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## <u>Process-Informed design of</u>

tailor-made <u>Sorbent Ma</u>terials 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 CO<sub>2</sub> sources and CO<sub>2</sub> use/destinations.

