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<u>Pr</u>ocess-<u>I</u>nformed design of

tailor-made Sorbent Materials for energy efficient carbon capture (PrISMa)

The Challenge:

"There is currently no ability to quickly identify what processes and process conditions are optimal for a particular adsorbent to achieve the required specifications for a capture application" (Mission Innovation report)

Our Aim:

To accelerate the transition of energy and industrial sectors to a low-carbon economy by developing a technology platform to tailor-make cost-efficient carbon capture solutions for a range of different CO₂ sources and CO₂ use/destinations.

