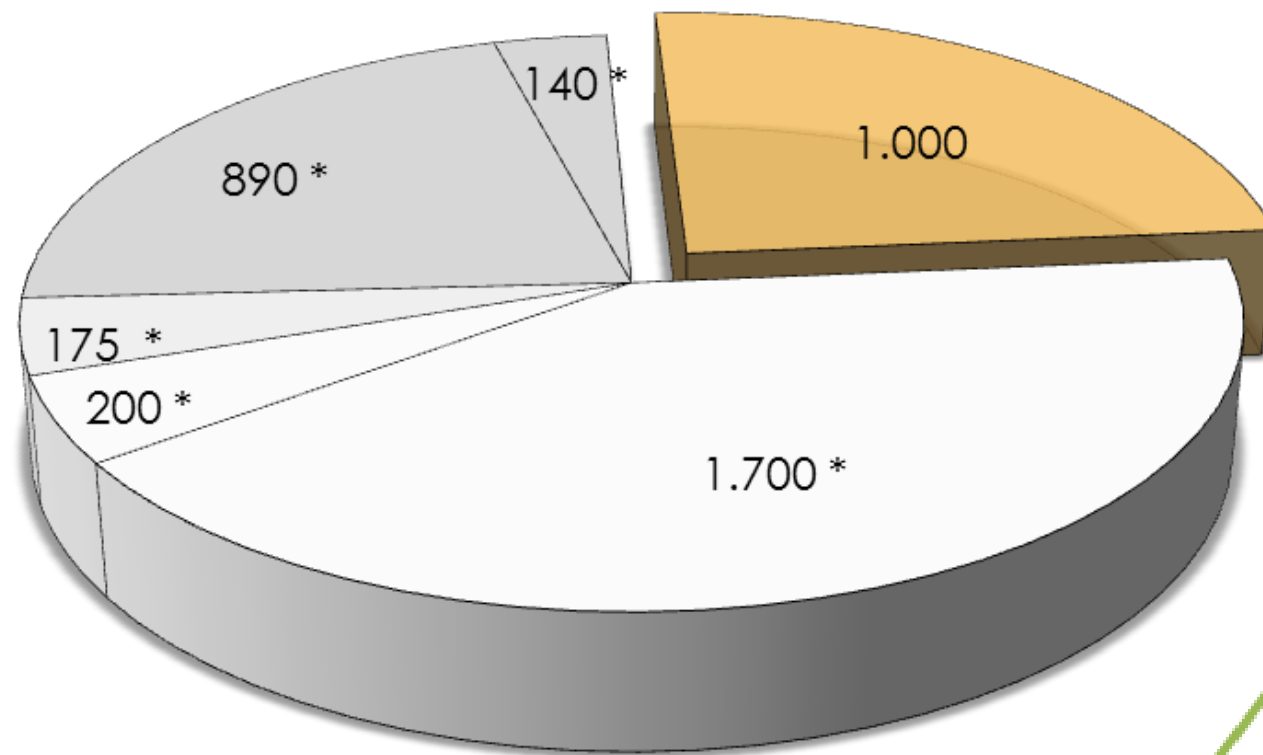
4. Business case Controller
- Licensing system steering

2. Business case Unloading site
- Energy delivery

3. Business case Hardware
- Licensing builders



# Funding



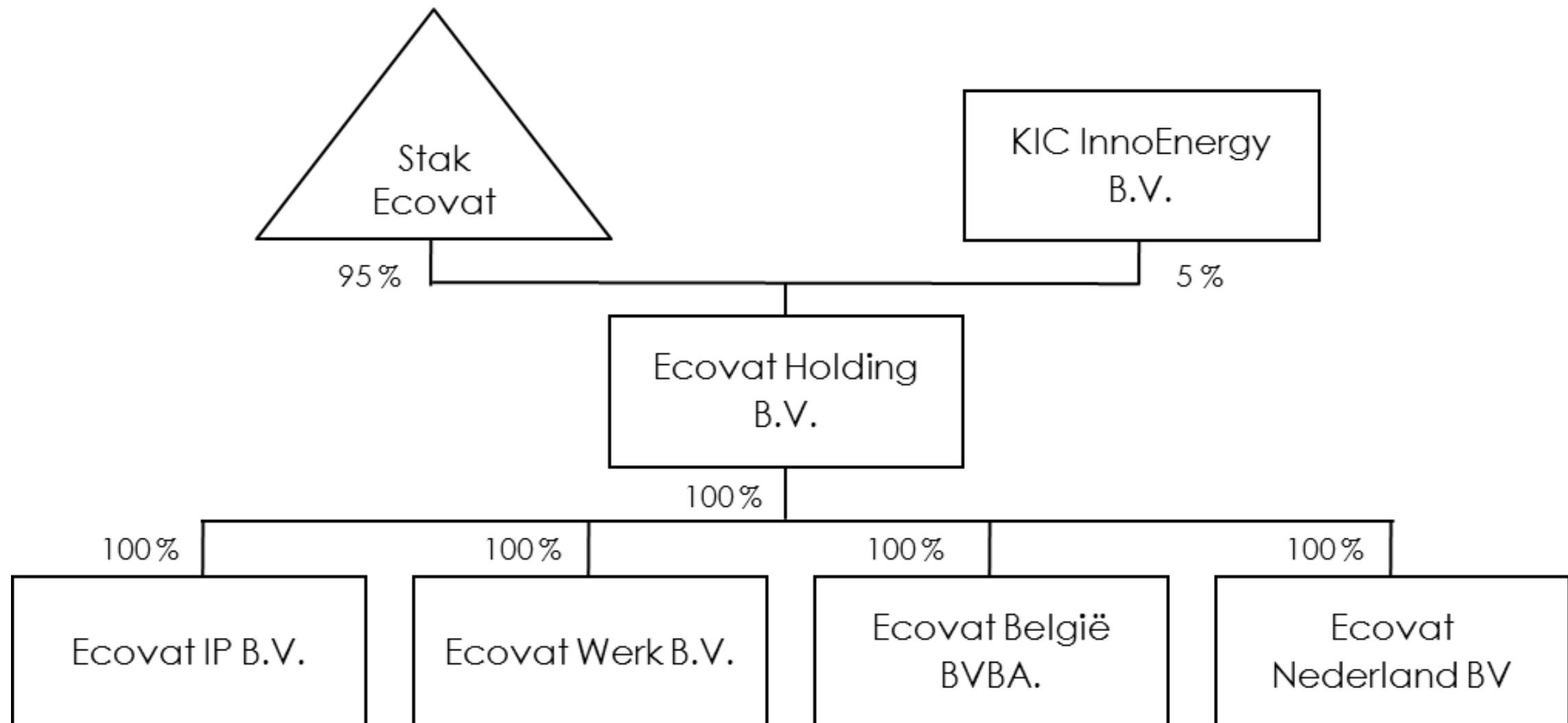
\* realized

- A.W. de Groot prive 2008/2014 \*
- A.W. de Groot prive 2014/2015 \*
- KIC fase 1 2014/2015 \*
- Subsidies 2014/2015 \* (deels ontvangen)
- Leningen Ondernemerslift/TOP Twente 2015 \*
- Ongoing: Subsidies/participaties/leningen

Pre-seed and seed						Growth				Internationalisation and Maturity												
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		



# Business structure





# An experienced team is everything



Assistant technics  
and sales TU/e

Finance, risk and  
control

Founder and  
managing director

Sales and marketing  
NL en BE

Software algorithms  
programmer

Bookkeeping

## Advisory Board:

### International cooperation and relations

- Dr. Ir. Wim van Helden - AEE INTEC - Institute for sustainable technologies

### Thermal and internal performance

- Dr. Ir. Jacob van Berkel – Technical University Eindhoven – Entry technology



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energy system without fossil fuels







YOU'RE WELCOME!





**Ecovat® Renewable Energy Technologies**

Loopkantstraat 7a | 5405 NB Uden | Netherlands

+31 (0)413 334141 | M +31 (0)651386511 | [info@ecovat.eu](mailto:info@ecovat.eu) | [www.ecovat.eu](http://www.ecovat.eu)



# Thank you Any questions?

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