



Entelios – a part of Agder Energi





We aim to be our
customers most
important
contribution to a
sustainable
future



Key figures

2010

established in Germany

8

locations

150

employees

2017

a part of Agder Energi (Norway)

Our products and services



Flexibility

We provide digital solutions for realizing the flexibility potential of industrial loads and decentralized electricity generation.



Environmental Markets

At Entelios we offer green certificates from Norwegian hydropower generation and a number of additional services.



Portfolio Management

Our 24/7 trading team in Berlin are experts that help you maximize the value of production and consumption.



Power Supply

We tailor power supply to all types of businesses and optimize deliveries with smart tools, reports and high level market competence.





Flexibility

Entelios ist Deutschlands
größter Industrie-Flexibilisierer

Jede Woche werden 1,5 GW abschaltbare Lasten ausgeschrieben.

Die Bedeutung dieser Lasten wächst. 2019 gab es 131 Abrufe,
doppelt so viele wie 2018 und mehr als zehnmal häufiger als davor.

Insb. an drei Tagen im Juni 2019 war bereits die Regelleistung
aufgebraucht und somit die Systemsicherheit akut gefährdet.

Der Netzentwicklungsplan Strom 2030 geht von einer Verdopplung der
Lastflexibilität (DSM) auf 3 GW in 2025 aus.

Energieträger	Installierte Leistung [GW]					
	Referenz 2017	Szenario A 2030	Szenario B 2030	Szenario C 2030	Szenario B 2025	Szenario B 2035
Flexibilitätsoptionen und Speicher [GW]						
Power-to-Gas	---	1,0	2,0	3,0	0,5	3,0
PV-Batteriespeicher	0,3	6,5	8,0	10,1	3,2	12,3
Großbatteriespeicher	0,1	1,5	2,0	2,4	1,2	3,4
DSM (Industrie und GHD)	1,5	2,0	4,0	6,0	3,0	5,0

Quelle: BNetzA NEP Strom Szenariorahmen 2019-2030

Project references



TRIMET Aluminium SE

Plant type: Aluminum electrolysis
Products: Control reserve (FCR, aFRR, mFRR), intraday optimisation



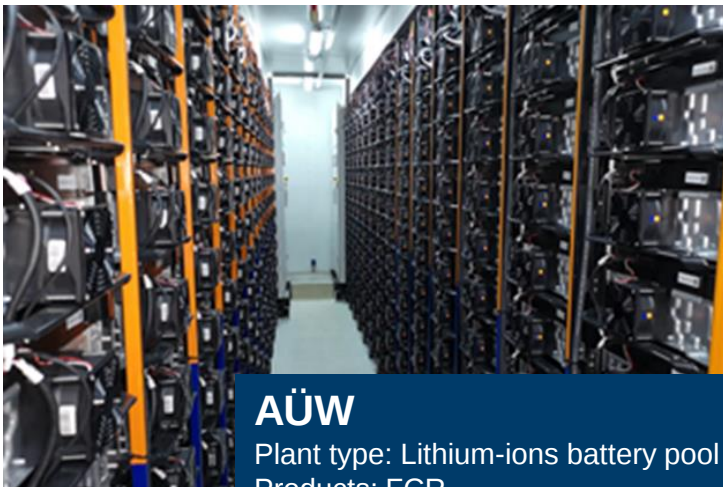
Cardboard and paper industry

Plant type: Loads and generation
Products: Control reserve (FCR, aFRR, mFRR), interruptible loads, intraday optimisation



BASF

Plant type: Gas and steam power plant
Products: Asset-backed trading



AÜW

Plant type: Lithium-ions battery pool
Products: FCR



AIR LIQUIDE Deutschland GmbH

Plant type: Nitrogen liquefaction cycle
Products: Interruptible loads



INFRALEUNA

Plant type: Quick start gas turbine
Products: Asset-backed trading



It's not too late



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A person wearing a pink long-sleeved shirt, black leggings, a backpack, and a colorful headscarf stands on a rocky mountain peak. They are looking out over a vast, misty mountain landscape with a lake visible in the distance. The sky is filled with white clouds.

It's a good start



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