Industrial Panel Session
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Imagination at work.
What is required for \( \text{sCO}_2 \) cycles to flourish?

... they need to solve a problem
Historical trends

Continuous push on technology and temperature
Why sCO$_2$?

**Value aspects of sCO$_2$ cycles:**
- Cost effective high temperature capability
- Power density
- Cycle efficiency

**Technology advances to enable sCO$_2$ cycles:**
- High temperature heat exchangers
- Advanced materials
- Very low leakage sealing

sCO$_2$ offers potential for next generation of power
sCO₂ applications

Early demonstration of sCO₂ will build momentum