SDG7 Energy Compact of IBERDROLA

A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

SECTION 1: AMBITION

1.1. Ambitions to achieve SDG7 by 2030. [Please select all that apply]

(Member States targets could be based on their NDCs, energy policies, national five year plans etc. targets for companies/organizations could be based on their corporate strategy)

7.1. By 2030, ensure universal access to affordable, reliable and modern energy services.	Target(s):

7.a. By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.	
7.b. By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support.	Target(s): Time frame: Context for the ambition(s):

SECTION 2: ACTIONS TO ACHIEVE THE AMBITION

2.1. Please add at least one key action for each of the elaborated ambition(s) from section 1. [Please add rows as needed].

To provide access to electricity to 16 million persons without it in emerging countries by 2030 Increasing access to electricity beneficiaries to 16 million people in emerging countries	2014-2030
To increase Renewable Installed Capacity 2x, from 32 GW in 2019 to ~60 GW in 2025 Acceleration in renewable installed capacity. Increasing to ~60 GW in 2025. Interim milestones for growth capacity: 4.1 GW/year in 2020-2022 period and 5.1 GW/year in 2023-2025 period. Technologies included: Hydraulic, Solar, Wind, Offshore	2020-2025
To invest EUR 27 Bn in 2020-25 period in power Networks Acceleration in Gross investments. EUR 27 Bn investments in Networks in the 2020-25 period, increasing along time with decarbonization needs. Expected investment 12.5 EUR Bn in the 2020-2022 period and 14.6 EUR Bn in the 2023-2025 period.	2020-2025

SECTION 3: OUTCOMES

3.1. Please add at least one measurable and time-based outcome for each of the actions from section 2 [Please add rows as needed].

Outcome	Date
To provide access to electricity to 16 million persons without it in emerging countries by 2030 - Nº Beneficiaries from "Electricity for All Program"	2030
To increase Renewable Installed Capacity 2x, from 32 GW in 2019 to ~60 GW in 2025 - D¦] v À • š] v E š Á } Œ l •	2025
To invest EUR 27 Bn in 2021-25 period in power Networks - GW renewable installed capacity	2025
To reduce Iberdrola's emissions intensity to 50 gCO2/kWh globally by 2030 - gCO2/kWh	2030
To reduce Iberdrola's absolute scope 1, 2 and 3 GHG emissions 43 % by 2030 from a 2017 base year - t CO2 eq	2030
To install 600 MW of operational green hydrogen by 2025 - MW of green hydrogen installed	2025
To install 150,000 recharging stations for electric vehicles by 2025 - nº recharging stations for electric vehicles	2025
To electrify its entire vehicle fleet in Spain and the United Kingdom by 2030. - % of electric vehicles in the Spain and UK fleet	2030
Open innovation: Just Transition Platforms in the regions where we have closed our coal facilities - Nº of new sociœconomic initiatives linked to the SDGs identified in the portfolio	2025

SECTION 4: REQUIRED RESOURCES AND SUPPORT

4.1. Please specify required finance and investments for each of the actions in section 2.

To provide access to electricity to 16 million persons without it in emerging countries by 2030 - N/A
To increase Renewable Installed Capacity 2x, from 32 GW in 2019 to ~60 GW in 2025 - 38.000 million euros from the Iberdrola Outlook 2020-2025
To invest EUR 27 Bn in 2020-25 grid (14% of CAPEX) - 27.000 million euros from the Iberdrola Outlook 2020-2025
To reduce Iberdrola's emissions intensity to 50 gCO2/kWh globally by 2030 - N/A

SECTION 5: IMPACT

5.1. Countries planned for implementation including number of people potentially impacted.

To provide access to electricity to 16 million persons without it in emerging countries by 2030 - Global level: Brazil, Mexico and African countries and other developing countries.
To increase Renewable Installed Capacity 2x, from 32 GW in 2019 to ~60 GW in 2025 - Global level: Spain, UK, USA, Mexico, Brazil & IEI (Iberdrola Energy International)
To invest EUR 27 Bn in 2020-25 period in power Networks - Global level: Spain, UK, USA, Brazil & IEI (Iberdrola Energy International)
To reduce Iberdrola's emissions intensity to 50 gCO2/kWh globally by 2030 - Global level: Spain, UK, USA, Mexico, Brazil & IEI (Iberdrola Energy International)
To reduce Iberdrola's absolute scope 1, 2 and 3 GHG emissions 43 % by 2030 from a 2017 base year - Global level: Spain, UK, USA, Mexico, Brazil
To install 600 MW of operational green hydrogen by 2025 - National level: Spain
To install 150,000 recharging stations for electric vehicles by 2025 - Global level: Spain, UK, USA, Mexico, Brazil
To electrify its entire vehicle fleet in Spain and the United Kingdom by 2030. - National level: Spain and UK
Open innovation: Just Transition Platforms in the regions where we have closed our coal facilities - National level: Spain

5.2. Alignment with the 2030 Agenda for Sustainable Development Please describe how each of the actions from section 2 impact advre auce Iberdr127.41 551.75 Tm 0 G [( )] TJ ET Q q-7(m)16(b)-718(h) q 74Gs7(ti)

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Iberdrola, a global leader in renewable energy, focuses on decarbonizing the economy through green electrification that is possible thanks to the stimulus of and investment in renewable technologies.

The electrification of consumption will require 2.5 times current renewable capacity, to around 7,000 GW, by the end of the decade (BNEF 2020), in order to replace existing thermal capacity and meet the demand arising from new uses like transport, buildings and industry, etc.

In November 2020, Iberdrola unveiled the most ambitious investment plan in its history, the Outlook 2020-2025, totaling 75,000 million euros until 2025. 51% of this amount will be allocated to the end of the decade, from which 32,000 MW in 2019 [illegible]

To invest EUR 27 Bn in 2020-25 period in power Networks

The electrification of the economy accords an essential role to an efficient, smart and flexible electricity transmission and distribution infrastructure, capable of integrating more renewable energy and meeting new requirements in terms of connectivity, digitalization and demand management.

For Iberdrola, electrical grids are the backbone of the ecological transition, as SDG goal 7.2 for increasing the share of renewable energy cannot be achieved without the same speed development of electrical transmission and distribution networks.

[illegible] 2020-25, and will receive the largest share of the investment, accounting for 40% of the total, in order to grow that our base

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To install 150,000 recharging stations for electric vehicles by 2025

Decarbonizing the economy is not just a matter for the energy sector. It also requires participation and commitment by all sectors, particularly the transport industry, which will hav a decisive impact on reducing pollution in our cities. Iberdrola has made transport electrification one of the priorities of its strategy to transition toward a decarbonized economy b renewable energy and smart networks, which is why it is stepping up the charging infrastructure plan in Spain, and implement in other markets where it operates, such as the United Kingdom, Portugal and Italy.

The new Sustainable Mobility Plan entails installing around 150,000 electric vehicle charging points, six times the number in the original plan, in homes, companies and public highways in cities as well as the main motorways and highways over the next five years.

The availability of these infrastructures on public roads is essential to meet demand for charging points, to cater for the trend foreseen and to cover Spain's main road and motorway network. Because of this, Iberdrola is installing rapid charging stations and will provide ultra-rapid stations (350 kW) every 200 kilometers, super-rapid (150 kW) every 100 kilometers and rapid (50 kW), every 50 kilometers.

Electric vehicle drivers using Iberdrola charging points can charge their electric vehicles with 100% green energy from clean sources with renewable Guarantee of Origin (GoO) certificates.

SDG 7.3.

To electrify its entire vehicle fleet in Spain and the United Kingdom by 2030.

As stated before, electrification of demand as transport is a key vector for decarbonizing consumptions and optimizing electricity consumption (energy efficiency). Iberdrola is leader in promoting electric vehicles and deploying the charging stations networks in countries where it operates. That position implies also its own commitment to gradually transforming the Spain and United Kingdom fleet, over 3,500 vehicles, until having a complete electric fleet by 2030 and so, to control the reduction of its Scope 1 emission.

SDG 7.3.

Open innovation: Just Transition Platforms in the regions where we have closed our coal facilities

Iberdrola Generación Térmica, I-CTPM and AL-CTPV collaborate with Spanish regional and local institutions in areas affected by Just Transitions (initially Lada and Velilla del Río Carrió where Iberdrola has dismantled its two last coal facilities in Spain and are deeply affected by depopulation dynamics) through action research and open innovation framework to explore how public policies can contribute to territorial development through the provision of new interconnected public services (ed

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To increase Renewable Installed Capacity 2x, from 32 GW in 2019 to ~60 GW in 2025 - Environmental impact linked to emissions reduction from the usage of renewable energy in final demand
To invest EUR 27 Bn in 2021-25 period in power Networks - Environmental impact linked to emission reduction from the usage of renewable energy in final demand
To reduce Iberdrola's emissions intensity to 50 gCO2/kWh globally by 2030 - [illegible]
To reduce Iberdrola's absolute scope 1, 2 and 3 GHG emissions 43 % by 2030 from a 2017 base year - [illegible]
To install 600 MW of operational green hydrogen by 2025 - Environmental impact linked to emissions reduction from the usage of green Hydrogen in industrial hard to abate sectors
[redacted]

SECTION 6: MONITORING AND REPORTING

6.1. Please describe how you intend to track the progress of the proposed outcomes in section 3. Please also describe if you intend to use other existing reporting frameworks to track progress on the proposed outcomes.

To provide access to electricity to 16 million persons without it in emerging countries by 2030

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