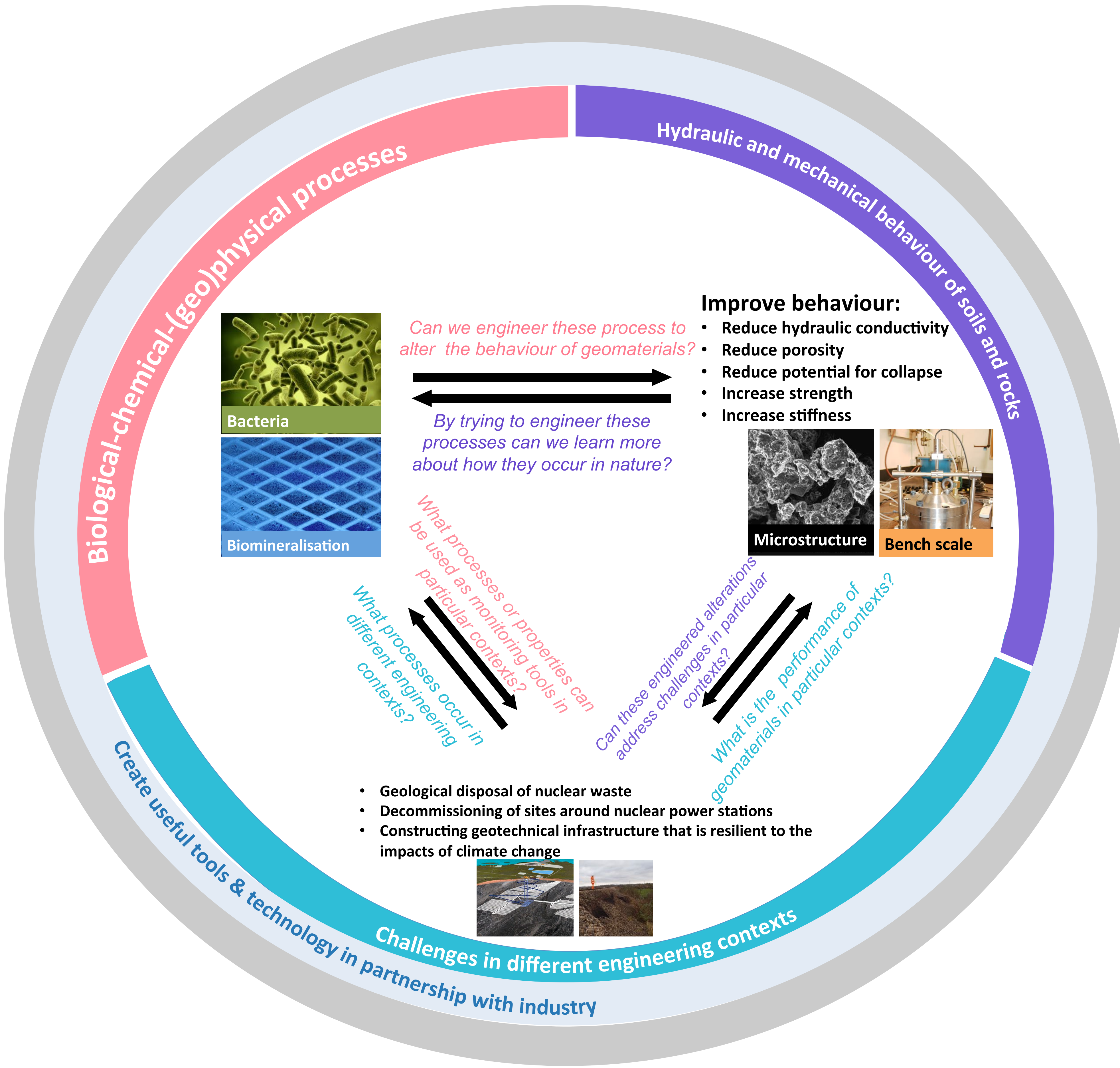




Dr Gráinne El Mountassir

Lecturer in Geotechnical Engineering,
Department of Civil & Environmental Engineering, University of Strathclyde
grainne.elmountassir@strath.ac.uk

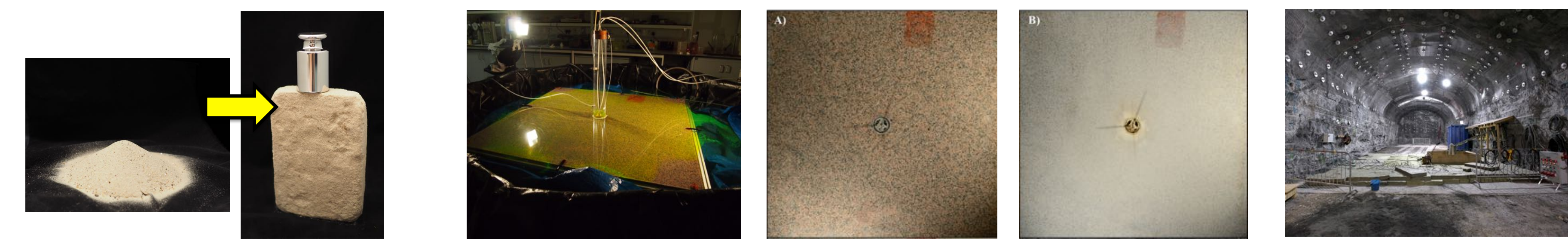
My research interests & vision



Current Projects & Collaborations

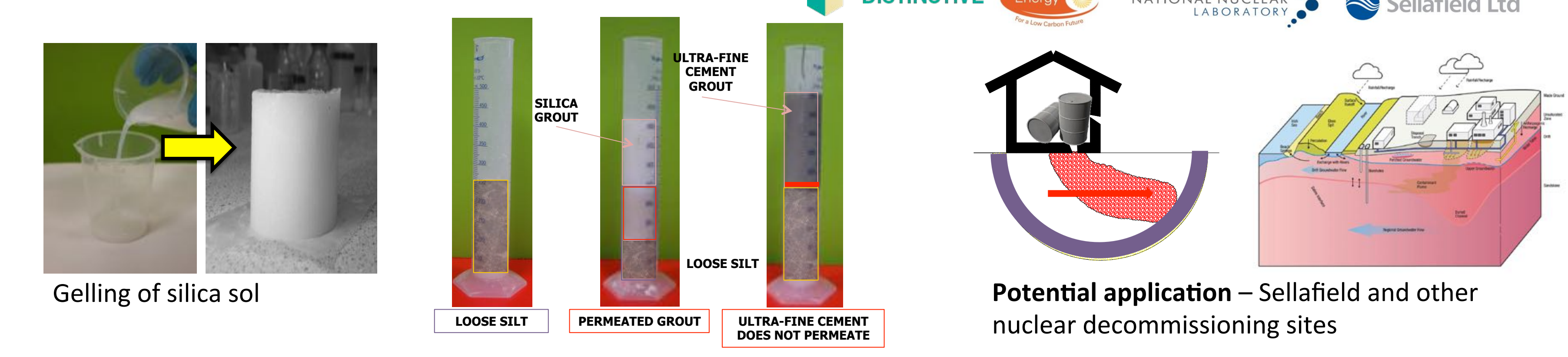
Biogrouts

- I am currently investigating the use of microbially induced calcite precipitation (MICP) for the stabilisation of soils and to reduce water flow in rock fractures.



Low viscosity grouts for hydraulic ground barriers

- I lead a Work Package on the EPSRC Project DISTINCTIVE investigating the potential use of colloidal silica for the creation of hydraulic barriers to reduce radionuclide migration on contaminated sites.



Detectable Grouts

- I am Co-investigator on an Innovate UK project collaborating with BAM Ritchies on the development of detectable grouts. A patent has been filed for the underlying technology.



Wider interests

Women in STEM

- Department of Civil & Environmental Engineering at Strathclyde have an Athena SWAN Silver Award.
- We are the **only engineering department in Scotland** to hold a Silver Award and **one of only 3 civil engineering departments in the UK** to hold a Silver Award.
- I am Chair of the Engineering Faculty's Women in Science and Engineering Committee (WISE) – we run initiatives to support women across the Faculty and the University.
- I am a STEM ambassador.

