



# RESPONSIBLE ENERGY

# GEN GROUP

The GEN Group is one of the largest and strongest business groups in investment terms in Slovenia. As the leading Slovenian electricity group, we manage an integrated electricity supply chain.

## MISSION

We are the leading regional implementer of the transition to a self-sustaining and low-carbon electric power grid based on nuclear energy and renewable sources. Through a value-added chain that covers the spectrum from production to supply, we ensure the reliable, competitive and customer-oriented supply of energy and energy services.

## VISION

We will become a regional producer and supplier of low-carbon electricity at a competitive price, and achieve excellence on a global scale.

The largest electricity supplier in Slovenia:

# 100% LOW-CARBON ELECTRICITY

We supply customers electricity produced from sources that do not generate CO<sub>2</sub> emissions.



MORE THAN  
20  
EUROPEAN  
MARKETS,

where we are present through trading and sales activities.




3,147  
GWh

electricity sold in 2022 for the GEN Group.



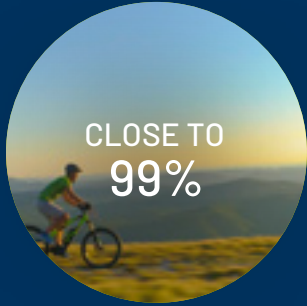
30%  
SHARE

of Slovenia's total electricity production.



5,600–6,300  
GWh

is the average annual amount of electricity produced by our power plants (taking into account 100% production by the NEK).



CLOSE TO  
99%

of electricity produced from low-carbon energy sources.



A TOTAL OF  
1,664  
EMPLOYEES

pursuing the GEN Group's mission.

# KEY PERFORMANCE DATA FOR 2022

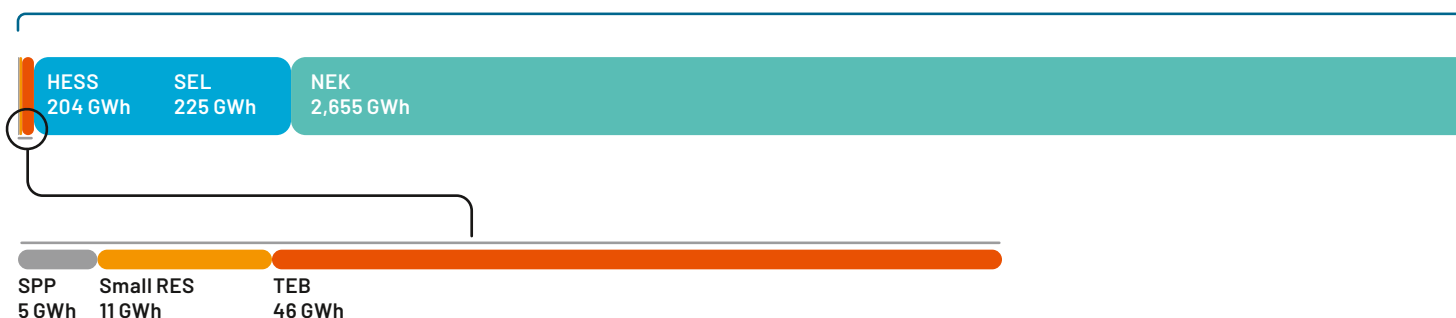
**Despite the energy crisis and dramatic conditions on the energy markets, the GEN Group successfully pursued its mission in 2022. We continuously supplied Slovenian customers reliable, affordable and low-carbon energy at contractually agreed prices, while all of the GEN Group's production units operated reliably, safely, stably and in an environmentally friendly manner.**

In its work, the Group constantly addresses key energy challenges, in particular decarbonisation, the energy transition, and the self-sufficient supply of energy and energy self-sufficiency. The GEN Group's goal is to become the main implementer of the transition to a self-sustaining and carbon-free electric power grid that is the most reliable and cost-competitive.

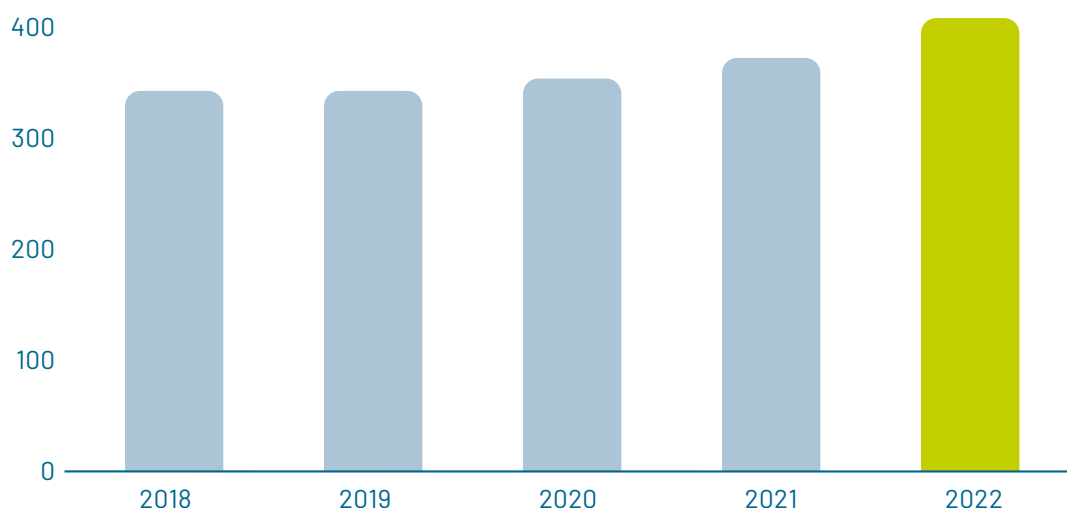
KEY FIGURES OF THE GROUP		2021	2022
Revenue	in EUR thousand	3,483,568	4,157,520
EBIT	in EUR thousand	134,993	34,319
EBITDA	in EUR thousand	179,719	88,241
Net profit	in EUR thousand	105,555	23,597
Assets	in EUR thousand	1,397,959	1,601,435
Equity	in EUR thousand	1,005,911	1,031,482
Debt	in EUR thousand	146,469	265,809
Investments	in EUR thousand	44,210	56,694
Electricity produced	in GWh	3,388	3,147
Electricity sold	in GWh	48,685	23,171
Number of employees at year-end		1,232	1,340

## Production portfolio of the GEN Group in 2022

**3,147 GWh**



## Growth in the number of electricity household consumers in the GEN Group in Slovenia (in thousands)






# PURSUIT OF THE GEN GROUP'S MISSION

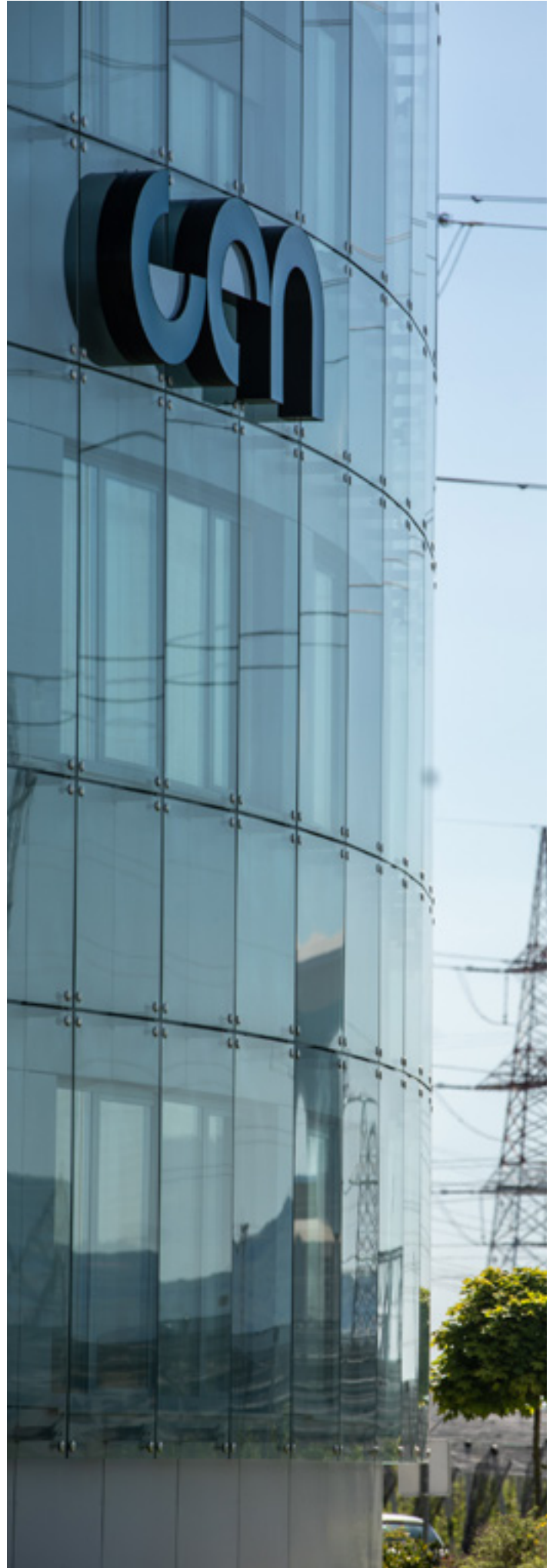
The confluence of the climate and energy crises has led to a significant change in conditions in the European energy sector. Dependence on energy imports has proven to be a major obstacle to the country's strategic development. The reasons for enhancing the self-sufficient supply of electricity are thus more relevant than ever.

The recent energy crisis has illustrated the need for a more efficient and closer link between electricity production and consumption. We are therefore **reinforcing our development paradigm with the aim of:**

 **1** generating cash flow through the production and reliable supply of our customers, and via international trading, and funnelling that cash flow into

 **2** investments in nuclear technologies and

 **3** renewable energy sources, flexibility and advanced services.



# 1 RELIABLE SUPPLY OF CUSTOMERS

The basis of reliable supply is reliable production, which we achieve by ensuring the highest international operating standards of our production facilities. We are maximising operational flexibility on the energy and ancillary services market, and successfully creating and exploiting synergies within the Group.

**Customers** are the central focus of operations: we are the most trustworthy supplier of low-carbon electricity on the Slovenian market. We are opening opportunities for demand response via innovative development services. As the most reliable partner in the implementation of the green transition, we are strengthening the competitiveness of the Slovenian economy and the public sector.



We are creating investment potential by **optimising the sale** of produced electricity on the retail market, while exploiting opportunities on the wholesale markets to increase added value.

We are generating brand recognition through **international trading**. We are the leading energy trader in Southeast Europe, and are consolidating our global presence by expanding geographically to several continents.

**Energy self-sufficiency of Slovenia through responsible and prudent investments: The GEN Group deems investments in nuclear technology, renewable energy sources, flexibility and advanced services as a crucial contribution to the development of the modern, reliable, safe, environmentally friendly and future-oriented supply of electricity to Slovenia at a stable and competitive price, without greenhouse gas emissions.**



## 2 INVESTMENTS IN NUCLEAR TECHNOLOGIES



The core development project of the GEN Group is the construction of a second nuclear power plant unit (JEK2), which will facilitate long-term energy independence.

As the bearer of the nuclear energy option in Slovenia, GEN actively monitors the **international development of nuclear technologies**, and monitors the development of medium-sized and **small modular reactors (SMR)**.



## 3 INVESTMENTS IN RENEWABLE ENERGY SOURCES, FLEXIBILITY AND ADVANCED SERVICES

We are taking decisive steps on the path to the green transition and sustainable development through the planning of:

- investments in the construction of new production capacities to increase the share of renewable energy sources (RES): **solar, hydro** and **wind**;
- investments in the construction of new capacities for the **management of flexibility**; and
- advanced **sustainable energy cycle** and **energy community** services.

Through investments in RES, we are making a significant contribution to the achievement of the national goals of decarbonisation and an increased share of RES, which are part of Slovenia's commitments defined in the comprehensive National Energy and Climate Plan (NECP).



WE LEAD BY EXAMPLE:

# THROUGH A POSITIVE CONTRIBUTION TO AND SUSTAINABLE POLICIES IN THE AREA OF SUSTAINABLE DEVELOPMENT

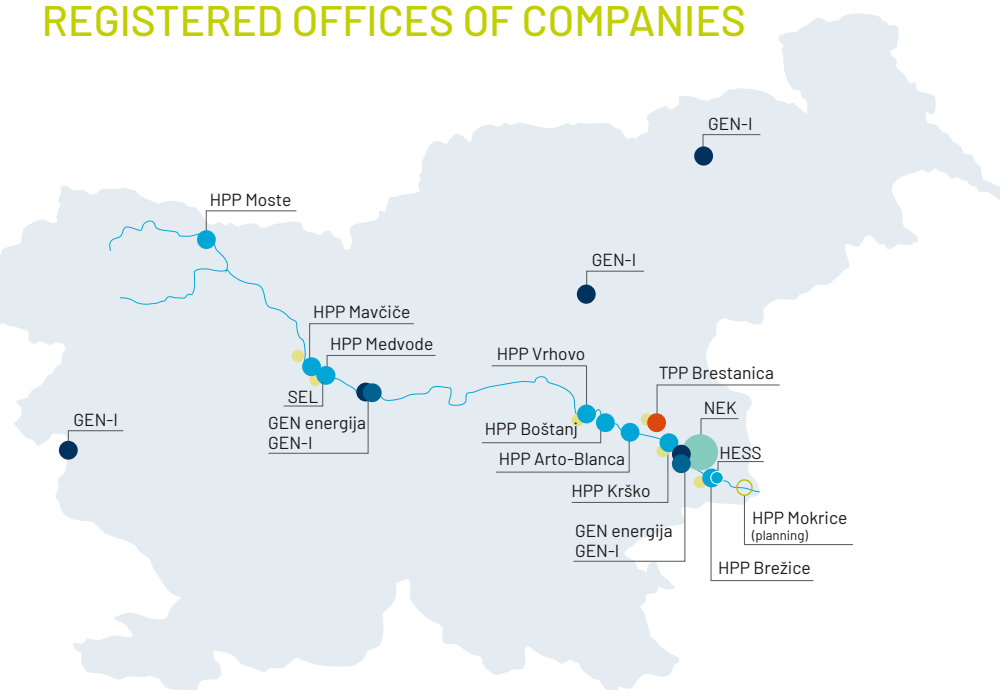
**At the heart of the GEN Group's operations is its strong commitment to the achievement of sustainable development, as we are acutely aware that a flexible and resilient society is necessary to effectively address environmental, climate and socio-economic challenges.**

The 2030 Agenda for Sustainable Development, which was adopted by the United Nations, lays down 17 Sustainable Development Goals (SDGs) at the global level, as well as indicators for achieving those goals. **Through its sustainably oriented operations, the focus of the GEN Group is on goal no. 7, i.e. affordable and clean energy, as well as a number of other goals.**

Via policies governing sustainable operations based on the Group's ESG Policy, we comply with Slovenian and European legislative requirements. By integrating the GEN Group's sustainability principles and sustainable governance approaches into management processes and business decisions, we are better equipped to identify sustainability risks and opportunities that may have a long-term impact on the GEN Group's performance and improve the governance thereof.

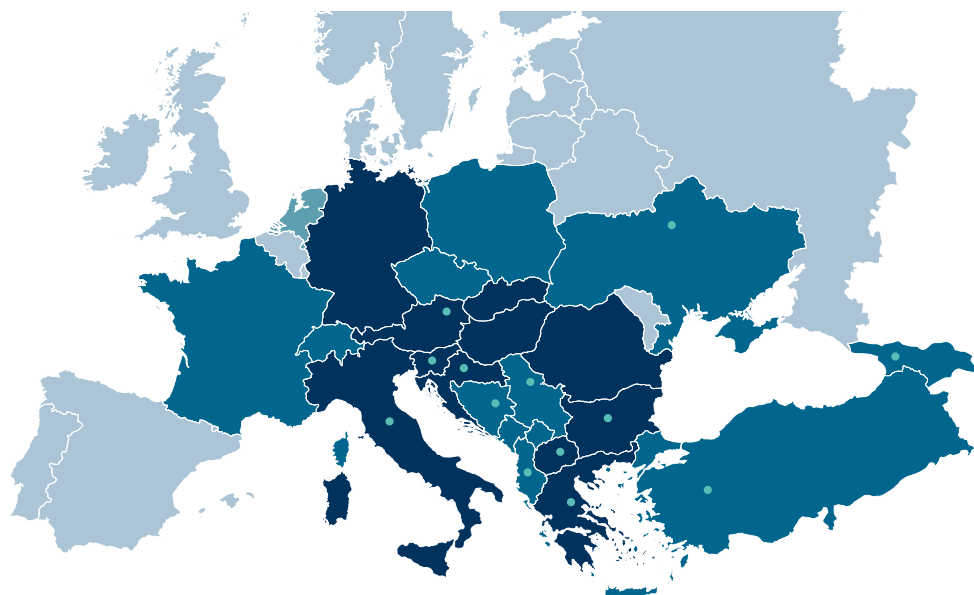


## OUR PRODUCTION UNITS AND REGISTERED OFFICES OF COMPANIES



- GEN energija
- GEN-I
- Hydroelectric power plants on the Sava River
- Solar power plants
- Nuclear Power Plant
- Brestanica Thermal Power Plant

## PRESENCE OF GROUP COMPANIES ON EUROPEAN ELECTRICITY AND NATURAL GAS MARKETS



- Subsidiaries
- Electricity and natural gas
- Electricity
- Natural gas

## GEN GROUP COMPANIES BY ACTIVITY

### GEN energija d.o.o.

Controlling company of the GEN Group  
[www.gen-energija.si](http://www.gen-energija.si)

### PRODUCTION

#### Nuklearna elektrarna Krško d.o.o. (NEK)

Electricity production at  
a nuclear power plant  
[www.nek.si](http://www.nek.si)

#### Savske elektrarne Ljubljana d.o.o. (SEL)

Electricity production at  
hydroelectric power plants  
[www.sel.si](http://www.sel.si)

#### Termoelektrarna Brestanica d.o.o. (TEB)

Electricity production at  
a thermal power plant and provision  
of system reserves  
[www.teb.si](http://www.teb.si)

#### Hidroelektrarne na Spodnji Savi, d.o.o. (HESS)

Electricity production at  
hydroelectric power plants  
[www.he-ss.si](http://www.he-ss.si)

#### Srednjesavske elektrarne d.o.o. (SRESA)

Electricity production at  
hydroelectric power plants

### TRADING AND SALES

#### GEN-I, d.o.o.

Trading, sale and purchase  
of electricity  
[www.gen-i.si](http://www.gen-i.si)

#### Elektro energija d.o.o.

Electricity and natural gas sales,  
purchase of electricity  
[www.elektro-energija.si](http://www.elektro-energija.si)

### DEVELOPMENT, RESEARCH, SERVICES AND OTHER

#### ZEL-EN, razvojni center energetike d.o.o.

Research and development  
in the area of energy  
[www.zel-en.si](http://www.zel-en.si)

#### GEN-EL d.o.o.

Investment management

The annual report of the GEN Group is accessible on the website:  
<https://www.gen-energija.si/eng/media-centre/materials>

**Published by:** GEN energija d.o.o., Vrbina 17, 8270 Krško, T: +386 7 49 10 112, E: [info@gen-energija.si](mailto:info@gen-energija.si), [www.gen-energija.si](http://www.gen-energija.si).

