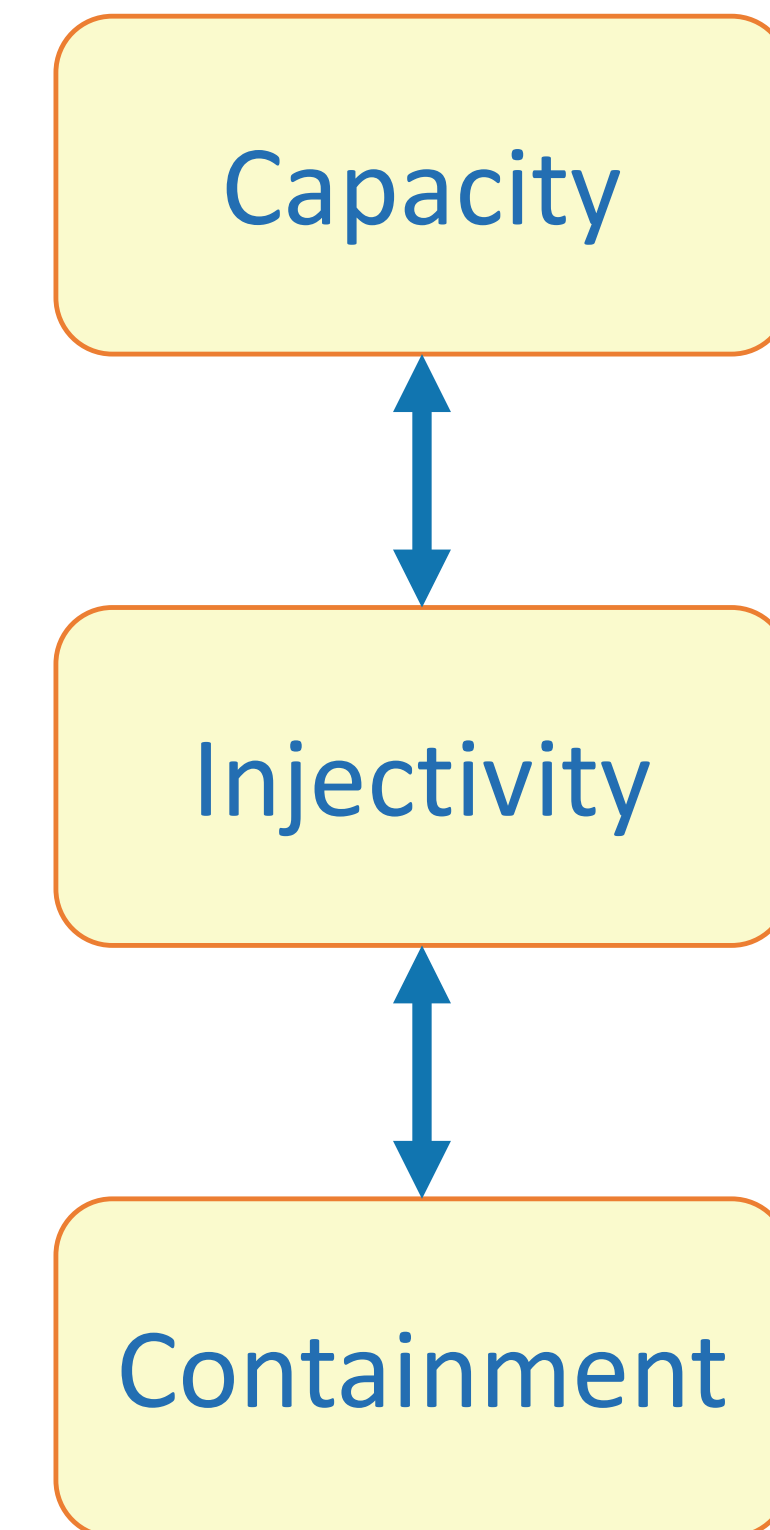
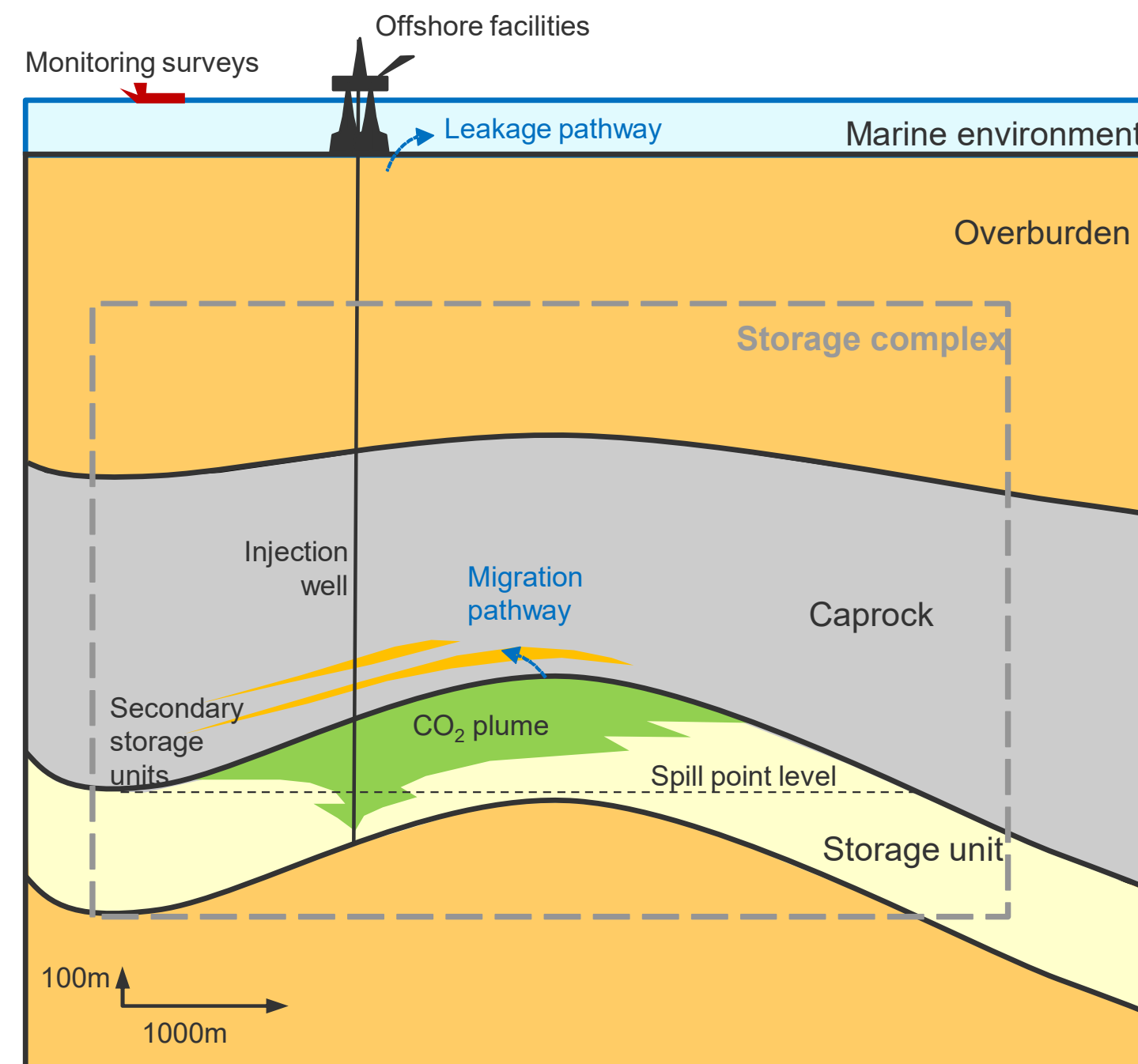


Storage issues

- ▶ *Capacity* — is there room for the required CO₂ storage volume over the project lifetime?
- ▶ *Injectivity* — will we be able to inject the CO₂ at a sufficient rate using the available injection wells?
- ▶ *Containment* — will the CO₂ remain in the geological storage unit or could it migrate to another geological formation or even leak out?



Some important terms/concepts for CO₂ Storage



- The storage complex versus the storage unit:
 - A larger volume of rock needs to be considered
- Migration versus leakage:
 - Leakage has a precise legal definition
- Specific legal frameworks:
 - e.g. EU Storage Directive
- Different project phases and timeframes:
 1. Site Selection
 2. Storage Operation
 3. Site Closure
 4. Post-closure Stewardship
- High level of public scrutiny / interest