

enel x

Enel X Korea Company Overview

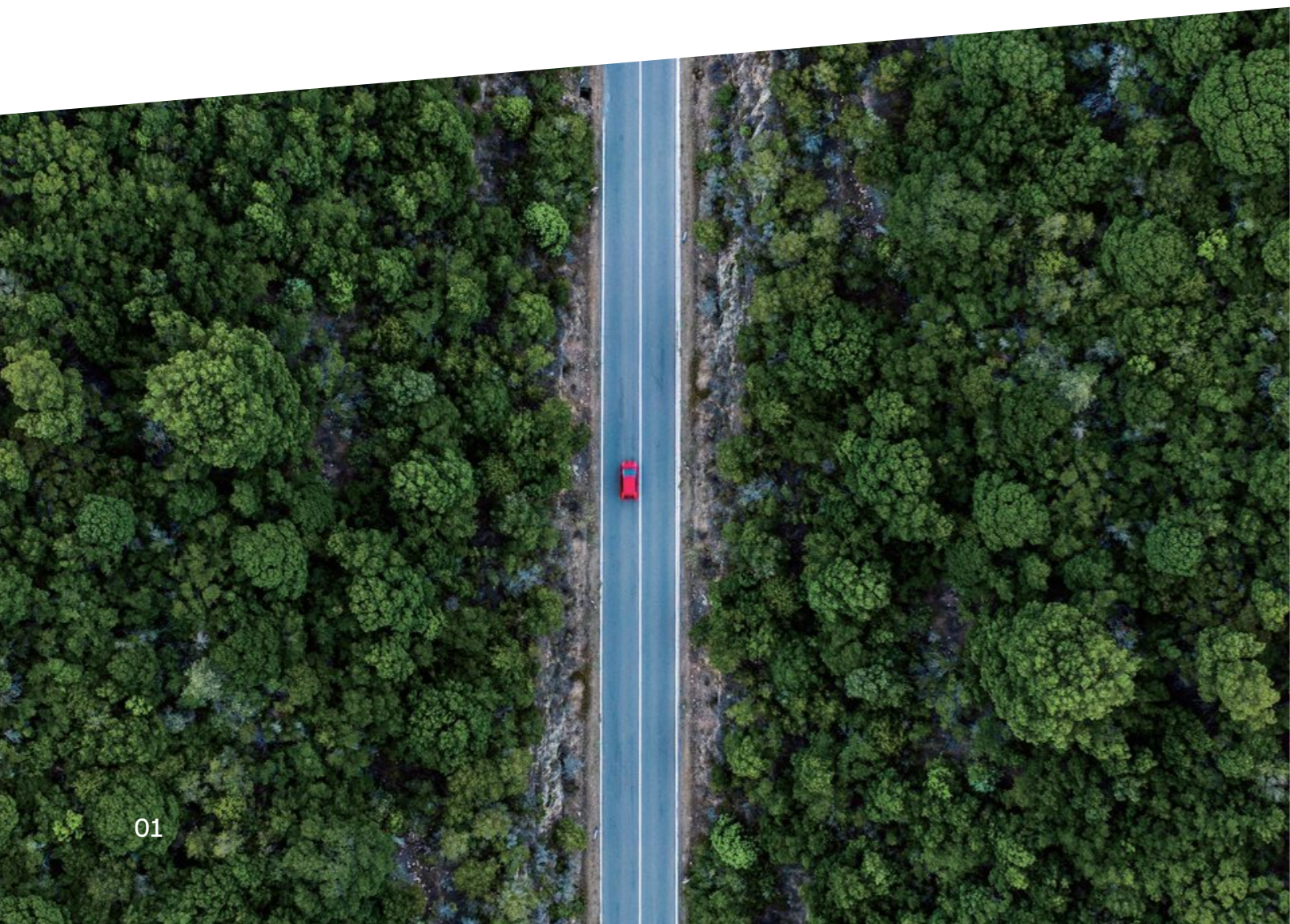


Road to Net Zero

The **energy sector** is undergoing a revolution.

Today's energy transformation is being driven by the shift towards an energy mix that can provide both increasingly sustainable development and certainty of supply.

The **International Energy Agency (IEA)** in its Net Zero Emissions by 2050 analysis, has projected that installed capacity of **renewable energy** will have to be **increased by 23%** (target 14.7 TW) by 2040.



This energy revolution is being guided by **three trends**:



Decarbonization

Reducing CO₂ emissions and inefficient energy consumption is a cornerstone objective for most companies and organizations, and is increasingly tied to business targets.



Energy transition

Technological innovation, increased use of renewable energy sources, and availability of cutting-edge efficiency services make it possible to effectively respond to the challenges posed by climate change in an electrified way.



Business needs

Evolving business needs include digitalization, technological development, and sustainability outcomes. Organizations are increasingly oriented toward effective solutions and simple and integrated services.

Enel Group

The Enel Group is leading the energy transformation. Enel is a multinational power company and a leading integrated player in the global power and renewables markets.

Enel is located in 29 countries, producing energy with ~88 GW of total capacity, and ~68 GW of renewable capacity.

Enel is listed as one of Fortune magazine's Global 500 companies, and is the largest private renewable player and the biggest retail operator by customer base.



65,000

Employees
Worldwide



73 million
retail customers
around the world



68 GW
in installed
renewable
capacity



29 Countries
around the world
with an active
presence



As of 2023

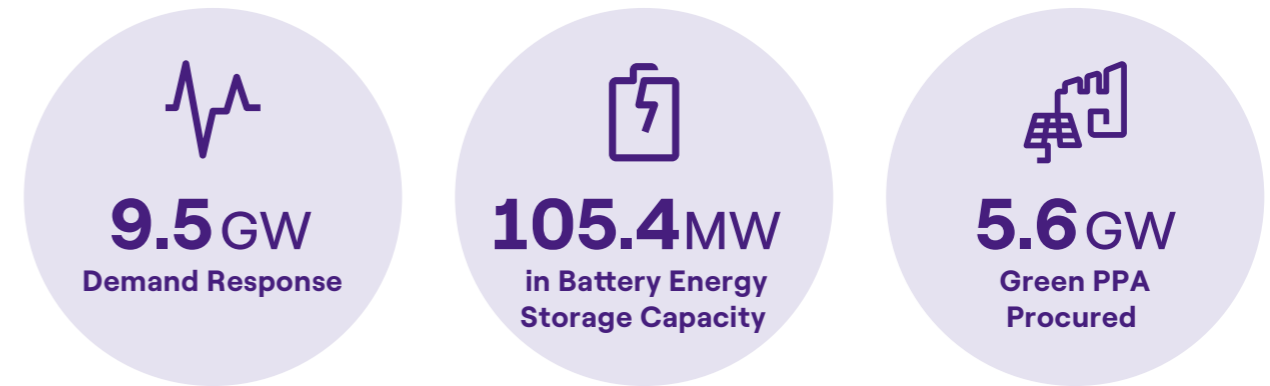
Enel X Global

Enel X is the Enel Group's global advanced energy services business line. As a global leader in the development of innovative solutions to support the energy transition, Enel X provides consumers, businesses and cities with an integrated offer focused on sustainability and achieving net zero objectives.

Enel X focuses on promoting electrification and digitalization as drivers for creating new value for businesses. We create new value through intelligent energy services, integrating our retail commodity, and green energy options.

Enel X has been selected as one of the leading Energy Innovation companies by the Ministry of Trade, Industry, and Energy in South Korea.

Global Leadership



Enel X's 4 Strategic Pillars

- 1 Platformization**

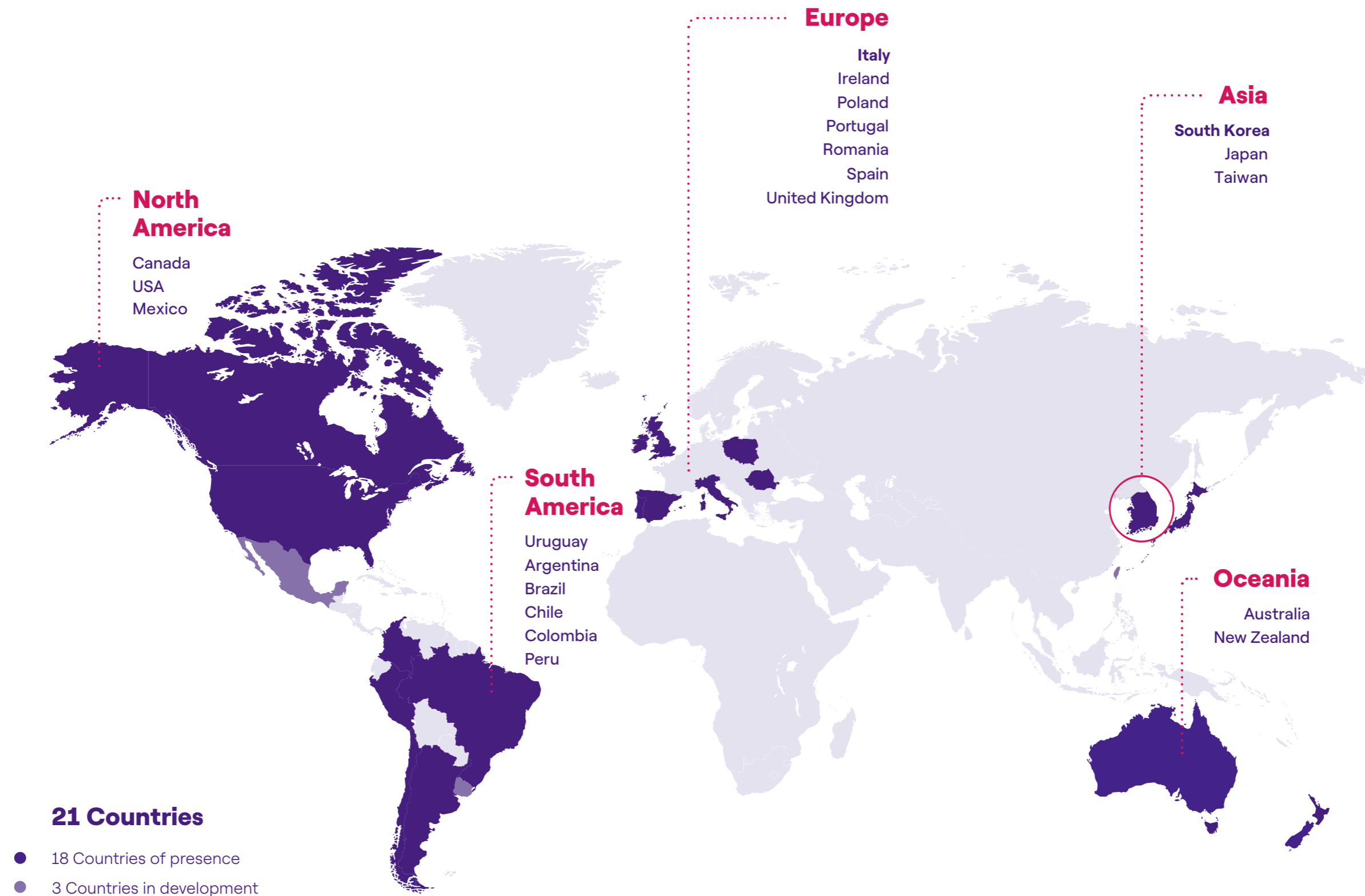
We operate the world's largest independent Virtual Power Plant (VPP) Platform. Our 24-7-365 Network Operations Center services customers worldwide.
- 2 Digitalization**

Digitalization is embedded into our products and services to create added value and enable easy access to analytics for our customers.
- 3 Integration**

We can bundle intelligent energy services (Demand Response) with decarbonization options like battery storage, solar PV, and electric mobility.
- 4 Ecosystem**

Our ecosystem of products, platforms and integration makes it possible to provide a reliable and comprehensive service.

Enel X in the World



Over **66M** Global Customers & **18** Countries worldwide

Enel X Korea

New opportunities to decarbonize, electrify and optimize your energy use



Demand Response

We help you earn new revenue by trading your assets' flexibility in the energy markets



Distributed Energy

We develop Rooftop Solar at your facility and trade the clean power in the energy market to maximize value, including PPA procurement



New Energy Initiatives

We are constantly developing new energy business opportunities into sustainable energy solutions that are tailor-made to the customers' needs



Our Mission

To help businesses accelerate their decarbonization by leveraging the full market value of flexible demand

Our Market Leadership

- The #1 independent VPP in Korea, established in 2014, with over 500 customers
- Recognized first mover in connecting C&I energy assets to power markets
- KEPCO certified 5-minute monitoring meter that is Enel X made
- Our Joint Venture with KOMIPO (Korea Midland Power) saw Korea's first rooftop Solar PV project approved by the Ministry of Trade, Industry and Energy
- Technology and investment platform backed by the biggest power utility in the world
- Selected as RE100 investor for industrial complexes located in Gyeonggi province



Demand Response

What is Demand Response?

Demand Response (DR) is a sustainable way of using energy, where energy users offer their load to support the electricity grid during times of need such as a supply-demand imbalance. DR helps to balance the intermittency of variable wind and solar power by providing instant, dispatchable capacity to the grid when called on.

Businesses respond by powering down or switching to a backup power source to give their capacity to the grid. They do this via our market-leading Virtual Power Plant (VPP) which has access to a range market programs.

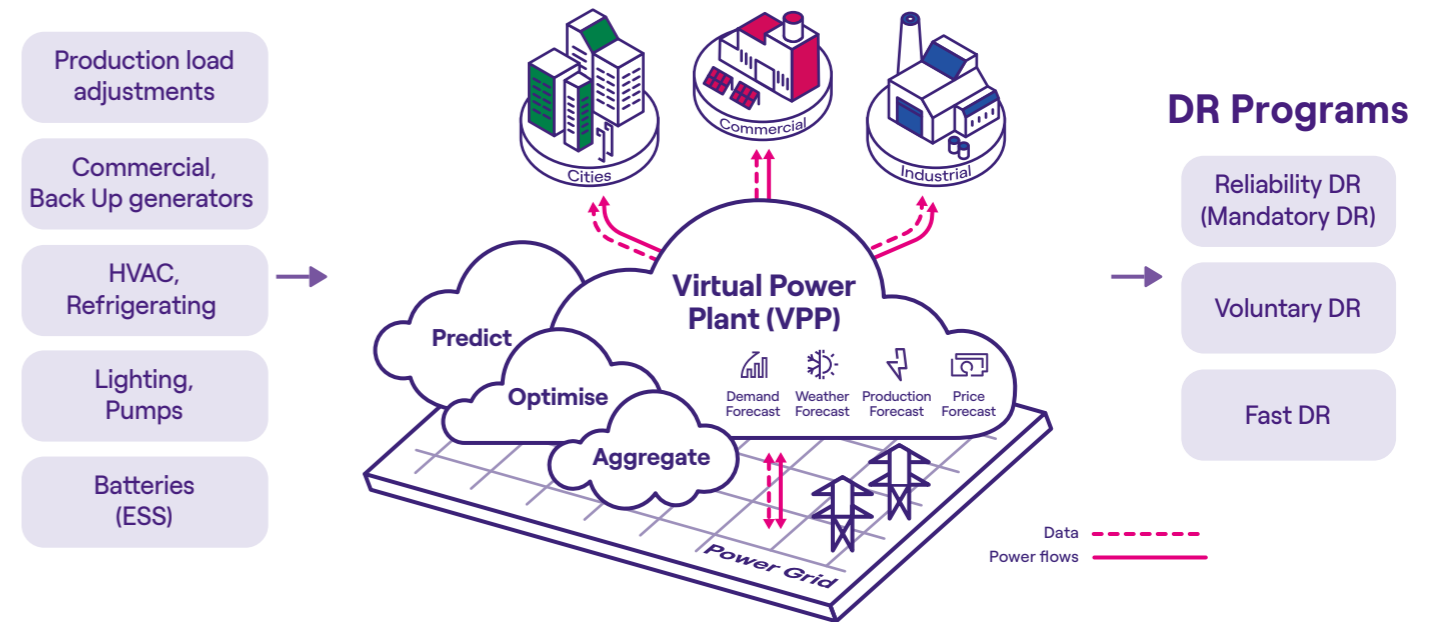
VPPs and DR are the most efficient way to manage energy resources, as they can help to avoid unnecessary investment in new generation capacity. Businesses receive payments in exchange for providing their resources, without impact to their operations.

Demand Response is currently being actively implemented in developed countries such as North America and Europe.

How it works

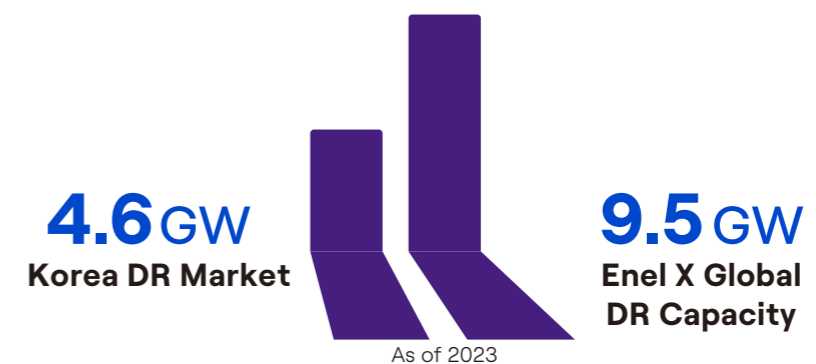


Flexible Energy Assets



Why Enel X?

- More than 22 years of global Demand Response experience
- Over 110% of DR event performance across DR events in Korea
- Excellent Voluntary DR performance and management
- Provides E-Smart, an user friendly proprietary 5-minute platform for every business
- Responding to DR events 24/7/365 with our global Network Operations Center
- The only provider that is compliant with international power data security regulations in Korea, such as ITIL, COBIT and ISO 27001
- Enel X Korea has 77 patents related to Demand Response



Distributed Energy

Enel X Korea is a leading renewable energy company in Korea backed by Enel's outstanding technology and proprietary Net Zero solution services.

We help businesses accelerate their decarbonization journey through distributed resource development such as solar power generation, energy storage assets, and our customized solutions such as Renewable Energy 100 (RE100) implementation & planning, and supporting Power Purchase Agreement (PPA).

Our Distributed Energy Offering

1. Sustainable Win-Win Rooftop Solar PV Project for Small and Medium Sized Enterprises

- First project to be approved by MOTIE as a joint investment with Korea Midland Power
- Solar power generation revenue is shared with SMEs

2. Development of Distributed Energy Resources

- Solar Power and Energy Storage Systems
- 15 Solar Power Plants running with total capacity of approximately 10MW

3. RE100 Consulting

- Total of 5.6GW of Global Power Purchase Agreement (PPA) capacity with Distributed Resources
- Gold Accredited Provider of the Carbon Disclosure Project (CDP)
- Support local enterprises to achieve RE100 with Enel X global expertise
- Selected as RE100 investor for industrial complexes located in Gyeonggi province


10 MW
Solar Power Capacity


15+
Enel X Korea Solar Power Plants

Enel X – KOMIPO Joint Venture Rooftop Solar PV

Our joint venture with KOMIPO (Korea Midland Power) is the first project approved by the Ministry of Trade, Industry and Energy as the rooftop solar PV project. We currently are operating 15 solar power plants across the country*, we will be expanding our plants up to 10.34MW. With our solar power plants, we are contributing to providing clean energy to the local grid.

* As of 2023



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enelx.com/kr/ko

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