



SMARTENERGY

Evolving into a Sustainable Future: From Green Molecules to RES-Powered Data Centers

Christian Pho Duc
Portugal Renewable Energy Summit
Lisbon 02.10.2025

State of the Union
Address 2025
Ursula von der Leyen
in Strasbourg,
10.09.2025

- “the EU is in a fight”
- “ready to defend itself”
- “be competitive and prosperous”
- “a reliable global partner”
- „massively investing into AI Gigafactories”
- “will launch a Battery Booster Package ...”

Energy transition: latest updates from Brussels



Focus on reliability,
security of supply and
cost-effectiveness



Hydrogen Week: Lower
expectations but 10x FID
within 5 years

Power System flexibility is an economic opportunity for end-users supporting resilience and competitiveness



By 2030, a flexible and electrified energy system could:

EU annual savings in
fossil fuel imports

**€130
billion**

**Resilience
Energy
Security**

Tonnes of CO2
emissions avoided p.a.

**150
million**

**Climate
as a
side effect**

Decrease in wholesale
day-ahead electricity
price

-25%

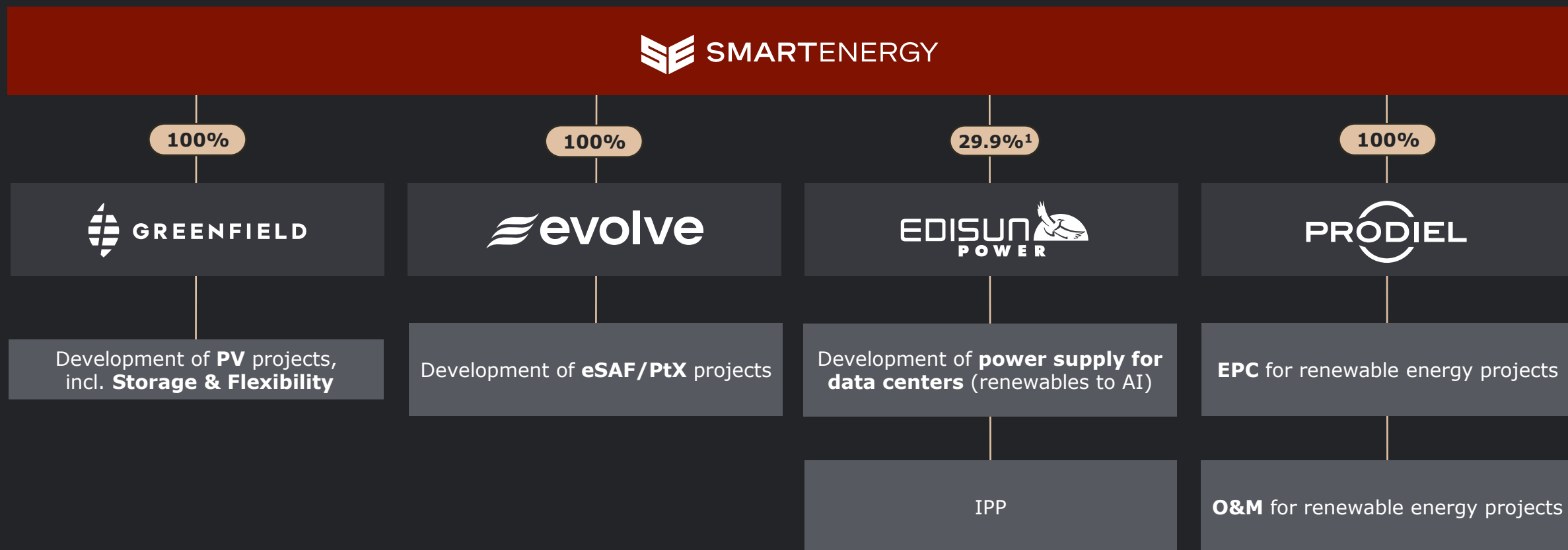
Competitiveness

Reduce el. distribution
grid investment from
ca. €265 billion to

**€140
billion**

Savings

Investing since 2011 - specific focus along the renewables value chain



1) Publicly listed, 29.9% shareholding via SE Invest

Greenfield PV SLU holds specialized local project development teams with decades of deep technical experience

Project sourcing, structuring & development across Europe



Site identification, feasibility assessment & site surveying



Rooftops C&I, self-consumption projects & energy communities



Lease & purchase agreement negotiation



Permitting, licensing & grid/ other connections



Our strenghts



Deep **local market** knowledge

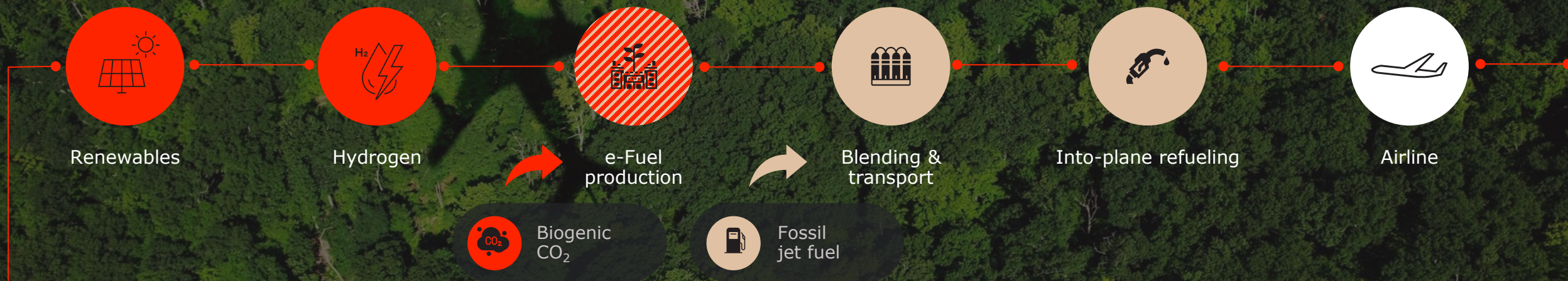


Strong **technical** expertise



Long-standing **track record** with **TSO/ DSO**

evolve combines core competencies complemented by specialized partnerships for hydrogen and eFuel projects



Core playing field

- ✓ Access to high-grade in-house renewables
- ✓ Access to biogenic CO₂
- ✓ Proven development track-record
- ✓ On the ground competencies



Key partners



O&M services



Partnership for plant operations



Jet fuel supplier



Partnership for blending and downstream logistics



Leveraging network of fuel operations at airports



Off-taker



European Distribution player



Middle East O&G player operating in EU

Important progress in the ecosystem of our lighthouse projects



eSAF in PT

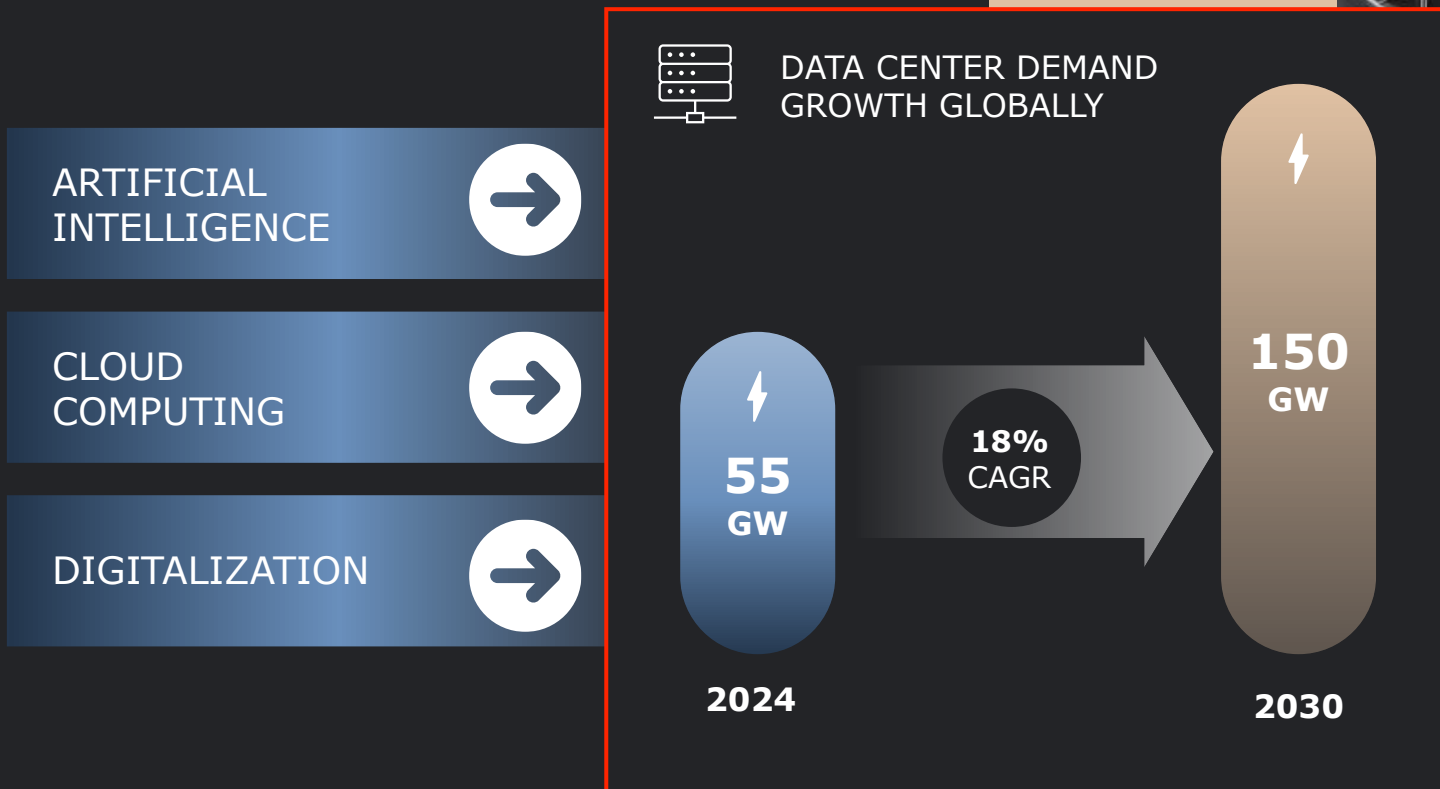


Ceramics Industry in ESP

Edisun Power is an independent Swiss IPP with a new focus on Renewables to AI projects

Datacenter market at the beginning of a super cycle – 3x growth until 2030

Edisun Power addressing this market, e.g. with its Fuencarral Project in Spain



15 GW
OF ADDITIONAL DATA CENTER CAPACITY IN EU BY 2030

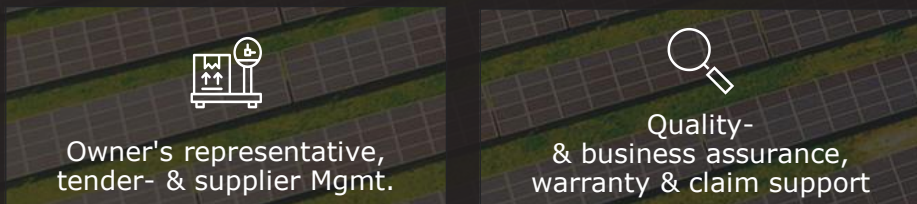
Prodiel has in depth competencies in EPC management and in-house EPC capabilities to offer a one-stop-shop

Engineering, Procurement & Construction (Management)

In-house EPC (Prodiel)



EPC management



Our strengths



>**7.9 GW** experience incl. one of global largest plants with **828 MW**

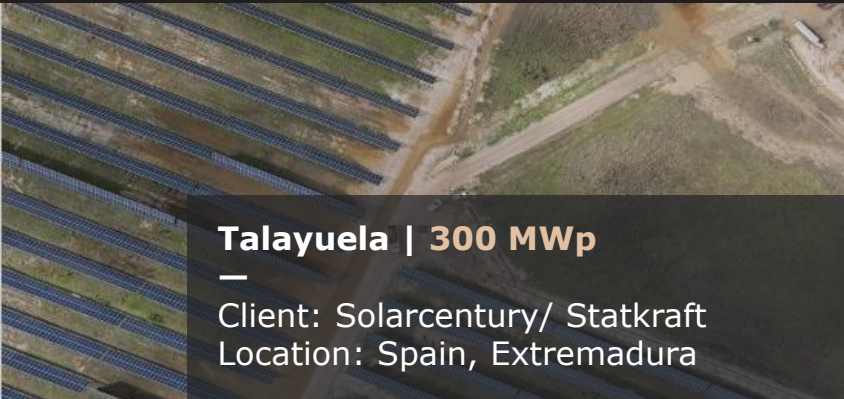


Technological access (OEM partnerships)



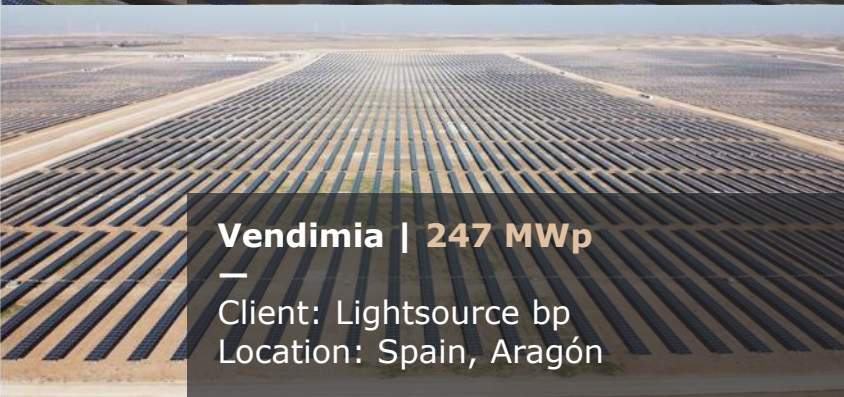
Learnings during construction **directly contribute** to other business segments

Prodiel builds and operates renewables energy plants globally



Talayuela | 300 MWp

—
Client: Solarcentury/ Statkraft
Location: Spain, Extremadura



Vendimia | 247 MWp

—
Client: Lightsource bp
Location: Spain, Aragón



Smartenergy POWERhouse / #PRES2025

Sol Del Desierto | 244 MWp

—
Client: Atlas
Location: Chile, Antofagasta



Villanueva | 828 MWp

—
Client: Enel Green Power
Location: México, Coaulla
Largest photovoltaic project in México in commercial operation



Rubí | 180 MWp

—
Client: Enel Green Power
Location: Peru, Moqueua
Largest photovoltaic project in Peru in commercial op.



La Pimienta | 445 MWp

—
Client: Atlas
Location: México, Chihuahua
Second largest photovoltaic project in México in commercial operation

Sun, wind, storage, hydrogen & derivatives – the perfect winning team for the decarbonization of energy, industry, and mobility



A low-angle night photograph looking up at the dark, silhouetted branches of tall trees against a deep blue, starry sky. A small, dark silhouette of an airplane is visible in the upper right quadrant of the sky. The overall mood is serene and expansive.

Committed.

SMARTENERGY Group AG
Sihleggstrasse 17
CH-8832 Wollerau
Switzerland
www.smartenergy.net

