

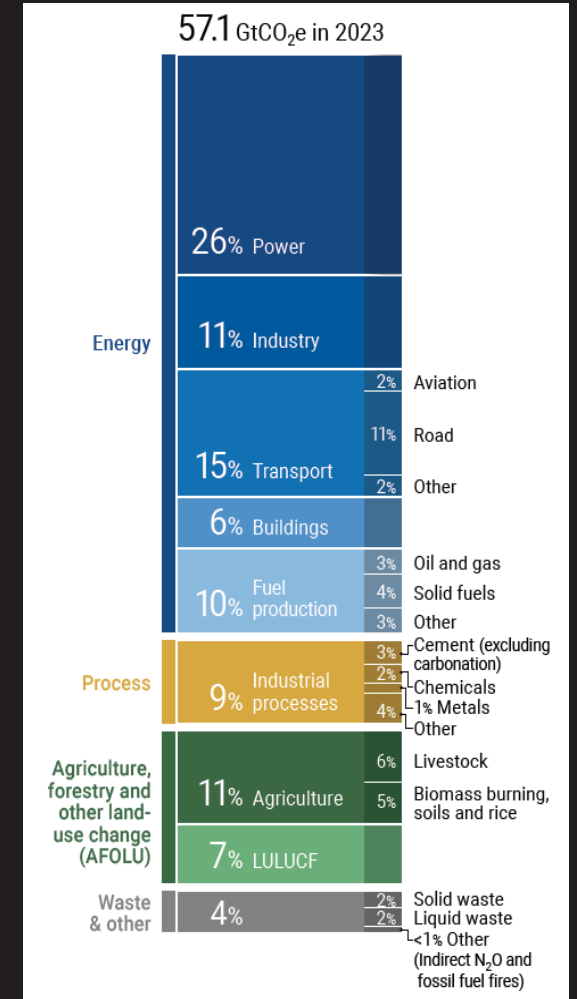
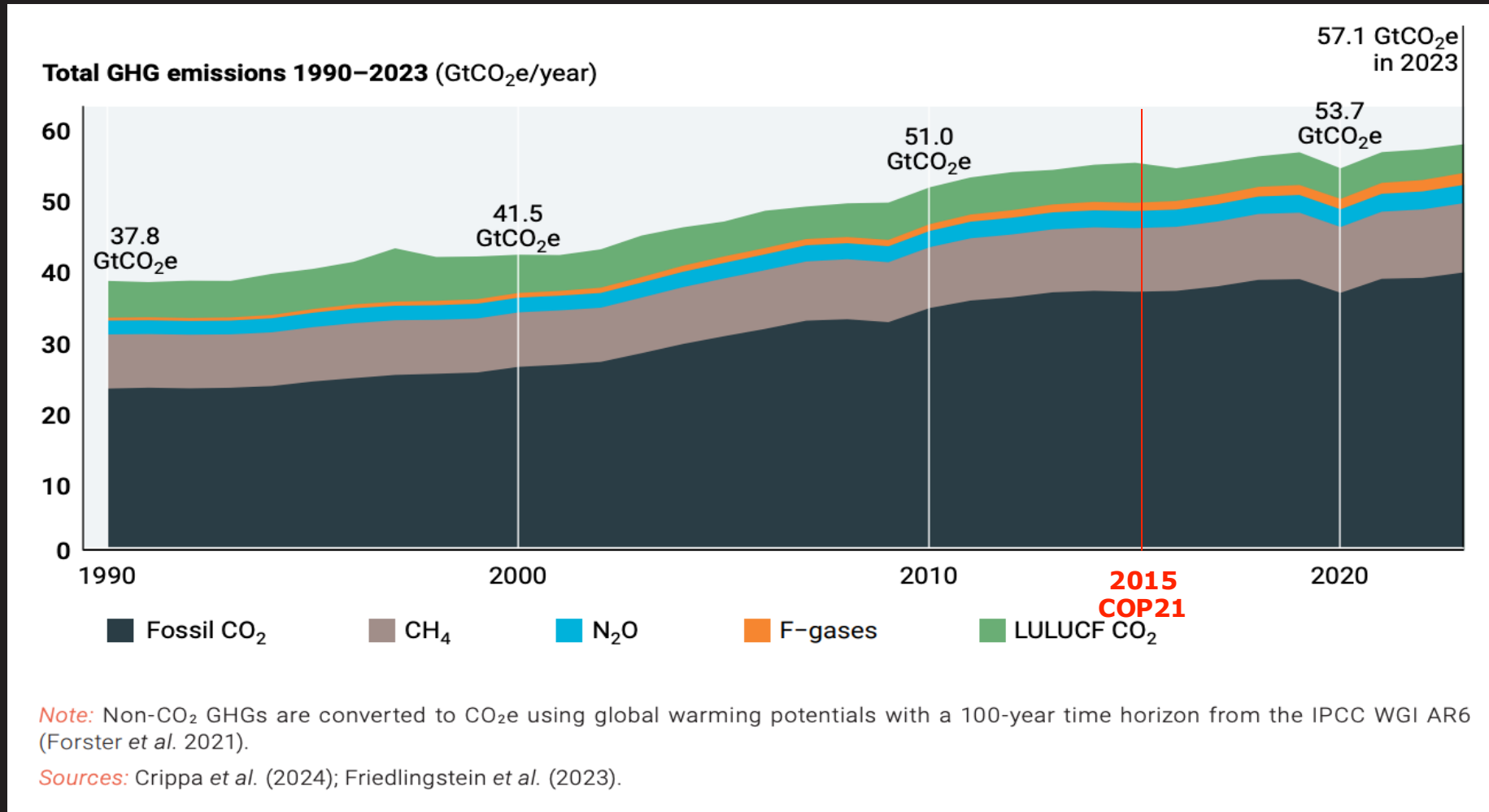


SMARTENERGY

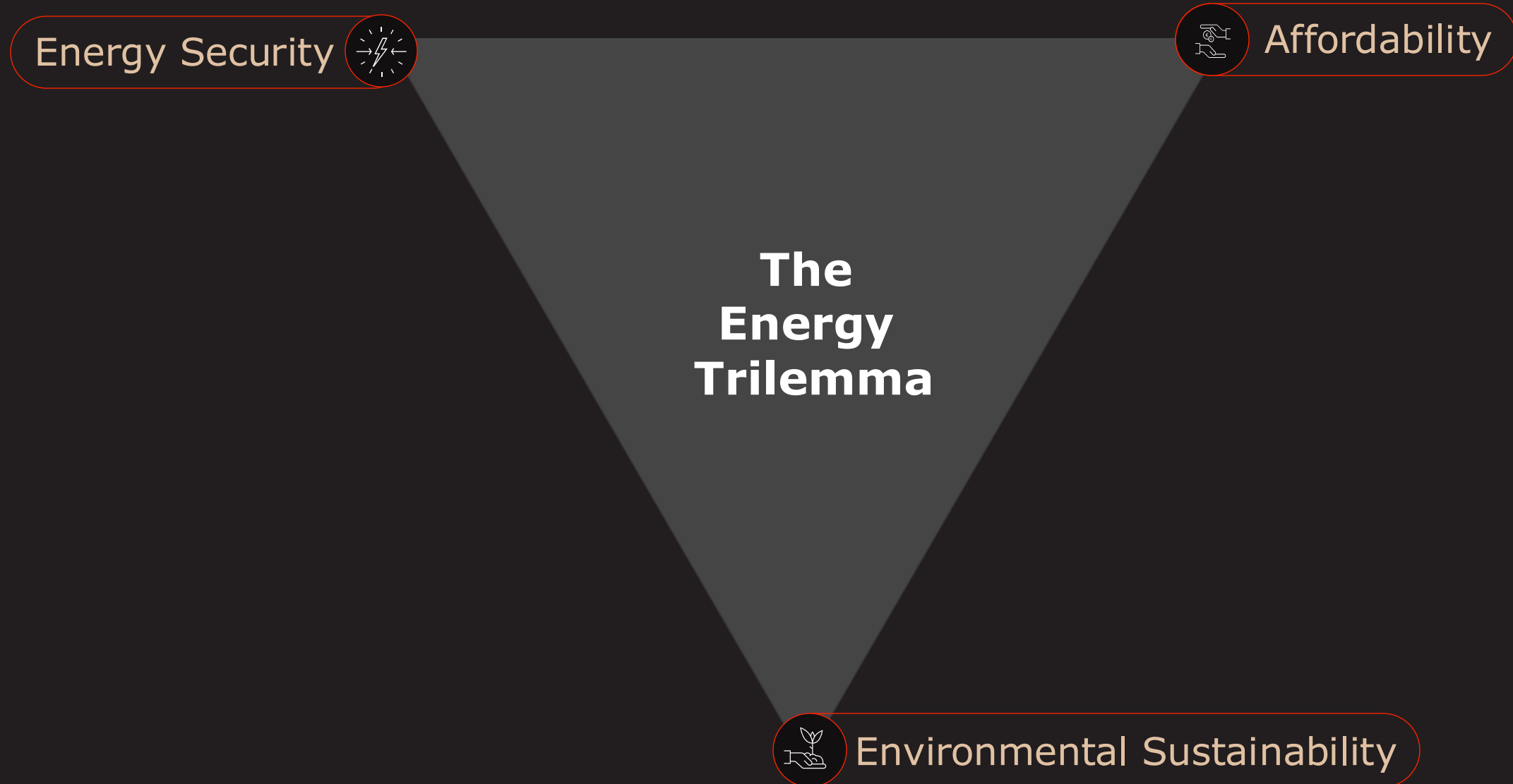
The next dimension of renewable projects

Christian Pho Duc, CTO
Energy Week @ ETH 2024
Zurich, 5. November 2024

UN emission report 2024: We are on the path to +3°C by 2100



Renewable projects: Is focusing on the energy trilemma sufficient?

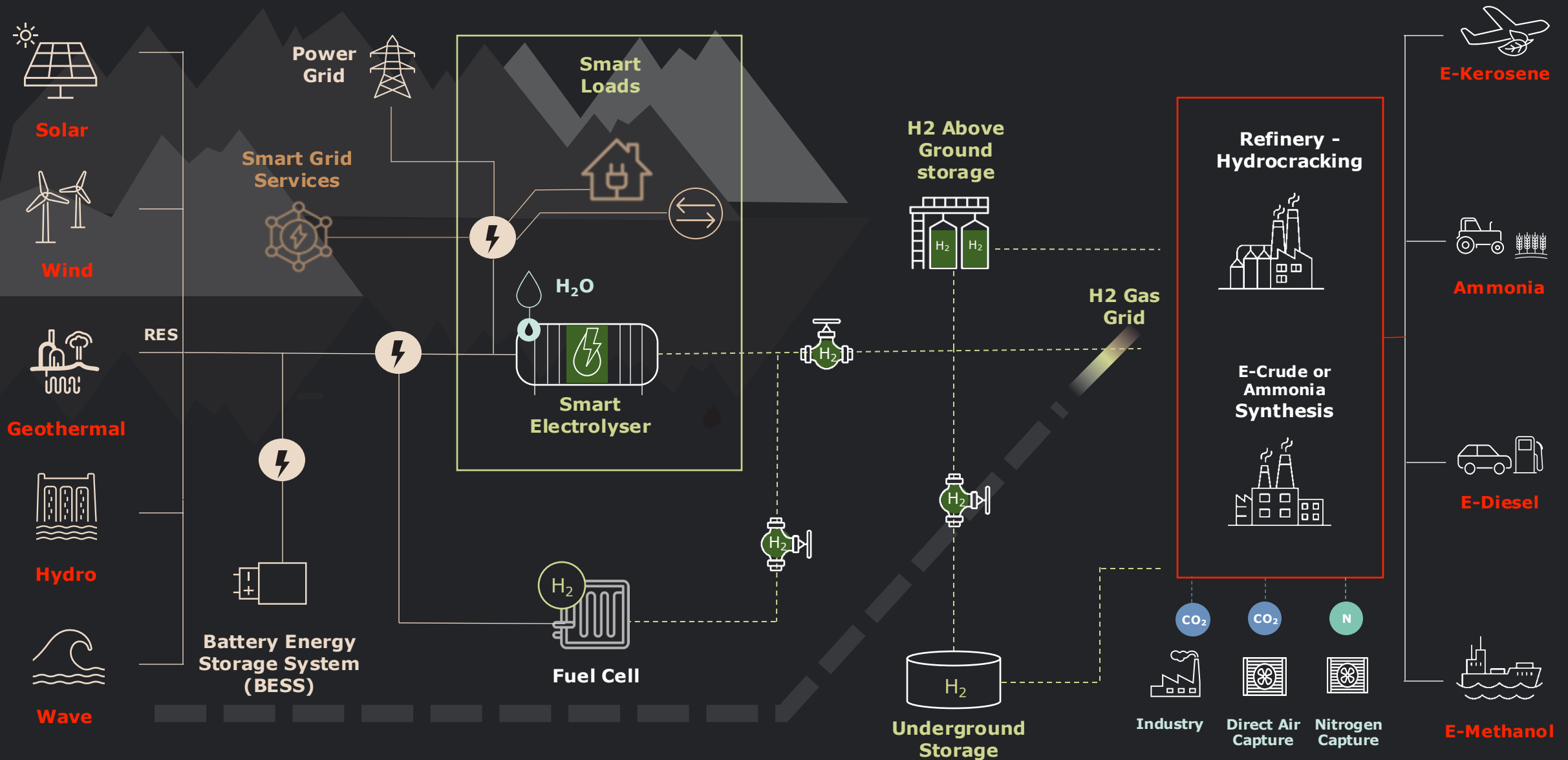


The fourth dimension: Without motion any project is not existing



Sources: Smartenergy and Reacting to changing paradigms: How and why to reform electricity markets, Karsten Neuhoff, Jörn C. Richstein, Mats Kröger

Towards a high-renewables future: Symbiosis is key in project design



Attracting renewable energy projects into a country



Ambundant
Renewable
Natural
Resources &
Infrastructure



Stable Policy/
Framework/
and Fast
Tracking
Permitting



Efficient Public
Funding



Positive Public
Opinion



Attracting investors into renewable projects



Business case

- IRR and cash flow
- WtP and market fit
- Low risk profile



Stability

- Policy
- Project partners
- Off-taker



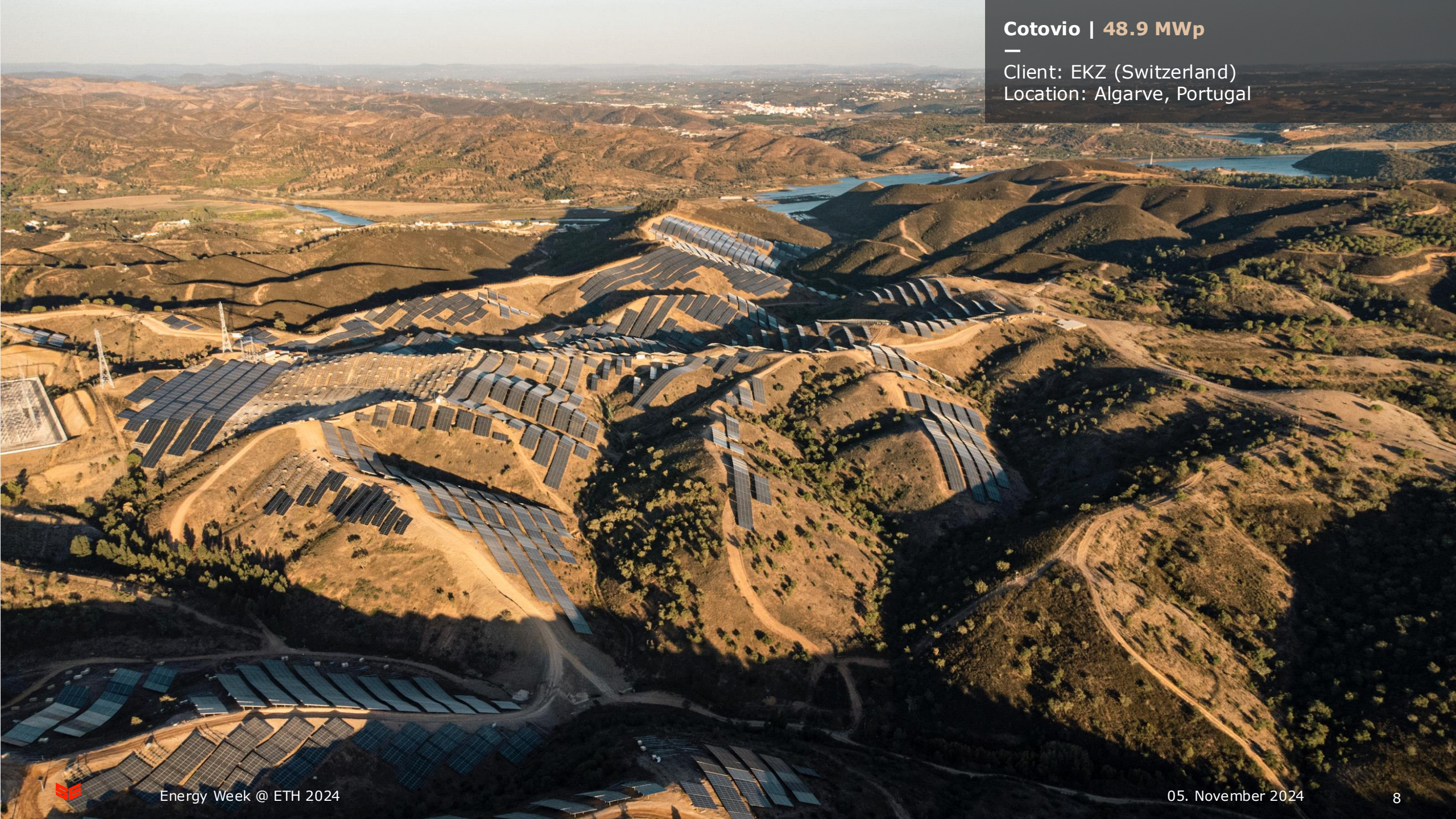
Maturity

- Advanced development
- Proven technology
- Track record



Strategic fit

- Investor strategy
- Invest schedule
- Portfolio mix



Cotovio | 48.9 MWp

—
Client: EKZ (Switzerland)

Location: Algarve, Portugal

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"The best view comes after the hardest climb."

"The only limit to our realisation of tomorrow is our doubts of today." – Franklin D. Roosevelt

"It always seems impossible until it's done."
– Nelson Mandela

Thank you!

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