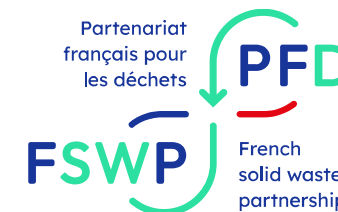


# Geothermal CO<sub>2</sub> capture

Leveraging CO<sub>2</sub> dissolution capacity in cold versus hot water



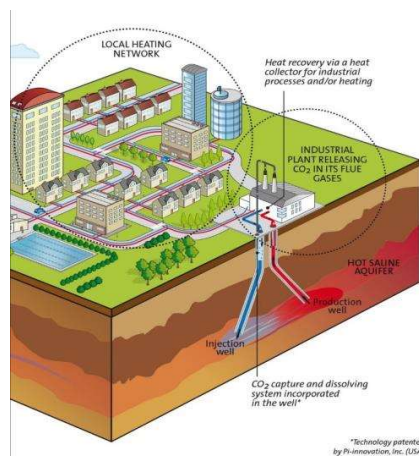
WASTE & CLIMATE CHANGE

CARBON SINK



FRANCE – Greater Paris

R&D project to combine a deep geothermal plant with permanent CO<sub>2</sub> storage of incineration flue gases.



The project aims to:

- Store 300,000 tons of CO<sub>2</sub> (40% fossil) in a deep aquifer
- Recover heat from the geothermal aquifer to supply district heating
- Reduce the amount of the future European tax on waste-to-energy emissions.

## CLIMATE BENEFIT:

- > 300,000 t of CO<sub>2</sub> to be captured
- > Harnessing renewable energy (heat)

## CO-BENEFIT:

- > Research partnership
- > Innovation can benefit others



COP28  
UAE