



Energy Program Organon Oss

Stan van Hastenberg – Sustainability Lead

At **Organon**, we believe in a **better and healthier every day for every woman**.

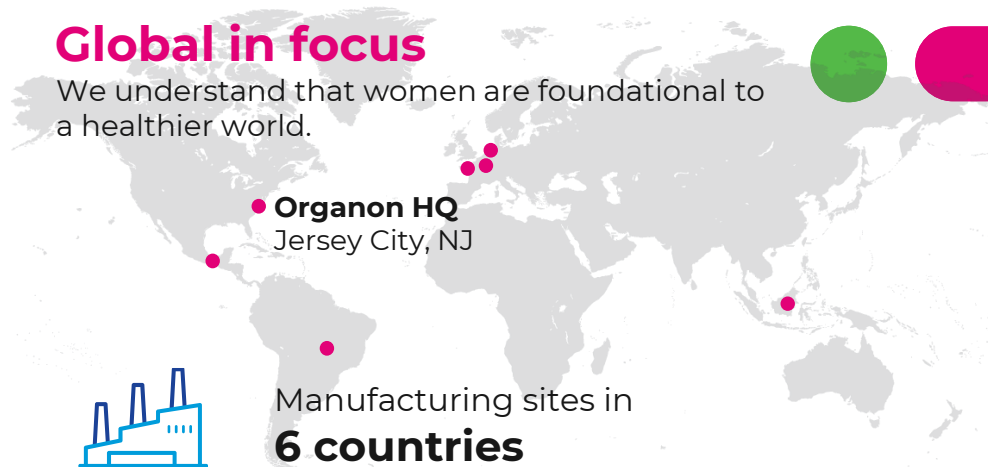
Therefore, we will put women at the center of everything we do, striving to listen and understand her healthcare needs, big and small, to ensure we provide medicines and other products that allow her to live a better and healthier every day.



Organon has a diverse portfolio that includes women's health, biosimilars and established brands.

Global in focus

We understand that women are foundational to a healthier world.



Manufacturing sites in
6 countries



~10,000
employees



Medicines and other products
are available in more than
140 markets



A portfolio of more than
60 medicines and products
across a range of therapeutic areas

Site fact sheet Organon Oss



Employees

- 1100 Employees
- 15% Flex / Perm ratio
- 44% Female
- 40% < 5 Years tenure
- ~6% Employee turnover



Technology

- World class analytical & micro labs
- Extrusion technology
- Medical device & combination products
- Primary & secondary packaging
- State of the art sterile facility
- Expertise in handling OEB 4/5



Capabilities

- 57.000 m² GMP best-in-class facilities
- > 3 billion Contraceptive tablets a year
- > 40 million Sterile vials/year
- > 20 million Contraception rings/year
- > 14 million Contraception implants/year



Business

- ~1800 SKU product portfolio
- Significant site contribution to the Organon business
- Reliable supply to >110 countries
- ISO 14001 & ISO13485 certified
- Strong external audit track record

Site overview Organon Oss



CO

Formulation & packaging
Solids, Steriles, Contraceptive
medical devices



CO8

Storage
facility



CQ

Quality Operations
Analytical &
Micro labs



KA/KR

Global Support
Functions &
Meeting rooms



CP

Formulation
Steriles,
Contraceptive medical devices



Sustainability is becoming more and more important in society



United Nations Sustainability Development goals

Corporate Sustainability Reporting Directive European Union

Sector-Agnostic Standards				SECTOR-SPECIFIC STANDARDS (coming later)
Cross cutting standards	Topical standards			SME-PROPORTIONATE STANDARDS (coming later)
	Environment	Social	Governance	
ESRS 1 General principles	ESRS E1 Climate change	ESRS S1 Own workforce	ESRS G1 Business Conduct	
ESRS 2 General disclosures	ESRS E2 Pollution	ESRS S2 Workers in the value chain		
	ESRS E3 Water & marine resources	ESRS S3 Affected communities		
	ESRS E4 Biodiversity & ecosystems	ESRS S4 Consumers and end-users		
	ESRS E5 Resource use and circular economy			

For Organon environmental sustainability is an important topic

ENVIRONMENT

ENVIRONMENT

Elevate our commitment to environmental sustainability, addressing issues disproportionately impacting women, to secure



While the ongoing climate crisis impacts the world at large, its effects are enhanced by pervasive gender inequality - disproportionately burdening women. We know a healthy planet is essential to the health of women, for today and for generations to come.

At Organon, we are working to implement environmentally friendly practices and long-term sustainability across our supply chain and key focus areas, to ensure that we are contributing to positive change for women everywhere.

Key Areas of Focus

Greenhouse Gas Emissions

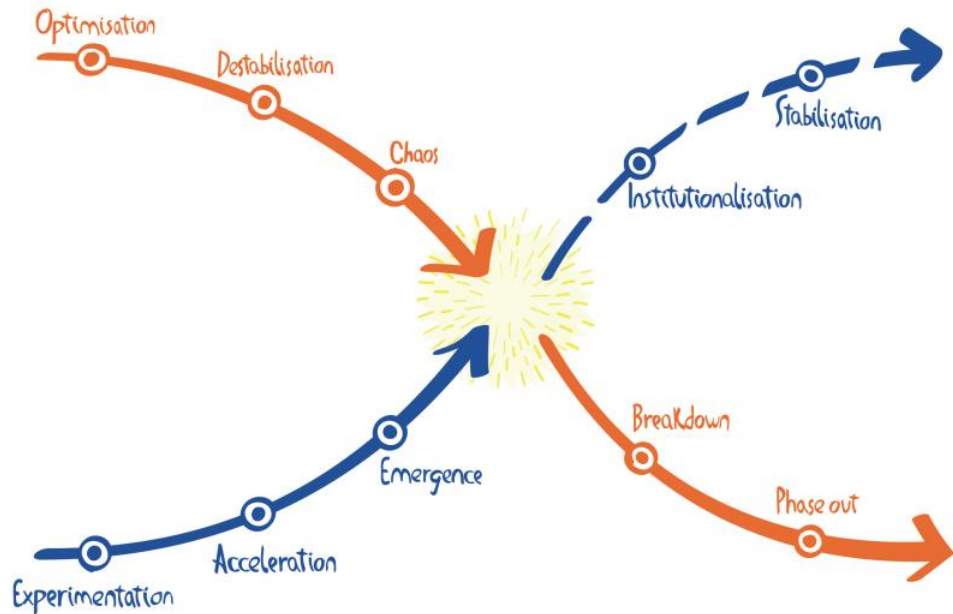
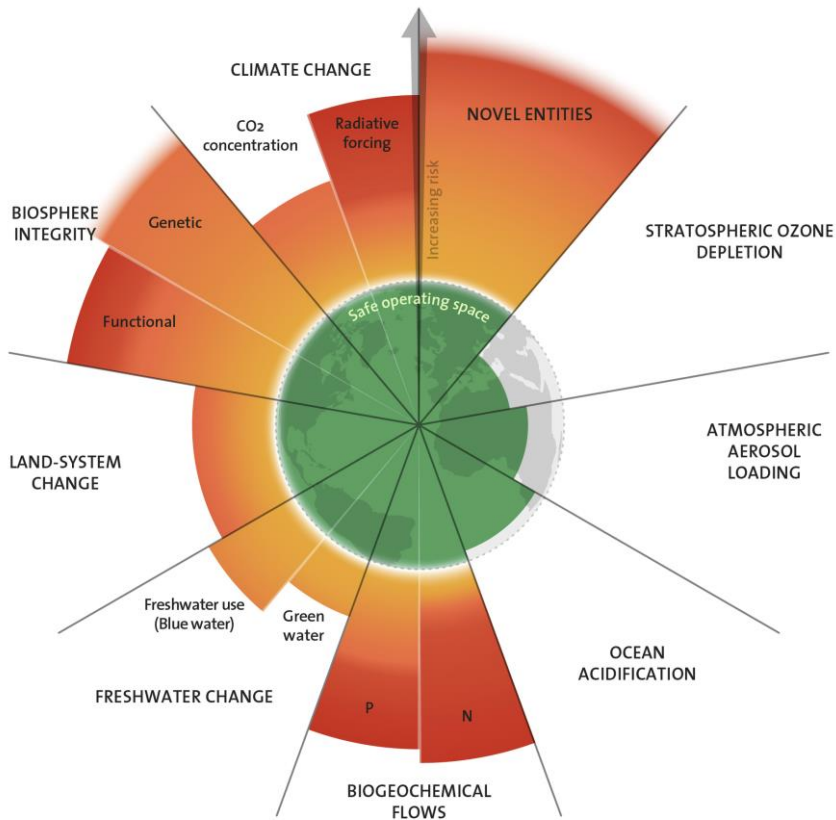
Materials (Waste)

Water

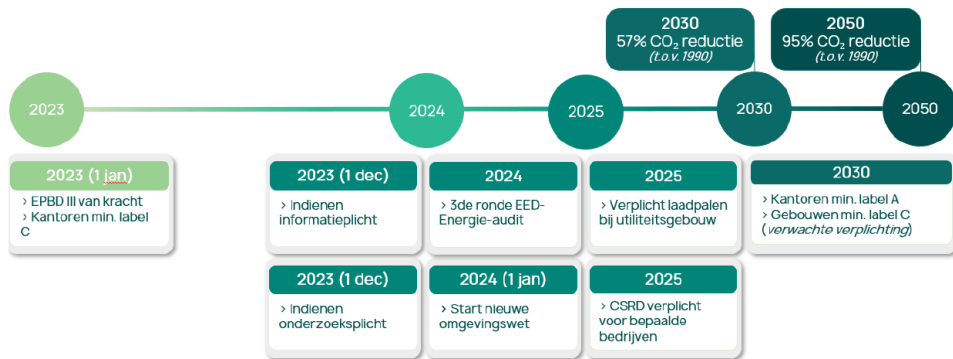
Biodiversity

Pharmaceuticals in the Environment

To preserve the earth for future generations system transitions are needed

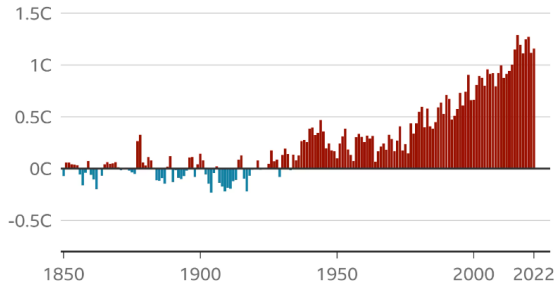


Energy legislation is increasing but is currently insufficient to stop climate change

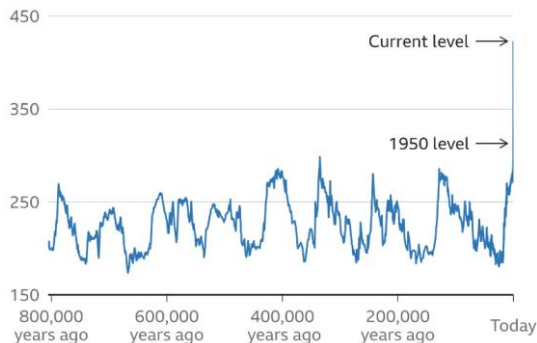


The world has been getting warmer

Change in annual average global temperature from pre-industrial levels (1850-1900) in degrees C

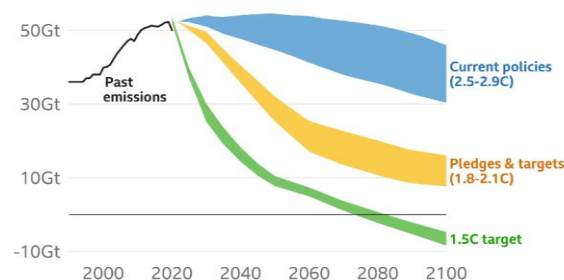


Atmospheric CO₂ concentrations, parts per million

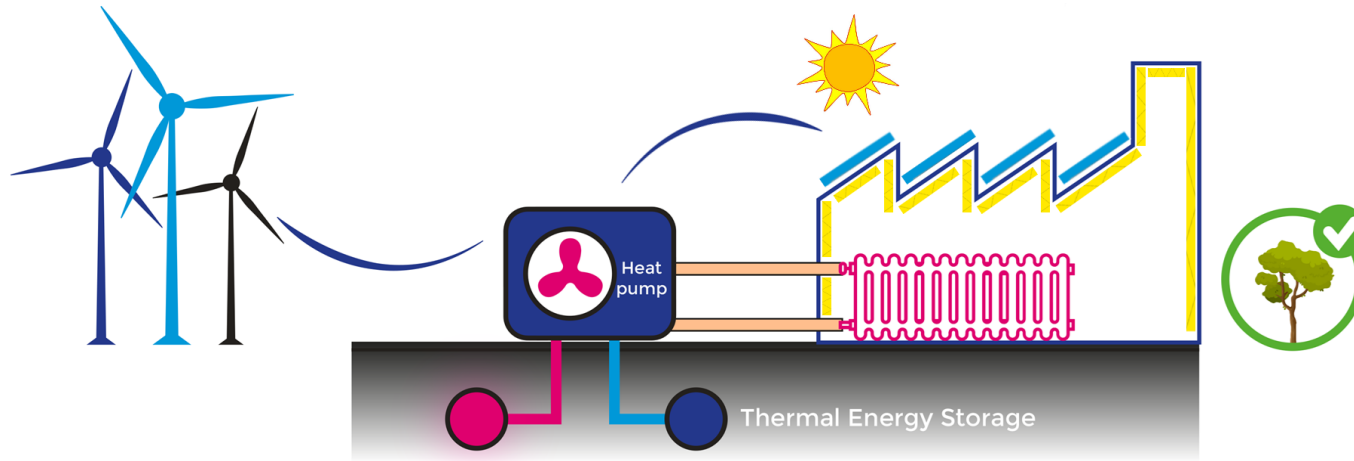


How close is the world to its 1.5C target?

Projected greenhouse gas emissions and future warming levels vary by actions taken



Our ambition is to be climate neutral in 2035



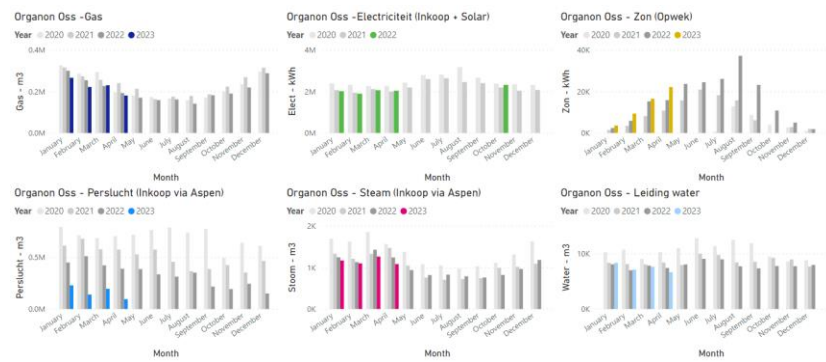
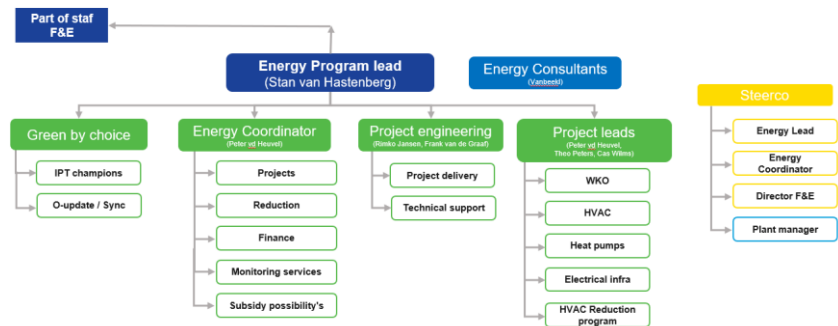
An energy strategy is set-up to realize our ambition



Energy management starts with setting-up the right organization and gaining insight



- Dedicated team and program sponsorship for Organon Oss
- Local active sponsorship
- Governance structure
- Cooperation with energy consultancy firm Vanbeek
- Communication:
 - presentations
 - news articles
- Energy dashboard



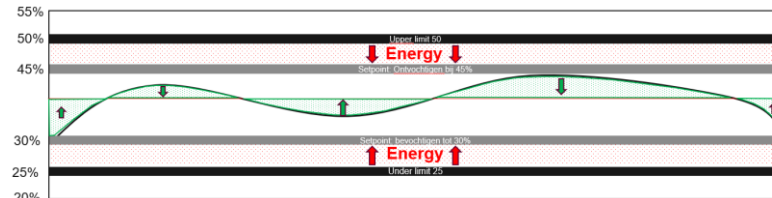
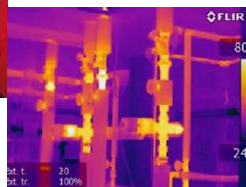
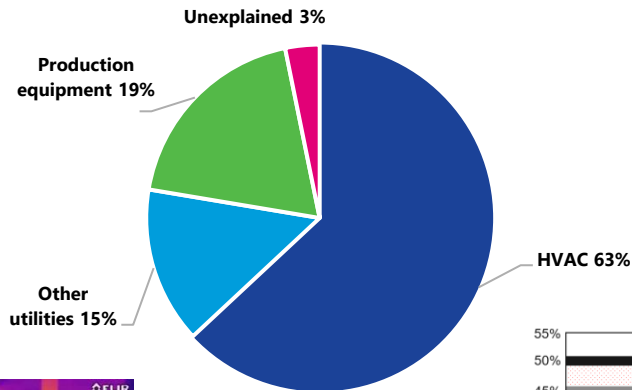
A project portfolio is created to realize a structural reduction of our energy consumption



Energy efficiency

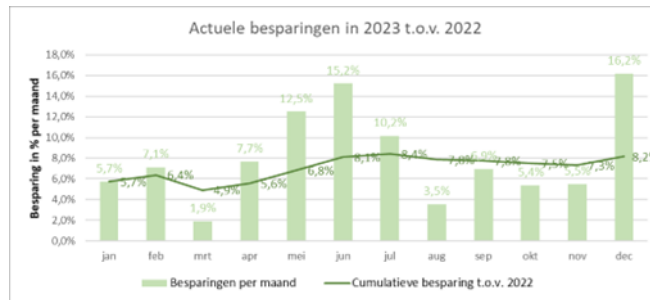
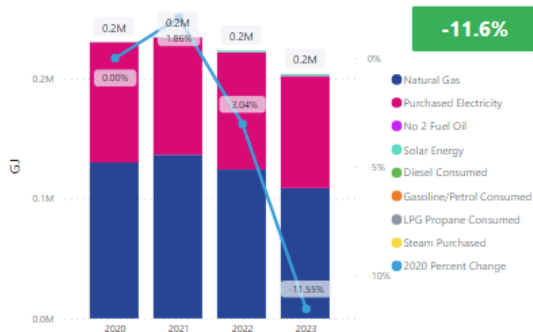


Energy consumption per utility



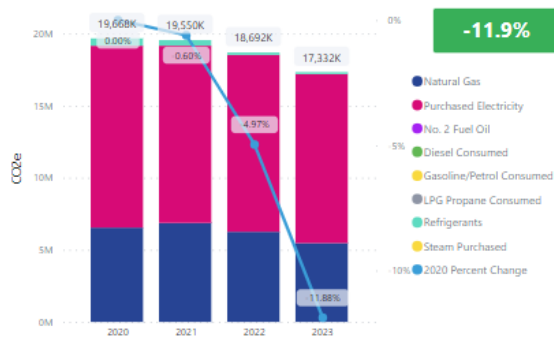
By executing the projects a reduction of 11,6% in energy consumption and of 11,9% in GHG emission is realized

Energy Use YTD Trend (Target 2023 : ≥5% reduction)



The energy consumption in 2023 is **11,6%** (**26.600 GJ**) lower than in 2020

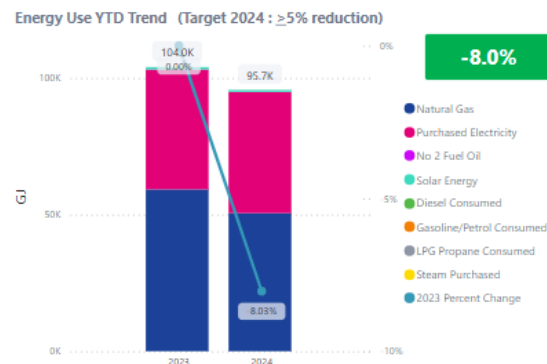
GHG Emissions YTD Trend (Target 2023 : ≥10% reduction)



The CHG emission in 2023 is **11,9%** (**2336 ton CO2e**) lower than in 2020

Projects 2023	Saving (GJ/year)
Reduce airchanges packaging first floor	3153
Optimization RH regulation COLB025	3530
Repair of steam leakages	1821
Reduce airchanges canteen CO	1120
Reduce airchanges WH production rooms CO	692
Reduce airchanges Noxafil production rooms CO	366
Reduce airchanges offices KR	503
Improve heating installation KR	298
Stop humidification offices CP	177
Switching of oncotic freezer	79
Isolation of airchannel KR	105
Total	11.944

In the first half of 2024 an additional reduction of 8% in energy consumption compared to 2023 is realized



The energy consumption in the first half of 2024 is **8,0%** lower than in 2023

Projects 2024	Saving (GJ/year)
Optimize RH regulation CO building (phase 2)	4446
Optimize RH regulation CO building (phase 1)	1375
Reduce airchanges Steriles CP building	1019
Optimize RH regulation Lyospheres	1422
CO2 regulation for canteen	1027
Optimize RH regulation CQ building	926
Switch-off lighting during non- production hours CP building	450
Apply energy efficient HVAC filters	393
Increase temperature central cooling system	186
Switch-off freezing protection in summer period	72
New HVAC system for Nexplanon (COLB077)	-1378
Total	

In 2024 the energy reduction program already led to an additional yearly cost saving of **430 k€**

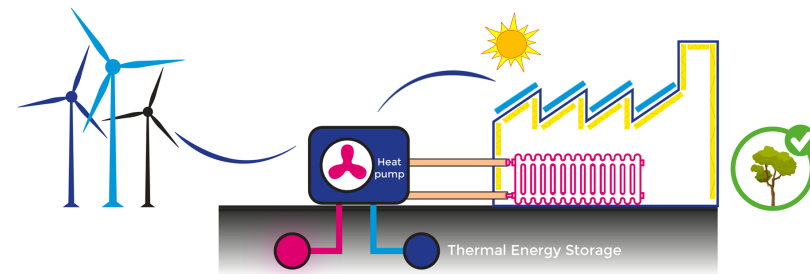
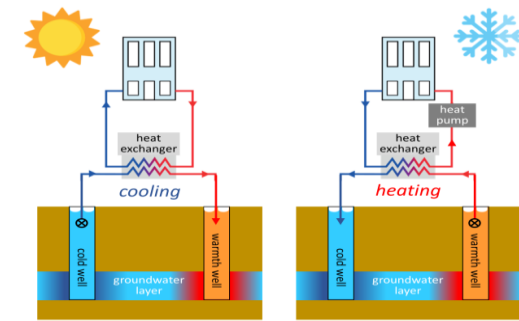
With the net zero program we will realize a climate neutral Organon Oss

- **Projects:**

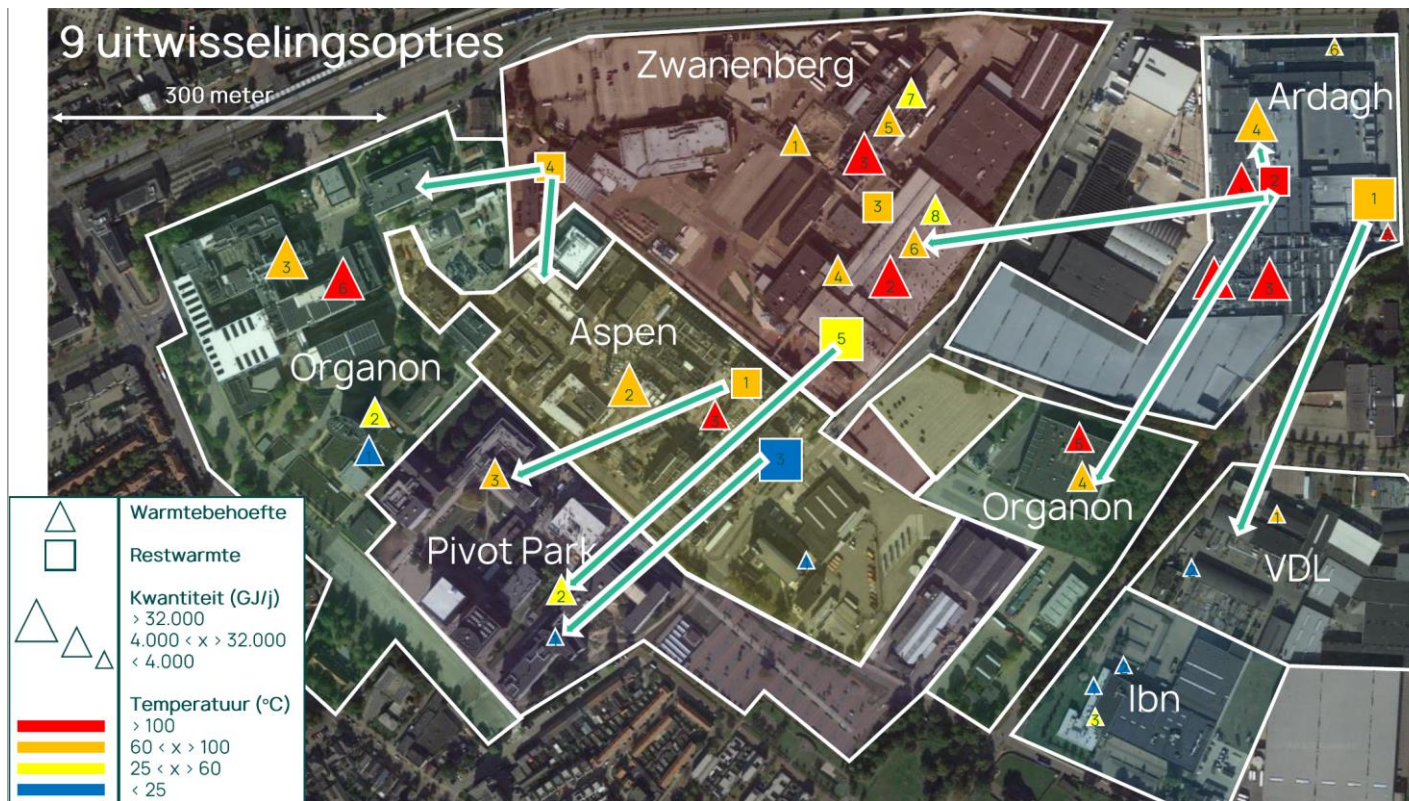
- Realize Aquifer Thermal Energy Storage network
- Install heat pumps (buildings KR-KA and CO)
- Replace/upgrade HVAC systems
- Replace TL lighting by LED lighting
- Install solar panels on bike parking
- Install charging stations for electric cars
- Upgrade building KA
- Renew roofs of buildings KR and CQ, and install solar panels on the roofs

- **Sourcing of renewable energy:**

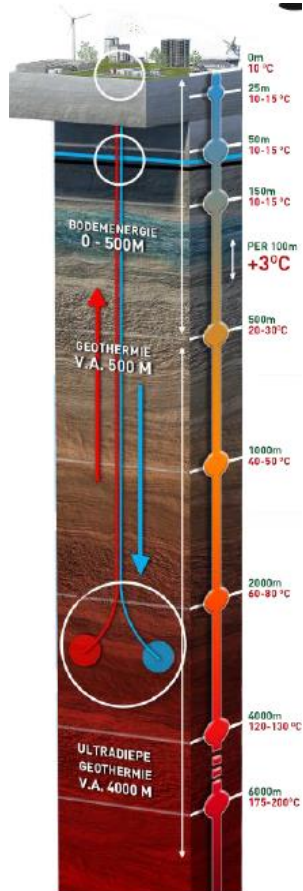
- PPA (Energize program Schneider Electric)



Program Grote Oogst: Working together on the energy transition



Geothermal energy: an interesting solution for Moleneind



- Renewable and sustainable
- Environmentally friendly
- Reliable and stable
- High energy potential
- Low operating costs
- Small land footprint
- Versatile applications
- Energy independency

Lessons learned

***The energy transition is a journey:
the destination is clear, we just have to find the
way to get there***

- Set-up a team with the right expertise
- Monitoring is critical for making the right decisions
- Make people aware of the urgency
- Just start by setting the first steps!
- Steel with pride, share with passion
- Have fun during the journey

