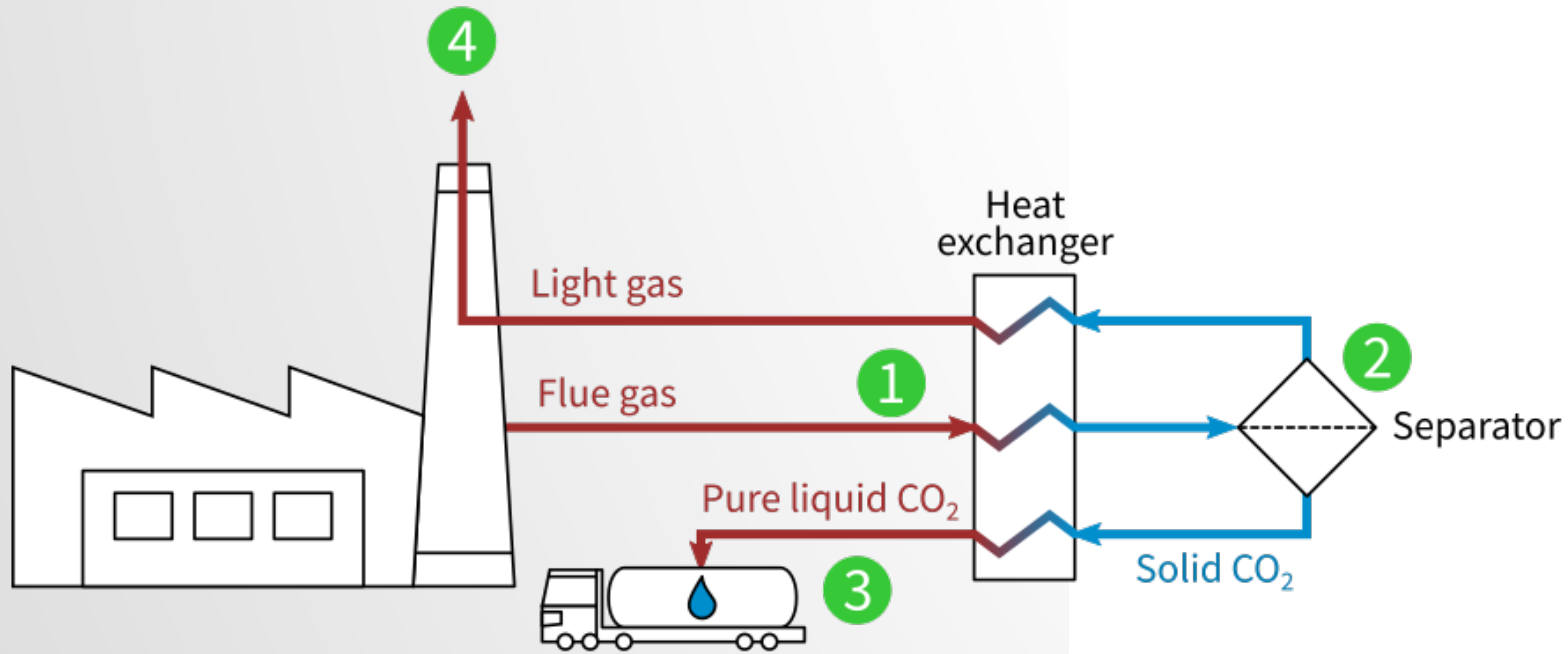


CRYOGENIC CARBON CAPTURE

- Physical (phase change) rather than chemical separation
- Energy efficient and cost effective
- Collects CO₂ and heavier species (SO_x, NO₂, Hg, PM_{xx}, VOC_s)
- Bolt-on Retrofit
- Requires only electrical power
- Recovers water from flue gas
- Enables grid-level energy storage
- Provides much more efficient direct air capture
- Demonstrated in the field at power plants, heat plants, cement, ... with coals, biomass, natural gas, waste, shredded tires ... as fuels.

CONCEPTUALLY SIMPLE PROCESS



- 1 Flue gas is cooled
- 2 CO₂ is separated as a solid from the light gases
- 3 CO₂ is melted and prepared for transport
- 4 Light gases are reheated and released to atmosphere

