

Infrastructure

Infrastructure: Grouping of items

Analysis/Assessment

- Set of scenarios (onshore capture-offshore transport and injection, others)
- Transport (ship versus pipeline)
- New build versus re-purposing (e.g., is it more cost-effective to retrofit versus new build?; identify changes that are needed, what does not need to change)
- **EOR – is it best suited for new oil recovery or nearly depleted fields**
- Recommended action: Workshop/task Force
 - Baseline of existing analyses, methodologies, etc.
 - Goal: Define next steps/action plan

Develop infrastructure test program

- assess needs and goals
- Identify infrastructure for tests
- Find late-life oilfields for CO2 pilots
 - Identify a prioritized list and infrastructure requirements for late life oilfields
- Build pipelines, wells, etc. that can be converted to CO2 later (pre-invest)
- Need an offshore pilot that can be used for technology development
- Create overview on when infrastructure becomes available to model a masterplan for CCS roll-out

Understanding sources – impact on infrastructure

- Intermittency
- Composition
- (cold conditions)