

# NEW ENERGY FOR CLEAN FUTURE



H<sub>2</sub>

Amber  
Grid



# GREEN START



Our goal is to act together on the way of transformation of the energy of Lithuania to a climate-neutral economy. By understanding the meaning of clean energy, we are focusing on the “green start” line, we are ready to start our journey towards creation of green energy, preservation of environment, ecology and atmosphere.

The natural gas transportation system, including main gas pipelines, gas distribution, metering and compressor stations, is an integral part of the Lithuanian energy system. It plays an important role in the creation of an environment-neutral economy and, more importantly, a cleaner and safer future.

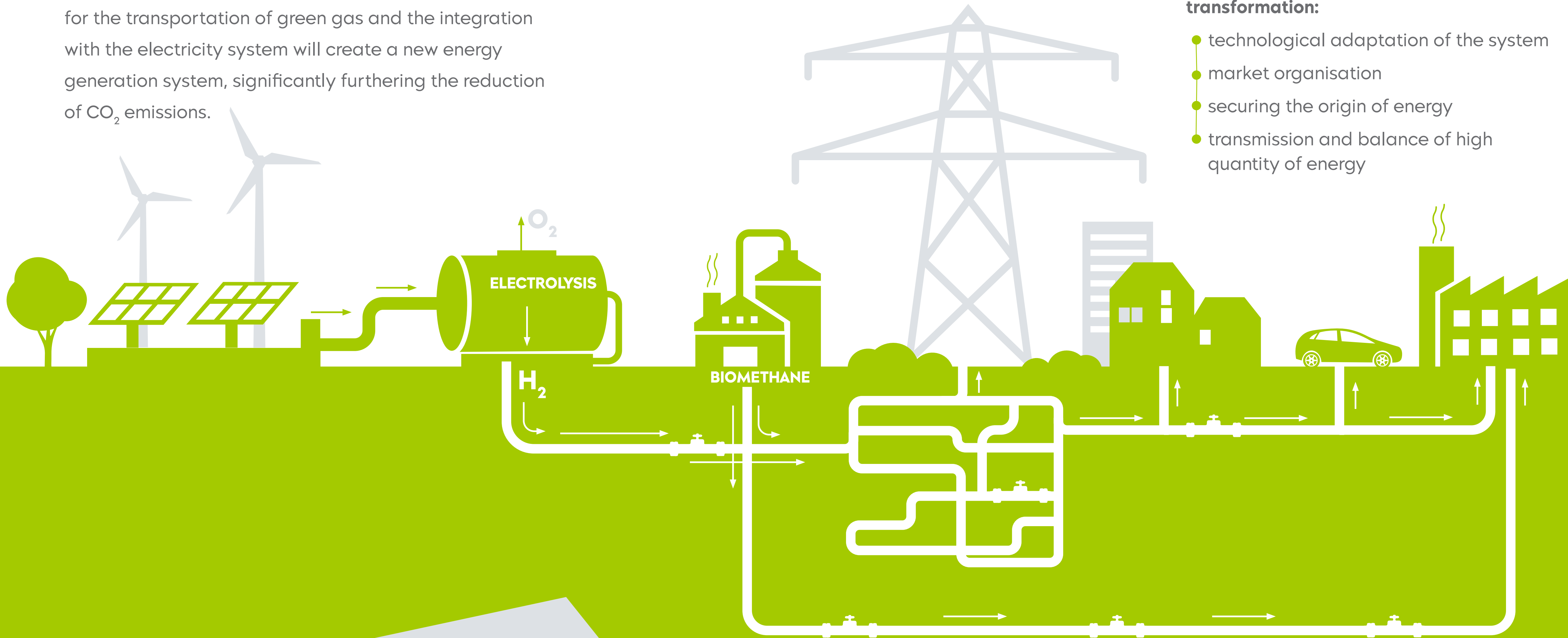
The task of **Amber Grid** is to transform the natural gas system by adapting it to the safe transportation of renewable energy sources, that is biogas, a mix of methane and hydrogen and pure hydrogen. To integrate this system into the common European market by developing a single usable and effective platform will enable Lithuania to push forward the European path towards environmentally friendly policies and enable the customers to utilise clean energy in a simple and cost-effective way.

# ENVIRONMENTALLY-FRIENDLY ENERGY

The adaptation of the existing gas transmission network for the transportation of green gas and the integration with the electricity system will create a new energy generation system, significantly furthering the reduction of CO<sub>2</sub> emissions.

## The role of Amber Grid in the green transformation:

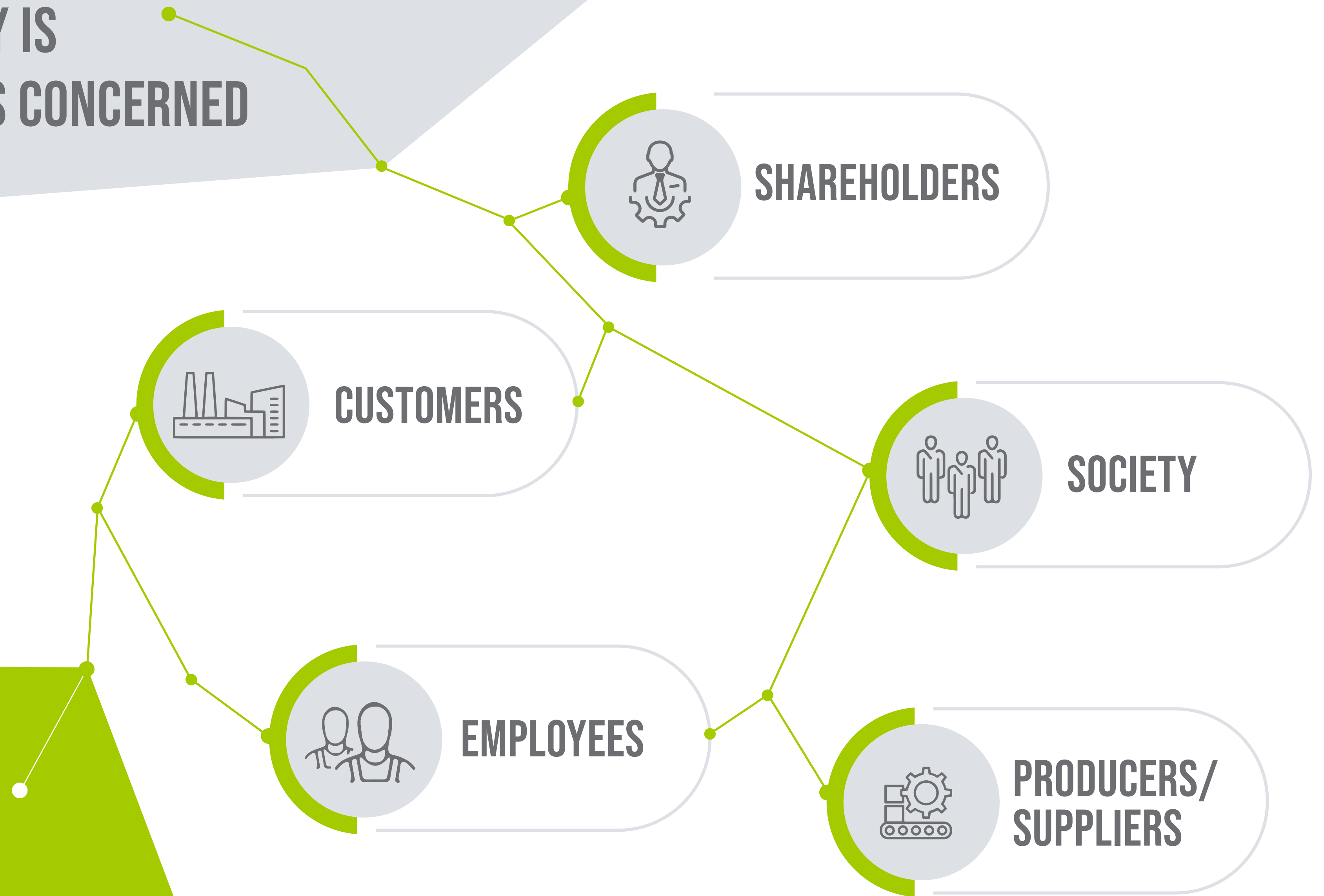
- technological adaptation of the system
- market organisation
- securing the origin of energy
- transmission and balance of high quantity of energy



# THE AXIS OF THE STRATEGY IS THE VALUE TO THE PARTIES CONCERNED

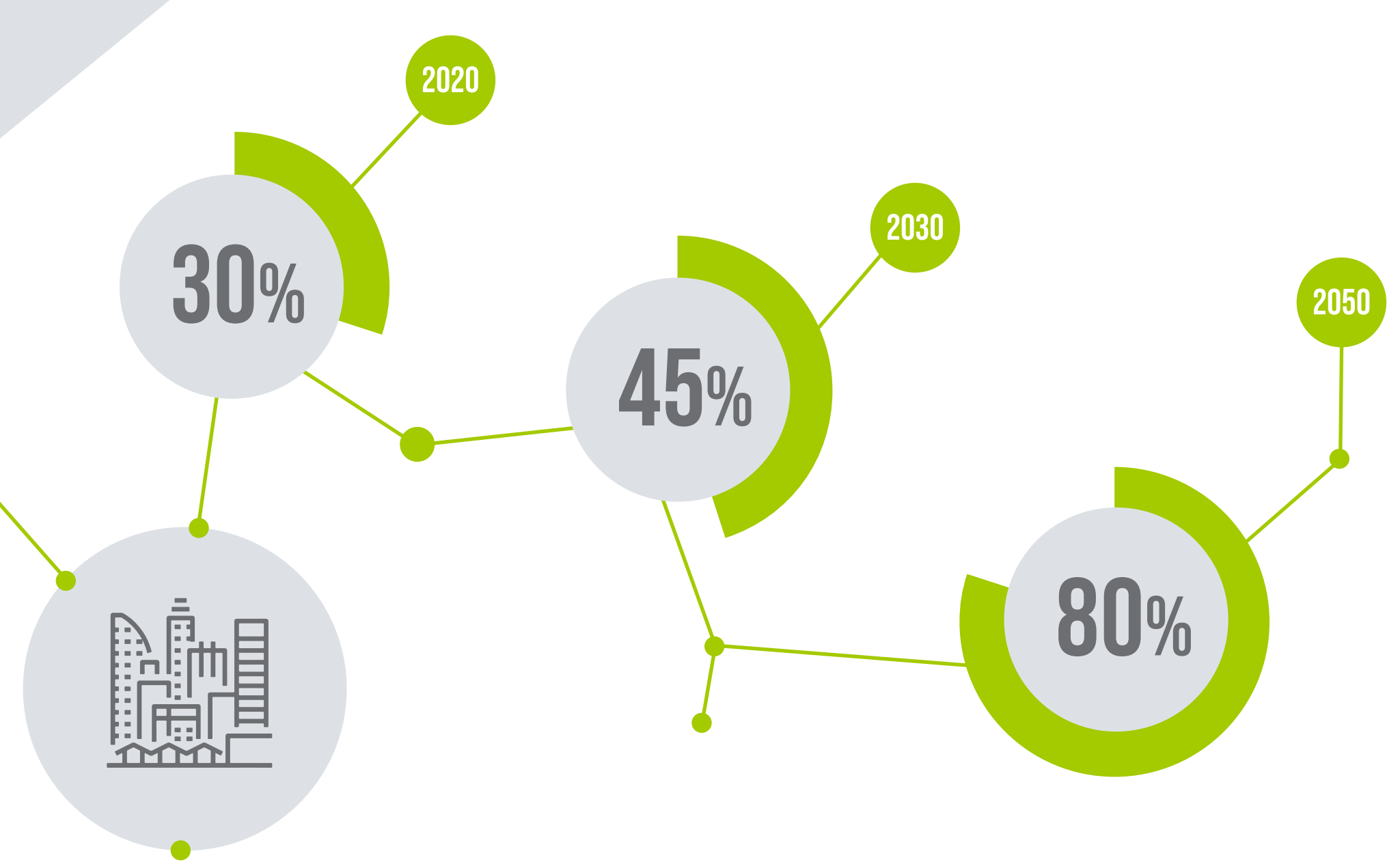
We will introduce innovations in the gas transmission system, transforming it into 'green gas highways' which will integrate the market of Lithuania, Latvia, Estonia and Finland into a single platform within the common European network.

In this journey of transformation, we focus on five stakeholders to whom we are committed to generate value.



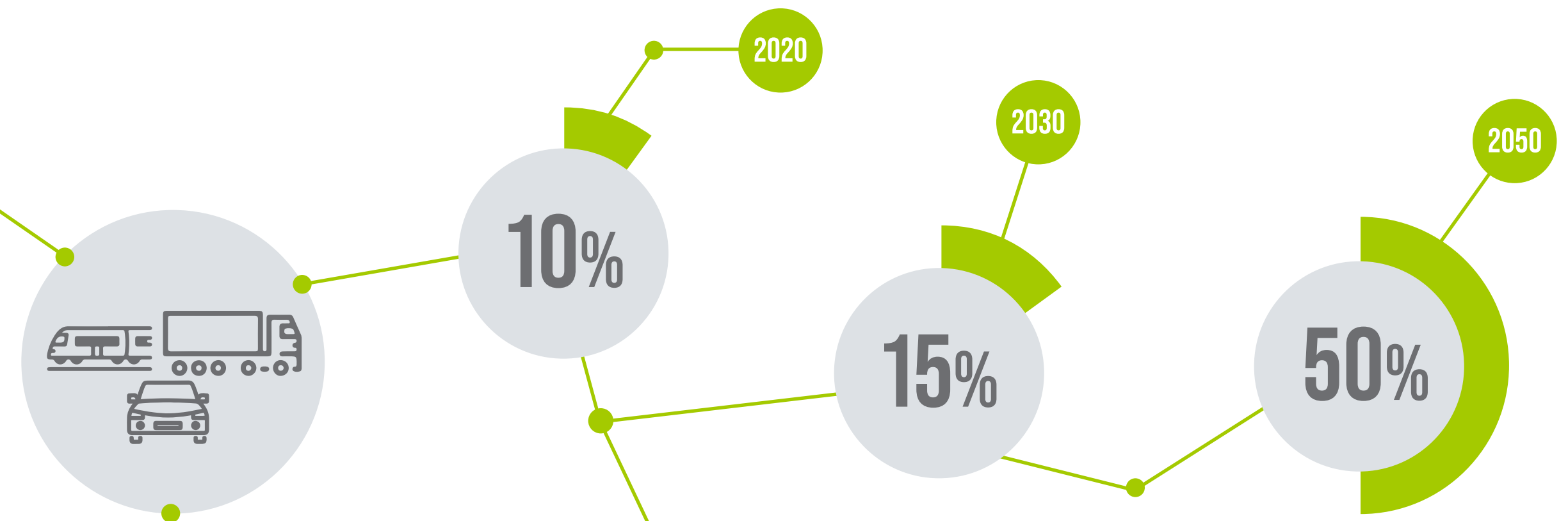
# WE WILL HELP LITHUANIA TO CHANGE

The implementation of this strategy for 2021–2030, will help Lithuania to achieve the objectives of the National Energy Independence Strategy and the National Energy and Climate Action Plan. This will significantly increase the share of renewable and clean energy resources – those which emit low quantities of carbon dioxide (CO<sub>2</sub>) to the environment – in the overall national energy consumption.



Share of renewable energy sources of the national energy consumption

During the period of 2030–2050, Power-to-Gas technology intended for production of hydrogen from electricity and its transmission to the customers through the gas network will have an accelerated development as it becomes of particular importance.



Share of renewable energy sources in the transport sector

Sources: National Energy Independence Strategy (NEIS), National Energy and Climate Action Plan (NECAP)

# WE SEEK FOR THE COMMON GOAL OF EUROPE

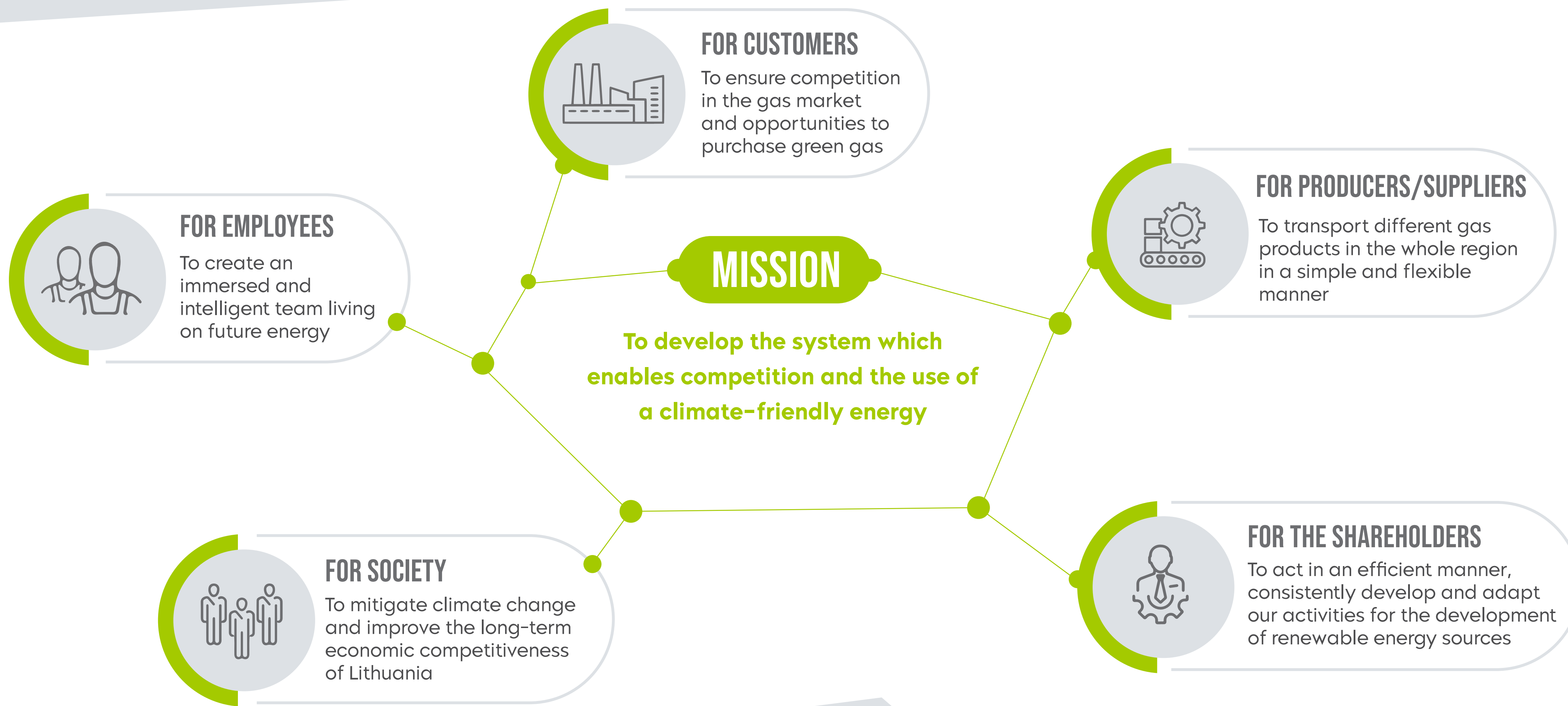
The objective of Lithuania, our company and the whole national energy sector is to replace fossil fuel with renewable energy sources. This is part of a greater objective: to create a sustainable environment. The objective is emphasised by **The European Green Deal**.

This is a new strategy of the European Union aimed at transforming the community into a just and flourishing society with a modern, competitive economy which uses natural resources efficiently.

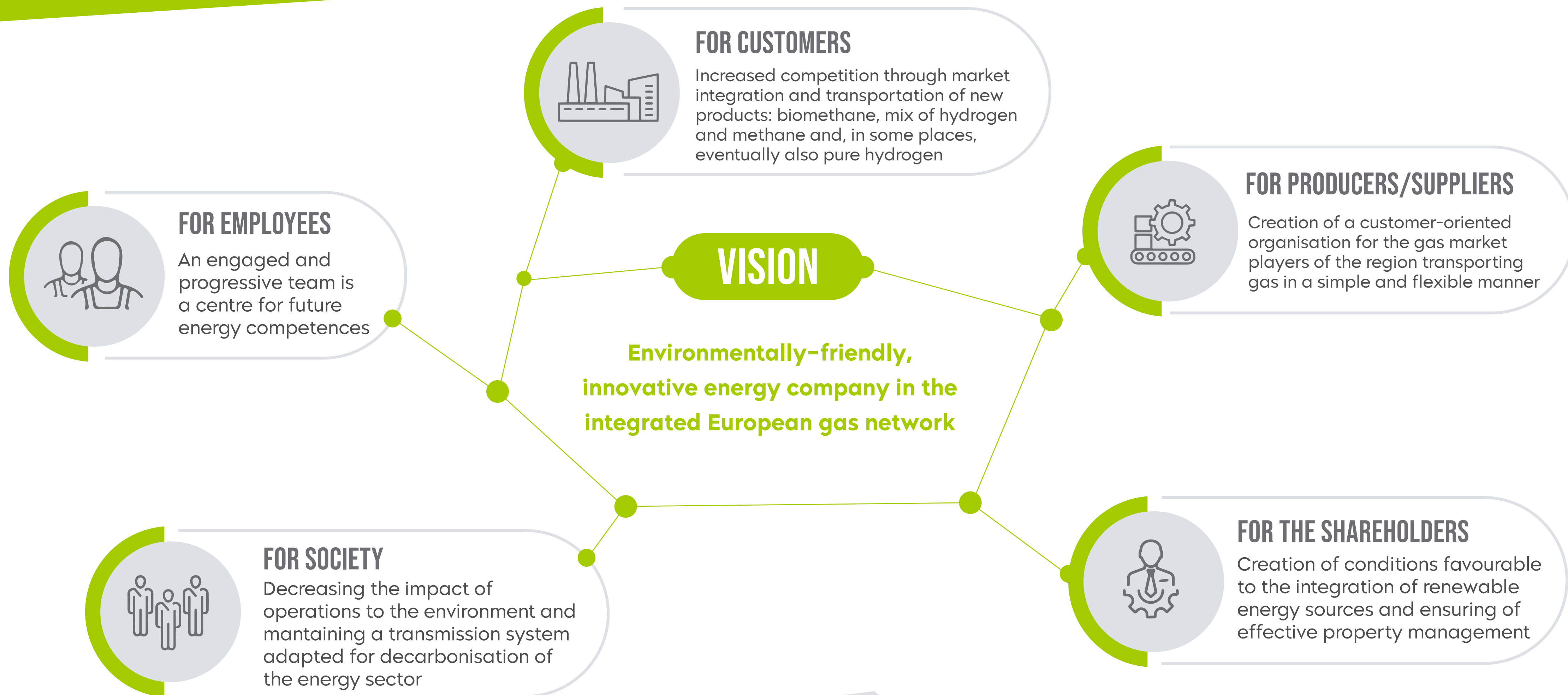
**Together, we seek to make the EU economy climate-neutral (decarbonised) by 2050. This way, economic growth would be decoupled from the use of non-renewable natural resources.**



# OUR OBLIGATIONS



# STRATEGIC PRIORITIES FOR THE YEAR 2030





# GUIDELINES FOR THE IMPLEMENTATION OF THE STRATEGY

Guidelines for the implementation of the  
main strategic priorities for the parties  
concerned for the period of 10 years

Amber  
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# CUSTOMERS

The operation of the gas market - how competition develops, what conditions will be created for transportation and supply of green gas, how new suppliers will enter the market - depends on the actions of Amber Grid. Competition and transparent conditions in the gas market and opportunities for purchase of green gas are important to the group of customer interests.



# VALUE CREATED FOR THE CUSTOMERS



In 2022, a single Lithuania-Latvia-Estonia-Finland tariff area which at a later stage will be expanded by agreements with Poland and development of integration solutions common to all countries.



In 2030, transportation of new products: biomethane, a mix of hydrogen and methane and, in the long run, pure hydrogen.



In 2024, creation of possibilities for trade in guarantees of origin of biomethane among the aforementioned countries. In the long run, a single system guarantees of European origin green gas (including hydrogen) will operate.

# PRODUCERS/SUPPLIERS

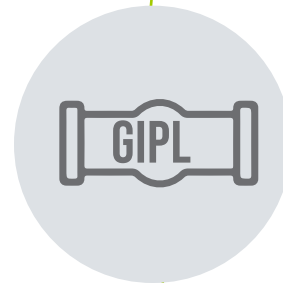
The most important thing for energy manufacturers and suppliers is the transportation of various gas products in the whole region and fulfilling the demands of the customers with a quick, simple and flexible transportation system.



# VALUE CREATED FOR THE PRODUCERS/SUPPLIERS



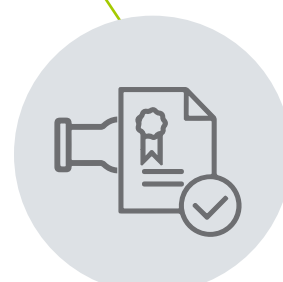
In 2021, a customer service standard will be created.



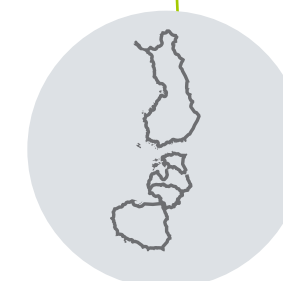
In 2022, provision of services through the Gas Interconnection Poland-Lithuania (GIPL) will begin.



As of 2024, the capacity of the Lithuania-Latvia gas interconnection will be increased and this will allow more active trade in the Baltic Region market.



Till 2030, the transmission system will be adapted for transportation of gas according to new national and cross-border green gas standards.



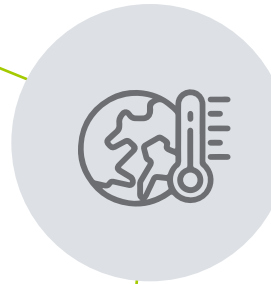
In 2022, a single gas tariff area with FINESTLAT will be created and further integration solutions will be developed with Poland.

# SOCIETY

We understand society in the broadest sense: it includes the population, the State, nature, global environment. Amber Grid is a part of society; thus, as we seek to transform and decarbonise the national energy production and use, we take care of the impact of our daily operations on the environment and climate change.



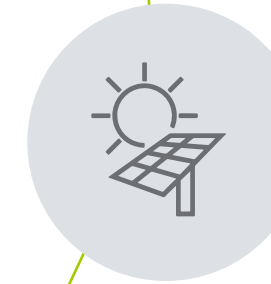
# VALUE CREATED FOR THE SOCIETY



A plan for measures to mitigate the impact of climate change will be consistently implemented by reducing the environmental impact by 2/3 until 2030.



The majority of public procurements will be "green procurements" until 2030 (in 2030 – 30%, in 2025 – 50%, in 2029 – 80%).



We aim for all electricity used by the company to be from renewable sources until 2030.



In 2024, new clean passenger cars are put into service and clean special transport will be put into service until 2030.



In 2024, a single system of guarantees of European origin green gas (including hydrogen) will start to operate.

# EMPLOYEES

Significant changes (on the national and global levels) are enabled by the work carried out by people who are cooperating and focused, have expertise, are responsible and constantly learning. The professional, competent, immersed employees of Amber Grid who are guided by the values are necessary for the implementation of the strategic objectives of the company and the future of domestic energy.



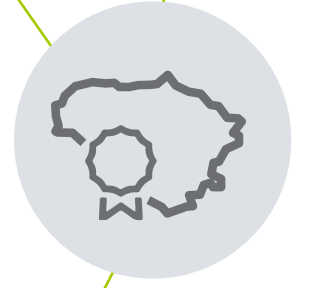




# VALUE CREATED FOR THE EMPLOYEES



We seek to become a centre for new competences, shaping the future trends of energy, lawmaking and an advanced business model in Lithuania, the Baltic Region and the EU until 2030.



We will create an image of an attractive employer in the Lithuanian labour market until 2024.



In 2023, we will create an improvement-promoting learning system according to the most advanced and recognised practices by increasing the competences of our employees. We will enhance leadership and management skills: in 2021, we will start a programme of internal lecturers and in 2026 we will initiate a programme of trainees.



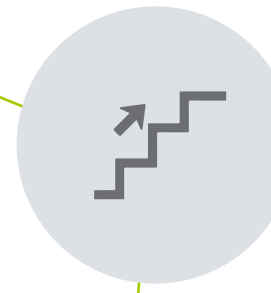
We will ensure use of the most advanced work facilities, tools and equipment until 2023.

# SHAREHOLDERS



The interests of the State are represented by a group of energy enterprises, EPSO-G, which are under the Ministry of Energy. The State seeks to shape a consistent and long-term vision for the energy sector and ensure the smooth implementation of relevant projects. It is important to ensure a sustainable return for the shareholder.

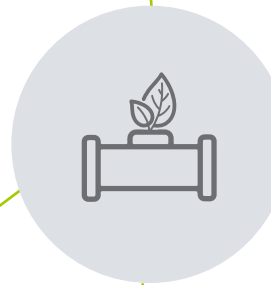
# VALUE CREATED FOR THE SHAREHOLDERS



Sustainable growth of the company.



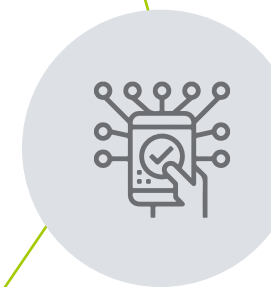
We will become one of the leading gas transmission operators in Europe until 2026.



Effective development of the transmission system and its adaptation to new green gas products.



Cooperation with the regulation authorities on adaptation of the legal framework by introducing new products.



In 2021, a digitalisation strategy for 5 years will be created.

# GOALS AND MAIN PERFORMANCE INDICATORS

	CONSUMERS	PRODUCERS/SUPPLIERS	FOUNDER	SOCIETY	TO EACH OTHER
<b>Goals</b>	<ul style="list-style-type: none"> <li>To adapt the transmission network to placing of green gas on the market</li> <li>To achieve a close-to-zero price difference in the target trade areas of Lithuania and the neighbouring countries</li> </ul>	<ul style="list-style-type: none"> <li>To create a customer-oriented organisation</li> <li>To implement the strategic projects provided for in the National Energy Independence Strategy in a timely manner and within the planned scope</li> </ul>	<ul style="list-style-type: none"> <li>To ensure a sustainable return to the shareholder</li> <li>To ensure efficient management of the gas system by adapting it to integration of renewable energy sources</li> </ul>	<ul style="list-style-type: none"> <li>To significantly mitigate the impact of operations on the environment</li> <li>To enable the transformation of the gas sector by integrating renewable energy sources</li> </ul>	<ul style="list-style-type: none"> <li>To create an engaged and intelligent organisation</li> <li>To become recognised professionals</li> </ul>
<b>Main performance indicators</b>	<ul style="list-style-type: none"> <li>Implementation of the action plan for the adaptation of the transmission system for placing green gas on the market in a timely manner and within the planned scope</li> <li>Difference in wholesale prices, percent</li> </ul>	<ul style="list-style-type: none"> <li>Customer satisfaction, percent (NPS)</li> <li>Implementation of the strategic projects provided for in the National Energy Independence Strategy in a timely manner and within the planned scope</li> </ul>	<ul style="list-style-type: none"> <li>ROE</li> <li>Earned return allowed by the regulator (EUR million)</li> <li>Quantity of renewable energy sources in the gas system (TWh)</li> </ul>	<ul style="list-style-type: none"> <li>Impact of operations on the environment (CO<sub>2</sub>, CH<sub>4</sub> emissions etc.)</li> <li>Quantity of renewable energy sources in the gas system (TWh)</li> </ul>	<ul style="list-style-type: none"> <li>Involvement of employees (percent)</li> <li>Recognised experts of new areas invited to deliver reports on this topic in conferences held in Lithuania and internationally on an annual basis</li> </ul>
<b>Results in 2030</b>	<ul style="list-style-type: none"> <li>Created opportunities for the transportation of hydrogen and gas mixture according to the new and cross-border standards</li> <li>The price on the exchange not more than ≤ 1 EUR/MWh higher than the German (THE) VTP price index for 90% of days</li> </ul>	<ul style="list-style-type: none"> <li>Implementation of the strategic projects provided for in the National Energy Independence Strategy and the National Energy and Climate Action Plan in a timely manner and within the planned scope, i.e. 100 percent</li> <li>Increased regional integration with neighbouring countries (LV, EE, F, PL)</li> </ul>	<ul style="list-style-type: none"> <li>ROE not lower than set by the Government of the Republic of Lithuania</li> <li>100% of the earned return allowed by the regulator</li> <li>Quantity of renewable energy source-gas in the gas system (with the guarantees of origin: 0.95 TWh)</li> </ul>	<ul style="list-style-type: none"> <li>2/3 lower impact of operations on the environment as compared with the year 2020</li> <li>Quantity of renewable energy source-gas in the gas system (with the guarantees of origin: 0.95 TWh)</li> </ul>	<ul style="list-style-type: none"> <li>Involvement of employees 65 (per cent)</li> <li>Centre for competences of new parts shaping the future energy trends, lawmaking, business model</li> </ul>

We will develop a system which enables competition and the use of climate-friendly energy until 2030. Amber Grid is changing and changes the energy sector by integrating gas markets, introducing innovations and works towards creation of green energy.

## WE ARE GUIDED BY OUR VALUES:



We are open and responsible professionals, understand the importance of professional knowledge, practical experience and constant learning to the results and ensuring the continuity business.

We cooperate in a simple and constructive manner towards our set goals.

Openness to new operational practices and ideas motivates us to create, learn, and modernise, implement meaningful changes.

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TO A CLEANER  
FUTURE!**

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