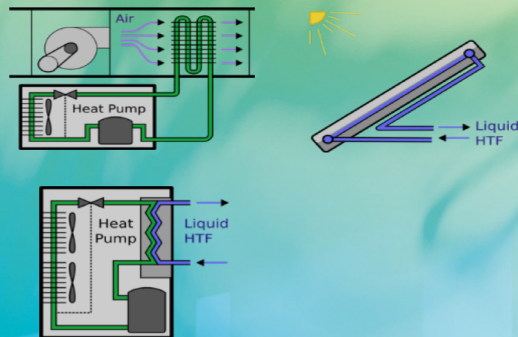


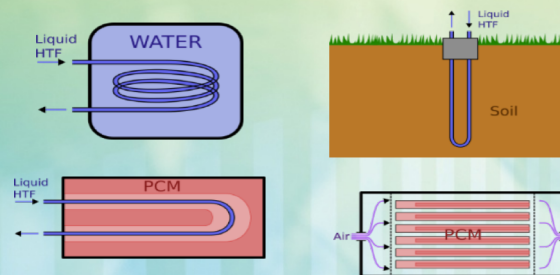
Frédéric Kuznik
frederic.kuznik@insa-lyon.fr
CETHIL
UMR CNRS 5008 / INSA / UCBL

Stockage de Chaleur

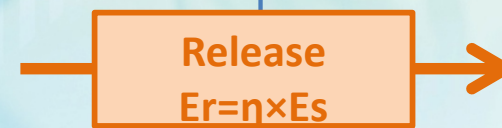
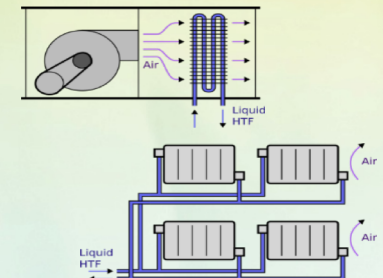
Production

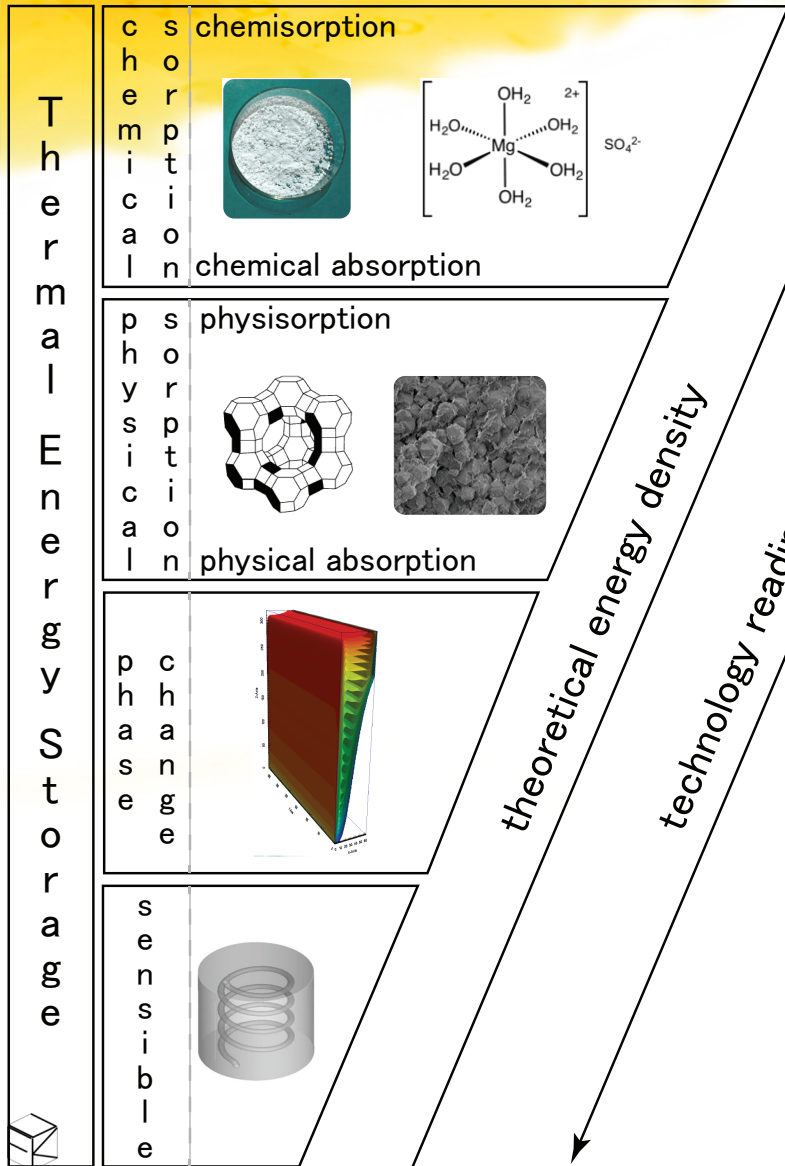


Energy Storage System



Load





Domaines d'application

≈ -10 °C ⇨ ≈ 400 °C

≈ mm³ ⇨ ≈ 50 000 m³

Verrous:

- ⇒ Densité énergétique vs. Puissance
- ⇒ Matériaux et matériaux architecturés
- ⇒ Intégration / contrôle--commande