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### Elia Group at a glance

### Geographical scope



#### **Core tasks**



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# Infrastructure management

Operation, maintenance, planning and expansion of the on- and offshore high voltage infrastructure.



2

# Controlling the system

Secure operation and balancing of the whole electricity system, 24/7.



3

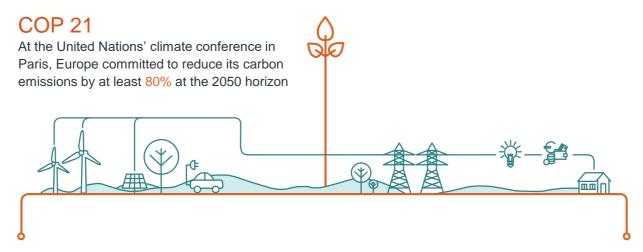
# Developing the EU market

Front runner in the development of the EU electricity market (NEW & CEE regions) to make the EU energy system more competitive, secure and sustainable.





### Society's decarbonisation is driving the energy transition



### Consequences for the energy sector

- Requirement to further improve energy efficiency
- Electrification of carbon-intense sectors
  - Transportation (e.g. via electric vehicles)
  - Heat and cooling (e.g. via heat pumps, combined heat and power)
- Decarbonise the electricity system by transitioning towards a renewable-based energy mix

### Expectations of the electricity system

- Clean: Transport renewable energy to load centers
- Affordable: Efficient and value for money
- Reliable: Enable social and economic development via a high level of service



# The energy transition is ongoing, and characterised by three major fast-paced trends

# Breakthrough of renewables on a European scale

# New players and active consumers empowered by digitalisation

## Integration of European electricity markets



### From centralised conventional generation towards geographically-spread renewables

- In line with the decarbonisation targets, renewables (mainly solar PV and wind) are progressively replacing conventional generation in Europe
- Renewables are often located far from consumption centres, and this drives the need for more transmission infrastructure



### More decentralisation, digitalisation, new players and active consumers ("prosumers")

- The amount of local generation, storage, and controllable loads connected at lower voltage levels is increasing
- Previously "passive" consumers will transform into network of intelligent generation, storage and demand units, paving the way for an "Internet of Energy"

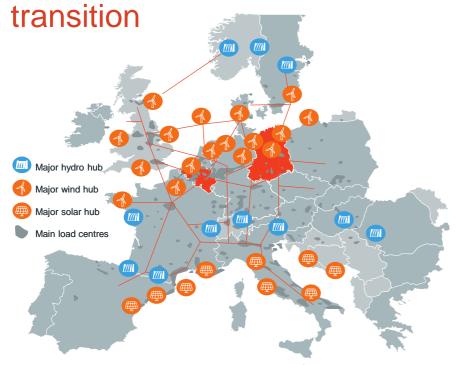


### Further European market integration and more supranational coordination

- National networks and markets are gradually being integrated through interconnections
- Interconnections are being developed in a coordinated manner at European level
- As renewables are geographically spread and variable in nature, interconnections contribute to increasing the security of supply for all European countries



Elia Group is centrally positioned to drive the European energy



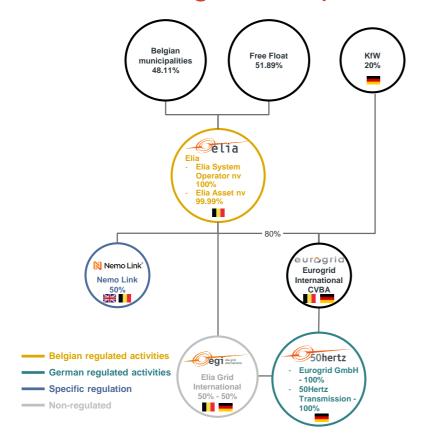
#### Elia Group's 6 strategic building blocks

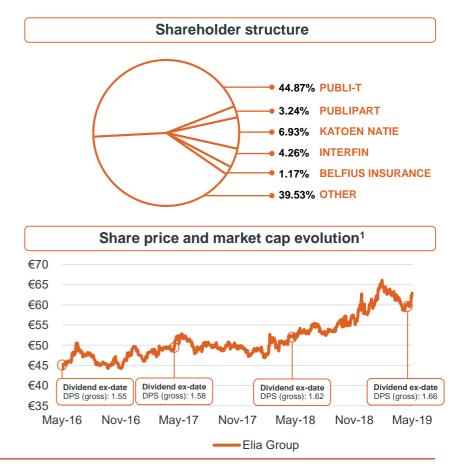
- Ensure a secure, reliable and efficient grid
- Deliver the transmission infrastructure for the future
- Evolve the system and markets
- Cooperate to strengthen our TSO position
- Align culture with strategy
- Remain at the forefront of innovation and growth

The energy transition requires investments in infrastructure and technology development for state of the art system operations and market facilitation



### Shareholding & Group structure



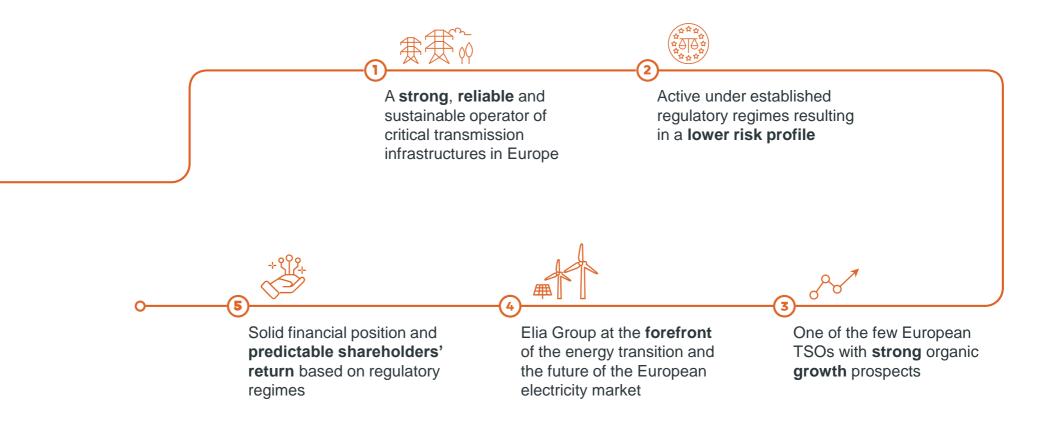




<sup>&</sup>lt;sup>1</sup> Factset as of 17 May 2019



### Investment case















# Elia Group: A strong, reliable and sustainable partner





### **ENVIRONMENTAL**

A SECOND LIFE



IT MATERIAL WHO GOT TREES PLANTED THANKS TO THE LIFE PROJECT

RENEWABLES ENERGY (50Hertz)



#### **SOCIAL**



**EMPLOYEES** 

NATIONALITIES

NEW HIRES















# Value-creative cooperation between Elia Belgium and 50Hertz

- √ O&M best practices (AMEX project)
- ✓ Market integration expertise developed in proactive maintenance



- ✓ Management of a system that is highly interconnected and is a frontrunner in market design and market integration
- ✓ Average asset base age of [30-40] years – expertise developed in predictive maintenance





renewables in the world (54% of RES integration in 2018) ✓ Integrates vast amounts of

with the most connections to

✓ Management of one of the systems

- offshore renewables to the mainland via offshore platforms
- Average asset base age of [10-20] years

50hertz

- ✓ Renewables integrated safely while keeping highly reliable system
- ✓ Technical expertise to build offshore platforms and cables

#### Complimentary skillset accelerating the energy transition





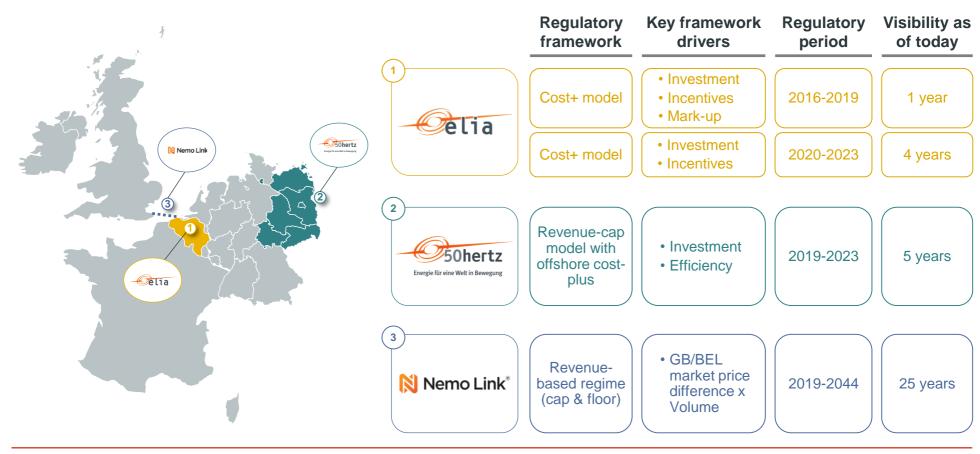








# 2 Predictable earnings from three different regulated assets















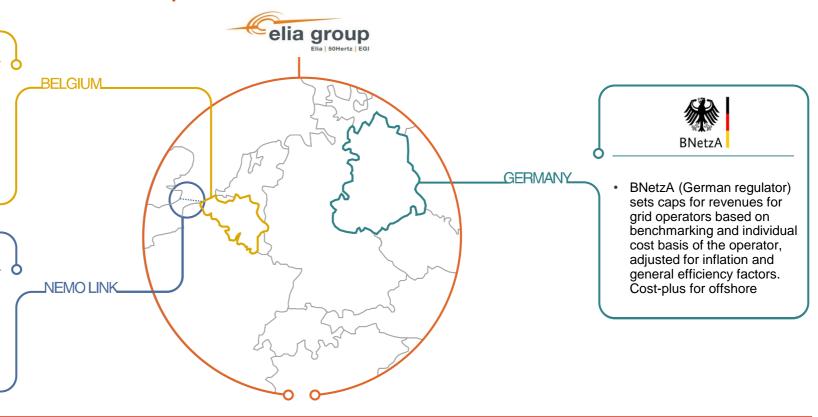
2 Diversification across regulatory regimes further enhancing the low risk profile of Elia Group

#### -CREG-

- Coverage of all reasonable costs and remuneration
- Incentives to reduce the manageable costs and ancillary services
- Remuneration on Equity (no WACC remuneration, embedded debt principle)

### -creg- + ofgem

- · Cap and floor model
- Revenues are determined based on market price difference and interconnector capacity use









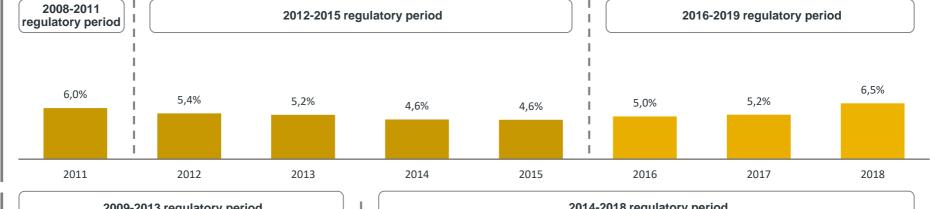




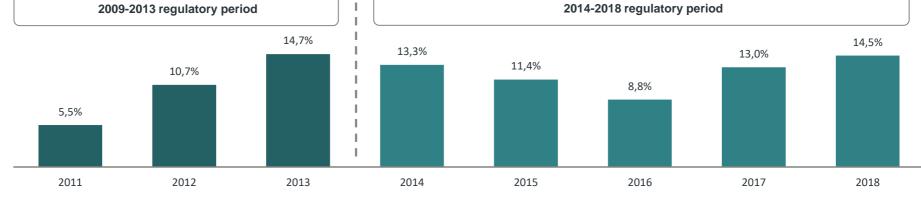


# Track-record of stable regulatory frameworks in Belgium and Germany

Elia Belgium ROE<sup>1</sup>



50Hertz ROE<sup>1</sup>



Note: 1 2015-2018 based on normalized results





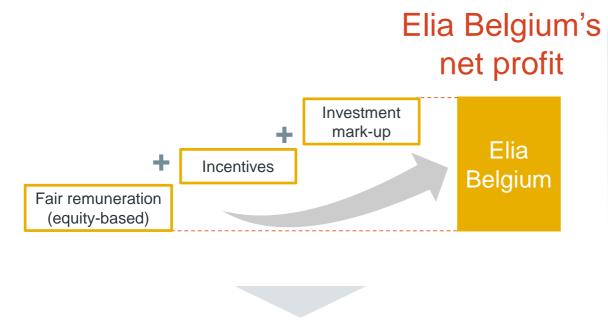








# 2 The Belgian model – current regulatory framework (until 2019)



Average Regulated ROE around 5%-6%



Powering a world in progress

The regulatory framework (2016-19) is a cost plus mechanism:

- The non-controllable costs incurred by the company and approved by the regulator are passed through consumers tariffs (embedded debt principle for financial charges)
- Those costs include the shareholders
   remuneration based on fair return on equity,
   additional remuneration for investments
   contributing to security of supply and integration
   of energy markets (Mark-up), and operational
   incentives
- No volume and credit risk













# 2 The Belgian model – new regulatory framework 2020-2023

# Elia Belgium's net profit

Fair remuneration (equity-based)

Incentives

Elia

Belgium

Average Regulated ROE around 6%

- Belgian regulatory framework remains a costplus model
- Embedded debt principle for financial charges remains
- Investment mark-up substituted by fair remuneration and additional incentives
- Risk free rate determined ex-ante at 2.40%
- Regulatory gearing changed from 33% to 40%













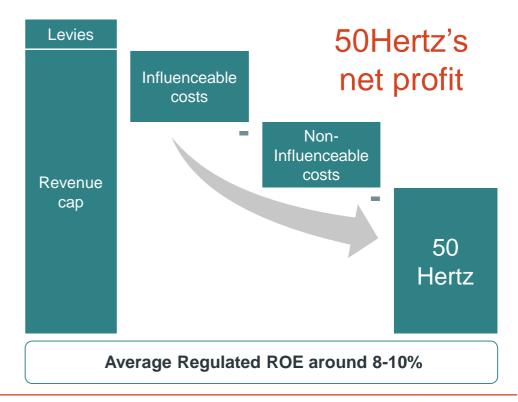
# 2 The German model – new regulatory period 2019-2023



Energie für eine Welt in Bewegung

The German regulation (2019-2023) is based on a **revenue cap**:

- Yearly non-influenceable costs covering energy costs and costs for new investments are pass through to consumers
- 5-year influenceable costs, including a fixed ROE on 40% of the Regulated Asset Base
- Cost-plus for offshore costs









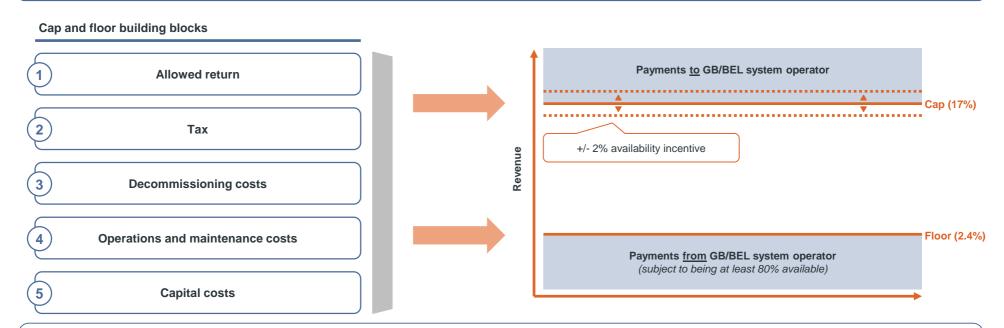






# NemoLink: Third regulated investment of Elia Group





- · NemoLink in operation since 30 Jan. 2019 Contributing to Elia Group's results
- · Revenues are determined based on market price difference and interconnector capacity use









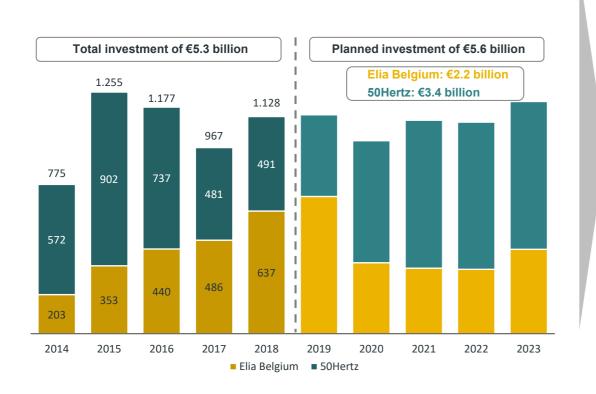




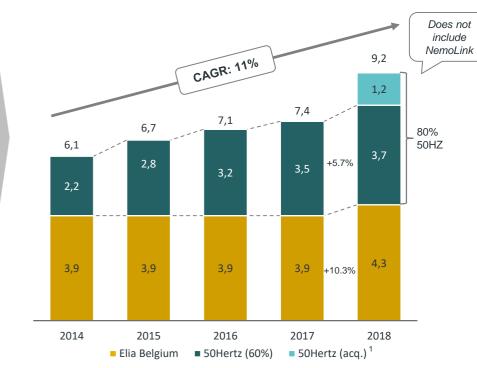
# 3

# Organic growth driving the Regulatory Asset Base (RAB)

#### Substantial capex historically and going forward



#### **Strong organic RAB growth**







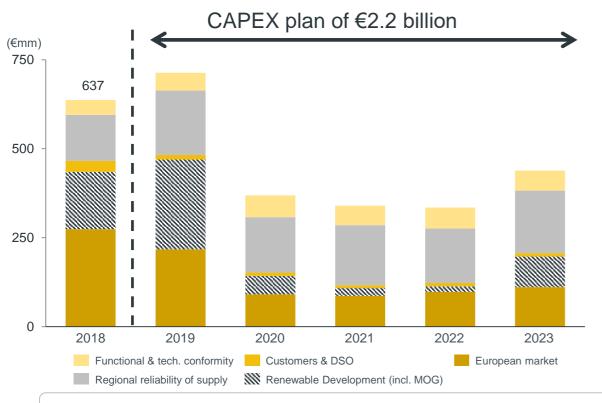








# 3 Elia Belgium's investment programme for the next 5 years



- ✓ Significant growth capex still ahead
- ✓ European interconnection to remain the key driver
- ✓ Renewables interconnection (particularly offshore wind)

Investment plan driven by the need for interconnection and integration of renewables









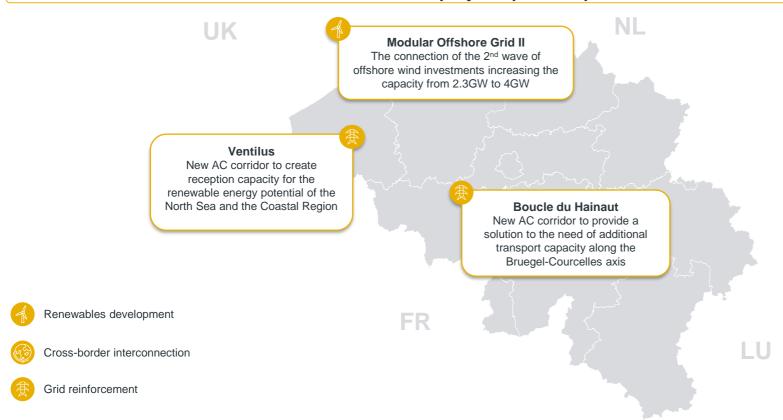






# Elia Belgium's investment program will be pursued beyond 2022

#### Selected projects planned post-2022







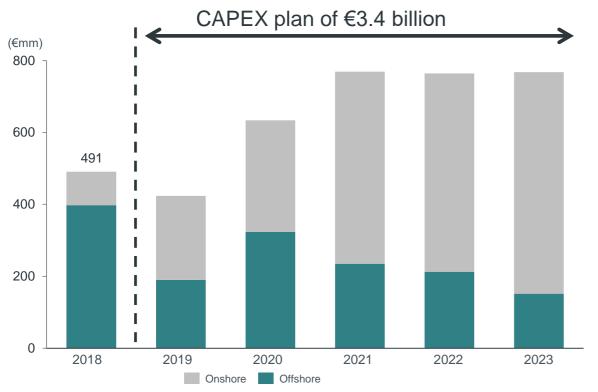








# 3 50Hertz's German grid expansion plan 2019-2023



- ✓ Continued renewables expansion driving offshore investments at first
- ✓ Country corridor towards south Germany
- ✓ Increasing focus on European interconnection and consequently onshore investments

Increasing investment program driven by both offshore and onshore















## 50Hertz's German expansion beyond 2022

### Selected projects planned post-2022

# Transition towards Renewable Energy Sources ('RES')

Germany's political target for 2030 is to have a total power consumption of 65% coming from renewable energy sources and 80% by the year 2050

### Hansa Powerbridge I

New HVDC interconnector between Sweden and Germany aiming to enhance the integration of the Nordic and continental power market

PL



Renewables development



Cross-border interconnection



Grid reinforcement

**HVDC Wolmirstedt to Isar (Sued Ost Link)** 

2GW HVDC line from the area of Wolmirstedt, with high installed capacities of RES, to the area of Isar, with high consumption and connections to storage capabilities



Reinforcement of the existing 380 kV overhead line with a new 380 kV line with high-current cable















# Elia Group at the forefront of the energy transition

# A paradigm shift towards "demand follows generation" Current epicenter of energy **Generation follows consumption**





With European partne

Variability managed by adapting conventional generation's energy consumption within a bidding zone

#### **Demand will follow generation**

Variability more and more managed by a combination of geography (intra-bidding zones), time-shift, and energy consumption

#### Elia Group's vision: Enable a consumer-centric system



Routing the consumer injection & offtake energy data to pre-approved market parties & system operators

**D** Upgraded energy market

Operating closer to real time, to optimally integrate renewable production and demand flexibility

New digital tools

Based on novel digital technologies such as Artificial Intelligence and Blockchain

Elia Group's action: series of initiatives to build the energy system of the future

Testing and building the Internet of Energy

















Demonstrating use cases for application of Artificial Intelligence







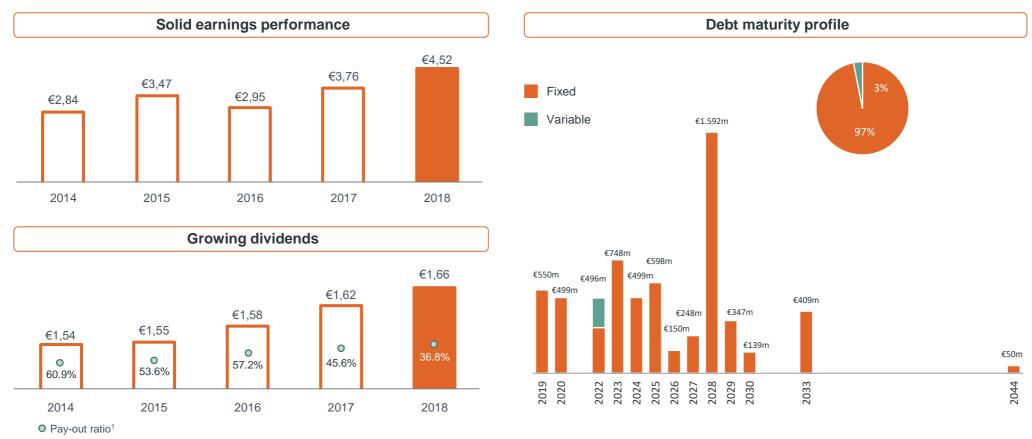








# 5 Solid financial position and predictable return to shareholders





Elia Group is contemplating a reorganisation to simplify the structure of the Group



- Elia Group contemplates an internal reorganisation project, which is expected to be finalized by the end of 2020 and that is aimed at isolating and ring-fencing its Belgian regulated activities
- On 28 June 2018, the Belgian regulator approved the new tariff methodology that will be applicable for the period 2020-2023. In which they defined a change to regulated tariffs of loans contracted to finance non-regulated activities of Elia (being the activities other than those that are regulated in Belgium). According to this provision, the financing of non-regulated activities is valued on terms equivalent to a financing that would be fully ensured by equity. Nemo Link is the only exception as it is treated separately by the Belgian regulator.
- This reorganisation addresses the new requirements of the Belgian regulator to avoid the risk of cross-subsidy between Belgian regulated activities and other activities and prevent the potential adverse financial impact of the new tariff methodology on its investments in non-regulated activities as from 2020.
- This constitutes the right measure to enable the development of Elia Group's activities in the future (including those that are not regulated in Belgium). Furthermore, this will enable Elia Group to simplify the structure of the Group, aligned with the new Group financials reporting
- Elia is currently consulting with relevant parties in order to assess their position on certain key parameters of the internal reorganization project and determine the feasibility of certain aspects of the project and the exact timing required for its launch and completion. It is currently foreseen that this internal reorganization project will be implemented by the end of the financial year 2020 at the latest





### 2018 Elia Group results

**Key figures** 

### Revenues

€ 1,931.8 million

+122.8% yoy

#### Normalised Net Profit

€ 280.8 million

+38.0% yoy

### Net Profit Elia share

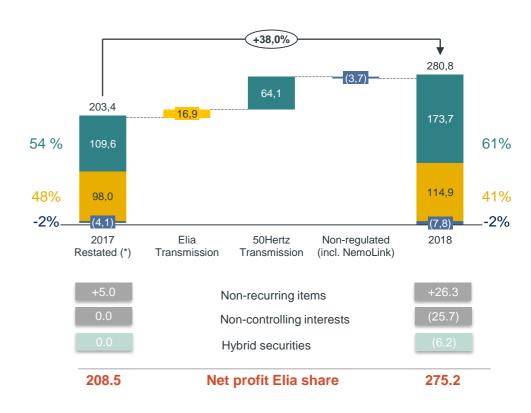
€ 275.2 million

+32.0% yoy

RoE (adj.)\*\* 10.0%

+234bps

#### Normalised net profit (€m)



<sup>(\*)</sup> The Group applies IFRS 15 under the full retrospective method under which comparative figures for financial year 2017 have been restated.



<sup>(\*\*)</sup> RoE adjusted refers the ratio between the net profit attributable to owners of ordinary shares (Net profit Elia share) and the equity attributable to owners of ordinary shares

# 2018 Elia Group: net debt evolution

**Key figures** 

Net debt evolution (€m)

Net debt € 4,605.6 million

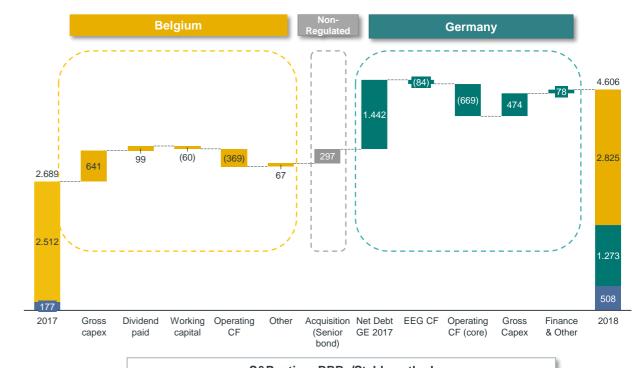
Leverage 1.71

Debt / Equity (incl. NCI & hybrid)

Fixed debt ratio 94.4%

Calculated on gross debt

Avg. Cost of Debt
2.30%
(62bps)



S&P rating: BBB+/Stable outlook

Hybrid bond accounted as Equity (50% equity component S&P)



## Elia Transmission: Realisation strategic investments driving results

# Revenues

**Key figures** 

€ 959.4 million +12.7% yoy

#### Normalised Net Profit

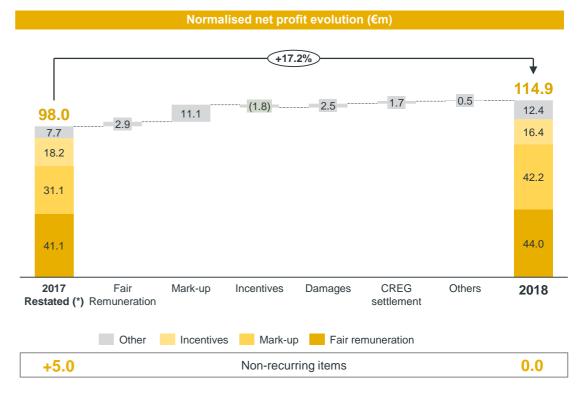
€ 114.9 million +17.2% yoy

### Reported Net Profit

€ 114.9 million +11.5% yoy

#### Normalised RoE

6.5% +73bps



Strong increase in net profit driven by the realisation of strategic investments



### 50Hertz Transmission: Strong operational performance driving result

Revenues € 1,364.9 million

**Key figures** 

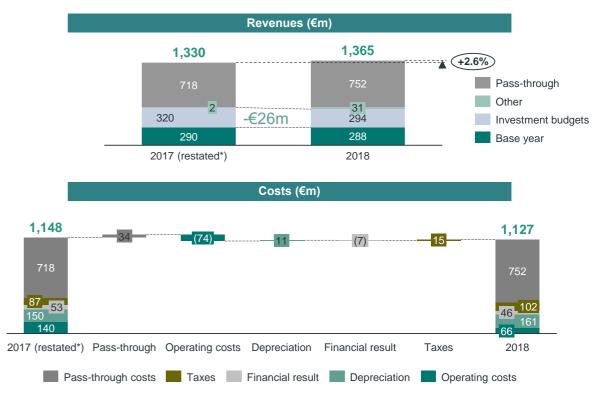
Normalised Net Profit

€ 216.3 million

+18.5% yoy

Reported Net Profit
€ 237.9 million
+30.2% yoy

Normalized RoE 14.5% +100bps



Strong increase net profit driven by release of legal claim provision and lower operational cost



### Non-regulated (incl. NemoLink)

Key figures

#### Revenues

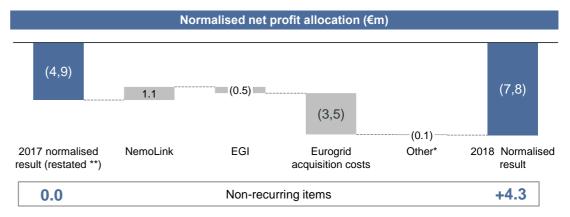
€ 13.9 million
(29.9%) yoy

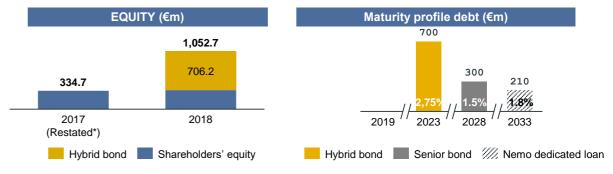
#### Normalised Net Loss

€ 7.8 million +59,7% yoy

### Reported Net Loss

€ 3.5 million (28.2%) yoy





Net loss driven by non-regulated financing costs and limited contribution NemoLink (in operation end Jan. 2019)

Hybrid securities accounted in Equity



<sup>(\*)</sup> The non-regulated segment (incl. NemoLink), consists out of the non-regulated activities within Elia, financing additional 20% stake in Eurogrid International CVBA, EGI, NemoLink and Atlantic Grid (\*\*) The Group applies IFRS 15 under the full retrospective method under which comparative figures for financial year 2017 have been restated.

### FY 2019 outlook



### Elia Belgium

- Stable regulation
- Investments700M€
- Return on Equity5% 6%

ROE (adj)<sup>1</sup> **7%-8%** 

based on anticipated capital increase in 2019 and commissioning NemoLink

RAB 2019 **8.9B€** 

### 50Hertz

- First year new regulatory period
- Investments420M€
- Return on Equity8%-10%





### Key dates of Elia Group's rights issue

05 June

Announcement of transaction terms

Separation of coupon nr. 16, after closing of Euronext BXL

06 June

Publication of prospectus

Start of the subscription period (from 09:00 CET)

13 June

• End of subscription period (until 3 p.m. CET)

14 June

Scrips private placement

18 June

Settlement



### Key terms of the transaction

· · · · · · · · · · · · · · · · · · ·	
Offer size	• [€430-435mm]
Transaction structure	Rights issue with prefe during the subscription

Key shareholders' commitment

Distribution

Lock-up

Use of proceeds

Dividend

Applicable law

Costs and taxation

Syndicate

Subscription price & ratio

- Rights issue with preferential subscription rights, that are freely and separately tradable on the regulated market of Euronext Brussels during the subscription period
  - Preferential subscription rights that are not exercised during the subscription period will be offered for sale in a private placement to institutional investors
- Committed to subscribe for their full pro-rata share of the capital increase (Publi-T & Publipart)
- · Belgium and Germany: Public offer to retail and institutional investors
- International offering / for US Institutional Investors, only existing shareholders can participate (rule 4(a)2)
- 90 days (Publi-T)
- €110 million will be used to replace with equity the portion of the Nemolink project initially funded internally
- Finance the regulated activities in Belgium (and increased the equity portion thereof) in accordance with the new regulatory framework
- Remaining proceeds allocated for general corporate purposes
- New shares are entitled to dividends (if there is profit to be appropriated) for the entire fiscal year that started on January 1, 2019
- · Preferential subscription rights and new shares are subject to Belgian law
- See press release dated June 5, 2019 (available on <a href="www.eliagroup.eu/offering">www.eliagroup.eu/offering</a>), holders of dematerialised preferential rights can subscribe for new shares free of charge at the counters of the Joint Bookrunners; subject to exemptions and/or reduced rates, a Belgian withholding tax of 30 per cent. is in principle levied on dividends paid on the shares
- Joint Global Coordinators: JP Morgan & KBC Securities
- · Joint Bookrunners: JP Morgan, KBC Securities, Belfius and ING
- Subscription price: 57,00€ 1 new share per 8 preferential rights





### Investment case

