

World's first Magnetic Nanotechnology
for **Real-Time** CCS monitoring

- **Continuous**
- **Long Term**
- **Remote**

No need for capital intensive operations

- **No** sampling
- **No** drilling of monitoring wells
- **No** vessels

Technology Platform:

- Magnetic nano-agents
- Inherent re-writability
- Passive excitation
- Designed to interact with external stimuli (magnetic fields)

Nanoagents tag the CO₂ and passively interact with EM to produce a remotely measurable response over large areas and distances >2km

The very low background magnetism in storage reservoirs ensures the tagged CO₂ generates very high contrast compared to surroundings

