

# Geothermal energy in industry

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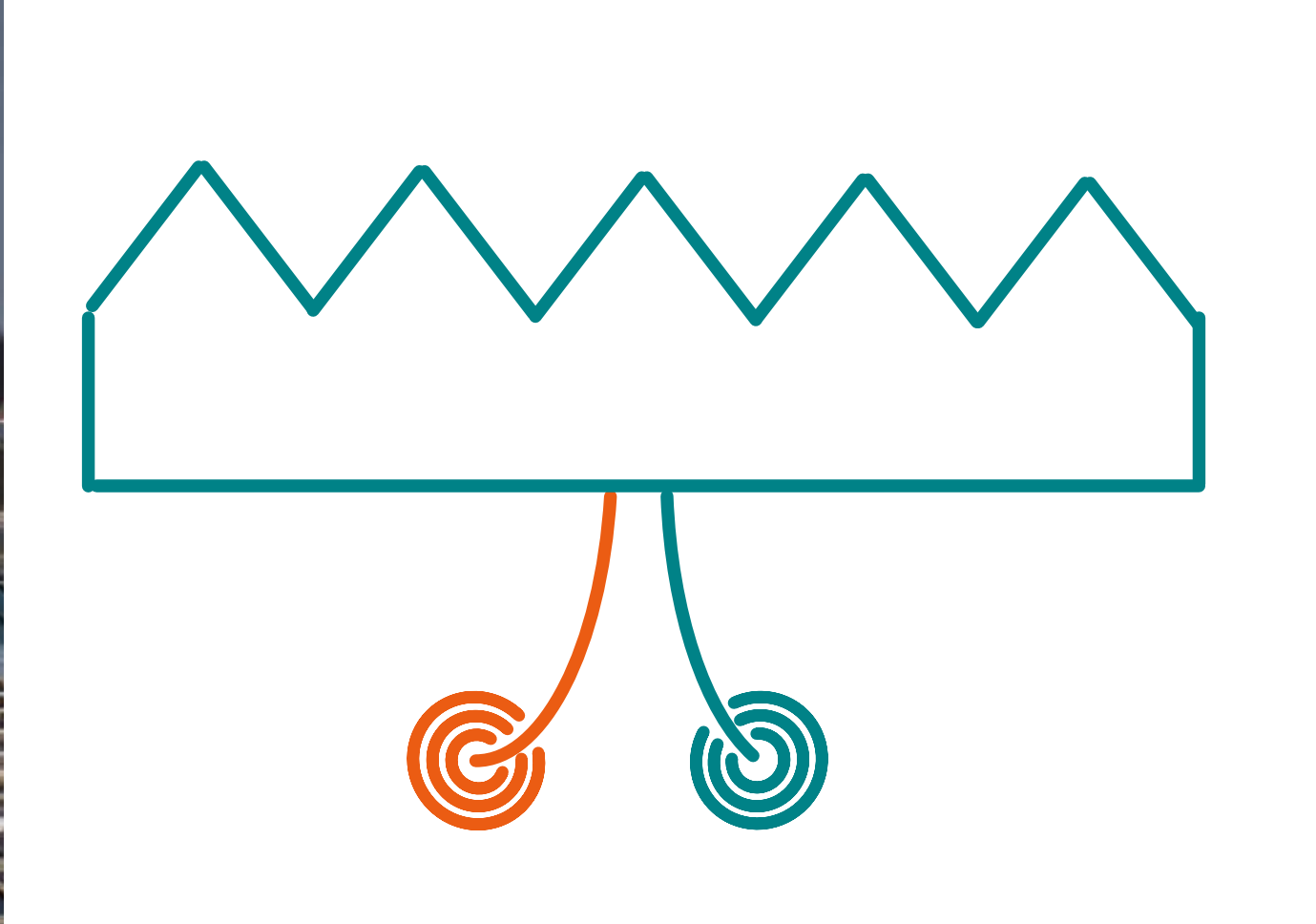


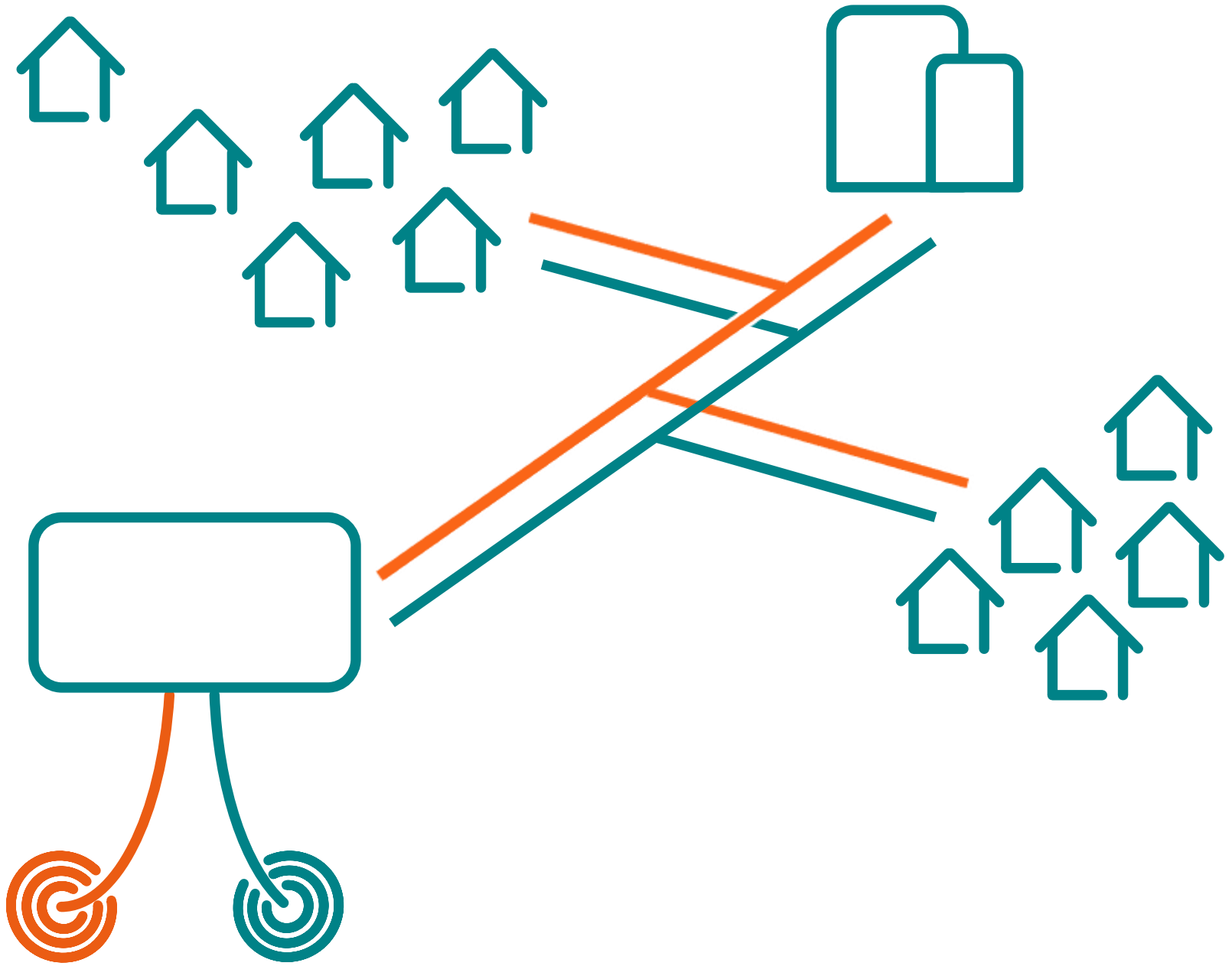
**GEOCAP**  
Geothermal Capacity Building Program Indonesia - Netherlands



65 people

>25 years experience









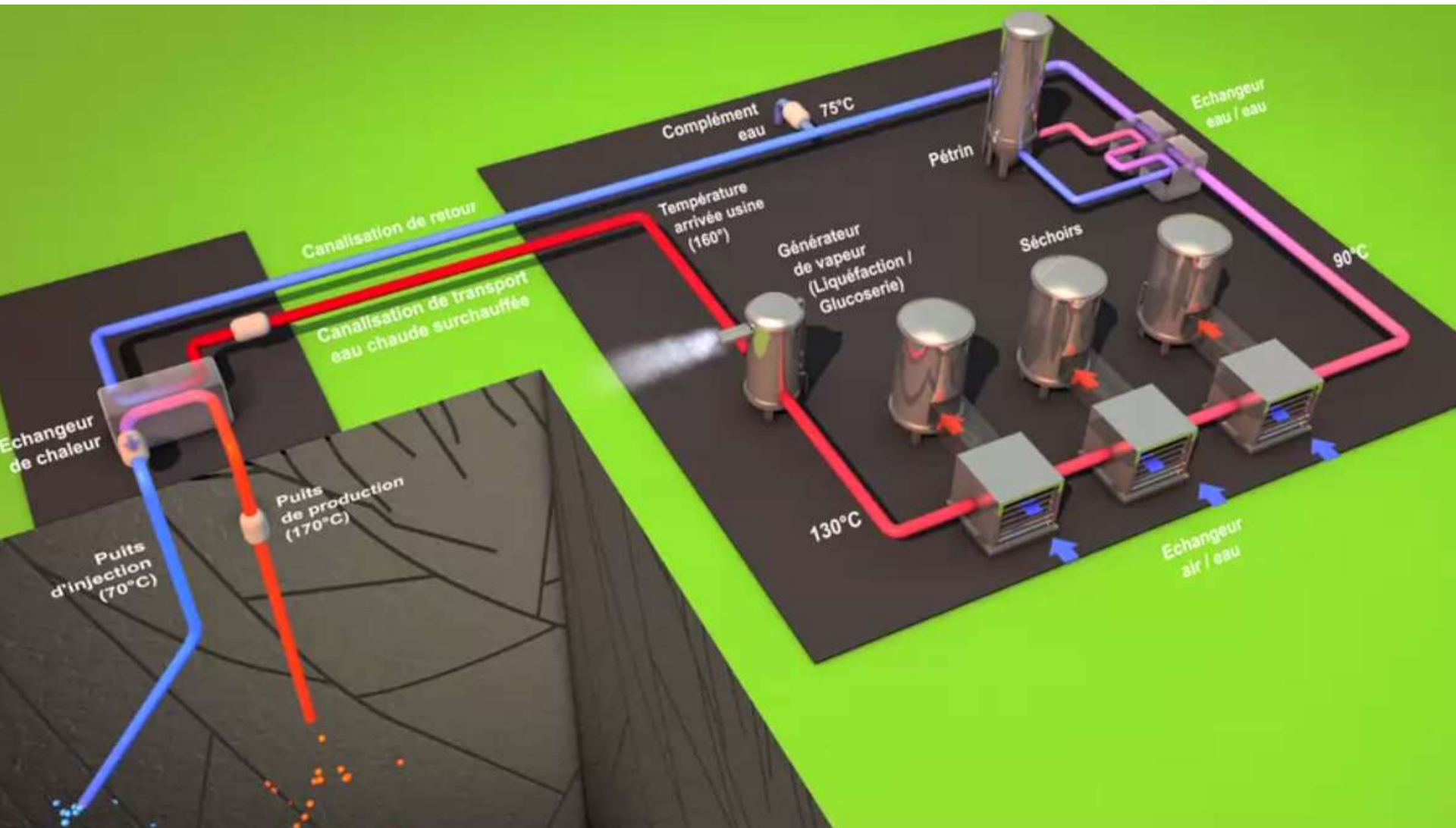
# Example: Smurfit Kappa

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# Example: Ecogi



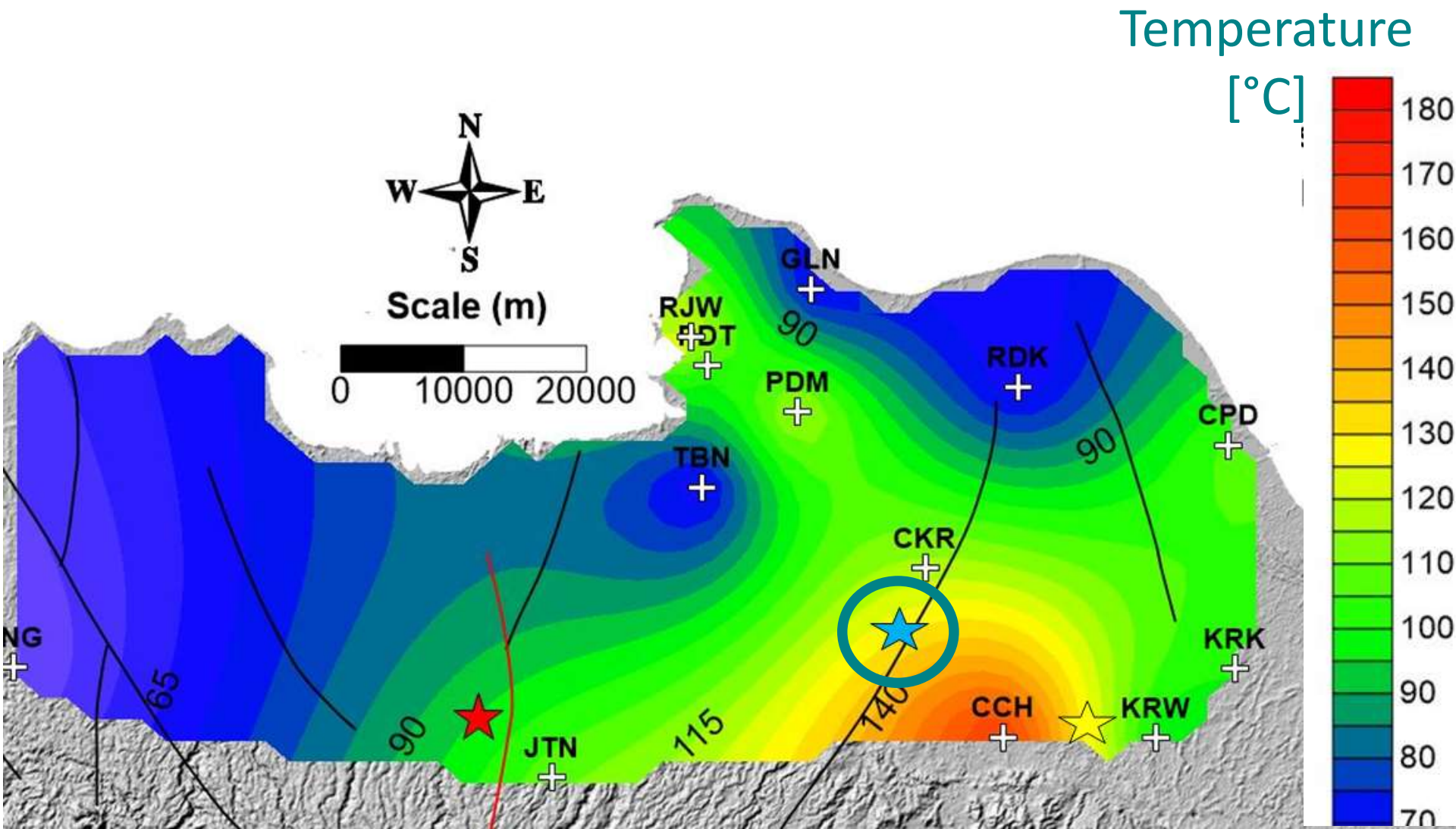
# Jababeka

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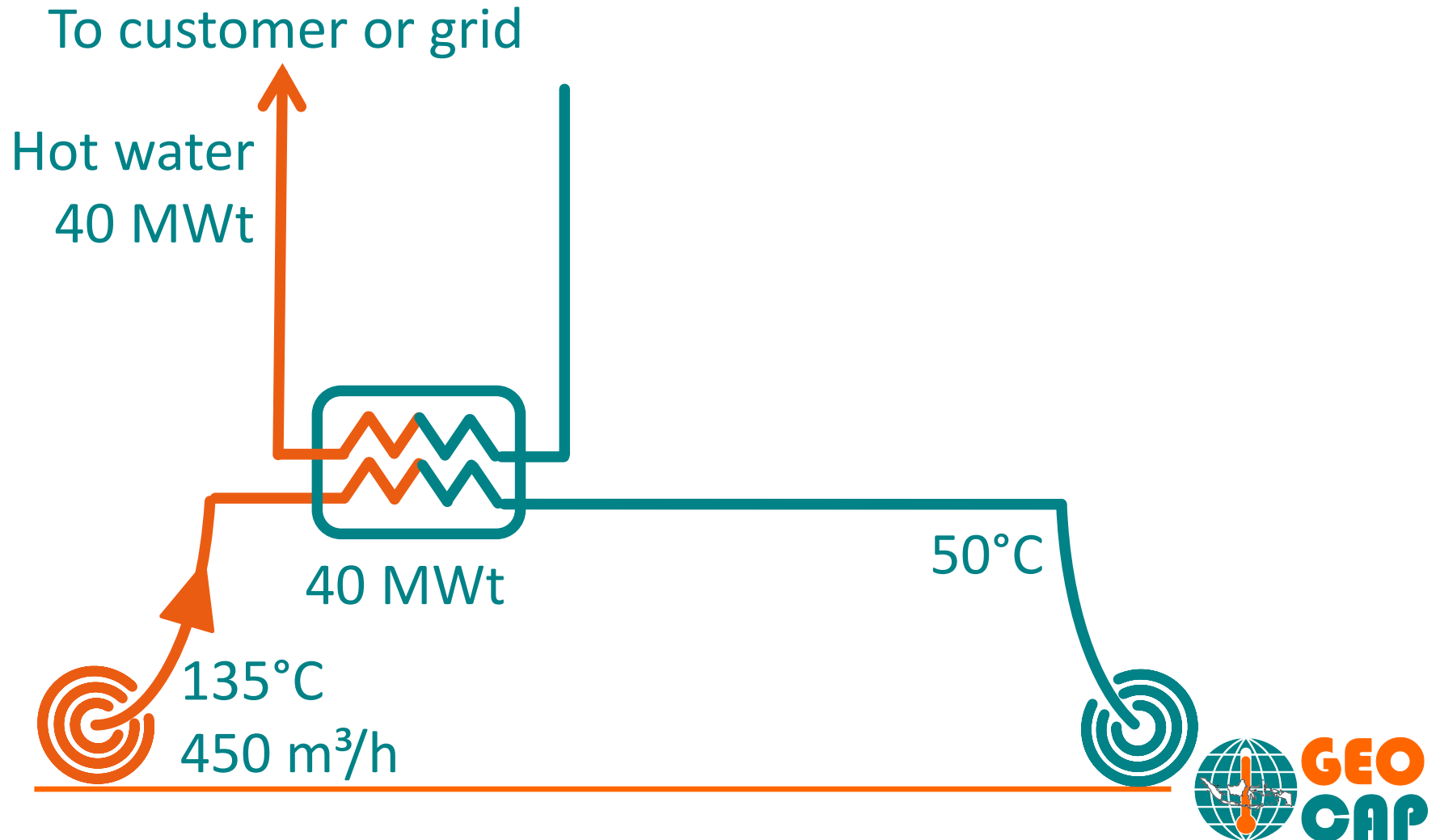


# Temperatures



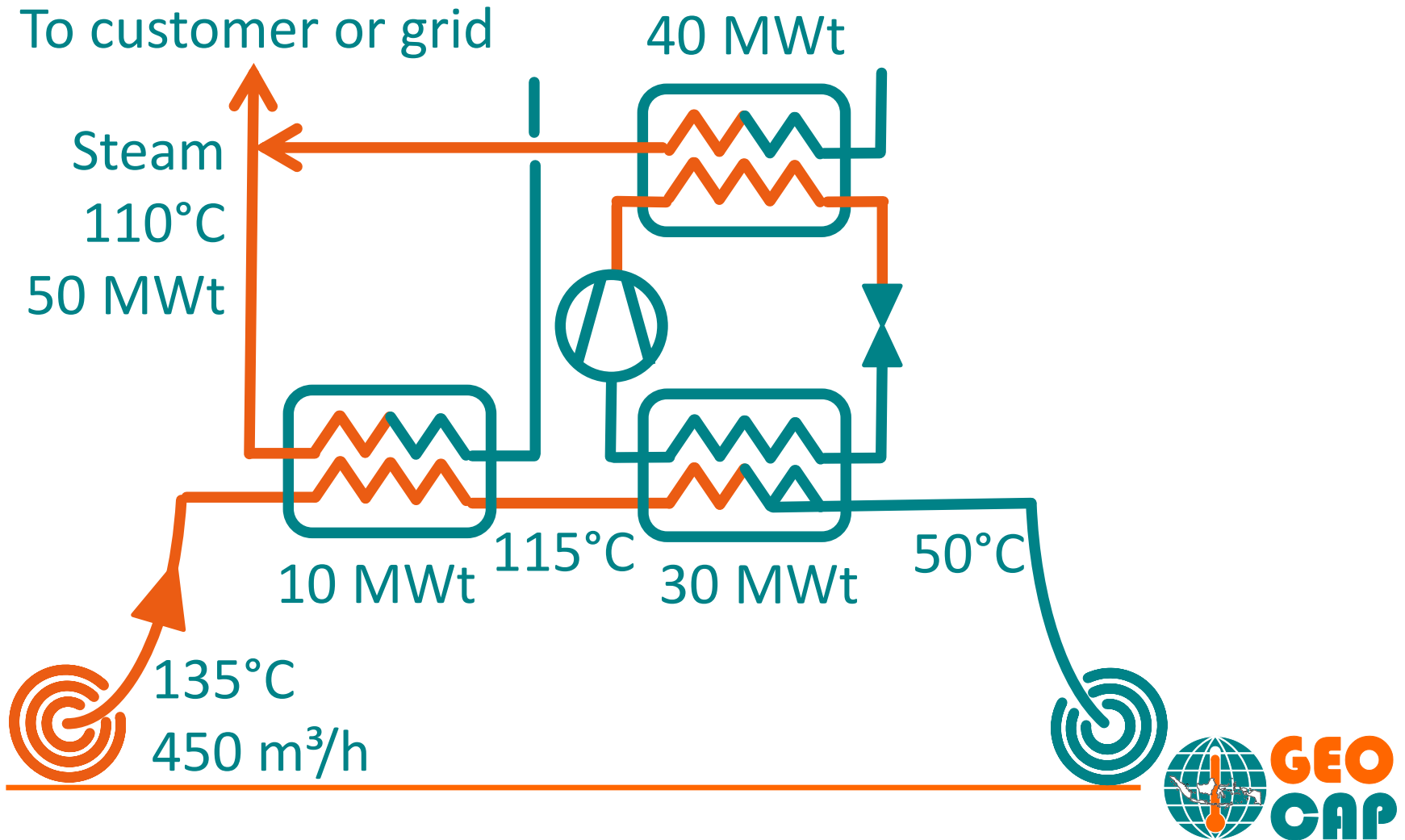
# Hot water production

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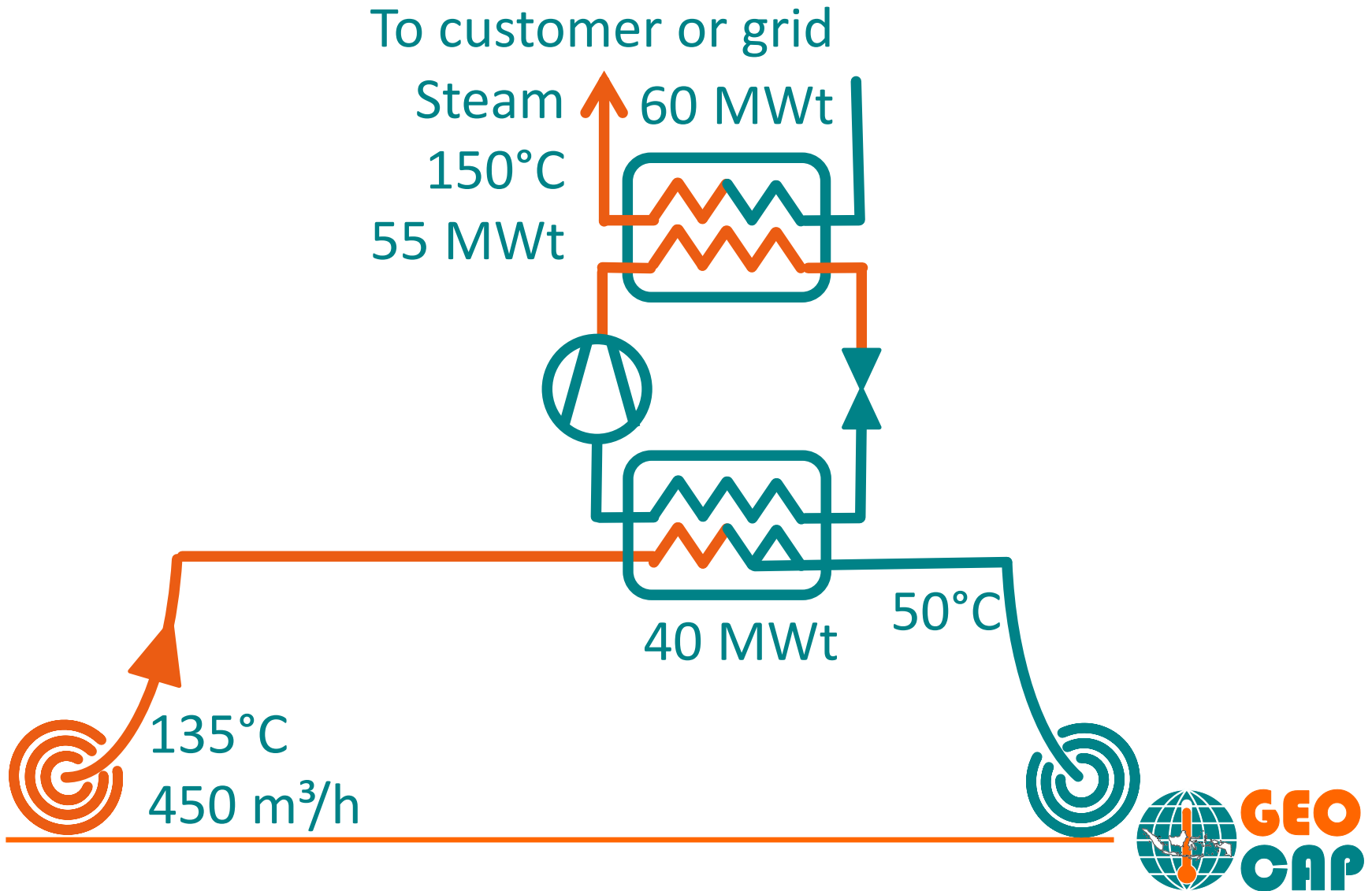
# Steam production 110°C

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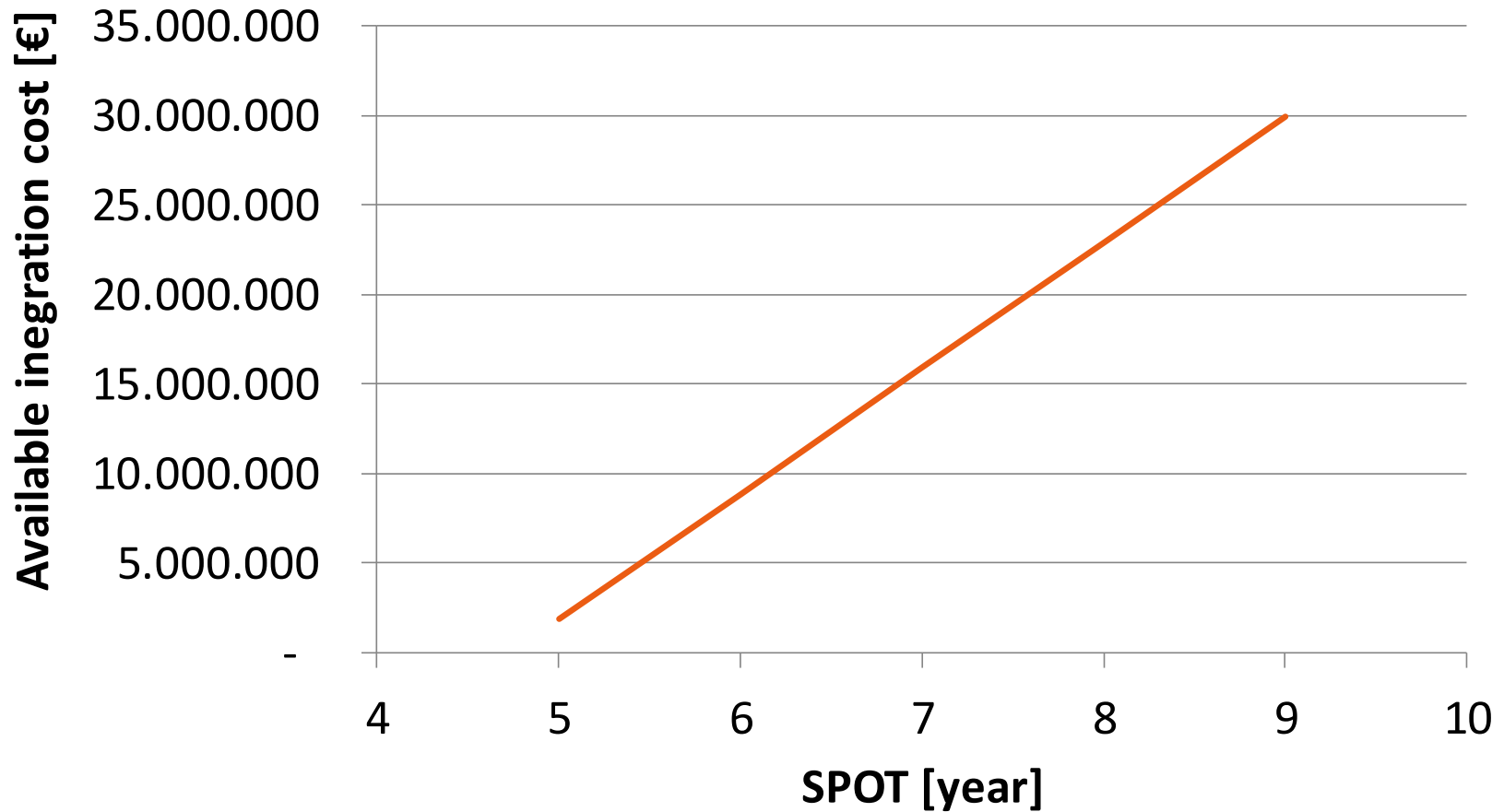


# Steam production 150°C



# Business case hot water

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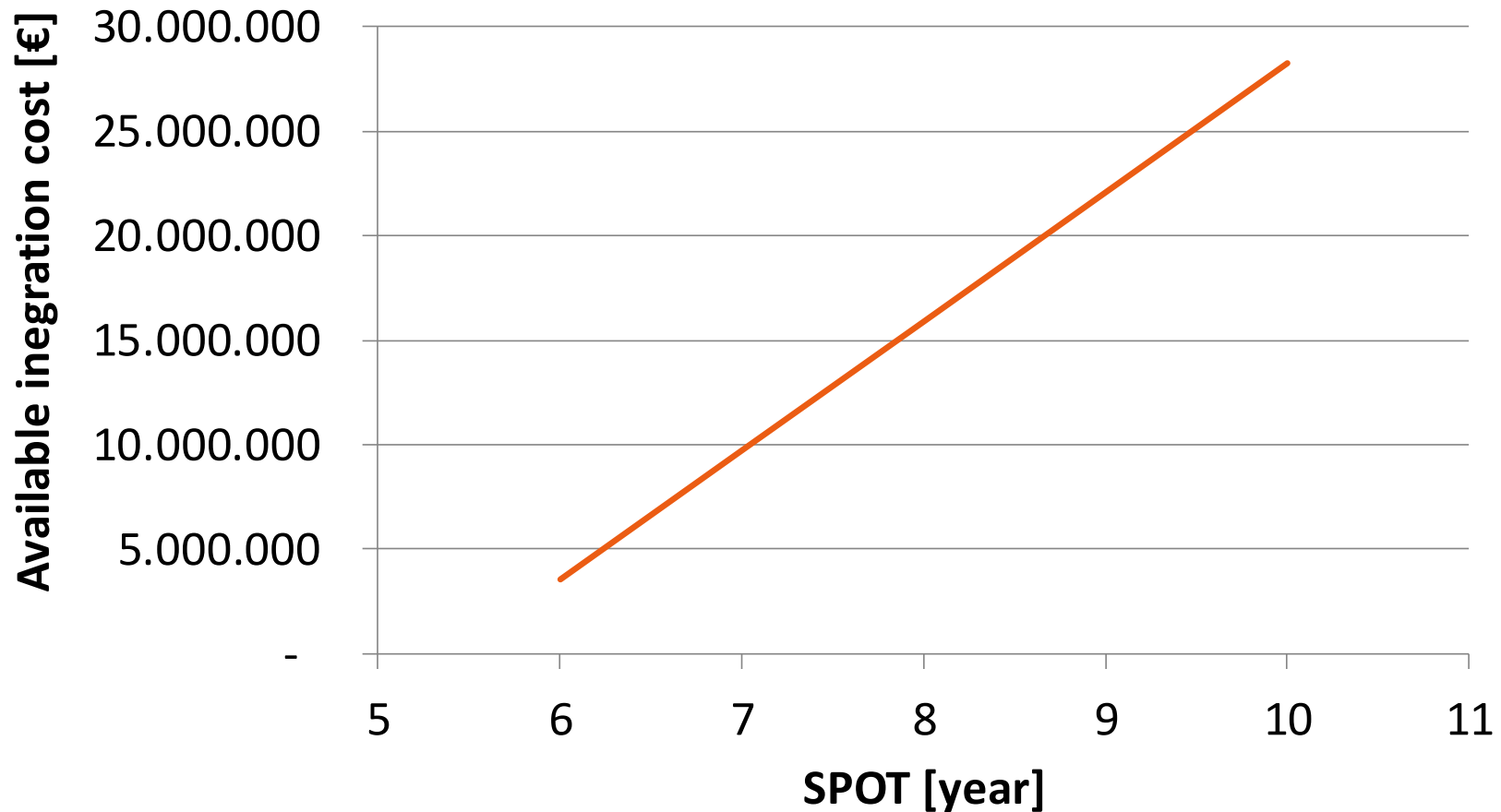


CAPEX without integration: 22 M\$

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# Business case steam 110°C

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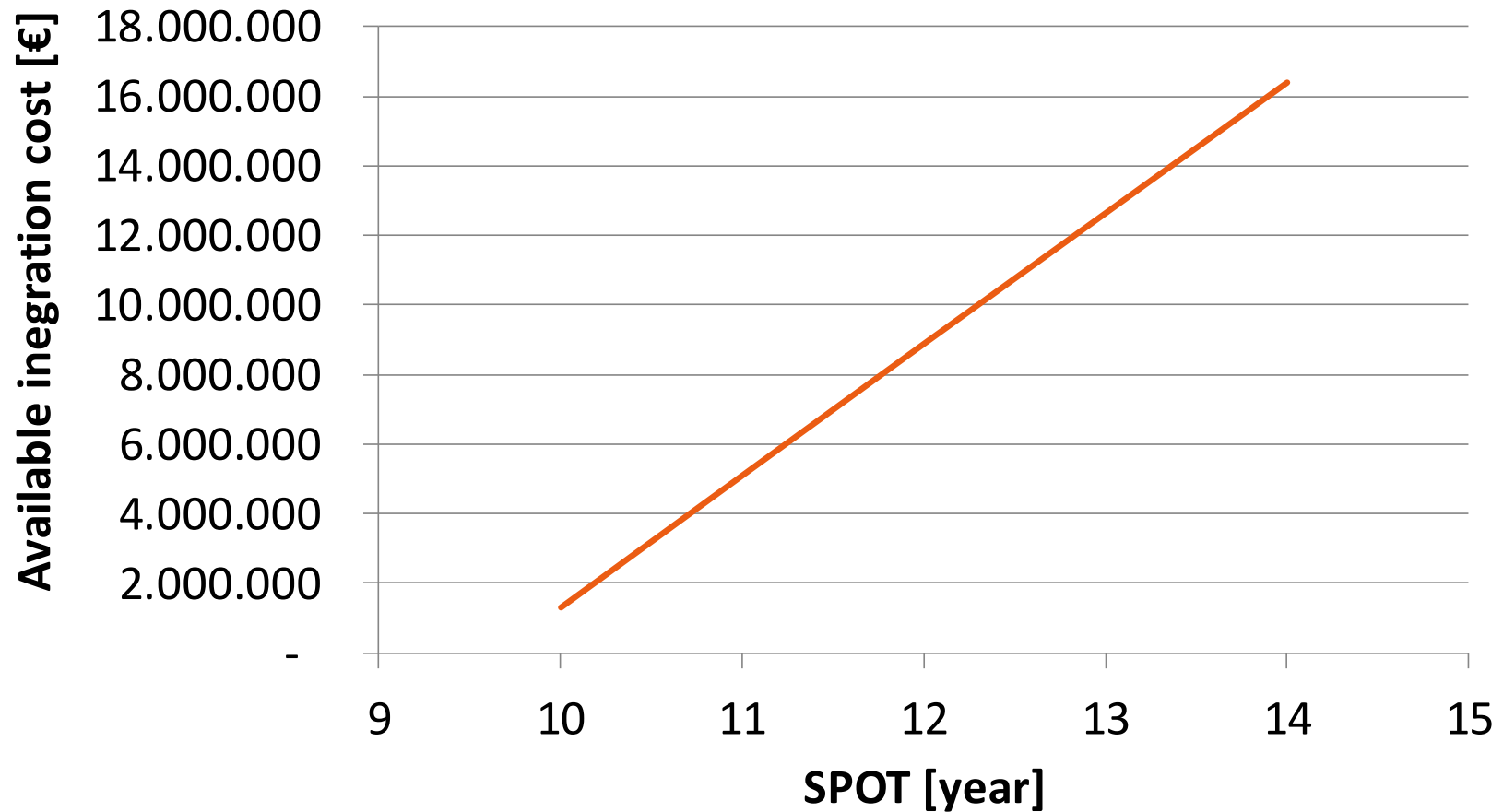
CAPEX without integration: 33 M\$

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# Business case steam 150°C

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CAPEX without integration: 36 M\$

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# Why geothermal energy?

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- SPOT of 5 year possible
- CO2-reduction
- Fixed costs energy
- Less dependency on fossil fuels
- Increase production

# How about you?

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- Are you interested?
- If so, what's next?
- Please, let's discuss in the second part of this workshop.



A close-up photograph of industrial machinery, featuring a large, circular, flanged component with a copper-colored inner lining and a stainless steel outer ring secured by numerous bolts. The background shows various pipes, valves, and mechanical parts in a dimly lit industrial setting. The word "Questions?" is overlaid in white text in the upper center of the image.

Questions?