

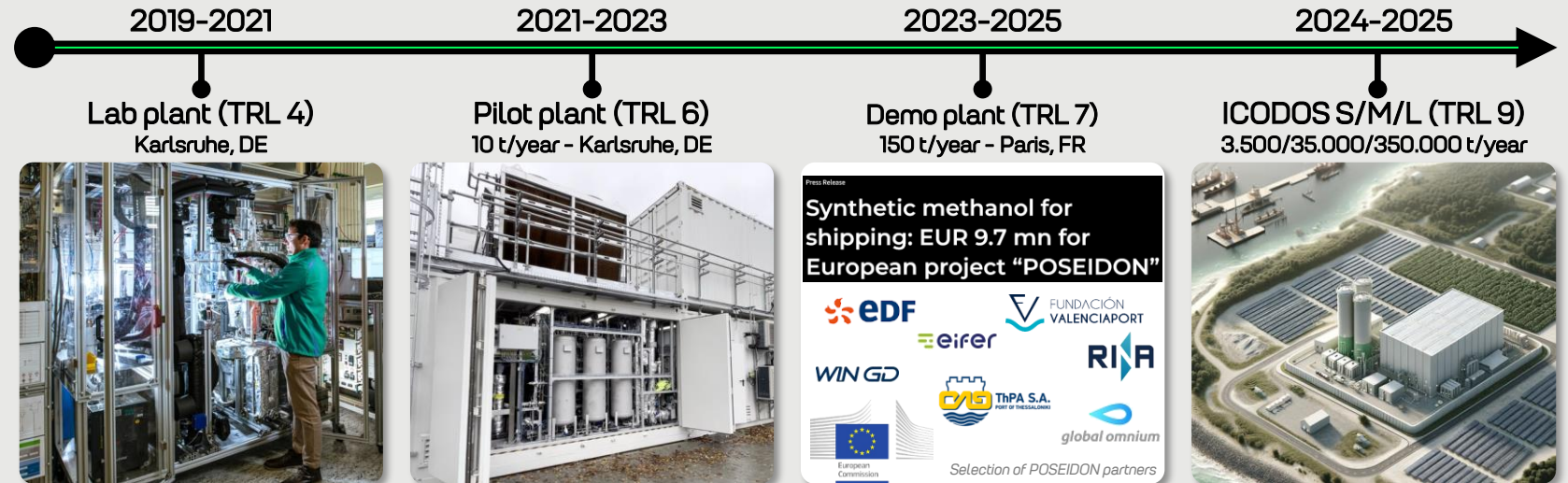
A 3D rendering of a molecular structure, possibly representing green methanol, with green spheres and connecting rods, set against a dark green background with bokeh light effects.

A proven transformative
technology to reduce cost
of green methanol production

About ICODES

- ICODOS, a German technology solutions company, facilitates the energy transition by ensuring cost-effective sustainable methanol production at-scale
- The key innovation interlinks carbon capture with methanol synthesis in fundamentally different way and translates this "hybrid process" in a modular design, significantly cutting cost
- ICODOS' hybrid process enables a continuous regeneration of the carbon capture solvent as well as a dynamic and fully automated production of the whole plant, making off-grid production possible and creating best conditions to cope with intermittent renewable energy supply
- The team consists of a world class international management & engineering team




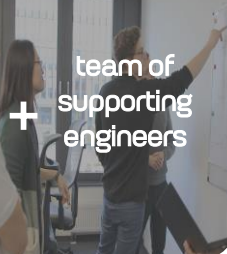
























ICODOS strives to be the e-methanol technology provider of choice enabling cost-effective e-methanol production of >1 mn tons p.a. by 2030



Why to partner with ICODES:

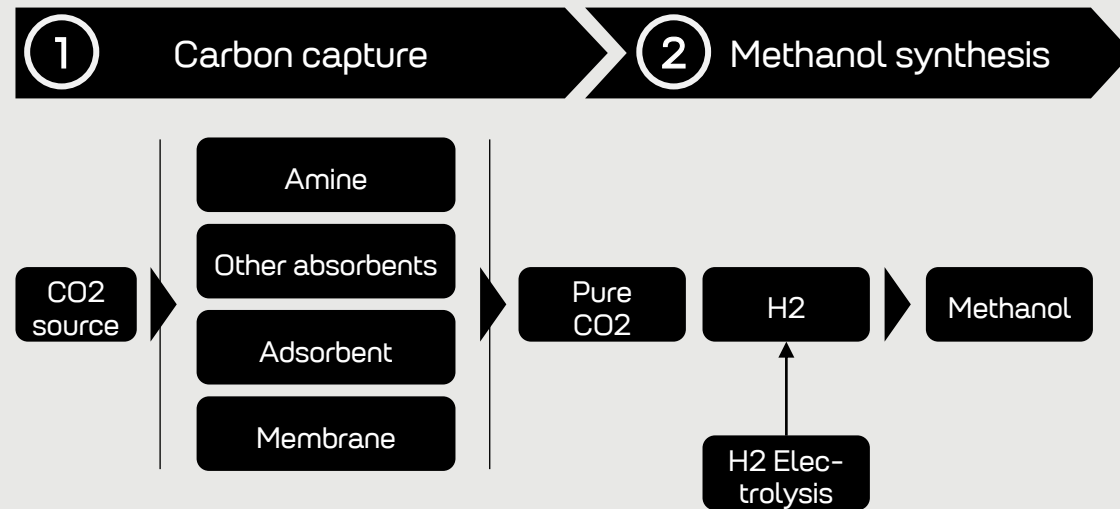
- Step-change e-methanol production technology (German KIT spinoff) achieving >20% e-methanol cost reduction today
- Optimized for renewable energy & modularized plants, reducing project development time & risk due to pre-construction
- Solid investor and government support, backed by >€18 mn in private funding and public grants (mainly Horizon Europe)

Management, Team, and Advisors

 Dr. Francisco Vidal Vazquez Co-Founder & CTO	 David Strittmatter Co-Founder & CEO	 Jens Geppert Co-Founder & COO	 + team of supporting engineers					
<div>business + & industry advisors</div> <table border="0"> <tr> <td data-bbox="1358 1196 1556 1366"> L. Daniel Angeli ex-SVP BASF  </td> <td data-bbox="1574 1196 1875 1366"> Frank Zimmermann ex-CFO at H-TEC (PEM electrolysis)   </td> <td data-bbox="1893 1196 2066 1366"> Andrew Eckhardt ex-VP at KfW IPEX   </td> <td data-bbox="2084 1196 2219 1366"> Dietrich Roeben ex-Asset Builder & Manager at Shell & TotalEnergies   </td> <td data-bbox="2237 1196 2410 1366"> Prof. Dr. Roland Dittmeyer Head of Institute „Mikroverfahrenstechnik“ KIT  </td> </tr> </table>				L. Daniel Angeli ex-SVP BASF 	Frank Zimmermann ex-CFO at H-TEC (PEM electrolysis)  	Andrew Eckhardt ex-VP at KfW IPEX  	Dietrich Roeben ex-Asset Builder & Manager at Shell & TotalEnergies  	Prof. Dr. Roland Dittmeyer Head of Institute „Mikroverfahrenstechnik“ KIT 
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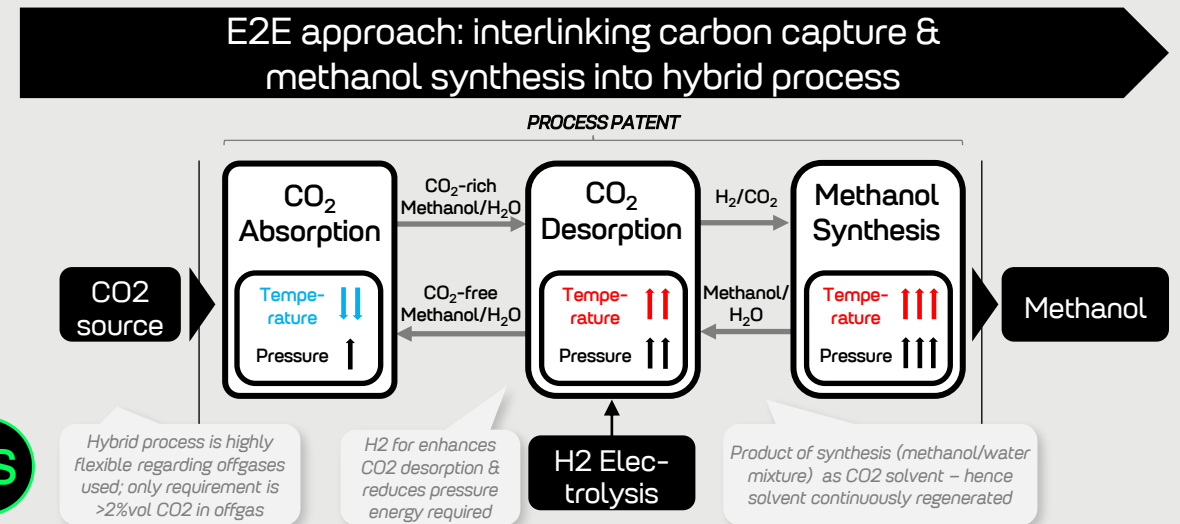
ICODOS pioneered a fundamentally different, superior technology for e-methanol production, end-to-end optimized for sustainable energy supply

State-of-the-art: Two processes, massive 1-of-kind plants, optimized for fossil energy

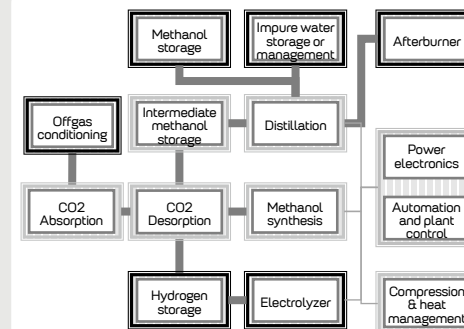


- X Silo-view on production, no E2E solution for carbon capture & synthesis
- X Massive 1-of-kind plants without learning effects (no playbook)
- X Optimized for non-intermittent fossil energy (gas, coal) & dependent on massive buffering storage
- X Highly complex plant construction and dependent on ideal location

ICODOS: One process, modularized plant design, E2E optimized for sustainable energy



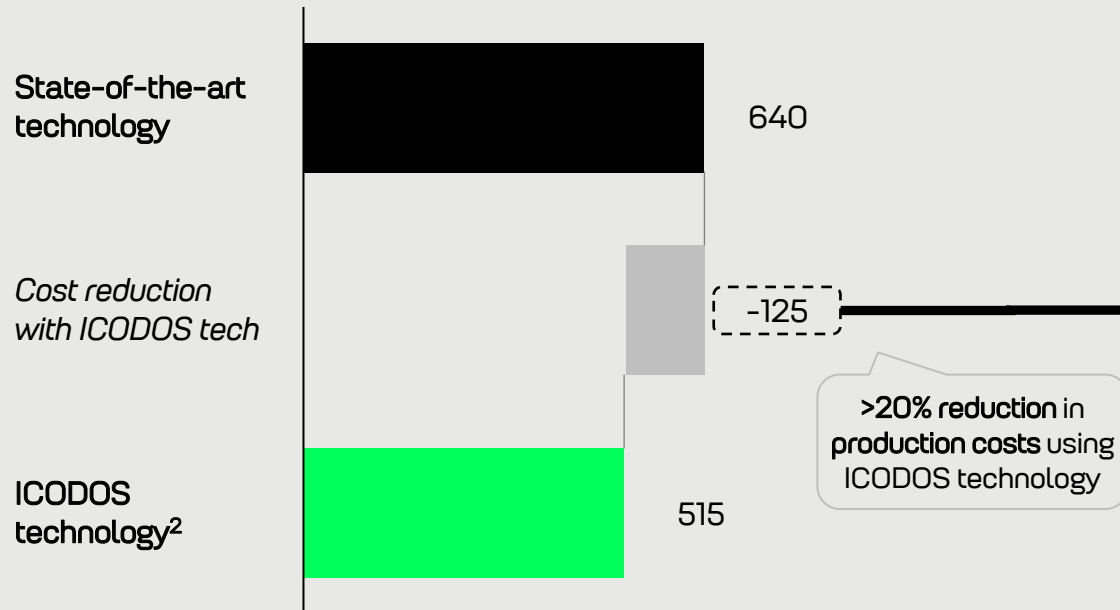
VS



- ✓ 1st company with an E2E optimized e-methanol process based on deep expertise of CTO
- ✓ Reduced CAPEX (number of interfaces & instruments) enabled by hybrid process
- ✓ Natively optimized for dynamic production & sustainable energy
- ✓ Autonomous production & remote monitoring enabled
- ✓ Construction & deployment in months & easy relocation of plant enabled

ICODOS' patented technology enables e-methanol production for competitive price – **cost reduction >20% vs. state-of-the-art technology**

Total cost per ton of methanol¹ (EUR/ton)



Why ICODOS technology?

Cost Efficiency: Technology achieves >20% reduction in e-methanol production costs, combining economic viability with operational excellence

- 1 E2E approach:** Hybrid process cuts >30% of energy demand for CO₂ absorption & desorption and reduces equipment needed (CAPEX)
- 2 Dynamic & Autonomous:** Production plants operate dynamically & autonomously, reducing storage, energy, and human O&M costs
- 3 Efficiency & Sustainability:** No performance loss, longer lifetime, and no solvent procurement & management



Non-cost related advantages: additional benefits further amplify the transformative impact of ICODOS technology

- **Modularized Plants:** Plant pre-construction reduces time & risk significantly, decreasing complexity in construction and improving scalability
- **Versatile Production:** Enabling both on-grid and off-grid production, ICODOS technology provides unparalleled versatility
- **Regulatory Compliance:** Alignment with EU's Delegated Act, ensuring carbon-neutral e-methanol production



Why partnering with ICODOS?

- 1 High Flexibility:** High degree of adaptability to swiftly adjust to diverse project requirements
- 2 Collaboration Expertise:** Experience in partnering with industrial firms, e.g., EDF & POSEIDON partners
- 3 EU Presence:** ICODOS maintains significant footprint in European Union, particularly in Germany
- 4 Transparency & Long-Term Orientation:** Partner with long-term commitment, seeking collaboration

ICODOS seeks an industrial partner for the erection of a >3500 ton/year e-methanol plant with substantial mutual benefits



Technology, plant design, services

Pure technology and plant design company (at this stage). Supply of:

- ✓ Hybrid process, system design, core equipment and services to support any selected project.
- ✓ Software for the automated plant operation and any process improvements to gain in efficiency and durability.

Potential plant construction companies

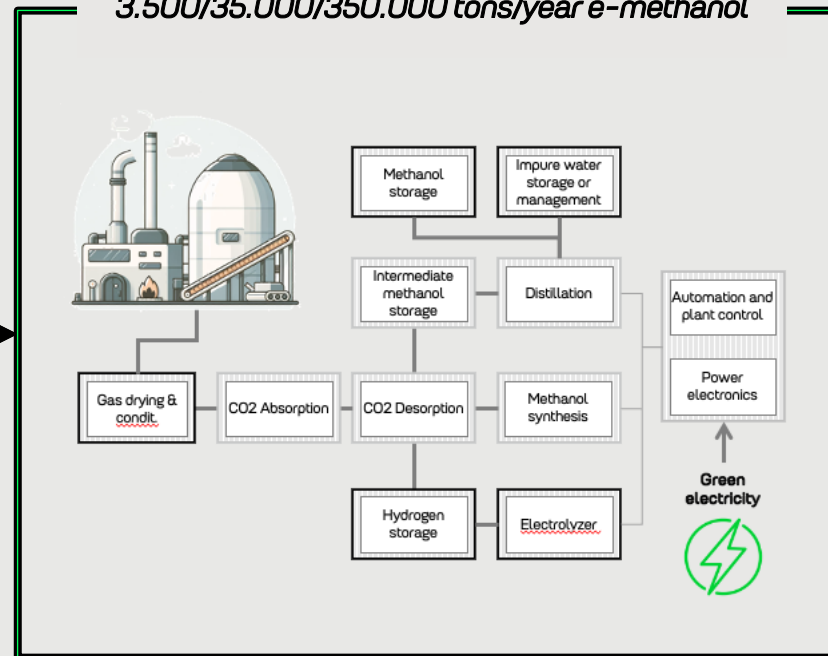
Construction of ICODOS plant design



Exemplary

ICODOS Plant S/M/L

3.500/35.000/350.000 tons/year e-methanol



ICODOS tech costs are <20% of plant cost whereas standardized equipment & general expenses account for >80% of total costs

Industrial Partner

Exact role to be defined, e.g., owner, investor, offtaker, location provider...

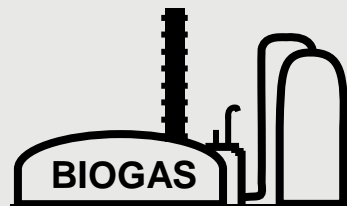
Industrial partner for the erection of a >3500 ton/year e-methanol plant in co-location to biogenic CO2 source

Benefits of joint project:

- ✓ privileged access to technology
- ✓ lighthouse climate technology partnership with great potential for public subsidies/ grants
- ✓ enhance value of biogenic CO2 source, e.g., biogas
- ✓ fast-paced project development as offgrid production is possible
- ✓ foundation for further joint projects (long-term partnership)

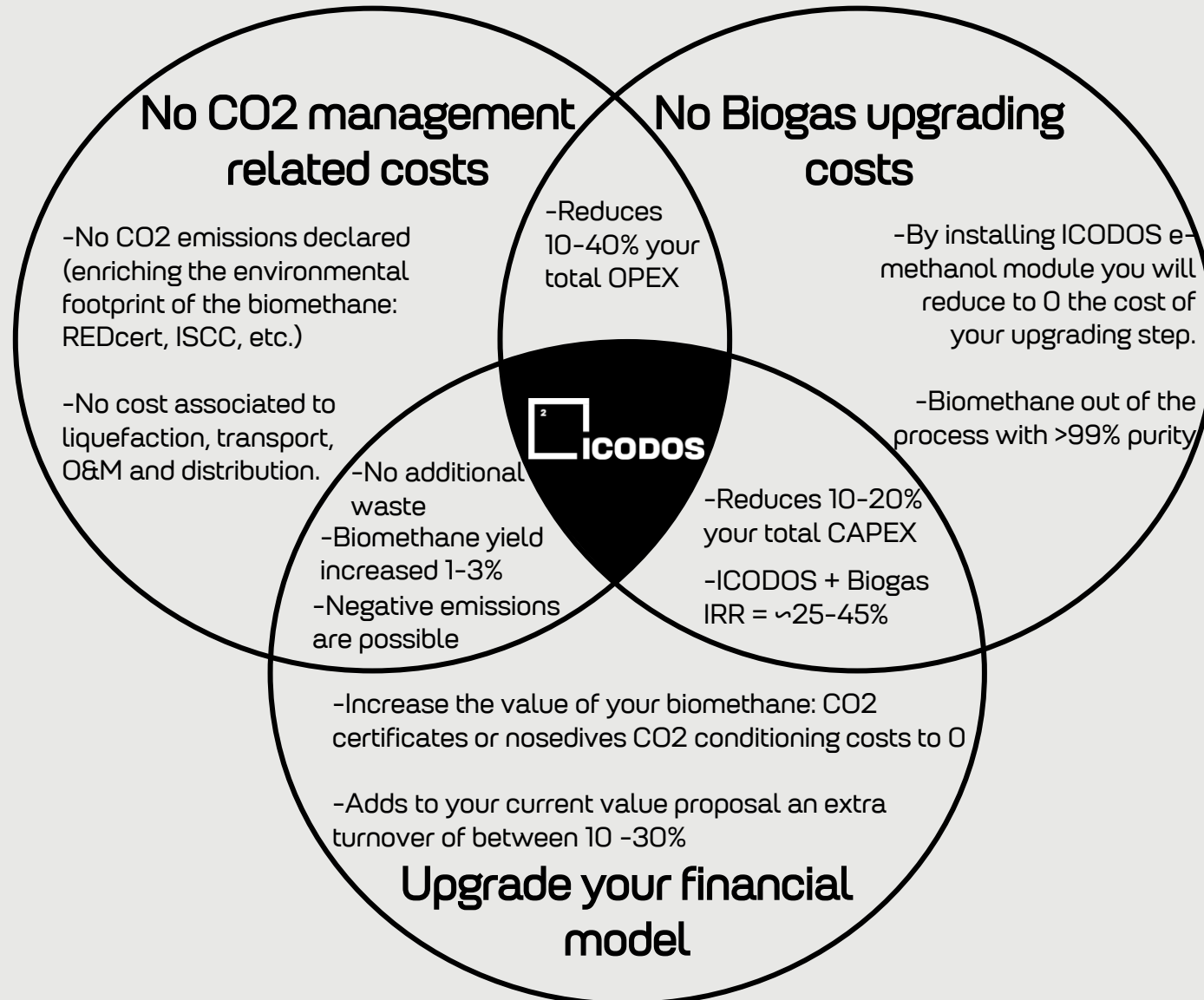


BIOGAS PROJECTS



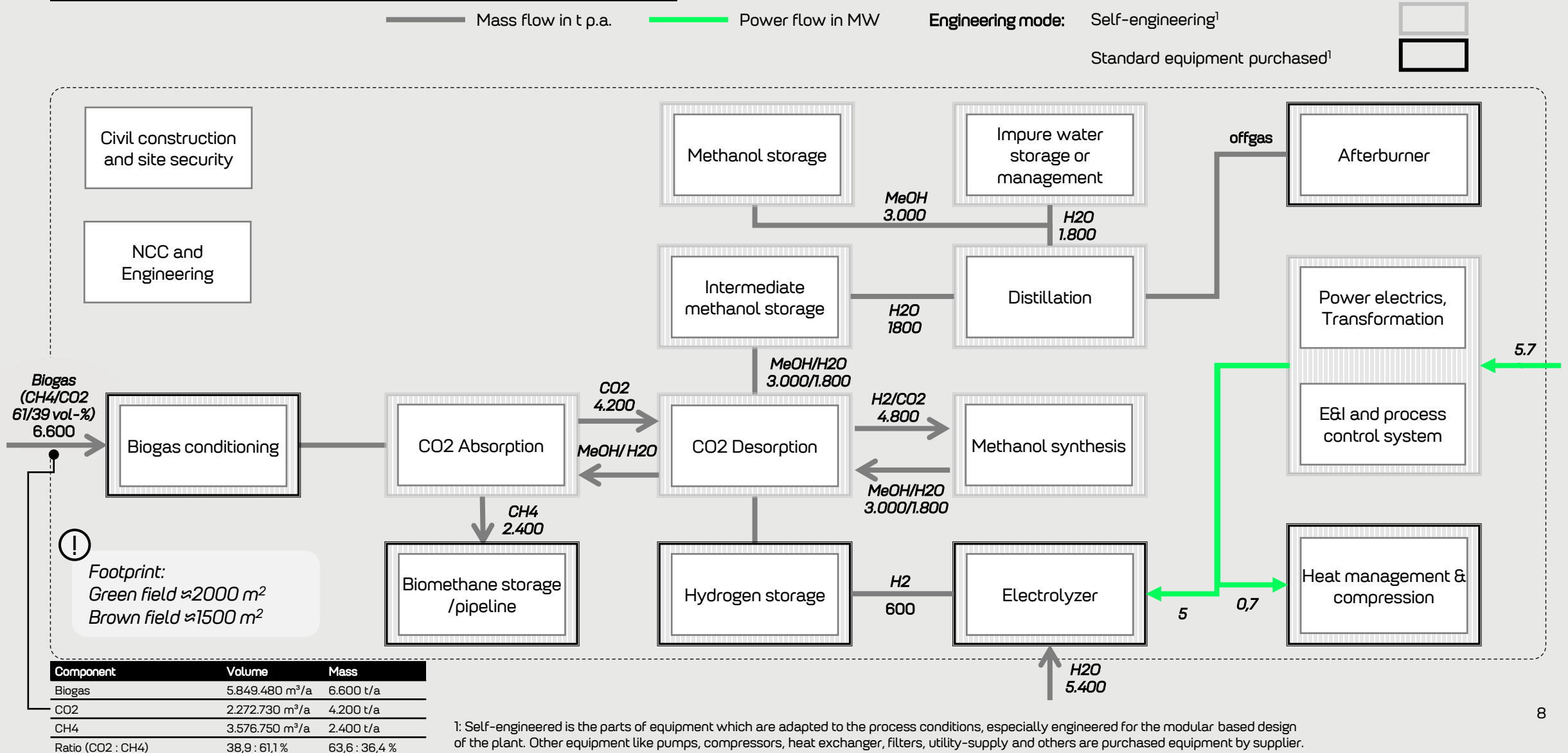
How could you envision to integrate ICODOS technology in your upcoming projects?

ICODOS e-methanol technology may bring your biogas project **several advantages while improving** the overall attractiveness of the model



ICODOS modularized plants allows for lean cost competitive production and enables fast scaling

REPRESENTATIVE EXAMPLE FOR BIOGAS AS CO₂ SOURCE FOR ICODES PLANT S





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