



Enerdata



CLIMATE

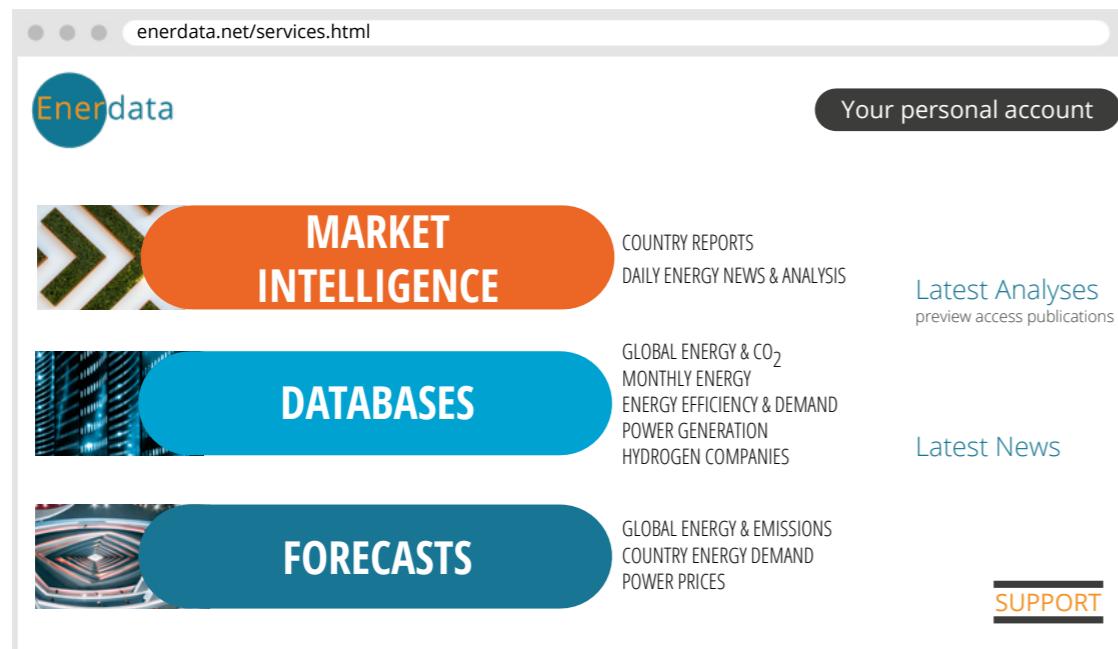
ENERGY

GLOBAL INTELLIGENCE & DATA PLATFORM

A SINGLE PLATFORM
THE MOST REPUTABLE MODELS
30+ YEARS OF EXPERTISE

RAISE YOUR ENERGY & CLIMATE KNOWLEDGE TO THE NEXT LEVEL

- Shape your energy transition and business strategies
- Be notified of relevant policies and market moves
- Analyse, model and benchmark in just a few clicks
- Be guided to the most sustainable investments



- Enerdata Online Platform**
- A **single platform** for all your research: global energy and climate information, data, and forecasts
 - Access premium and updated insight in a few clicks
 - 24/7 online access
 - Personal secure access
 - Intuitive interfaces, interactive graphs
 - Data exports in .xlsx, .csv or .pdf
 - On demand: data push in .CSV and custom API

- WHY ENERDATA'S INTELLIGENCE & DATA PLATFORM?**
- **30+ years** of successful market experience
 - **400+** first-class **statistical sources** within a single interface
 - **Up-to-date** data & information
 - **Multi-energy** approach
 - Up to **186 countries** covered
 - **Exclusive outputs** from globally recognised models
 - **Reactive support** from Enerdata analysts

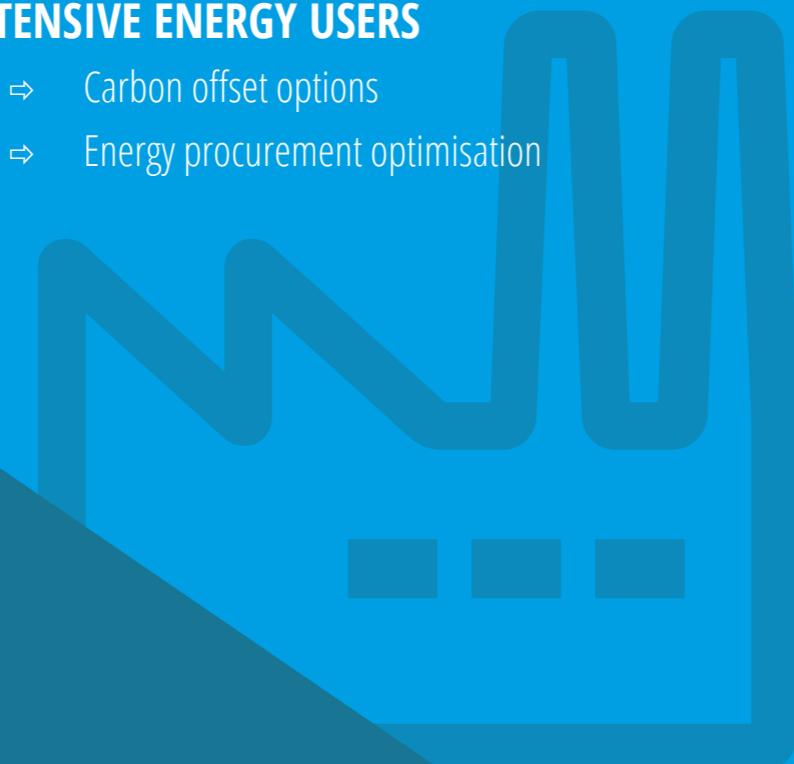
360° INSIGHTS

FIND WHAT YOU ARE LOOKING FOR AND
CLICK ON THE ARROW TO LEARN MORE ON THE RELEVANT SERVICE

TOPICS	SERVICES	MARKET INTELLIGENCE	DATABASES	FORECASTS
POLICIES		COUNTRY REPORTS		
PRICES		DAILY ENERGY NEWS & ANALYSIS	ANNUAL ENERGY & CLIMATE DATA	ENERGY & CLIMATE POWER PRICES
SUPPLY		LOW CARBON TECHNOLOGY WATCH	MONTHLY ENERGY	
DEMAND				ENERGY & CLIMATE
EMISSIONS			ANNUAL ENERGY & CLIMATE DATA	
EFFICIENCY & DEMAND BY END-USE			EFFICIENCY & DEMAND DATA & INDICATORS	COUNTRY ENERGY DEMAND
PLAYERS & PRODUCERS			POWER GENERATION	HYDROGEN COMPANIES

INTENSIVE ENERGY USERS

- ⇒ Carbon offset options
- ⇒ Energy procurement optimisation



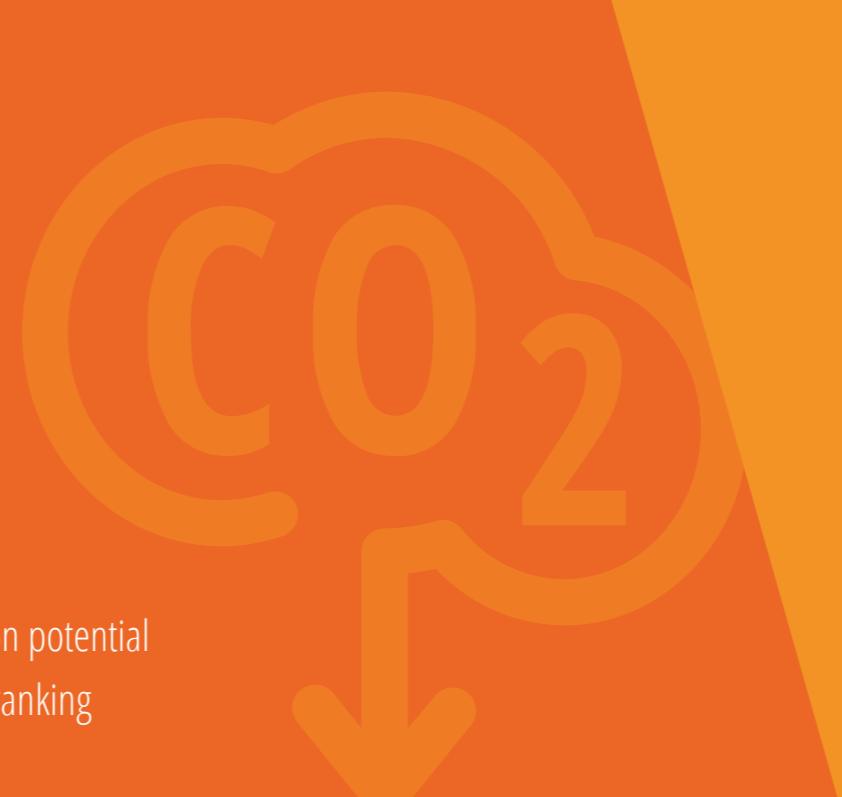
ENERGY COMPANIES & MANUFACTURERS

- ⇒ Shape your business & strategy planning
- ⇒ Weight your market and benchmark your competitors
- ⇒ Calculate long-term ROI



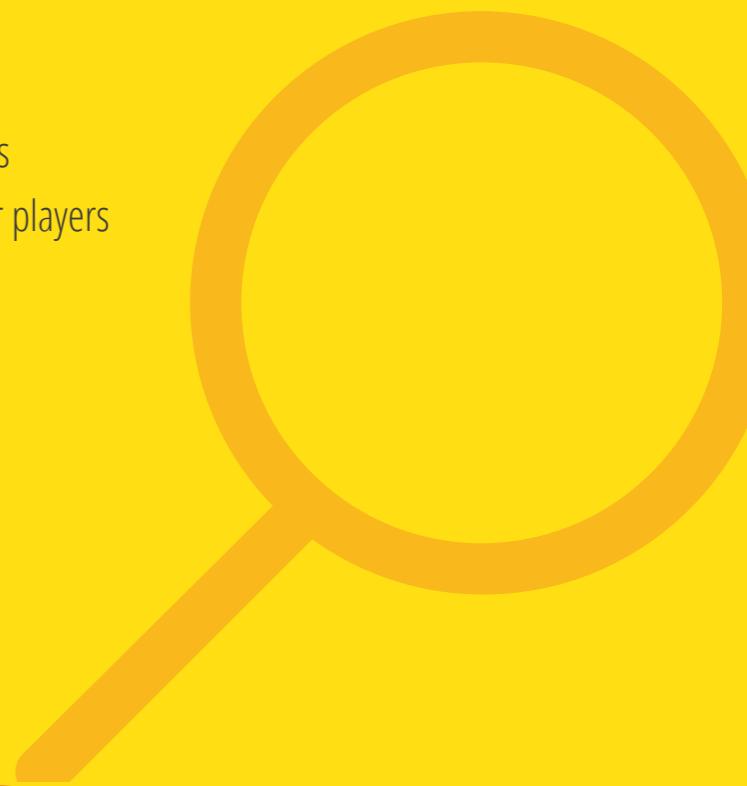
SUSTAINABLE FINANCE

- ⇒ Sectoral decarbonisation potential
- ⇒ Energy asset & players ranking



RESEARCH CENTRES

- ⇒ Analyse trends & scenarios
- ⇒ Study technologies & their players



GOVERNMENT BODIES

- ⇒ Shape your energy & climate policies
- ⇒ Monitor & simulate COP pledges



MARKET INTELLIGENCE

- Unbiased and **up-to-date turnkey analysis** on global energy markets
- Get the **best quality news** and **analysis in one click**

- Enter in a country's energy markets and infrastructure projects in just a few clicks
- Visualise data with insightful graphs and tables in your own custom analyses
- Take advantage of sound analysis conducted by energy experts
- Create custom reports

ENERGY COUNTRY REPORTS

- **110+ up-to-date country reports** on the local energy market
- insight into a given country's market structure and organisation, regulatory bodies, and actors' presence
- overview of supply, demand, prices, and taxes with key figures
- latest local energy news
- .pdf / .xls

Online interface

PDF REPORTS

Key Features

 Country Reports Access country reports in PDF Access Country Reports	 Country Data Access main energy data, energy balances and indicators Access Country Data	 Custom Reports Build a report by country, energy, topic or company Access Custom Reports
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- Save time: one daily email with all relevant news tailored for your needs
- Convenient delivery: RSS feed & customisable email alerts
- Look for historic news with our archives dating back to 2008
- Easy search: get instant answer to your request, even in archives

DAILY NEWS

- Global coverage: 110 countries
- Fine-tuned selection for **the best relevancy**
- Latest news from reliable hundreds of sources, selected by our analysts, sorted by topics
- RSS feed & customisable email alerts by frequency and topic

SOURCES

- Electricity
- Gas
- Oil
- Coal
- CO₂ emissions
- Renewables and more

TOPICS

- Policies & regulations
- Taxes
- Prices
- Demand & forecasts
- Contracts
- Company news
- Infrastructure and more

Search tool

- Save time: receive the latest and most relevant insights about decarbonisation, clean and efficient technologies, and policy evolution.
- Stay updated on your market, your competitors' strategies, and the latest innovations worldwide
- Identify the most active companies and providers in each region
- Benefit from analytic report summaries

MAIN TOPICS

- Sectorial decarbonisation:
- Technology/market trends
- Policy & Regulatory
- Tenders
- M&A
- Projects

TECHNOLOGIES

- Renewables
- Storage (LDES, BESS)
- Hydrogen
- Geothermal
- Biomass, biogas
- Offshore wind
- and more.

Weekly email

DATABASES

- Feed your models
- Produce your analysis
- Benchmark your findings



- Quickly perform your analysis, presentations and research within a single source
- Find all the data for evolution follow-up: from 1990 to last year without rupture
- Intuitive interface with interactive maps and multiple data export formats
- Widest WW coverage: multi-energies in 186 countries

GLOBAL DATA

- 400+ reliable and exclusive sources
- Customised graphs or maps
- Embedded calculator & converter
- Query savings
- Country snapshot
- Export in .pdf, .xlsx, .csv

TOPICS

- All energy sources
- Supply
- Demand
- Import / export
- Prices
- Indicators
- Emissions & balances
- Macro-economic

Query example



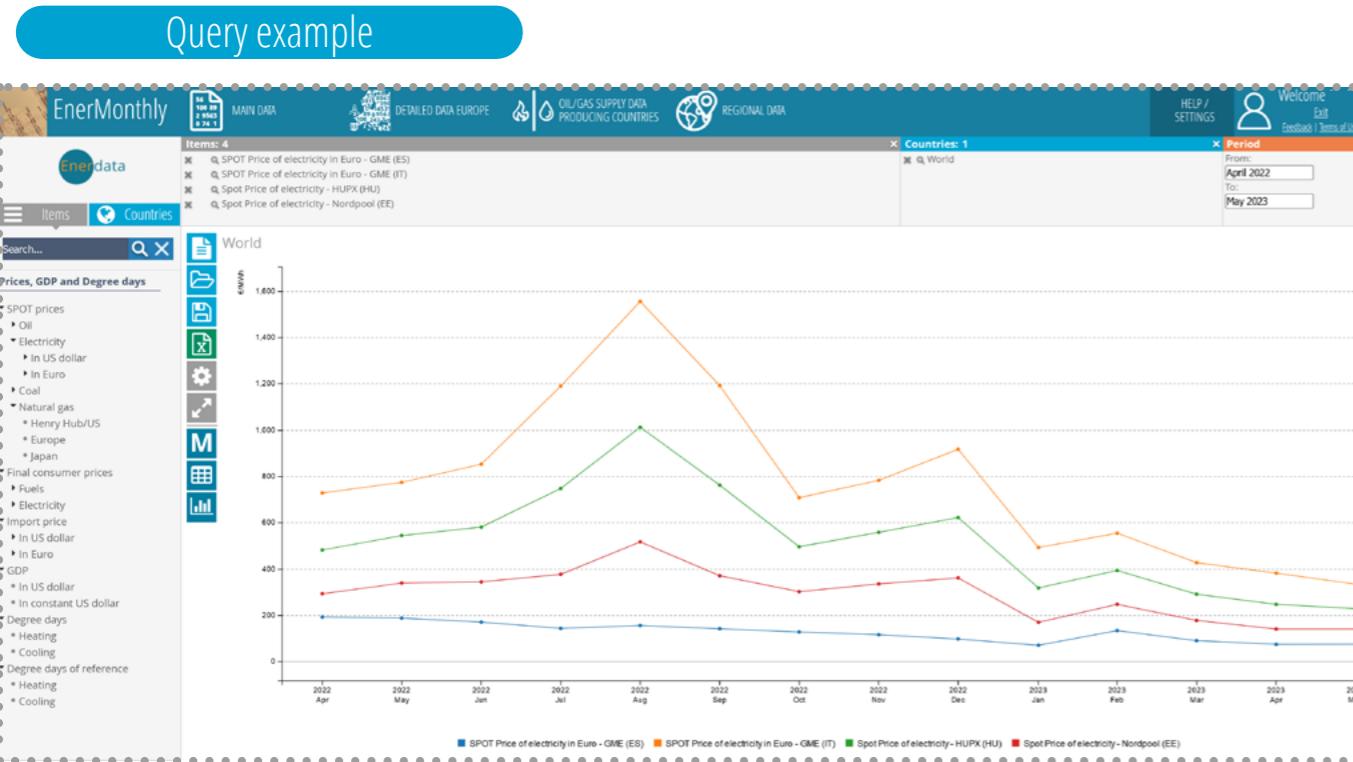
- Get monthly updates for all energies on detailed data series
- Accurate monitoring of prices, economic indicators, and balances
- Intuitive interface with interactive maps and multiple data export formats
- Facilitate the feeding of your data management system and forecasting models

KEY ENERGY MARKETS

- Global coverage:
 - ⇒ 40+ OECD & non-OECD countries
 - ⇒ detailed energy data on states/provinces for US & China
 - ⇒ EU28
- Up to 300 series/countries
- Premium statistical sources
- Export in .csv

TOPICS

- All energy sources
- Production
- Imports
- Exports
- Consumption
- Prices
- Indicators



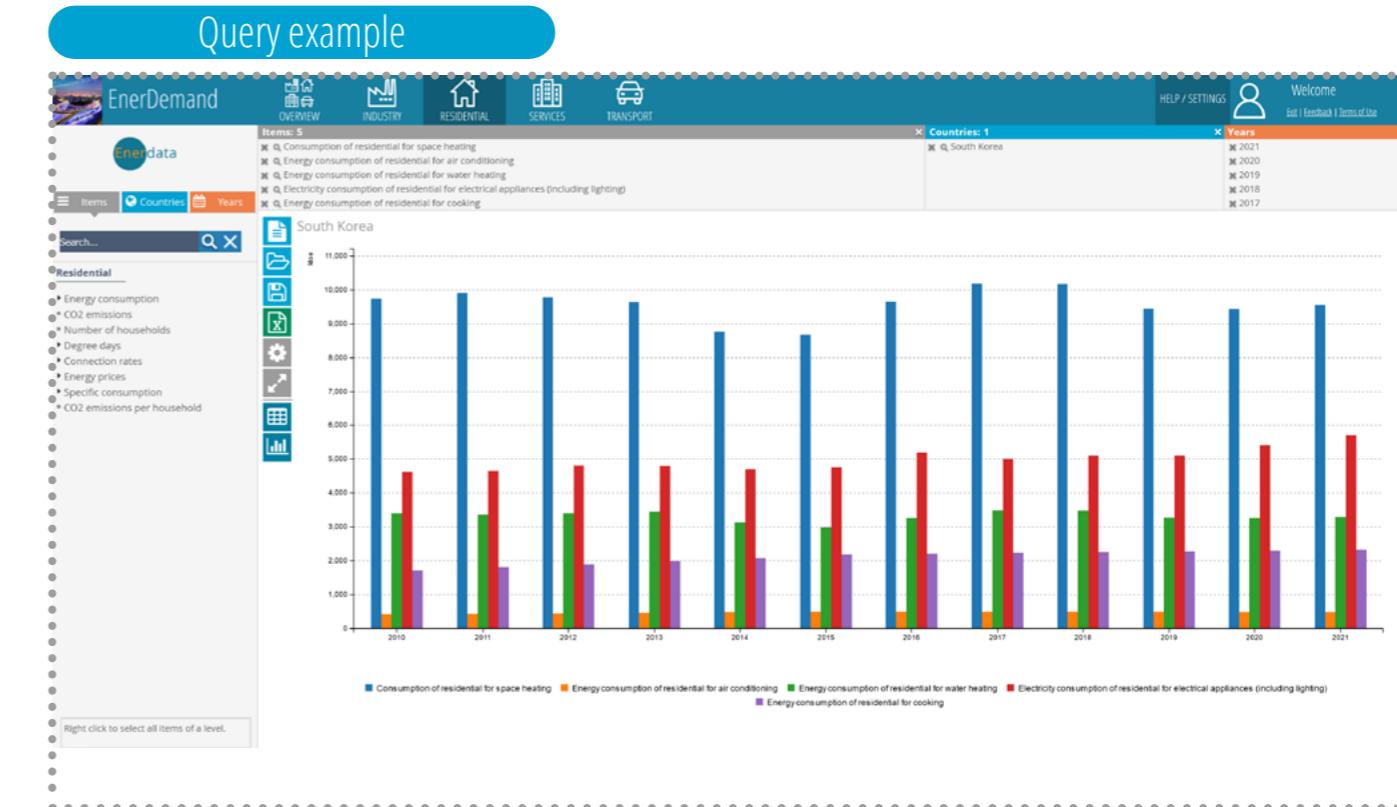
- Benchmark countries on energy consumption, emissions, and energy intensity markets
- Detailed breakdown by branch, sector, and end-use
- Exclusive energy efficiency indicators
- Demand drivers for each sector

EU & GLOBAL DATA

- Unique database thanks to exclusive sources
- Regular updates
- Consistent data with no time rupture
- 2 databases:
 - ⇒ 27 EU countries + Serbia + Switzerland
 - ⇒ 21 non-EU countries + EU aggregate
- Query savings
- Export in .xlsx, .csv

TOPICS

- Macro
- Industry
- Transport
- Residential
- Services & Agriculture



- Continuously updated information on WW power generation assets development
- Benchmark power mix evolution, including RES penetration, with five-year forecasts
- Coverage of 85% of the global power capacity
- Analysis of dynamics for power generation capacity and investment by country, by company, and by technology

KEY ENERGY MARKETS		TOPICS	
○ Global coverage: 127 countries		○ All energy plants characteristics	
○ Country dashboard		○ Renewable energies	
○ Company dashboard		○ Power mix	
○ Plant dashboard & status		○ Project planning, status, and financing	
○ Power plant analytic		○ Energy storage	
○ Exclusive performance indicators		○ CO ₂ emissions	
○ Export in .xlsx			

MODULES

Power CAPEX and Renewables LCOE

Weigh investment decisions leveraging thousands of data points and meaningful averages

Renewable Energies Auctions Monitor

The most in-depth RES auctions database with worldwide coverage

DATABASE SAMPLE

Power Plant Tracker

Power Plant Tracker is a powerful tool for tracking and managing power plant projects around the world. It provides detailed information on individual power plants, including their location, capacity, status, and key technical specifications. The platform also includes a comprehensive search function and various filters to help users quickly find the information they need.

Country	Plant name	Unit name	Status	Operator	Category	Energy	Sub Energy	Technology
Russia	Abagaytuy	Abagaytuy (Abgar) Hydro...	Announced	Unigreen Power	Renewables	Solar	PV	
Brazil	Aliosios Potiguares	Aliosios Potiguares	Announced	Copenhagen Infrastructure	Renewables	Wind	Off-shore	
Cambodia	Bavet solar	Bavet solar	Under construction	Antaisolar	Renewables	Solar	PV	
Australia	Berrybank	Berrybank	Operational	Berrybank Development	Renewables	Wind	On-shore	
Australia	Berrybank - Stage 2	FID	Berrybank Development	Berrybank Development	Renewables	Wind	On-shore	
Canada	Greenbriar Alberta solar	Greenbriar Alberta solar - 1	Bidding process	Greenbriar Capital	Renewables	Solar	PV	
Canada	Greenbriar Alberta solar	Greenbriar Alberta solar - 2	Bidding process	Greenbriar Capital	Renewables	Solar	PV	
Poland	Greencells solar northwest	Greencells solar northwest	Announced	Greencells	Renewables	Solar	PV	
Poland	Greencells solar southeast	Greencells solar southeast	Announced	Greencells	Renewables	Solar	PV	
United States	Indiana Crossroads Wind ...	Indiana Crossroads Wind ...	Operational	Indiana Crossroads Wind	Renewables	Wind	On-shore	
Brazil	São Gonçalo	São Gonçalo 14	Under construction	Enel Green Power (EGP)	Renewables	Solar	PV	
Brazil	São Gonçalo	São Gonçalo 15	Under construction	Enel Green Power (EGP)	Renewables	Solar	PV	
Brazil	São Gonçalo	São Gonçalo 17	Under construction	Enel Green Power (EGP)	Renewables	Solar	PV	
Brazil	São Gonçalo	São Gonçalo 19	Under construction	Enel Green Power (EGP)	Renewables	Solar	PV	
Vietnam	Soc Trang offshore	Soc Trang offshore phase 1	Bidding process	Mainstream Renewable P...	Renewables	Wind	Off-shore	
Vietnam	Soc Trang offshore	Soc Trang offshore phase 2	Announced	Mainstream Renewable P...	Renewables	Wind	Off-shore	

- Find all key hydrogen manufacturers with their activities, technologies, and markets
- To prospect, build your research or benchmark your competitors on H₂ value chain, rely on our knowledge and network by using our insightful database
- Access the missing information on H₂ emerging technologies

GLOBAL DATA		TECHNOLOGIES	
○ Unique database build from meticulous research and wide knowledge of H ₂ landscape		○ Fuel cell	
○ Regular updates		○ Electrolyser	
○ WW coverage: 1,000 companies in 40 countries		○ Storage	
○ Detailed information in each company: ID sheet, technologies, systems, components and more		○ Hydrogen fuelling station	
○ Export in .xlsx			

QUERY EXAMPLE

Global Hydrogen Companies Database

This screenshot shows a detailed view of the Global Hydrogen Companies Database. The interface includes a search bar and filters for company names, regions, characteristics, size, and founding date. The main table displays background information for each company, including their headquarters (HQ Region and HQ Country), whether they are a pure player or diversified, and details about their materials and components. The table also lists various hydrogen production technologies such as Electrolyzer Systems, Gas reformer, Partial oxidation, Biomass to H₂, Water to H₂, and others like H₂ Purifier, Rectifier, and Uniquifer. Additionally, it shows information on hydrogen storage, vaporization, and gas cylinder type.

Company	HQ Region	HQ Country	Pure player / Diversified	Materials / Components	Hydrogen Production	Sub-Systems	Hydrogen Change of State	Hydrogen
Asahi Kasei	Asia	Japan	Diversified	1	1 1			
Cockerill (Inell Hydrogen former Suzhou Inell Hydrogen Production Equipment)	Asia	China	Pure Player		1 1			
Daiwa G&P Group	Asia	Japan	Diversified			1		
EM Korea (EMK)	Asia	South Korea	Diversified			1 1		
Hitachi Zosen (HZ)	Asia	Japan	Diversified			1 1		
Honda Motor	Asia	Japan	Diversified			1 1		
IHI	Asia	Japan	Diversified			1 1		
Kaoil	Asia	Taiwan	Diversified	1		1		
Kawasaki Heavy Industries	Asia	Japan	Diversified			0.5		
Robelco Eco-Solutions (Kobe Steel Group)	Asia	Japan	Diversified		1 1			
LONGi Green Energy Technology	Asia	China	Diversified		1 1		1 1	
Mitsubishi Gas Chemical (MGC)	Asia	Japan	Diversified	1		1		
MKX (Mitsubishi Kakoki Kaisha)	Asia	Japan	Diversified			1		
Peric Hydrogen Technologies (Purification Equipment Research Institute of CSIC)	Asia	China	Pure Player	1	1 1		1	1
Toshiba Energy Systems & Solutions	Asia	Japan	Pure Player		1 1			

FORECASTS

→ Define your **business' strategic decisions**

→ Assess climate policies to **partake in the energy transition**

- Plan your energy business. Simulate energy policies.
- Get consumption projections to 2050, drilling down to end uses and industrial branches.
- All-in-one solution embedding a model, calibrated scenarios and complete input data
- Check your assumptions by adjusting our drivers

UNIQUE SOLUTION

- Energy demand forecasts by country up to 2050 with one-year steps
- By sector and end-use details:
 - ⇒ transport, industry, residential, services
 - ⇒ passenger, EV, freight, cooking, hot water, air conditioning, public lighting and more.
- Sensitivity analysis feature
- Proven & recognised MEDEE model: EnerMED
- Export in .xlsx
- Options:
 - ⇒ .csv monthly delivery
 - ⇒ custom API development

TOPICS

- Forecast on energy demand of oil, gas, coal and electricity
- Indicators
- Socio-economics
- Specific consumption

OUTPUT DRILLING DOWN TO END USES

INPUTS

- Socio-economic variables
- Technological
 - GDP, population, value added, energy prices, productivity ...
 - Fuel efficiencies, mileage, new equipment performance...

MODELLING OPTIONS

- Flexible disaggregation level
 - By branch
 - By end-use
 - By vehicle (cars, bus...)
 - By zone
 - ...
- Flexible endogenisation of parameters
 - Number of vehicles
 - Production of energy intensive industries
 - Building stock
 - ...

OUTPUTS

Energy Demand by Sector



Manufacturing industries
chemicals, metals, minerals, wood, paper,
food & beverages, textile, vehicles
Mining
Construction



Domestic
Road
Rail
Air
Inland navigation



Space heating
Water heating
Cooking
Air conditioning
Electrical appliances/Lighting
Captive electricity



Hotels, cafes, restaurants
Wholesale & retail trade
Private and public offices
Health Education
Cooking
Lighting
Space heating
Water heating
Air conditioning

Demand by energy



Socio-economics

- Industrial output
- Vehicles stocks, traffic
- Dwellings, equipment...

Specific consumption

- Energy intensive products
- Vehicle type
- End-use
- Appliances...

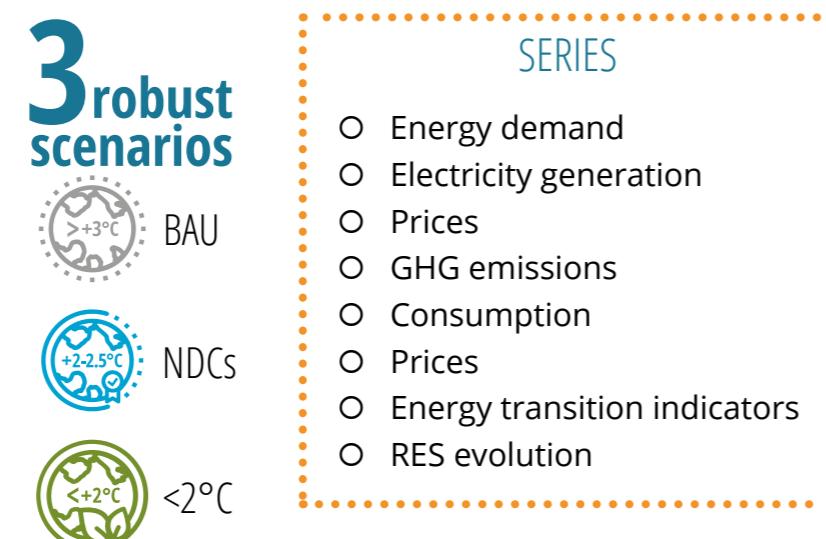
Indicators

- Energy intensity
- Energy expenses
- CO₂ emissions

- Base your strategic plans on reliable energy projections: demand, prices, generation
- Assess the evolution and drivers of energy markets worldwide
- Calculate the different levels of emissions reductions that can be reached with different carbon price levels
- Shape GHG mitigation policies, set targets, evaluate future CO₂ emission credits, prices, and volumes

GLOBAL FORECASTS

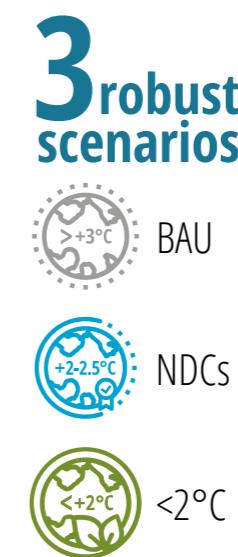
- WW coverage: 65+ countries & aggregates
- Historical data from 2000 to 2019, projections to 2050
- By energy source & sector
- Country & regional levels
- Proven & recognised modelling methodology: POLES model
- Export in .csv



- Estimate your long terms returns on investments
- Get annual independent wholesale price projections to 2050
- Unique optimisation model to see the big picture and avoid «Winner-takes-it-all» effect
- Explore various future pathways

UNIQUE SOLUTION

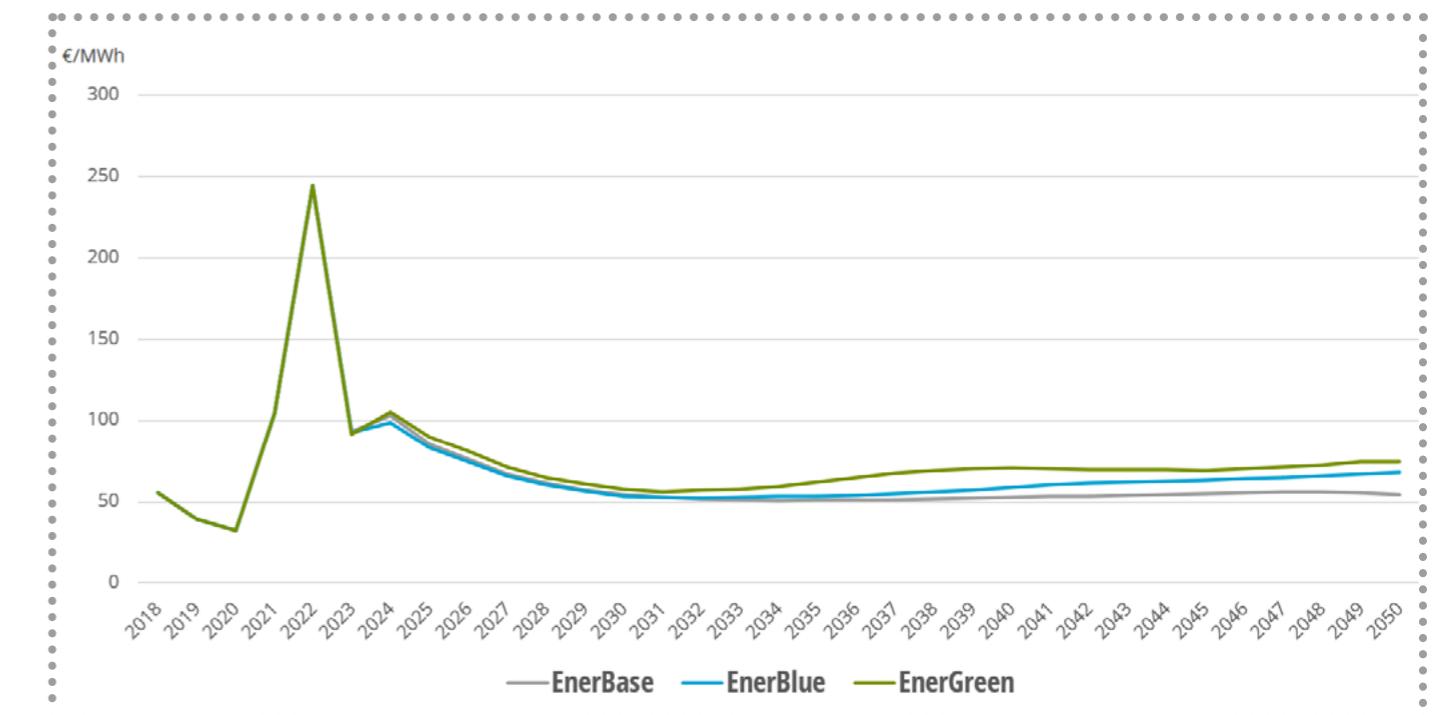
- Endogenous modelling of electricity demand and power generation/capacities developments
- Model covering all technologies, including renewables
- 3 scenarios through 2050
- up-to-date historical data
- Robust & recognised POLES model
- Export in .xlsx



METHODOLOGY

- Use of historical spot prices
- Use of non-economic parameters
- Consideration of technology classes with their technical, economic, and environmental parameters

EXAMPLE OF COUNTRY WHOLESALE POWER PRICE



Enerdata

HELPING YOU SHAPE THE ENERGY TRANSITION

For more information

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www.enerdata.net

