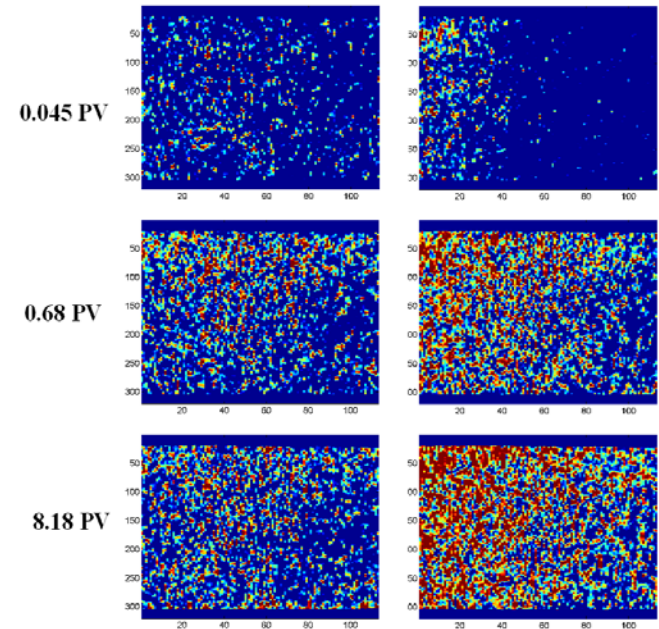


Improved Pore Space Utilisation



- Purpose is to:
 - Discuss concept of improved utilisation of geological storage space resource to increase CO₂ storage capacity
 - Review the current state of processes and technologies that enhance the utilisation of the storage space
 - Highlight key techniques recently emerged internationally
 - Provide a (possibly ranked) set of options for stakeholders to develop into their storage projects
- Members/Input from:
 - Australia, UK, IEAGHG,
 - France, Japan, Norway, UAE



X-ray CT images of Brine-Saturated Cores:

Right: Microbubble CO₂ Injection

Left: Normal-size Bubble CO₂ Injection

Improved Pore Space Utilisation topics



Topic	Review Status	Main Contributor
Regulatory considerations	Complete	IEAGHG
Technology & process review	In progress	Australia/UK
Microbubble injection	Complete	Japan
Saturated water & geothermal energy production	Complete	France
Compositional & temperature swing injection	Complete	Norway
Ranked technique effectiveness	In progress	Australia/UK

Route to Completion: Target Mid Year CSLF 2018

1. Current draft version is in track changes; work required to clean up Jan 18
2. Sent to Task Force Members for review/checking of their inputs Mar 18
3. In progress work completed and circulated to all CSLF Technical Group Apr 18