

Paris Session 2022



Establishing a climate strategy for transmission activities at the Elia Group

SC C3

PS1 - question 1.4

Vincent Du Four, Belgium



The Elia Group defined five key ambitions for sustainability

Connecting our activities to the UN Sustainability Development Goals (SDGs)

 AFFORDABLE AND CLEAN ENERGY  CLIMATE CHANGE  IMPACT ON ENVIRONMENT  CIRCULAR ECONOMY	1. Climate Action	<p>TSO' unique role as enabler of energy transition and facilitator of the EU Green Deal.</p> <p>Greening the power sector via Grid Development, Market Design & Electrification is by far the biggest lever for Co2 reductions of society AND our own company footprint</p>
 SAFETY LEADERSHIP & ZERO ACCIDENTS  DIVERSITY & INCLUSION  ETHICAL VALUES & STANDARDS	3. Health & Safety	<p>As a good corporate citizen, we place also great importance on creating a good and safe working environment for all employees (3, 4) and ensuring that good governance is in place (5) in order to ensure to act with integrity.</p>
4. Diversity, Equity and Inclusion	5. Governance, Ethics & Compliance	

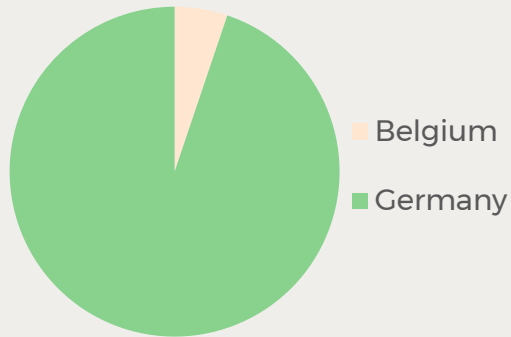
Our 4 objectives towards decarbonisation

Our societal challenge

Our focus:

- Grid development
- Market development & system operations
- Electrification

233,070 ktCO₂eq



OBJECTIVE 1

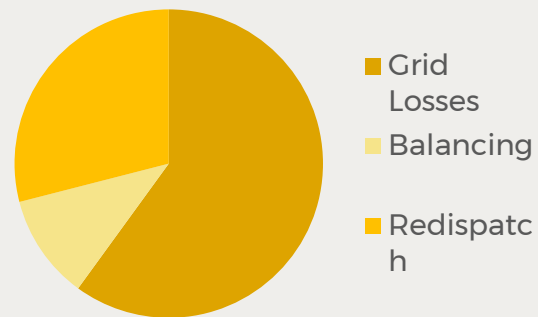
Speed-up decarbonization of the power sector

Our corporate challenge

Our focus:

- Grid losses
- Balancing & redispatch

963 ktCO₂eq*



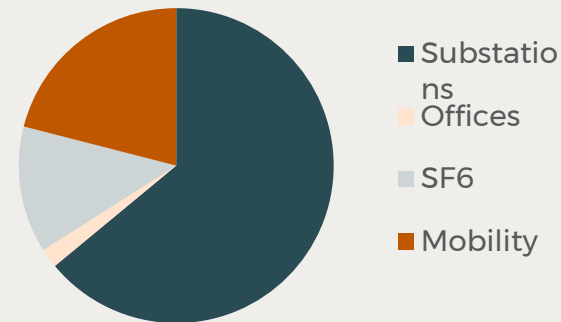
OBJECTIVE 2

Reach carbon neutrality in system operation by 2040

Our focus:

- Offices & substations
- SF6
- Mobility

76 ktCO₂eq



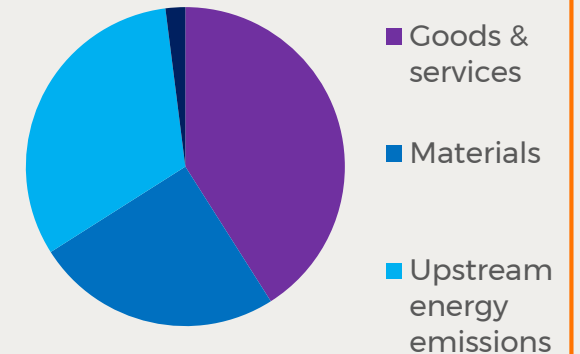
OBJECTIVE 3

Reach carbon neutrality in own activities by 2030

Our focus:

- Procurement & technical design

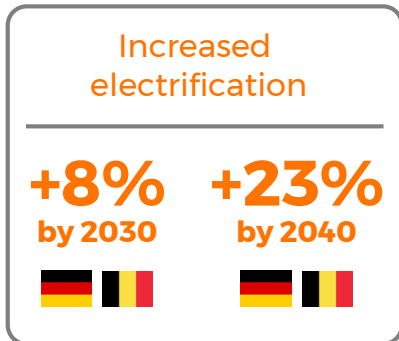
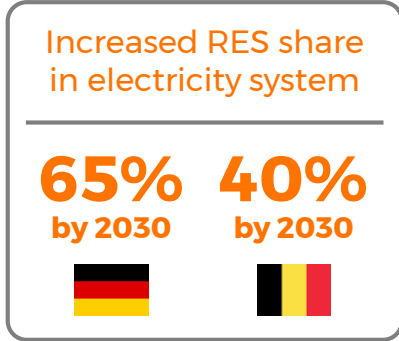
646 ktCO₂eq



OBJECTIVE 4

Move towards a carbon neutral value chain for new assets & construction works

Speed-up decarbonisation of the power sector



Facilitate **RES integration**:

- Grid development
- Market development
- System operations

Support **Electrification** & contribute to effective sector convergence

- ▶ Boucle du Hainaut, Ventilus, SuedOstLink...
- ▶ Near real time market products, 15 minutes products, pre-qualification of new market players
- ▶ Consumer centric market design and digital solutions to integrate decentral flexibility into the power system (EVs...)
- ▶ Joint assessments with industrial players, data center providers and hydrogen producers to assess electrification potentials and main levers.

OBJECTIVE 1
Speed-up decarbonization of the power sector

OBJECTIVE 2
Reach carbon neutrality in system operation by 2040

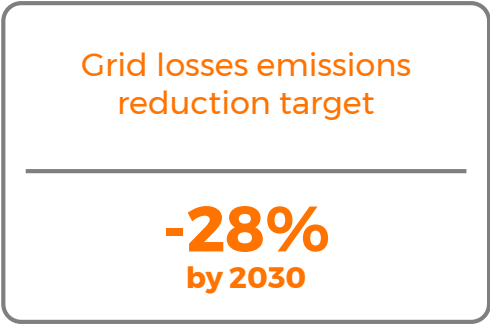
OBJECTIVE 3
Reach carbon neutrality in own activities by 2030

OBJECTIVE 4
Move towards carbon neutral value chain for new assets & works



Tackling the emissions of system operations

- Minimize the increase of losses
- Explore ways to reduce emissions associated with ancillaries (even if not imputable to TSO)



- ▶ Investing in assets with lower emissions
- ▶ Thorough impact assessment for each investment decision
- ▶ Operational measures in maintenance & grid operations
- ▶ Reduce footprint of losses through green electricity procurement

<p>OBJECTIVE 1</p> <p>Speed-up decarbonization of the power sector</p>	<p>OBJECTIVE 2</p> <p>Reach carbon neutrality in system operation by 2040</p>	<p>OBJECTIVE 3</p> <p>Reach carbon neutrality in own activities by 2030</p>	<p>OBJECTIVE 4</p> <p>Move towards carbon neutral value chain for new assets & works</p>
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Tackling the emissions of our own activities

Emission reduction from Mobility

90%
by 2030

- Carbon-free fleet by 2030
- Innovative commuting solutions
- Climate conscious Business Travel

Emission reduction from buildings

-30%
since 2018

- Continuously Improving energy efficiency of existing buildings through insulation and better energy management
- High efficiency criteria in future buildings

Share of **SF6-free** solutions in new assets

50%
by 2030

- Shifting away from SF6
- Continue to improve SF6 leakage management to remain well below 0.25%

OBJECTIVE 1
Speed-up decarbonization of the power sector

OBJECTIVE 2
Reach carbon neutrality in system operation by 2040

OBJECTIVE 3
Reach carbon neutrality in own activities by 2030

OBJECTIVE 4
Move towards carbon neutral value chain for new assets & works



Towards a carbon neutral value chain

Increase our carbon accounting maturity

- Increase maturity for Co₂ accounting in collaboration with our major suppliers in order to set concrete reduction targets

Introducing an Internal Carbon Price

- Introduce scope 3 criteria in our internal decision-making processes

**Mature
Scope 3 data**

60%
by 2023

**ICP fully integrated
in our
business processes**

2023

<p>OBJECTIVE 1</p> <p>Speed-up decarbonization of the power sector</p>	<p>OBJECTIVE 2</p> <p>Reach carbon neutrality in system operation by 2040</p>	<p>OBJECTIVE 3</p> <p>Reach carbon neutrality in own activities by 2030</p>	<p>OBJECTIVE 4</p> <p>Move towards carbon neutral value chain for new assets & works</p>
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