



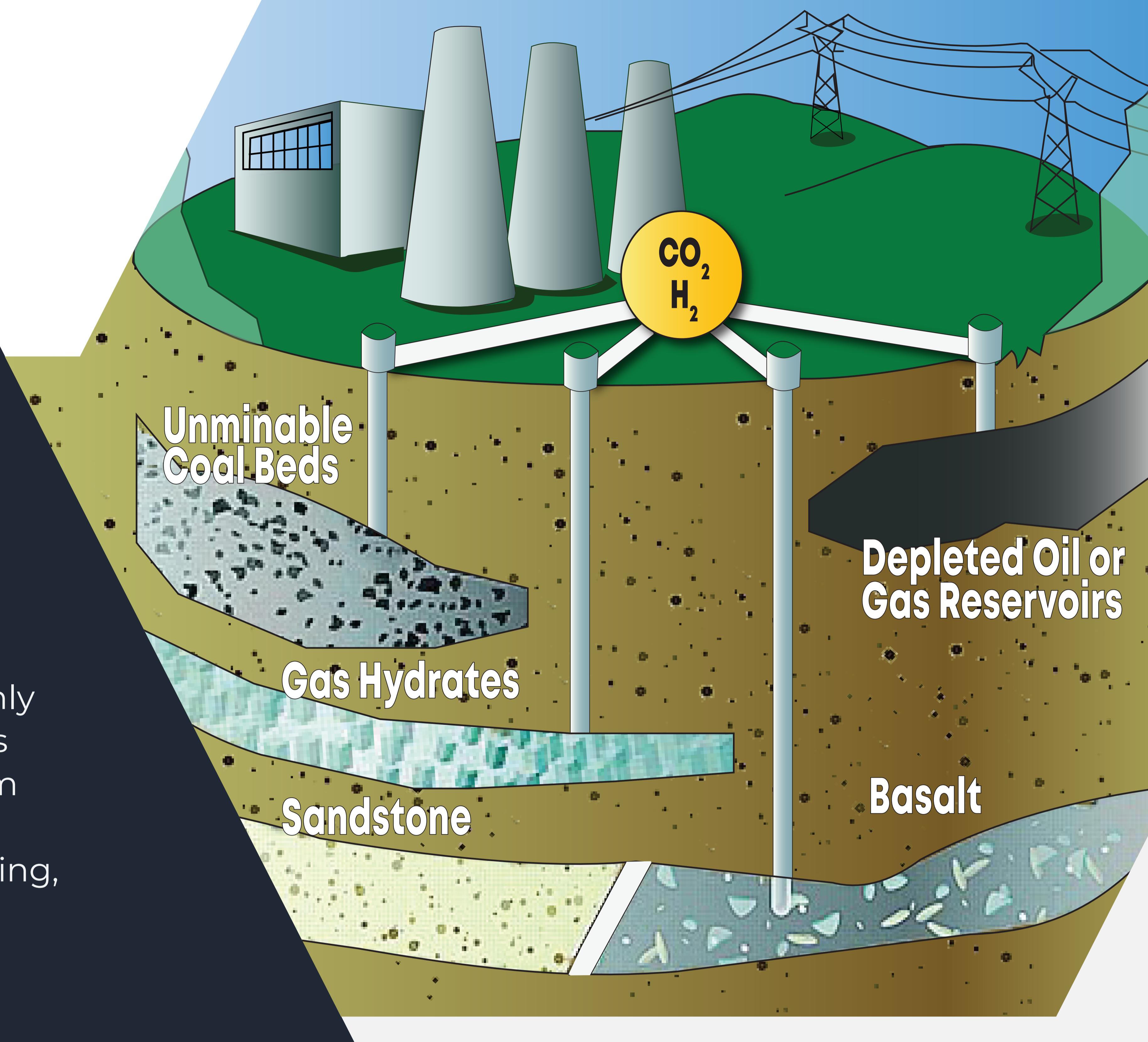
RESERVOIR ENGINEERING SOLUTIONS FOR ENERGY TRANSITION

Rara Energy has access to a number of highly experienced and very competent associates covering the full multi-disciplinary spectrum across geology, petrophysics, reservoir engineering, well and completion engineering, reserve evaluation and economics.

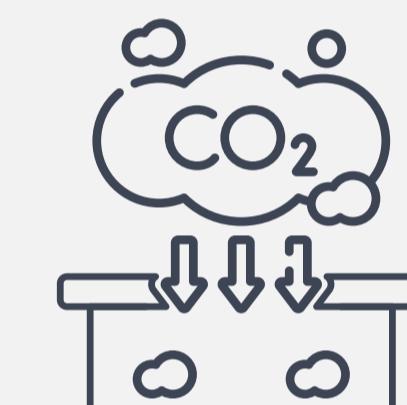


SWATI GUPTA

Founder & Director |
Reservoir Engineer
(20+ Years of Experience)



HYDROGEN
MODELLING



CO₂ CAPTURE
& STORAGE

HYDROGEN SIMULATION MODELLING

- ✓ Underground Hydrogen Storage
 - Underground Salt Caverns
 - Depleted Hydrocarbon Reservoirs
 - Underground Aquifers
- ✓ Microbial Reactions – Methanogenesis Modelling
- ✓ Geochemistry
- ✓ Diffusion/Dispersion
- ✓ Geomechanics
- ✓ Uncertainty Analysis
- ✓ Use natural gas storage technology and knowledge

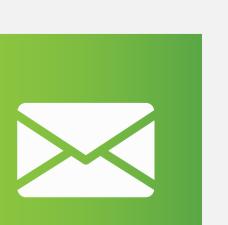
CO₂ SEQUESTRATION MODELLING

- ✓ Modeling different trapping methods of CO₂ in Reservoir
- ✓ Relative Permeability Hysteresis
- ✓ Miscible and Immiscible
- ✓ EOS Modelling
- ✓ Solubility of CO₂ in water
- ✓ Diffusion and Dispersion
- ✓ CO₂ leakage through cap rock
- ✓ Mineralization
- ✓ Thermal Effects
- ✓ CO₂ Low salinity flood

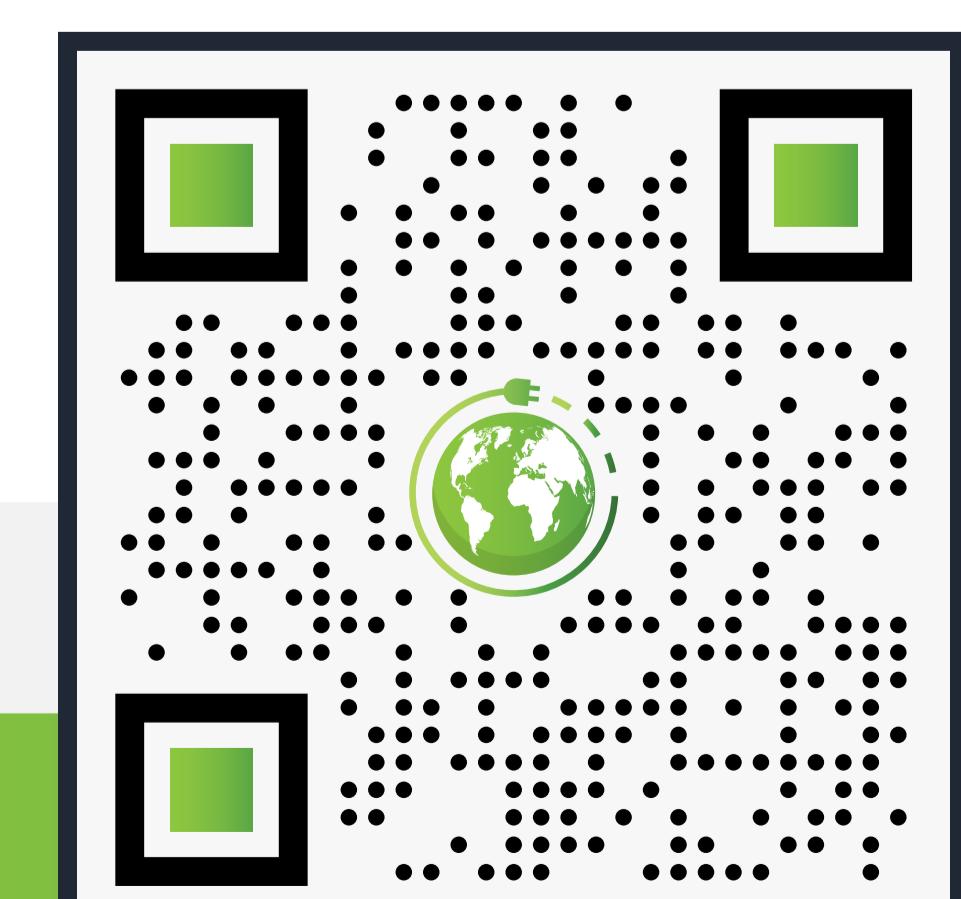
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