Enerdata

GLOBAL INTELLIGENCE & DATA PLATFORM
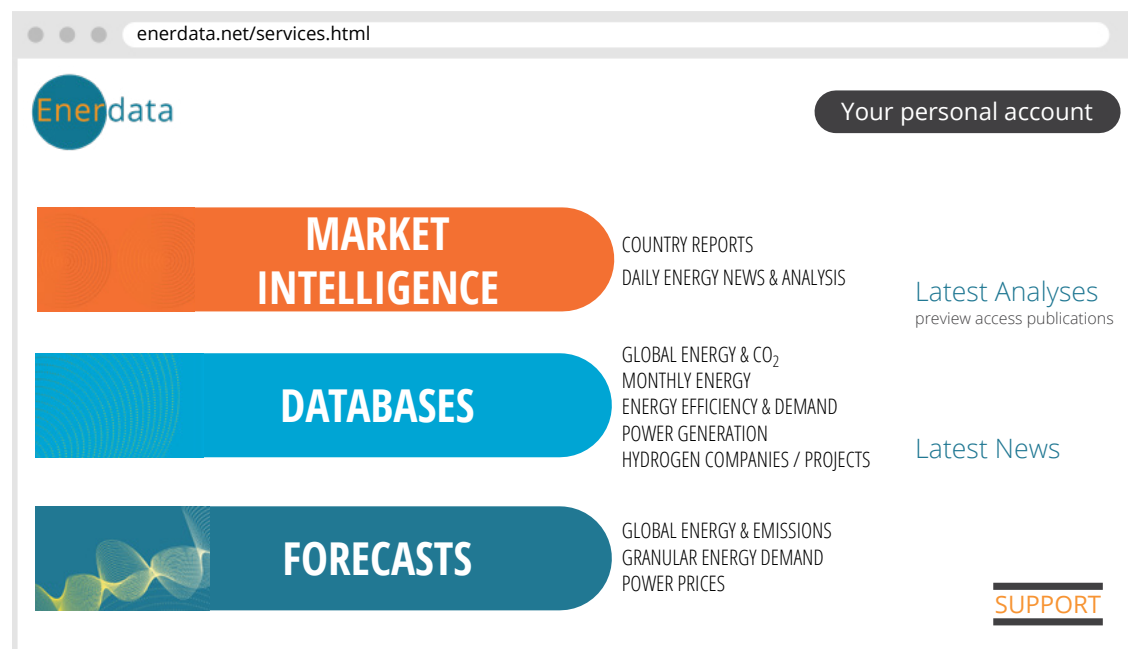
ENERGY

CLIMATE

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.net/services.html

Enerdata

Your personal account

MARKET INTELLIGENCE
COUNTRY REPORTS
DAILY ENERGY NEWS & ANALYSIS

Latest Analyses
preview access publications

DATABASES
GLOBAL ENERGY & CO$_2$
MONTHLY ENERGY
ENERGY EFFICIENCY & DEMAND
POWER GENERATION
HYDROGEN COMPANIES / PROJECTS

Latest News

FORECASTS
GLOBAL ENERGY & EMISSIONS
GRANULAR ENERGY DEMAND
POWER PRICES

SUPPORT

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		MONTHLY ENERGY HYDROGEN & DERIVATIVE PROJECTS	
DEMAND			ENERGY & CLIMATE
EMISSIONS		ANNUAL ENERGY & CLIMATE DATA	
EFFICIENCY & DEMAND BY END-USE		EFFICIENCY & DEMAND DATA & INDICATORS	GRANULAR ENERGY DEMAND
PLAYERS & PRODUCERS		POWER GENERATION HYDROGEN COMPANIES	

INTENSIVE ENERGY USERS

⇨ Carbon offset options

⇨ Energy procurement optimisation

RESEARCH CENTRES

⇨ Analyse trends & scenarios

⇨ Study technologies & their players

ENERGY COMPANIES & MANUFACTURERS

⇨ Shape your business & strategy planning

⇨ Weight your market and benchmark your competitors

⇨ Calculate long-term ROI

UNIQUE INSIGHTS AT YOUR SERVICE

GOVERNMENT BODIES

⇨ Shape your energy & climate policies

⇨ Monitor & simulate COP pledges

SUSTAINABLE FINANCE

⇨ Sectoral decarbonisation potential

⇨ Energy asset & players ranking

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

PDF REPORTS

Enerdata Consulting

Country Energy Report

European Union

Online interface

Enerdata | Global Energy Research | UPDATE STATUS | GLOSSARY | FEEDBACK | SUPPORT | TERMS OF USE

COUNTRY REPORTS | COUNTRY DATA | CUSTOM REPORTS | NEWS

Welcome to Global Energy Research
Country Reports & Analysis

→ Key Features

Country Reports
Access country reports in PDF
Access Country Reports

56 100 89 2 9563 0 74 1
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

Enerdata - Energy Intelligence & Data Platform

→ 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

SOURCES

- Electricity
- Gas
- Oil
- Coal
- CO_2 emissions
- Renewables and more

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

TOPICS

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

Search tool

Key Energy Intelligence

MY ALERTS | MY ARCHIVES | MY SAVED SEARCHES | SUPPORT | TERMS OF USE

SEARCH | OIL | GAS | COAL/LIGNITE | **ELECTRICITY** | CO2 EMISSIONS

Search - Electricity

Type
Daily Energy News
Executive Brief

Full text search ⓘ

Date between ⓘ

And

Zones & Countries ⓘ
Choose some options

Energies & CO2 ⓘ
Electricity ✕

Topics ⓘ
Choose some options

🔍 Search   ✔ Save current search

Utilities ⓘ
Choose some options

Result : 1 - 50 of 15447

☐ Select / deselect all results in this view (all pages, 15447 total)

DATABASES

→ Feed your models

→ Produce your analysis

→ Benchmark your findings

→ 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

- Global coverage: 127 countries
- Country dashboard
- Company dashboard
- Plant dashboard & status
- Power plant analytic
- Exclusive performance indicators
- Export in .xlsx

TOPICS

- All energy plants characteristics
- Renewable energies
- Power mix
- Project planning, status, and financing
- Energy storage
- CO_2 emissions

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

→ 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

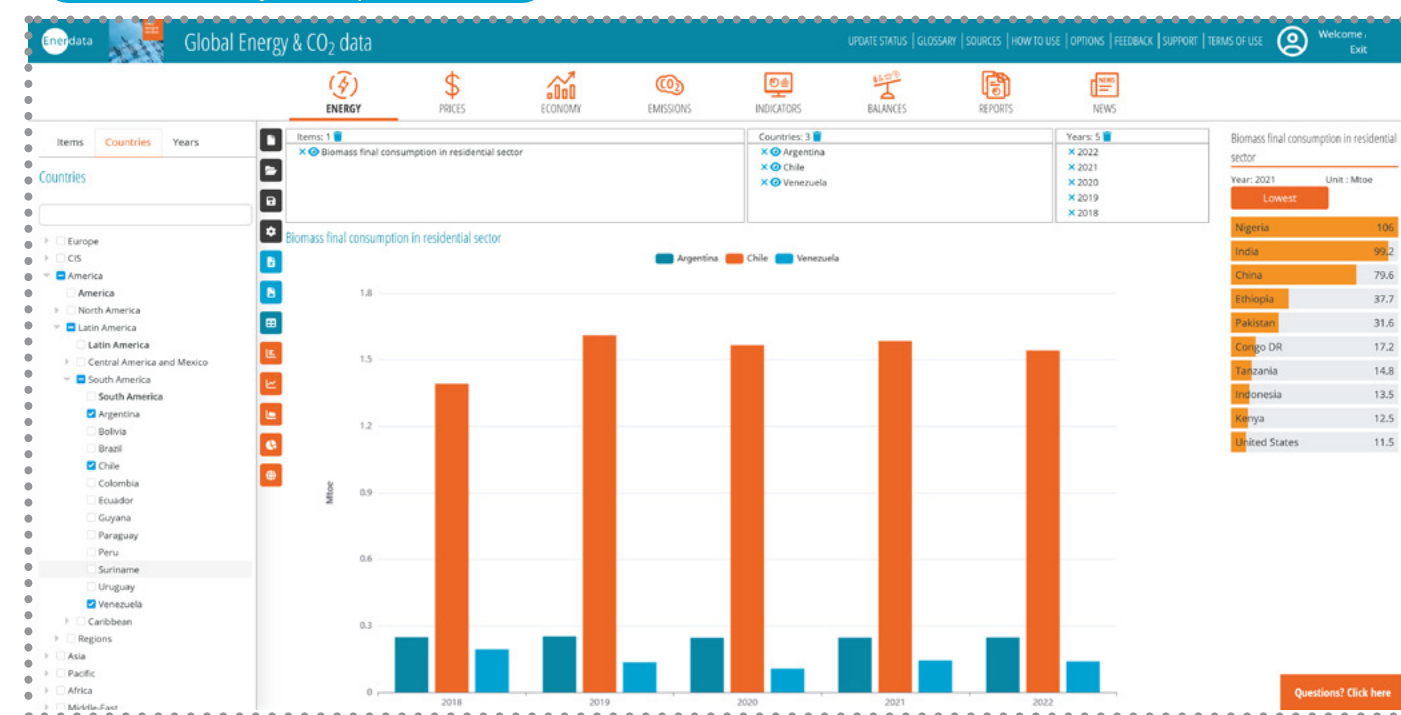→ Widest WW coverage: multi-energies in 186 countries

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

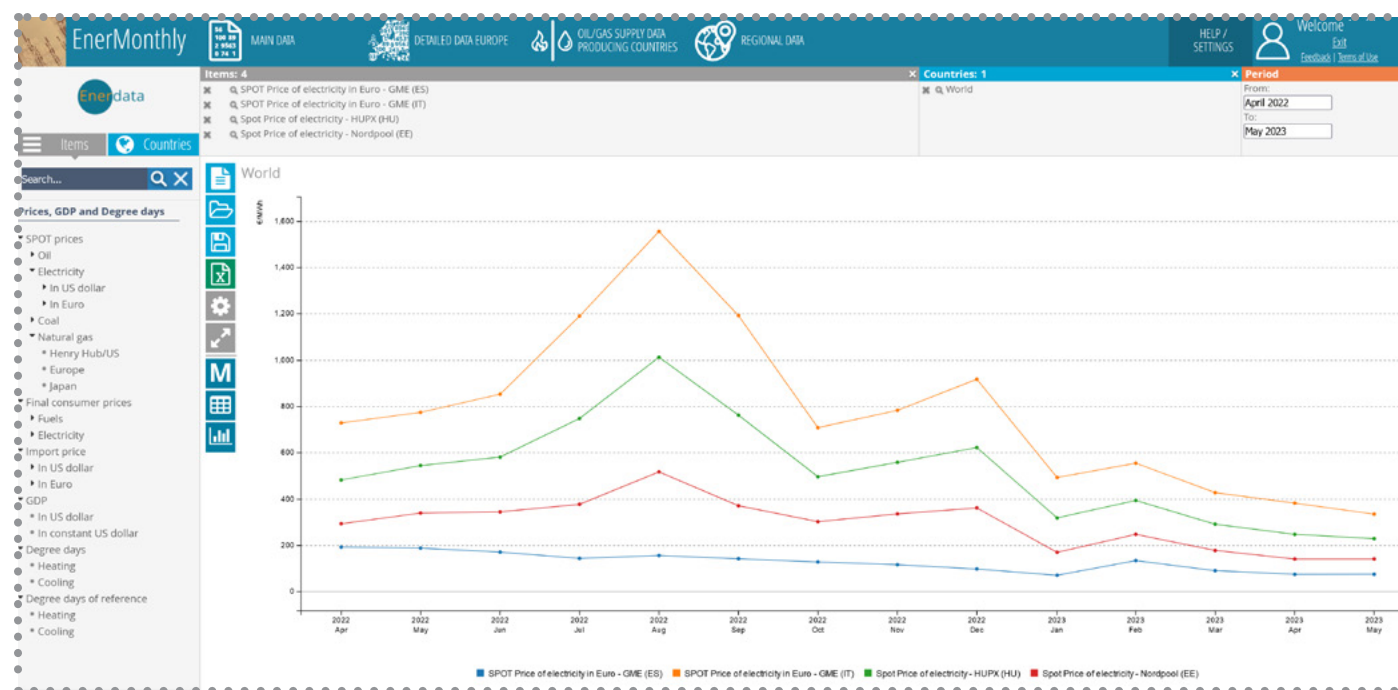→ Facilitate the feeding of your data management system and forecasting models

→ 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

KEY ENERGY MARKETS

- Global coverage:
  - ⇨ 40+ OECD & non-OECD countries
  - ⇨ detailed energy data on states/provinces for US & China
  - ⇨ EU27
- Up to 300 series/countries
- Premium statistical sources
- Export in .csv

TOPICS

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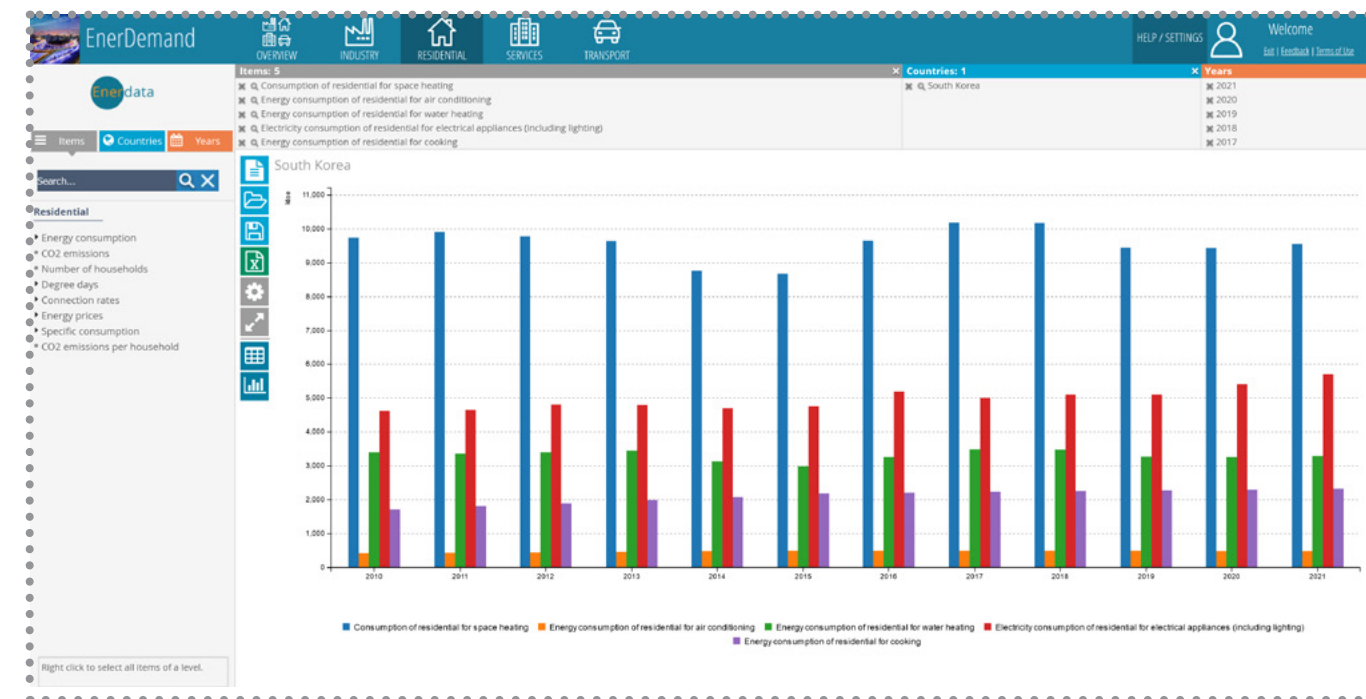- Consumption
- Prices
- Indicators

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

Query example

Query example

→ Find new opportunities to grow your portfolio by making informed investments in renewable energy

→ Monitor the development of hydrogen projects and build your strategy to stay ahead of your market

→ Access the forecast on green hydrogen production capacity

→ Find all key hydrogen manufacturers with their activities, technologies, and markets

→ To prospect, build your research or benchmark your competitors on H_2 value chain, rely on our knowledge and network by using our insightful database

→ Access the missing information on H_2 emerging technologies

Unique databases, regularly updated, build from meticulous research and wide knowledge of H_2 landscape

GLOBAL DATA

- WW coverage: 95% in 70+ countries
- Detailed information in each project: location, shareholders, operators, critical date and more
- Easy selection through filters
- Export in .xlsx

TECHNOLOGIES

- Hydrogen
- Ammonia
- Methanol
- E-fuels

GLOBAL DATA

- WW coverage: 1,000 companies in 40 countries
- Detailed information in each company: ID sheet, technologies, systems, components and more
- Export in .xlsx

TECHNOLOGIES

- Fuel cell
- Electrolyser
- Storage
- Hydrogen fuelling station

QUERY EXAMPLE

QUERY EXAMPLE

FORECASTS

→ Estimate your short-, mid- and long-term returns on investments

→ Get hourly granularity of the wholesale prices up to 2050

→ Unique optimisation model to see the big picture and avoid «Winner-takes-it-all» effect

→ 360° approach of EU energy markets

DAY-AHEAD WHOLESALE PRICES

○ EU prices off-the-shelf, others on-demand

○ Average hourly prices up to 2050

○ Annual prices up to 2028

○ RES capture prices, and more

○ Export in .xlsx

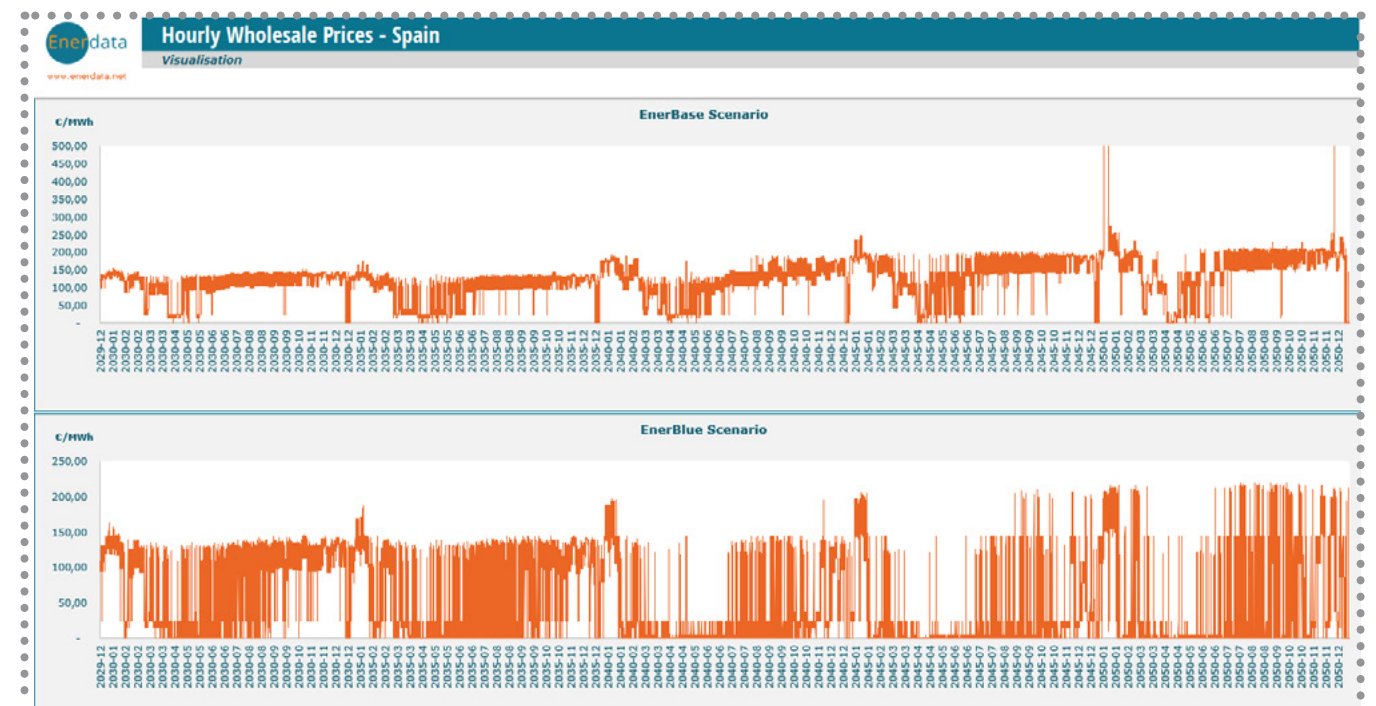**3 robust scenarios**

~+3°C BAU

+2-2.5°C NDCs

<+2°C <2°C

METHODOLOGY

○ Build from 2 proprietary models: POLES-Enerdata and PyPSA-Enerdata

○ Use of LCOEs and variable costs

○ Use of non-economic parameters

○ Consideration of technology classes with their technical, economic, and environmental parameters

Forecast example

Hourly Wholesale Prices - Spain
Visualisation

EnerBase Scenario

EnerBlue Scenario

→ Define your **business' strategic decisions**

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

MODULE

→ 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 CO_2 emission credits, prices, and volumes

→ 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

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

3 robust scenarios

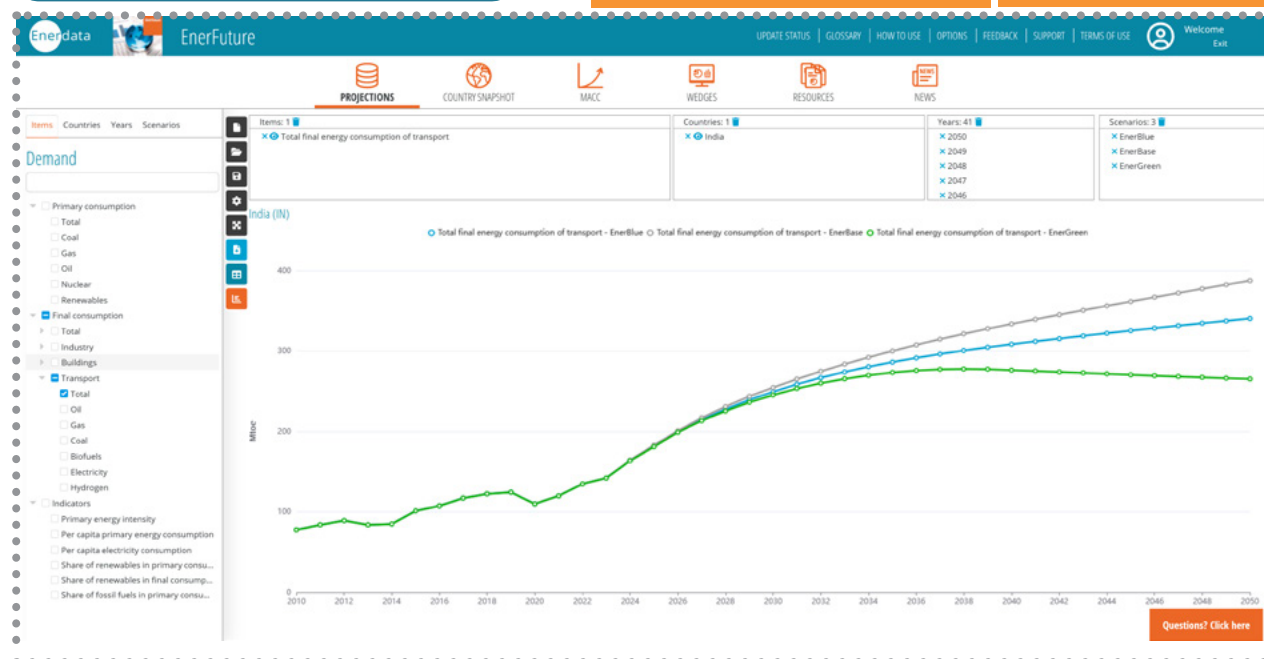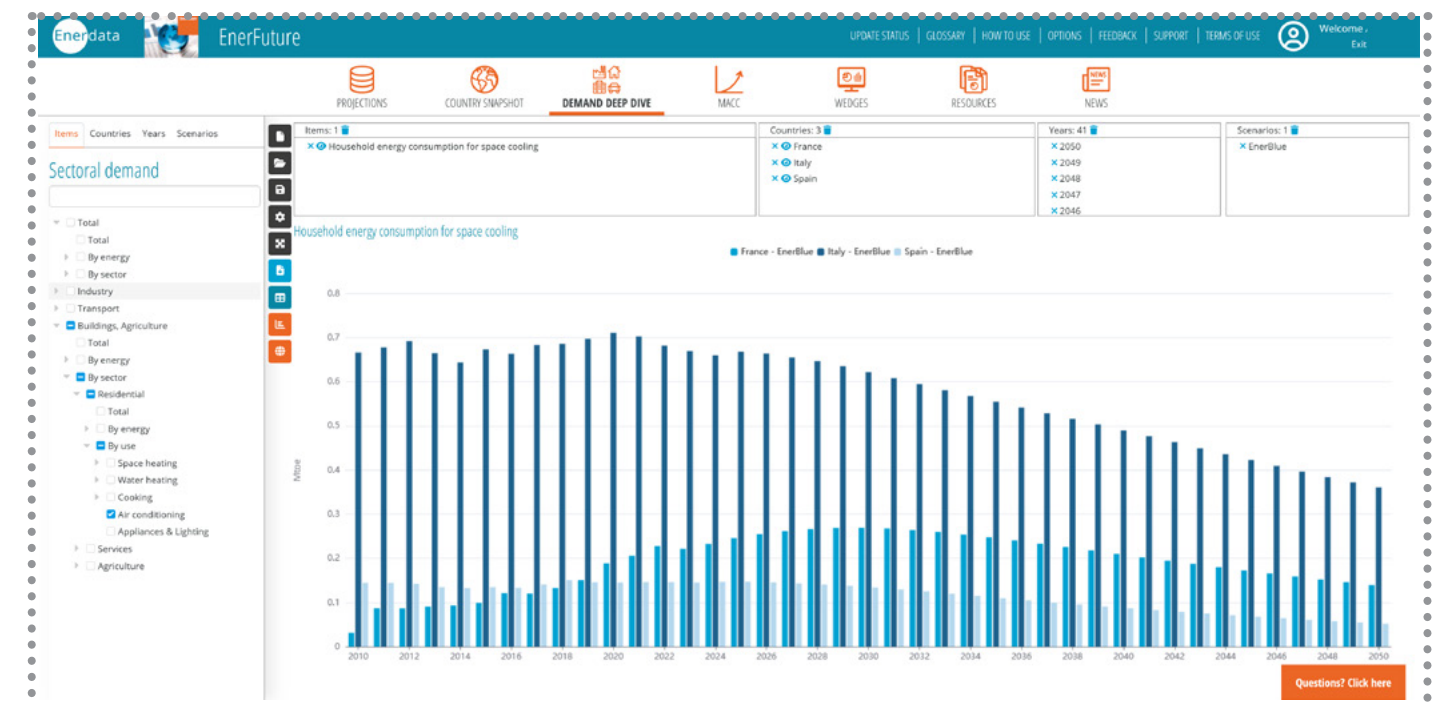~+3°C BAU

+2-2.5°C NDCs

<+2°C <2°C

MODULES

Marginal Abatement Cost Curves - MACC
Emissions reduction potentials and costs across sectors up to 2050

Wedges
Scenario comparisons through a breakdown of the levers reducing emissions

SERIES

○ Energy demand
○ Electricity generation
○ Prices
○ GHG emissions
○ Consumption
○ Macro indicators
○ Energy transition indicators
○ RES evolution

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.

○ Robust and recognised model: POLES

○ 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

Forecast example

Query example

Enerdata

HELPING YOU SHAPE THE ENERGY TRANSITION

For more information

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www.enerdata.net