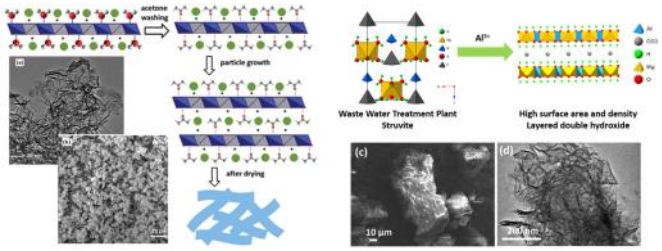
PROJECT NUMBER

8422, 9463, 16041, 23520

Super high surface area layered double hydroxides

Oxford scientists have developed novel methods for producing Layered Double Hydroxides with unprecedented high surface area and pore volume.

Applications: CO2 Sequestration, Additives, Sorbents, Catalysts, Catalyst Supports



Features	Benefits
Novel production methods for Layered Double Hydroxides	Produces super high surface areas and pore volumes, with novel morphologies
Super high surface areas and pore volumes Layered Double Hydroxides	Increased reactivity
Layered Double Hydroxides with flexible applications	Enhanced stability
	Materials have demonstrated pore volumes approx. 26 times greater than that observed for conventionally prepared materials
	Demonstrated exceptional CO2 sequestration properties

Features	Benefits
	Broad use across multiple industries; sorbents, polymers, catalysis etc

Patented and Available for

- Co-development
- Consulting
- Licensing

To find out more, contact enquiries@innovation.ox.ac.uk and quote the project number.

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