

GECO –Geothermal Emission Control

Bergur Sigfússon, Carbfix

European Framework Programme for R&I - Innovation Fund Synergies Workshop

8 February 2023



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 818169.

Aim & Objectives

Ambitions

lower emissions by capturing them for either storage or reuse.

Business and exploitation opportunities

- Increase geothermal energy competitiveness. Capturing should involve minimum CAPEX as well as energy and resource demand.
- Turn captured emissions into commercial products, allowing for cost reductions through increased revenues.

Expected impact

 Solutions available to the power and heavy industries towards emission free operation in areas not considered before

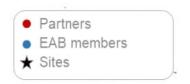
Consortium

• 18 Partners

- 4 Industrial partners
- 1 SME
- 13 RTD facilities

Percentage of women

- Consortium 37%
- WP leaders 70%
- external advisory board 50%

































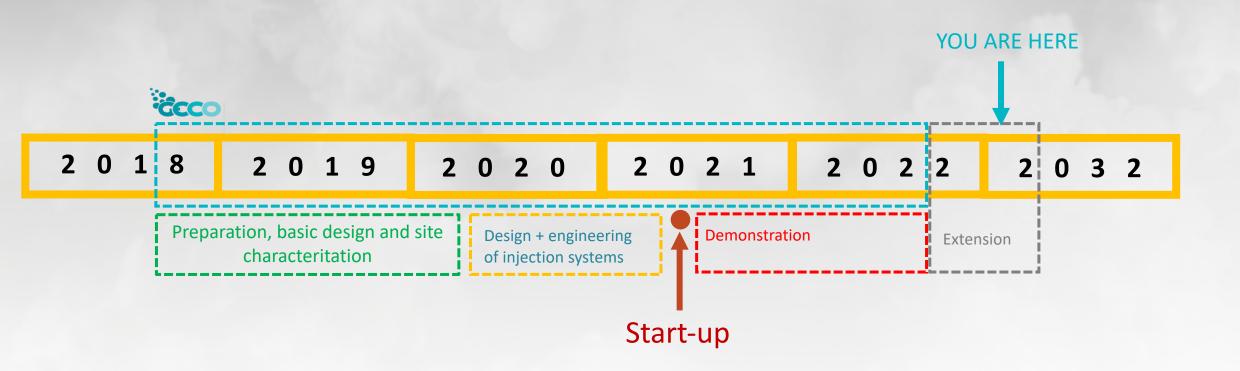




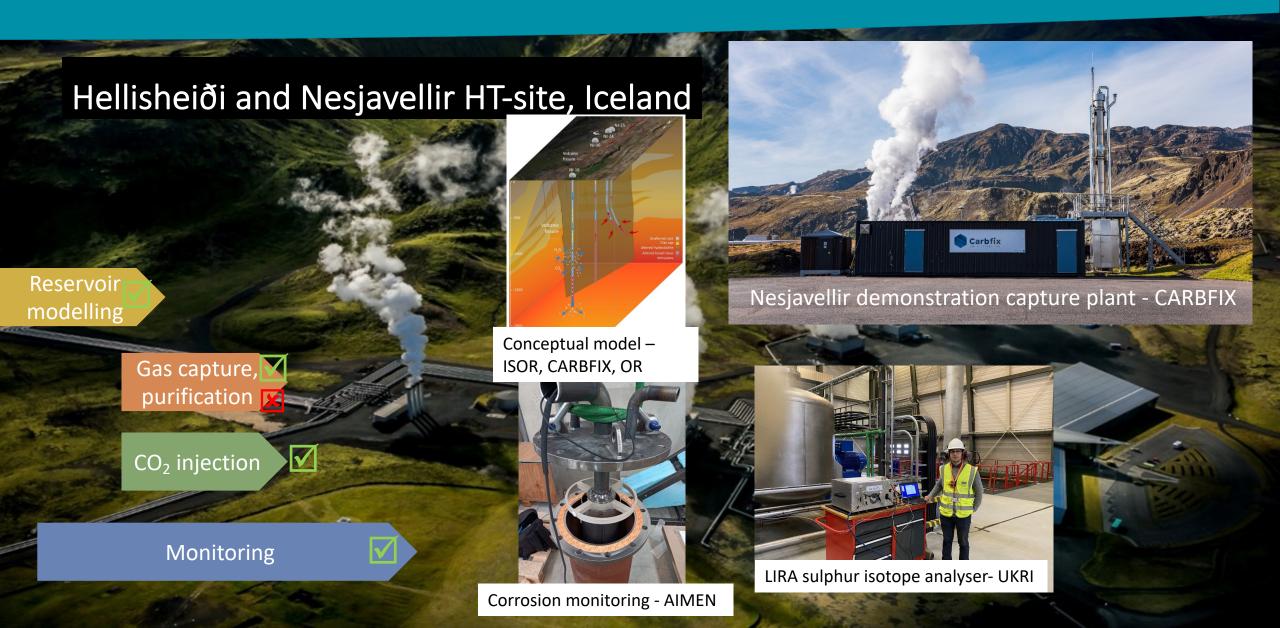




Project timeline



Technologies

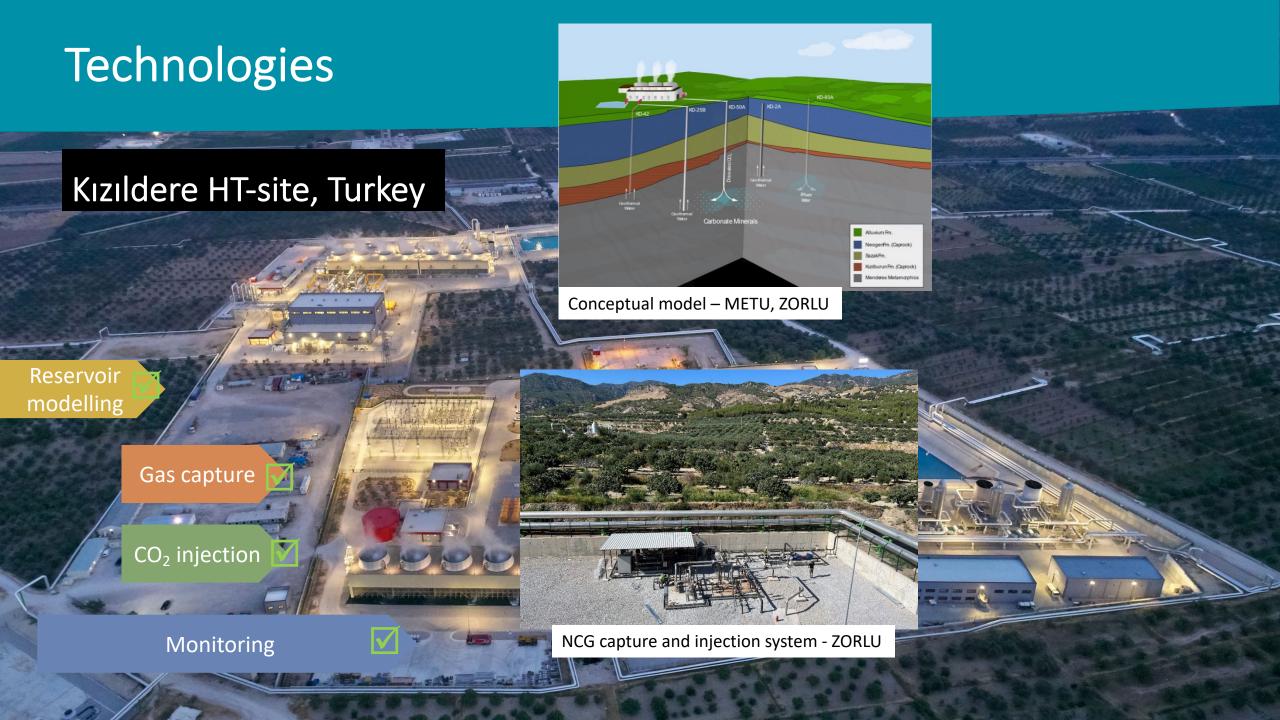


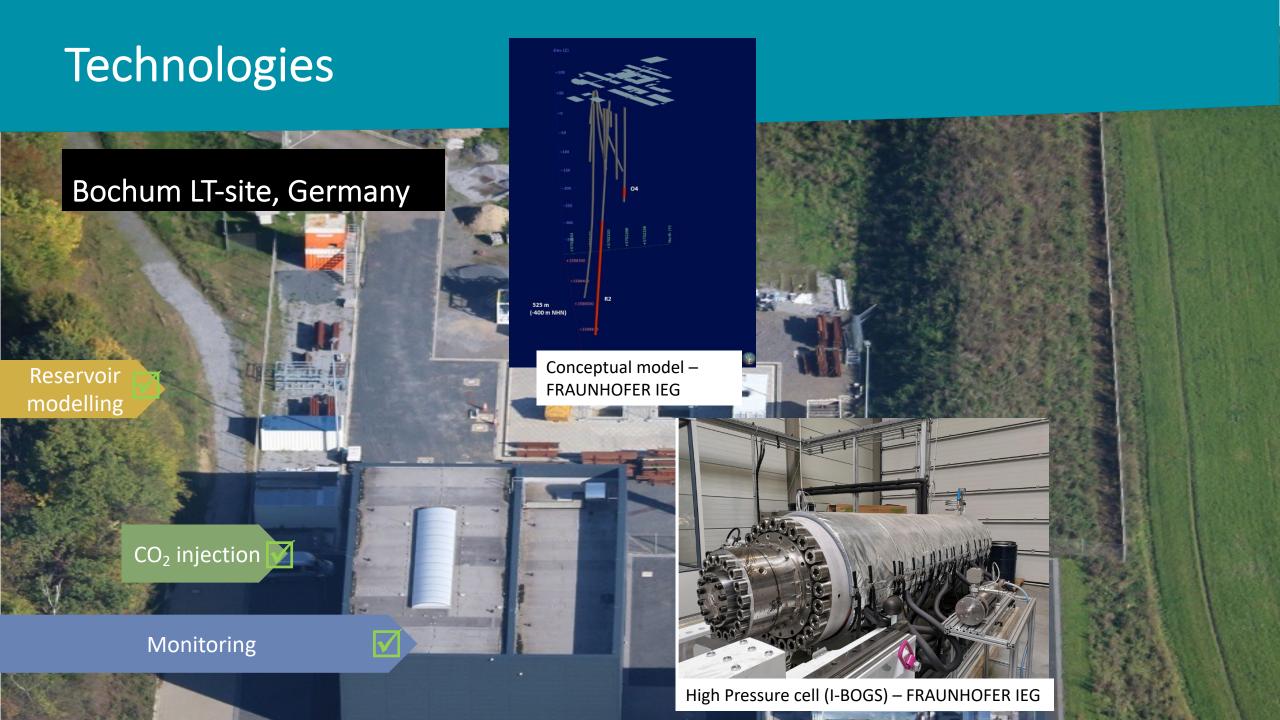
Technologies



Technologies







Project wrapup in 2023

- Evaluations of demonstration campaigns
 - Successes and failures
- Evaluations of Industry Tech developers collaborations
- IP exploitation routes under development
- Dissemination activities ongoing
- Market roadmap and opportunities under development

Thank you!







www.linkedin.com/company/geothermal-emissioncontrol-geco-project





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 818169.