

Enhancing Geoheat Utilisation

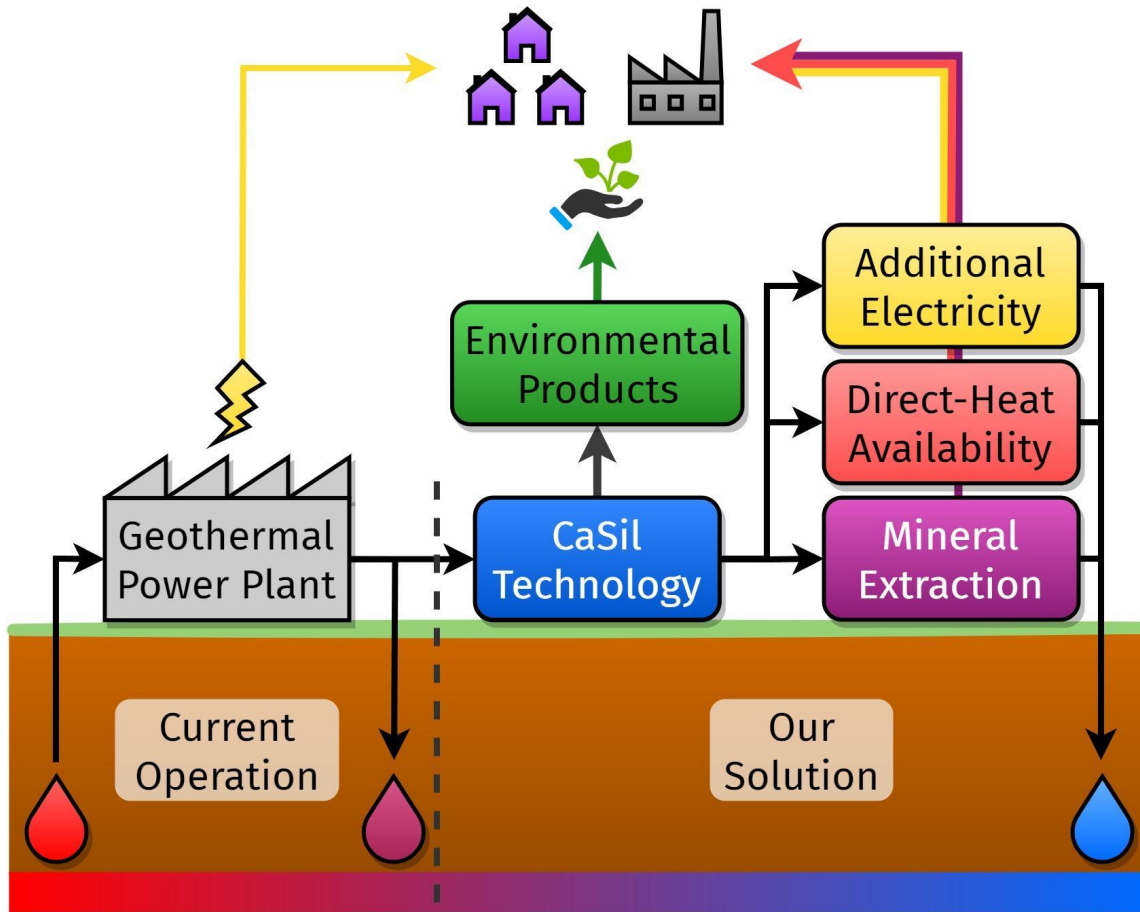
More from the same resource through CaSil

Contact:	
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CaSil

TECHNOLOGIES

CaSil Technology Features and Benefits

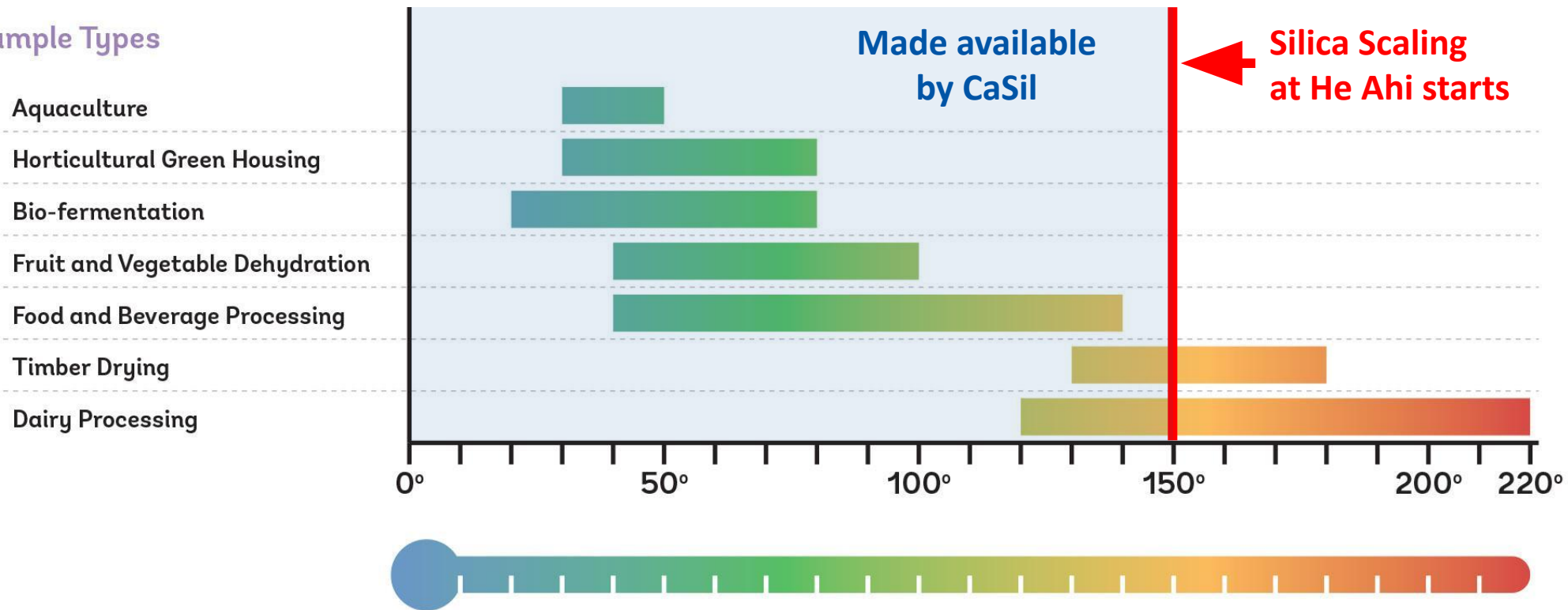


- CaSil Technology **eliminates silica** from geothermal brines.
- **Fully unlocks heat energy potential** of a geothermal resource.
- **Silica** in the brine is **rapidly transformed** into a **calcium silicate (CaSil) product**.
- **Significantly more heat** can be harnessed for **direct-heat industrial applications**.
- **Significantly more electricity** can be generated.
- Enables downstream **mineral extraction**.
- **CaSil** material has **environmentally beneficial uses** such as a controlled nutrient-release fertiliser.

Seeking Strategic Partnerships

Process Heat Applications Made Available at He Ahi

Example Types



From:

Climo, M., Carey, B., Miller, F. 2022. Action Plan 2022 – 2023;
Geoheat Strategy for Aotearoa NZ., New Zealand Geothermal Association.

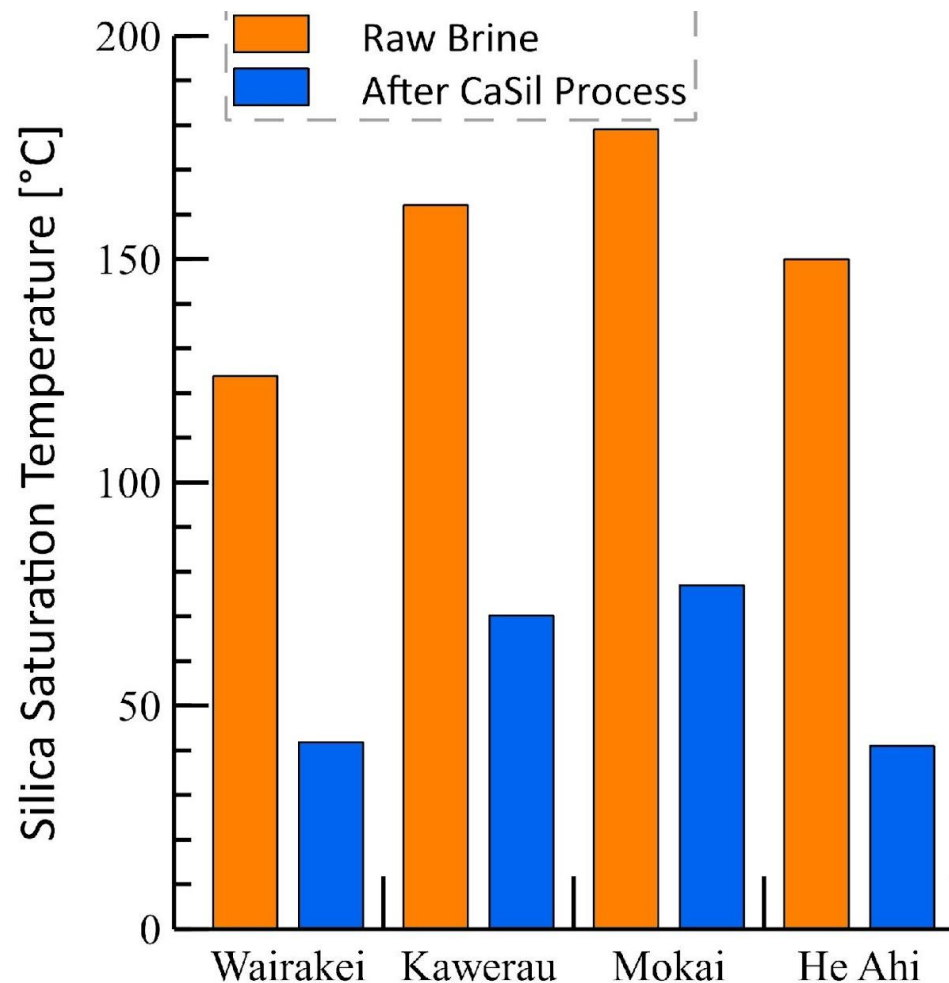
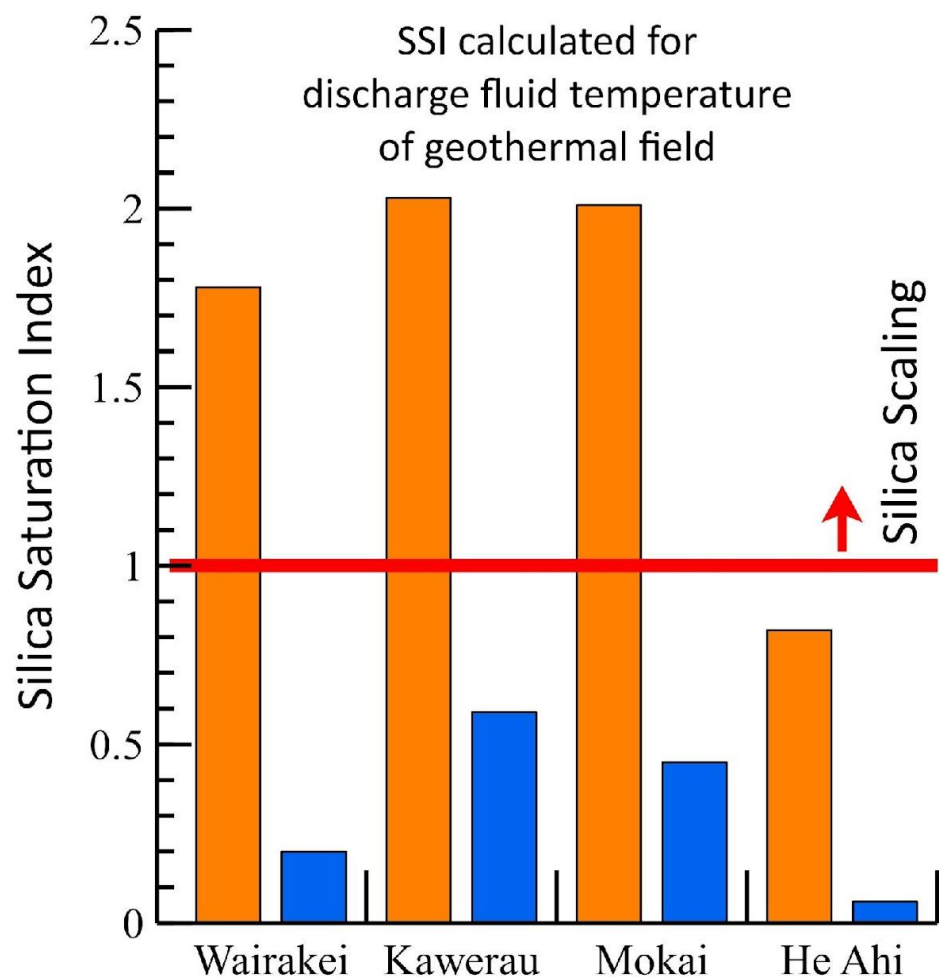
CaSil Development Plant Deployed at He Ahi



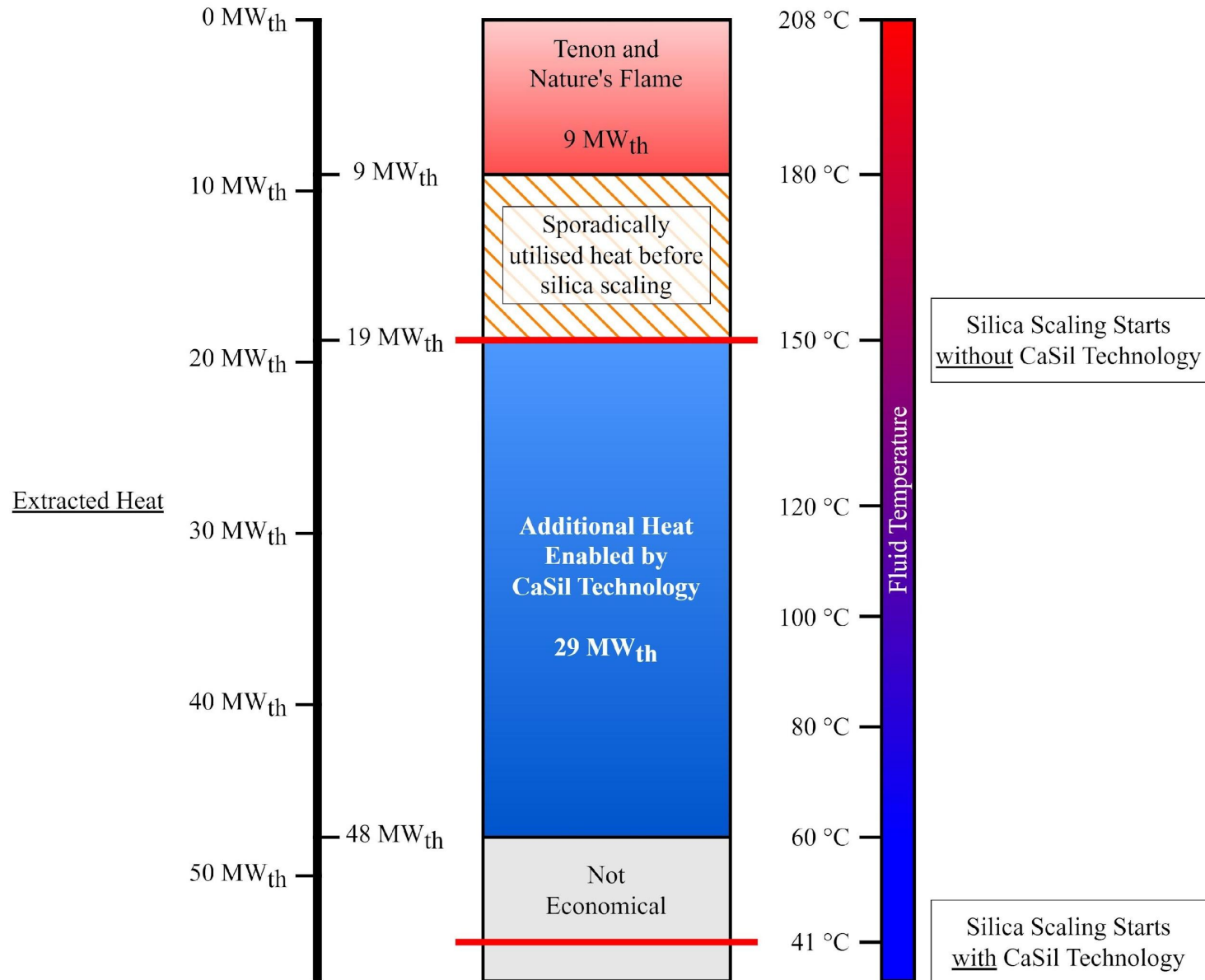
Kindly
supported by:



CaSil Development Plant Performance Comparison



Heat Opportunity at He Ahi – Eco Business Park



Questions?

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