

Group priorities

For a successful energy transition in a sustainable world

GRI 102-15

European integration of the electricity system and more supranational coordination



AN EVOLVING ELECTRICITY SYSTEM

As transmission system operators, Elia and 50Hertz lead the way in the energy transition. Our grids have a crucial role to play in the decarbonisation of the energy sector and society in general.

Besides the rise of renewable generation, the energy transition is also bringing other changes: increasing decentralised generation, more supranational coordination and the emergence of innovations like Internet of Things (IOT), Artificial Intelligence (AI) and Blockchain that are contributing to the fast-paced digitalisation of our society. As a result, new market players and new technologies appear such as electric cars, battery storage, Power-To-X technologies and so on.

In a future, decarbonised and progressively digital world, managing the power system becomes increasingly complex. Not only will electricity generation become ever more weather-dependent, it will also be produced by millions of assets connected everywhere in the European grid. Both transmission and distribution system operators will need more flexibility to keep the system in balance and to manage congestions and voltage issues.



Increasing renewable and decentralised generation



Emergence of new market players and technologies driven by fast-paced digitalisation



Increasing importance of sector coupling



SAFETY

We go for Zero accidents

The safety of everyone, everywhere, is always our number one priority. We continuously invest in safety and work in a responsible and safe manner. Our goal is zero accidents. Every employee and contractor knows the principles of our safety programme. We ensure that Elia Group's safety instructions are properly applied in order to prevent incidents.



INNOVATION

To accelerate the energy transition

We integrate innovative technologies and keep up with the latest developments in the energy sector. Through a range of initiatives, we encourage our employees to be at the forefront of the energy transition, not only with ideas, but also with practical applications for system operation, asset management and market development. In doing so, we draw on our own expertise but are also keen to learn about and develop ideas from outside the Group through collaboration and open innovation.

IN THE INTEREST OF SOCIETY

For a reliable, sustainable and affordable energy system

Security of supply is a condition for a prosperous society. We are aiming for a reliable, sustainable and affordable energy system. Developing our grid infrastructure is critically important to this goal. We realise the grid of the future through proactive dialogue with a variety of stakeholders, based on mutual respect and empathy to come to the best societal and environmental solutions.

We also believe that our technical knowledge and analyses support policymaking and contribute to the public debate on the future of the energy system. A system operator that always puts society first is key to successfully implementing the energy transition.

What is the Energy Triangle (Trias Energetica)?

GRI 201-2

The idea of the 'Energy Triangle' is used to describe the triple challenge of balancing energy security, socio-economical impact and environmental sensitivity. The way towards a carbon free society requires long-term and significant investments at a time when meeting the challenges of energy poverty and competitive energy costs are more relevant than ever.



A reliable system:

An energy mix that allows demand to be met at all times, promoting economic activity and safeguarding our prosperity.

A sustainable system:

Through renewable integration that fully exploits domestic potential and supplements this with renewable energy generation from abroad via additional interconnectors.



An affordable system:

Thanks to our well-developed grid, we have access to the most efficient sources of energy, both at home and abroad. This ensures price convergence with neighbouring countries and makes us more competitive.

Our strategy

Elia Group is a frontrunner in the transition of the energy sector. To achieve this goal we have a strategy that accommodates the profound and rapid changes in the energy sector. At the same time, our strategy is robust and reflects our essence, so that we continue to create value for society in the future.

Given the capital-intensive nature of our business and the necessary management attention in a transforming business, we focus on six building blocks:

