



# **Capital Markets** & ESG Day

21 March 2024

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Strategic Vision

Ignacio S. Galán

**Executive Chairman** 



# **Energy outlook**



# **Energy Outlook**



# **Electrification is unstoppable...**

**Self-sufficiency** ...increasing energy security

**Efficiency** 

**Competitiveness** 

**Decarbonisation** 

...the only viable route





**Transport** 



Elec: Road Gr H2:Marine, Air



**Digitalization** Heating &

& Data



Cooling

**Customer value &** experience

**New Industries** 

More **Affordability** 

...driving new sources of demand



# Networks: the enabler of the energy transition



### Networks investments need to double by 2030

#### SMARTER AND MORE RESILIENT NETWORKS...

More security of supply

Reliable • Flexible Digitalized

Renewable penetration

- Integration of new onshore renewables
- Connection of new offshore wind projects
- Self-consumption
- Reduction of congestion costs

#### ...WITH ADDITIONAL INVESTMENTS AS NEW USES TAKE PLACE



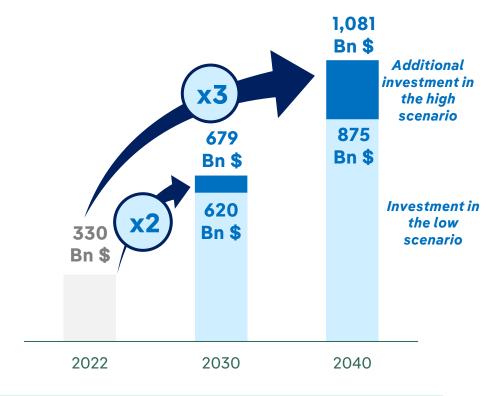


Heat pumps



**Data Centres** 

#### Annual networks investments<sup>1</sup>



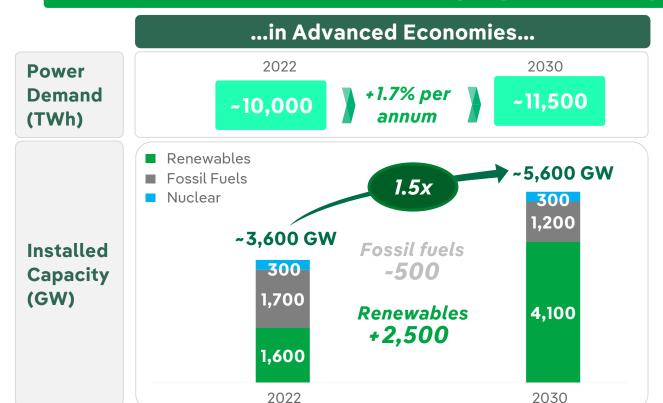
1 Eur of Networks for 1 Eur invested in renewables (1.25 Eur in advanced economies)



# Transformation of the Electricity Mix

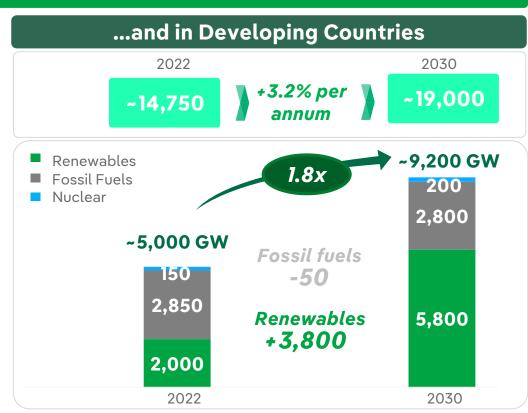


### Acceleration of renewable deployment to replace fossil fuels and cover new demand...





- Replacement of coal/ageing gas with renewables and new gas (mainly in the US)
- Start of replacement of first renewable projects (repowering opportunity)



- Gradual substitution of coal/oil with new gas (average age of existing coal 10-15 years)
- Significant expansion of renewables

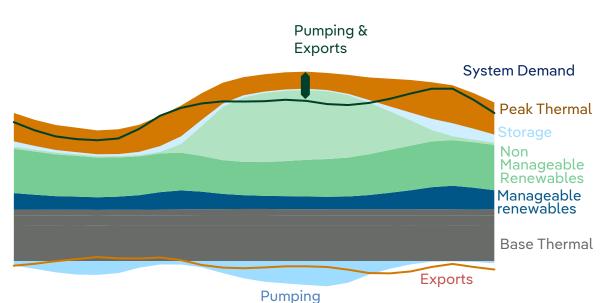


#### Wholesale markets



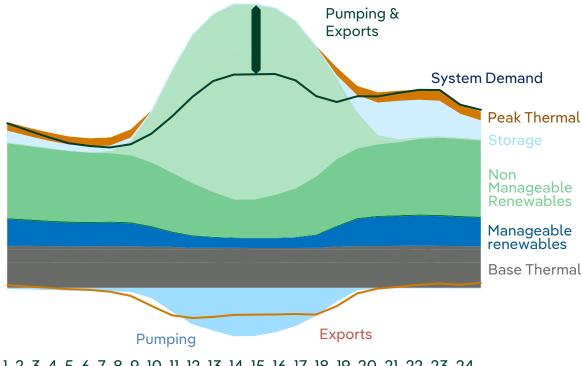
...driving a deep change in wholesale markets: Non-manageable renewables will require other technologies to balance supply and demand at all times...

#### Spain 2023 - Average generation mix



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

#### Spain 2030 - Average generation mix



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24



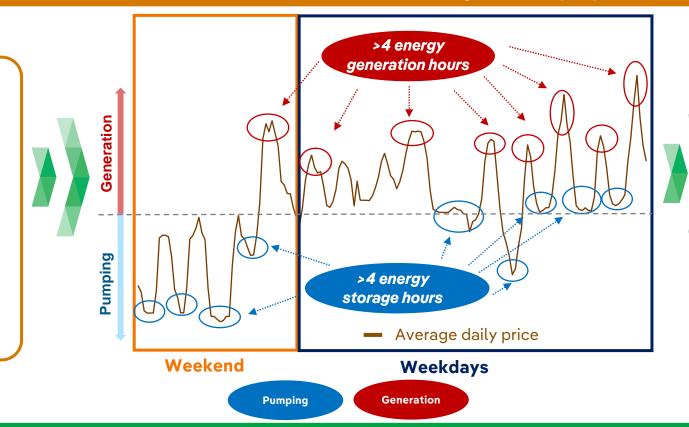
# Wholesale markets: Value of manageable renewables and storage



### ...increasing the value of storage in daily, weekly and seasonal cycles...

#### Storage Weekly Cycle<sup>1</sup>

- Energy mix leading to more intraday price volatility
- The number of prolonged periods (>4 hours) of lower prices is increasing



#### **Pumped Storage**

- Ability to store energy for more than 18 consecutive hours
- Capacity to modulate daily, weekly and seasonal cycles
- Provide ancillary services

#### **Battery Storage**

- Short-term arbitrage: 2 to 4h
- Provide ancillary services

...and maximizing competitive advantages of manageable renewables and pump storage



# Wholesale markets: Value of manageable renewables and storage



### This will drive additional usage of existing storage and the need of new assets

**Pumped Storage usage in Spain:** 

Example for illustrative purposes - Operational profile of La Muela power plant

2019 2023 2030 **Production Production Production** 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 **Storage Storage Storage** 2019

**Production** 



x3-4by 2030



# Wholesale markets: Impact on prices



# In this scenario, hourly prices will become more volatile increasing arbitrage opportunities...

**Price setting 2023** 

#### **Price setting 2019**

95% hours

Based on

Gas + CO<sub>2</sub>

(mainly fixed by gas)

45% hours Gas + CO<sub>2</sub> (mainly fixed by gas)

> 40% hours linked to Gas+CO<sub>2</sub> (Manageable renewables)

15% hours **Low prices** (non manageable renewables)

87 Eur/MWh

#### **Price setting 2026**

40% hours Gas + CO<sub>2</sub> (mainly gas + manageable renewables)

40% hours linked to Gas+CO<sub>2</sub> (manageable renewables)

20% hours Low prices (non manageable renewables)

~60 Eur/MWh

5% hours linked to Gas+CO<sub>2</sub> (manageable renewables)

Average price

48 Eur/MWh

...converging in average prices around 60 Eur/MWh...



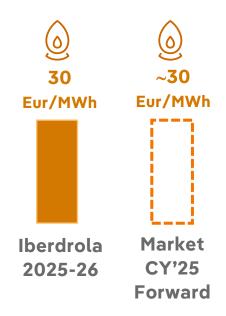
## Wholesale markets: Impact on prices

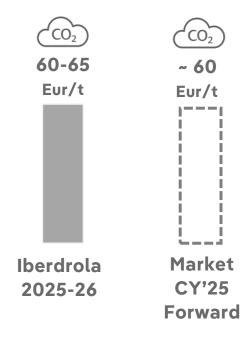


# ...fully coherent with current gas and CO<sub>2</sub> price expectations

**Gas Price Assumptions** 

**CO<sub>2</sub> Price Assumptions** 









# Iberdrola **Strategic Pillars** and Investments 2024-2026



# Iberdrola Strategic pillars





**Growth** based on **Networks** 



Renewables: Selective investment in manageable technologies and storage...



Focus in high-rating countries



Full **commitment** to financial strength & dividend



**Sustainability:** Creating value for all







### Investments of Eur 41 Bn, with Eur ~5 Bn contributed by partners...



**NET INVESTMENTS 2024-2026E by business<sup>2</sup>** 



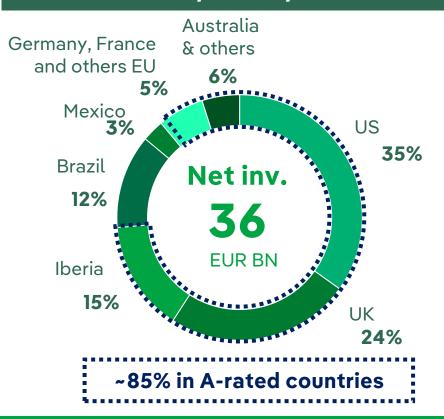
#### ...with 60% of investments in Networks



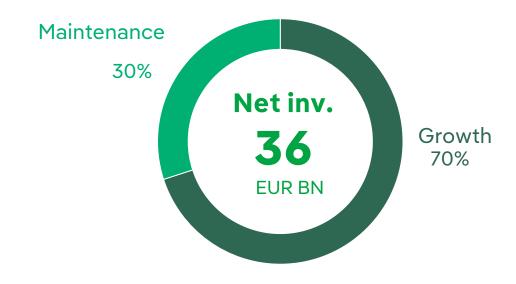


### ~70% investments allocated to growth...

#### **INVESTMENTS**<sup>1</sup> by Country



#### **INVESTMENTS<sup>1</sup> 2024-2026E by nature**



#### ...with 85% allocated to A-rated countries



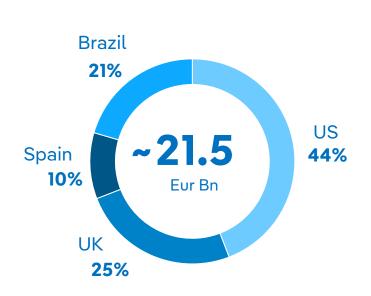


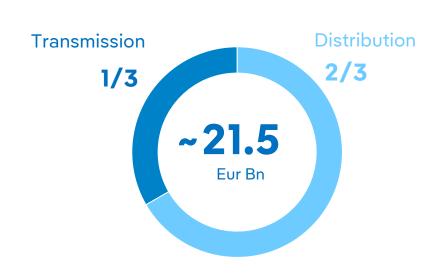
## Investing Eur 21.5 Bn to increase asset base by 38% and improve geographical diversification

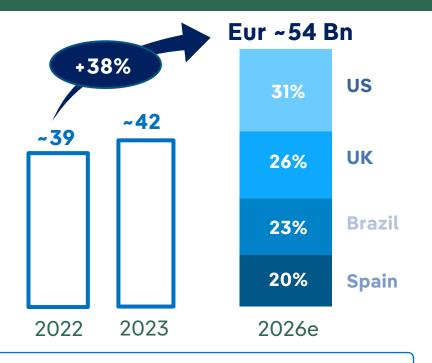
2024-2026E Network investments by geography

2024-2026E investments by business

Regulated assets by geography







Almost 80% of investments driven by rate cases closed or under advanced negotiation with key conditions known

Eur ~6.5 Bn invested in Transmission increasing asset base to Eur 15 Bn



# Networks: Growth Drivers & Competitive Advantages



### ...reinforcing our competitive advantages...



Focus on high-rated countries



Long-term visibility



Protection vs macro instability (inflation and interest rates)





Attractive Frameworks

- Frameworks closed for 85% of 2025 RAB...
- ...with additional progress for 2026 and beyond (34% of RAB closed + RIIO-T3 started)



Rate cases closed until 2027/28 for 20% of Group RAB



- Distribution closed to 2028 (14% of Group RAB)...
- ...with RIIO-T3 process started in Transmission
- 90% strategic equipment are covered until 2026
- 50% of EBITDA fully protected and + 30% with significant protection
- Average regulatory remuneration coherent with a spread of 350-450 over bond
  - >7% in Europe&US, 16% in Brazil

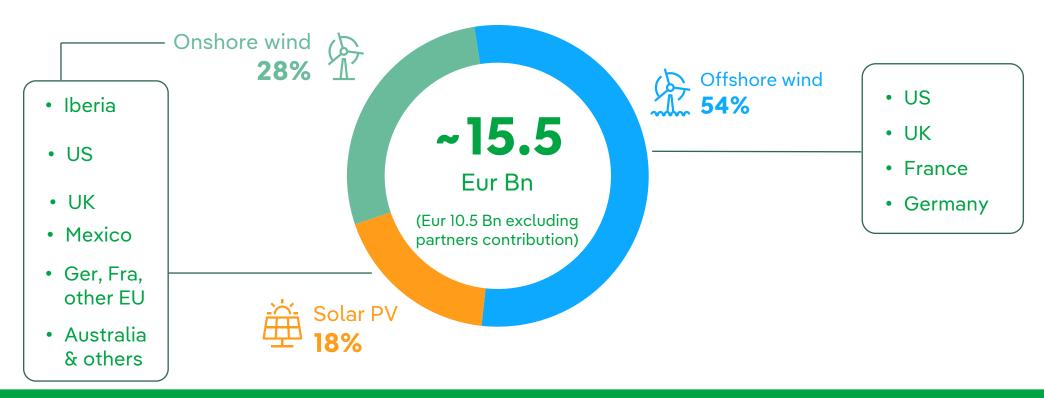
### ...and increasing the weight of Networks in our business mix





## Investments of Eur 15.5 Bn (or 10.5 Bn excluding partners contribution) ...

2024-2026E Renewable investments by technology (Eur BN)



...with more than 50% allocated to offshore wind



# Renewables: Growth Drivers & Competitive Advantages



### Maintaining selective investments in renewables...



# First mover's status give us key advantages for the current and future scenario:



#### Supply chain management

• 76% of 2026 critical supplies and prices secured



#### Strategic partnerships and alliances

• Norges Investment Bank, Masdar, Mapfre, ...



#### **Geographical diversification**

• New capacity: 20% UK, 19% US, 18% Iberia, 17% Other EU, 13% Latam & 13% Australia



#### **Technology mix fit for new market dynamics**

>50% of investment in offshore wind & storage



#### Diversified portfolio of routes to market

Focus on most attractive instruments in each geography





- covering energy sales with own production
- with a wide portfolio of Routes to Market





New England Wind projects (~2,000 MW) to participate in multistate auction

EA Hub (1,600 MW) to take part in AR6 auction

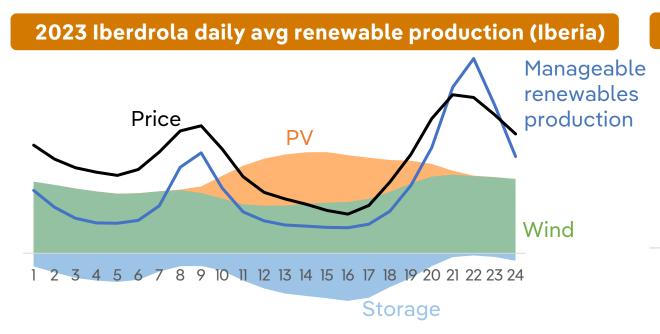
# ...with all 2024-2026 capacity additions already under construction or ready to build



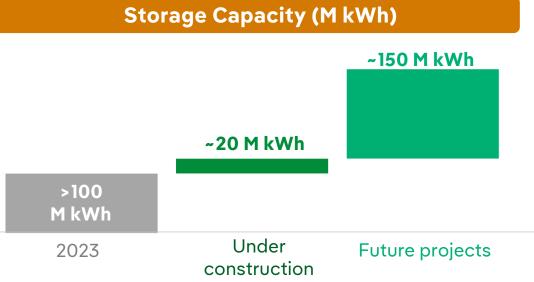
# Manageable Renewables & Storage: **Growth Drivers & Competitive Advantages**



### Investing Eur 1.5 Bn in storage to provide additional growth and stable margins...



- 11 GW of manageable capacity with 4,5 GW of storage
- Achieved price = ~130% average price



- Operation: Long duration cycles and seasonal storage
- Revenues: Market arbitrage, ancillary services
- Reducing Economic Curtailments
- Additional growth with **grid scale batteries**

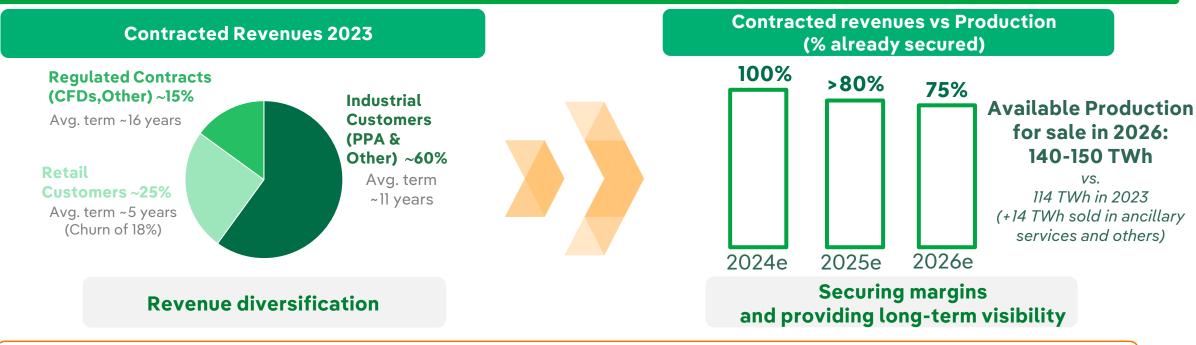
...capturing more value from renewables in a scenario of higher price volatility



# **Customers & Traditional Generation:** Investments 2024-2026 and Competitive Advantages



### Investing Eur 2.5 Bn: 2 Bn in Customers and 0.5 Bn in Traditional Generation maintenance...







**Retail margins normalization** towards average levels of last years after an exceptional high situation in 2023 and exceptional low situation in 2022

Maximizing opportunities through our high-quality customer portfolio











**Data Centres** 

...increasing energy balance with very limited exposure to wholesale market prices





#### A ROBUST GREEN FINANCING MODEL FOCUSED ON CASH GENERATION...

Cash recovery as a key investment criteria

Fixed-rate financing as preference

Long-term profile of maturities with active liquidity management

Diversification of financing sources maximizing use of green financing

Partnerships and asset rotation providing optionality for further growth

No capital increases

...maintaining dividend policy





Outlook 2026



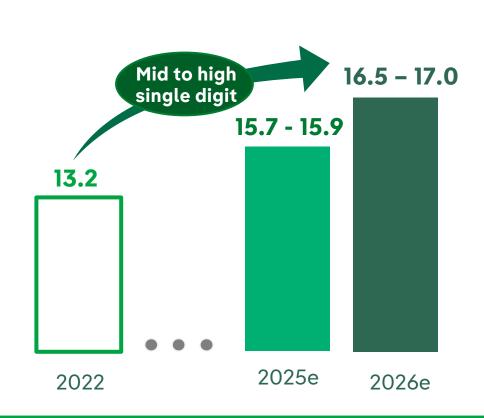
#### **EBITDA**

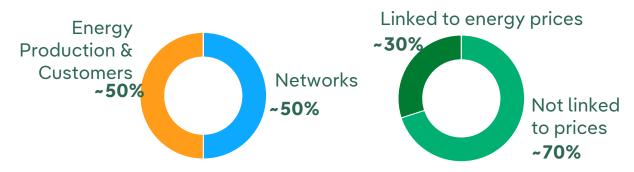


EBITDA between Eur 16.5-17 Bn by 2026, with "mid to high single digit" CAGR 2022-2026 driven by investments and efficiencies

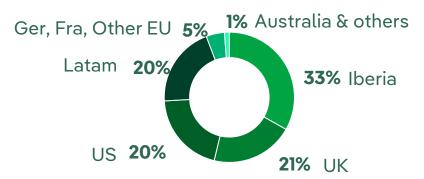
**EBITDA expected growth** (Eur Bn)

#### 2026E by business





#### 2026E by geography



~70% of EBITDA not linked to power market prices



### **EBITDA** by Business



### 2026 EBITDA equally split between Networks and Energy Production & Customers...

#### **Networks EBITDA** (Eur Bn)



Networks 2026 EBITDA reaching Eur ~8-8.5 Bn

- ✓ Annual increase in line with RAB
- ✓ Transmission as growth driver: EBITDA of Eur ~1.3-1.5 Bn in 2026 (+650 M vs 2022)

#### Energy Production & Customers EBITDA (Eur Bn)



#### Energy Production & customers 2026 EBITDA of Eur ~8-8.5 Bn

- ✓ New renewables to close generation/supply gap
- ✓ Offshore wind as growth driver: EBITDA reaching EUR 1.8 Bn (+1 Bn vs 2022/23)
- ✓ Additional Storage
- ✓ Normalization of Retail margins after exceptional situation of last 2 years (low in 2022 and high in 2023)

### ... with Transmission and Offshore wind as new growth drivers





### Progressing on our plan ahead of schedule (CMD Nov 2022): **Net Profit of Eur 5.3-5.4 Bn in 2025...**

PNM transaction cancellation

Impact of Mexico transaction

**Higher interest rates** 

**Lower prices** 

**Networks: Higher investment,** better rate cases, growth in Transmission

Renewables: growth mainly in Offshore wind

**Optimization of Routes to Market** 

Lower debt expenses

**Lower Depreciation & Amortization** (PNM & Mexico)

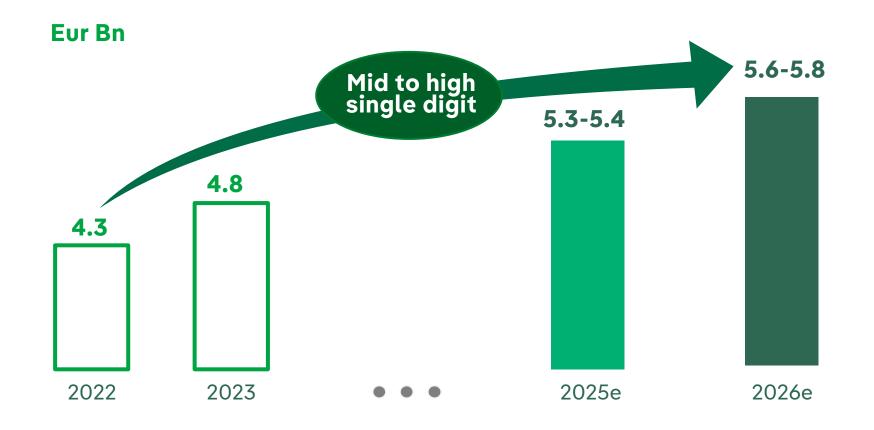
...with an expected shareholder remuneration of 0.55-0.58 Eur/share

...VS....





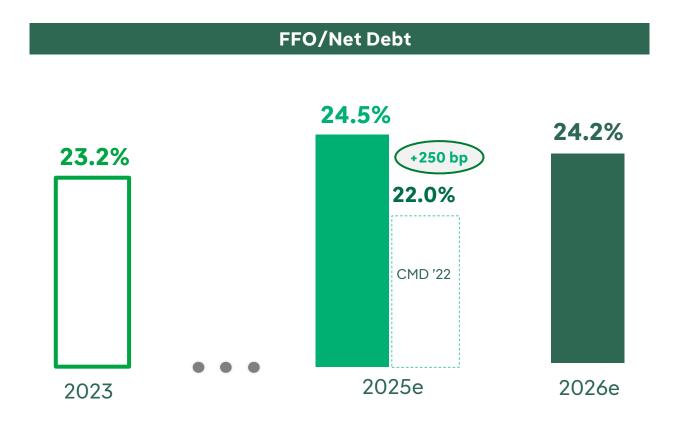
### Net Profit reaches Eur 5.6-5.8 Bn in 2026 ("mid to high single digit" CAGR 2022-2026)...







### Increasing financial solidity and ratios...



...exceeding previous targets driven by Cashflow and Asset Rotation





### Shareholder remuneration growing in line with results...

PAY-OUT BETWEEN 65% AND 75% OF EPS (earning estimates lead to a DPS in the range of approx. 0.61 - 0.66 in 2026)

> 2024-26: DPS floor at Eur 0.55 /share (equivalent to 2023 DPS)

Maintaining the flexibility for shareholders with the "Iberdrola Retribución Flexible" program, including share buy-back

...for an estimated amount of Eur 11 Bn in 2024-2026 vs. Eur ~9.5 Bn 2021-2023





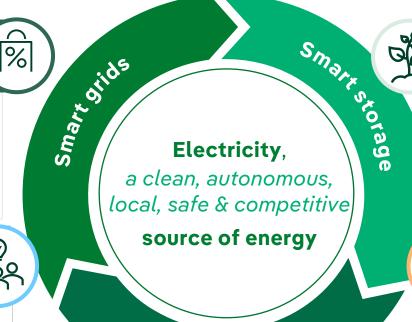
### ~90% CAPEX aligned with EU taxonomy, and mostly financed by sustainable/green instruments

# Working to ensure a sustainable **value chain**

- 10,000 new hires
- Increasing the 500,000¹ jobs already sustained in our supply chain
- >85% sustainable purchases
- Eur 385 M invested in R&D per annum

#### 

- Women at senior position already at 34.5% (2025 target: 35%)
- Training hours 3x European average



Protecting <u>nature</u> and fostering an efficient <u>use of resources</u>

- Carbon Neutral by 2030 in Scope 1 and in all 3 Scopes by 2040
- Net positive in nature
- 100% blade and panel recycling in 2030

Keeping our culture of ethics, transparency & good governance

- 79% Independent Directors
- 43% of gender diversity
- Certified Compliance System

"Green" rating obtained in the "Transition Assessment Outcome" by Sustainable Fitch

Penewable source









### Reaffirming our vision and maintaining growth...

#### 2030 Outlook

Boosting electrification:

More investments in Networks (T&D)



► RAB reaching Eur 65-70 Bn by 2030 in Transmission and Distribution

**Faster Growth in Renewables** 

due to fossil fuels and nuclear replacement

New opportunities for Manageable Renewables

Optionality to capture demand from new uses



- ► New capacity contributing from 2027:
  - 3,000 new offshore MW
  - c. 6,000 new onshore MW
- > 100,000 MW of renewable pipeline
- Higher value of Storage:120 M kWh operating+ pipeline of 150 M kWh
- Access to additional investments with Tier 1 partners

**Iberdrola** 

...preserving our commitment with financial strength and dividend

