Unique projections of consumption by end use

Country Energy Demand Forecasts is an innovative service dedicated to future consumption by sector, drilling down to end uses and industrial branches. Leveraging unique governmental statistics and Enerdata’s globally recognized demand model, this service offers robust and comprehensive projections in just a couple of clicks - no need to be a modelling specialist! CEDF allows you to track underlying factors and dynamics of future energy demand by building instant sensitivity analysis to assess the impact of key drivers on energy use.

Why subscribe?

- **Detailed long-term forecasts of** future energy demand, detailed by energy and key sector
- **In-depth sensitivity analysis** feature to capture the impact of key factors on energy consumption
- **Transparency** of modelling methodology
- **Very simple and ready-to-use** service (already calibrated scenarios, data inputs connected to the service)
- Leverage of **more than 30 years of expertise** in energy demand forecasting
Service overview

**Country Energy Demand Forecasts** is our answer to provide simple, powerful, relevant and robust forecasting dedicated to energy demand. This service leverages our core competencies in energy modelling, energy data management and energy demand analysis.

Key features:

- Energy demand forecasts by country up to **2035 with five year steps**
- **Bottom-up** modelling methodology with high level granularity
- Forecasts of **oil, gas, coal and power** consumption by sector:
  - Industry
  - Services
  - Transport (incl. electric vehicles)
  - Residential
- Access to demand **drivers and key indicators**
- Calibration update to take into account recent trends in energy demand
- Two scenarios per country, with access to the **underlying assumptions** and base year data
  - Reference scenario showing the impact on energy demand of current policies (“base-line”)
  - Energy efficiency scenario reflecting an intensification of policies
- Scenarios designed with new energy efficiency potential studies
- Scenarios now include electric vehicles, modal changes in transport, air conditioning in buildings
- Powerful **sensitivity analysis** on a number of key drivers for **two scenarios**
- Intuitive and **user-friendly interface** accessible via web browser
- **Explanation** of the influence of key drivers in forecasting
- **Premium assistance** from our experts
- Data export in .csv format to integrate your own databases and models
Sensitivity analysis

- Sensitivity analysis on 13 key drivers
- Access to assumptions behind scenarios
- Explanation of the influence of drivers in forecasting

MedPro model

Country Energy Demand Forecasts relies on the MedPro model, which is an adapted version of the MEDEE model. These two models have been applied in about 60 countries and regions in Europe, Asia, Latin America and Africa as well as in nearly 100 demand forecasting studies.
About Enerdata

Enerdata is an energy intelligence and consulting company. Our experts help you to tackle key energy and climate issues and make sound strategic and business decisions. We provide research, solutions, consulting and training to key energy actors worldwide.

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Global Energy & CO₂ Data: Regularly updated global energy market database providing supply, demand, and prices for all energy sources by sector, plus GHG emissions. Covering 186 countries from 1970 onwards.


EnerTram - Energy Transition Monitoring: In-depth, analytical, country reports on the energy transition in emerging markets.

Power Generation Watch: Daily monitoring of key updates in the power generation and storage equipment markets.

EnerMonthly: Monthly updates with detailed information on production, imports, exports and consumption for over 40 OECD and non-OECD countries.

EnerFuture: Annual forecasts through 2050 (based on the globally recognised POLES model) for energy demand, prices, and CO₂ emissions by sector and for all energy sources. Power generation forecasts by fuel source.

Power Price Projections: Three sets of annual wholesale electricity price projections backed by the globally recognised POLES model.

EnerFuture MACCs: Assess climate policies, evaluate cost and efficiency, and simulate carbon markets with our CO₂ Marginal Abatement Cost Curves tool.

Odyssee: Unique database on energy consumption by end-use for the EU and Norway. Exclusive energy efficiency indicators.

EnerDemand: Analyse energy consumption and efficiency trends across the world with energy consumption data by sector and end-use, efficiency trends and drivers.

Country Energy Demand Forecasts: Energy demand forecasts for oil, gas, coal, and power consumption by country, by sector, and by usage through 2030.

Power Plant Tracker: Screen, monitor, and analyse the development of power generation assets. Powerful embedded analytics. Exclusive insight on Levelized Cost of Electricity and Capital Expenditure from our CAPEX & LCOE module.

World Refinery Database: Monitoring of new and existing refineries.

World LNG Database: All key information and data about world LNG markets.

Key Energy Intelligence: Search by energy topic, energy source (electricity, natural gas, oil, coal, biofuels), utility company (44 included), or CO₂ emissions.