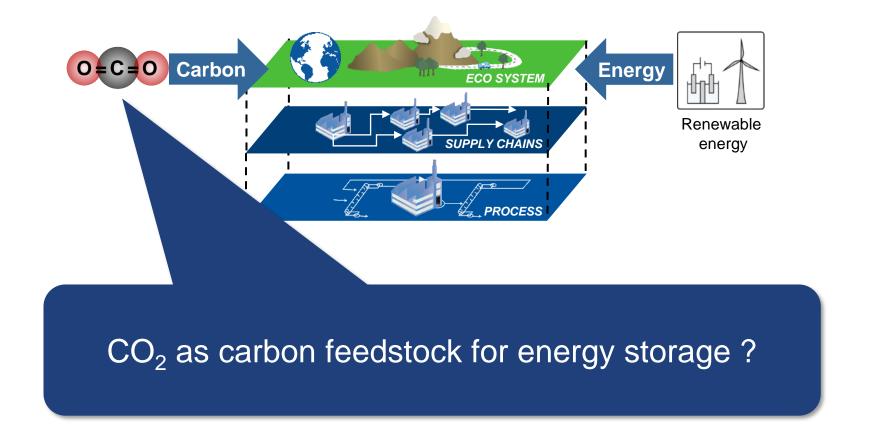


Energy & Process Systems Engineering

From molecules to sustainable energy & chemicals

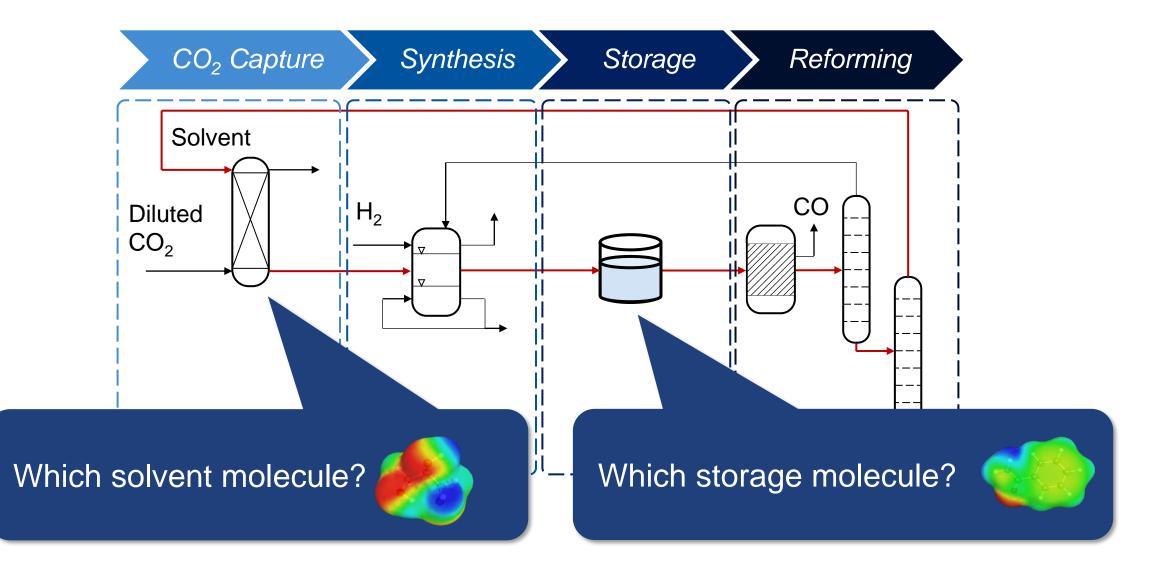
André Bardow Energy & Process Systems Engineering

From Molecules to Sustainable Energy & Chemicals



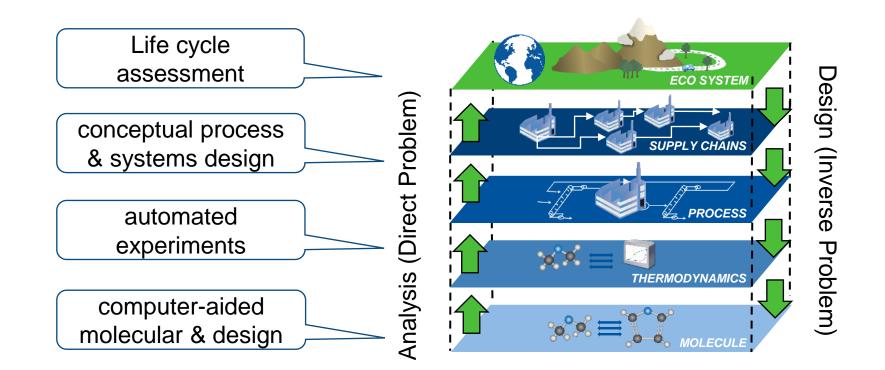


Chemical Energy Storage by Integrated Carbon Capture & Conversion



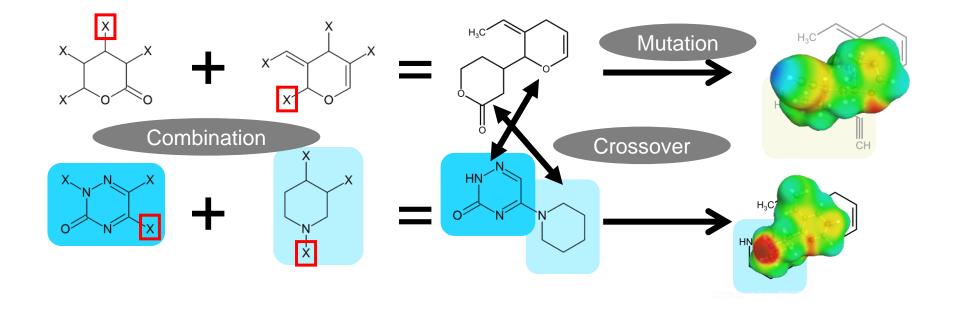


From Molecules to Sustainable Energy & Chemicals



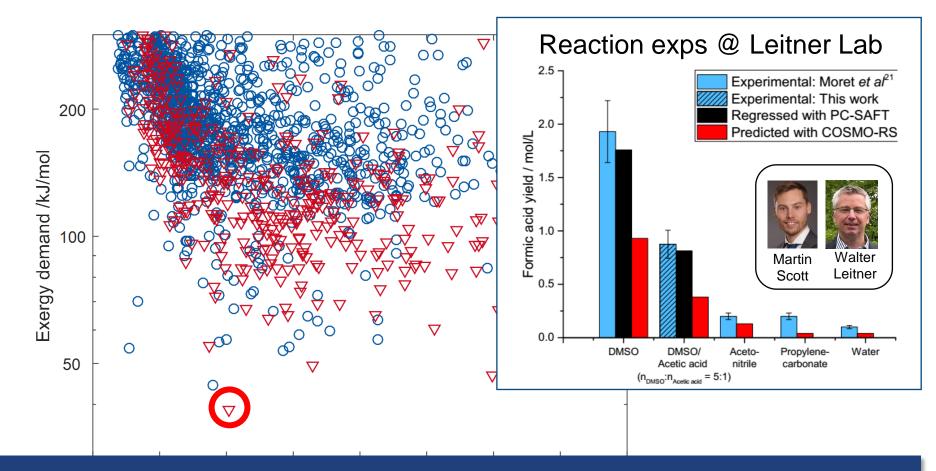


Computer-aided Molecular Design using Quantum Mechanics



- *In silico* prediction of process performance of novel molecules
- Explore the molecular space in process optimization

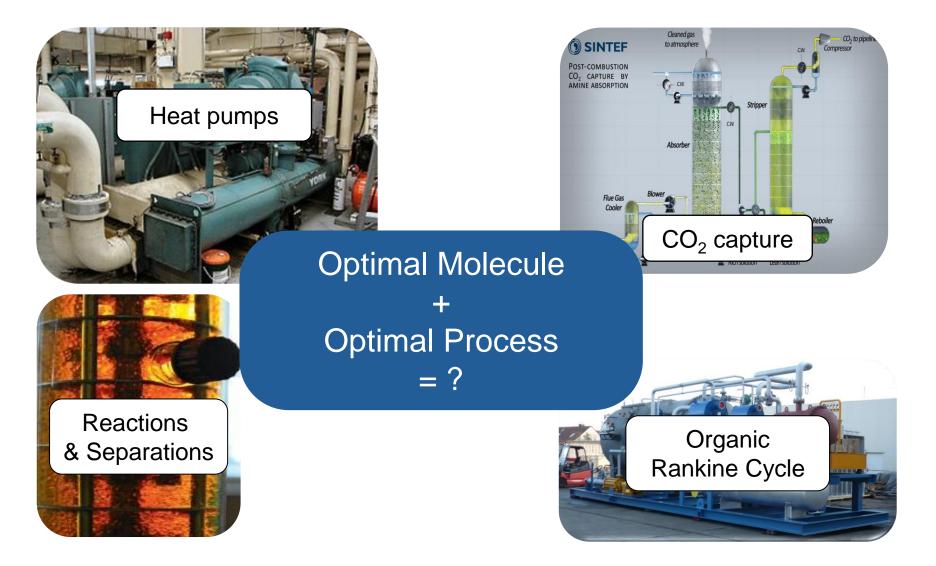
Chemical Energy Storage by Integrated Carbon Capture & Conversion



Efficient design of optimal molecules & optimal processes

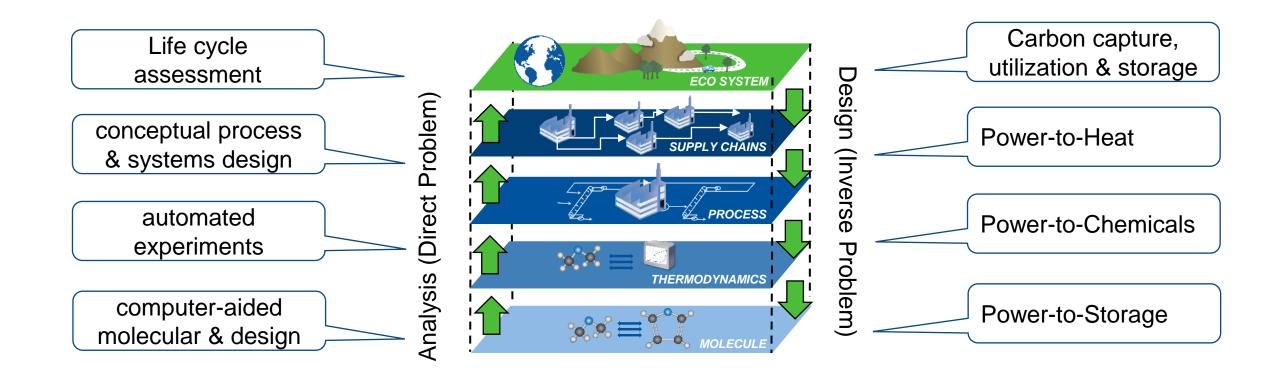


Integrated Design of Molecules & Processes





From Molecules to Sustainable Energy & Chemicals





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Thank you for your attention!

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