



Electricity in Latin America at a Glance

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Grupo **Energía Bogotá**



+ 18 M people without access to electricity in Latin America

2/3 of people without access to electricity live in rural areas

+ USD 13 B of required investment

Demand ↑ 72% during the last 20 years

Clean mobility as a driver of electrification in Latin America

Renewable Energy leading new investments in power generation in Latin America

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Grupo Energía Bogotá -GEB-

Improving lives with sustainable and competitive energy

Through controlled subsidiaries such as **Electro Dunas**, in Ica and its areas of influence of Peru, and minority stakes in other energy distribution companies such as **Codensa in Bogota** and **EMSA** in the eastern region of the country, **GEB** is adapting to the new emerging role of distribution activity.



GEB as a driver of transformation



New technology trends

Latin American utilities, in addition to facing the global challenges of the sector, must deal with regional problems that were aggravated by the pandemic:

- In 2020, Latin America and the Caribbean was one of the regions with the highest percentage of population living in urban areas (81%), compared to other regions such as Europe (72%) or the world average (56%). This implies an additional effort for the deployment and maintenance of the grid*.
- Rising unemployment and falling household incomes resulting from the pandemic have affected distributors' revenue streams, raising fears of unpayment.**
- Strengthening the regulatory framework that enables new solutions (AMI, DER, EV's, etc.).
- Users in regions such as Latin America perceive a high cost/benefit for new solutions, considering the level of income per capita.

45 TW +1,45 TW in 2020 **>31x**
Wind and PV in 2050 Renewable energy

2,16 TWh 0,20 TWh in 2020 **>10x**
PV Distr. in 2050 PV. Distributed

1,31 TWh 0,01 TWh in 2020 **>115x**
BESS in 2050 BESS

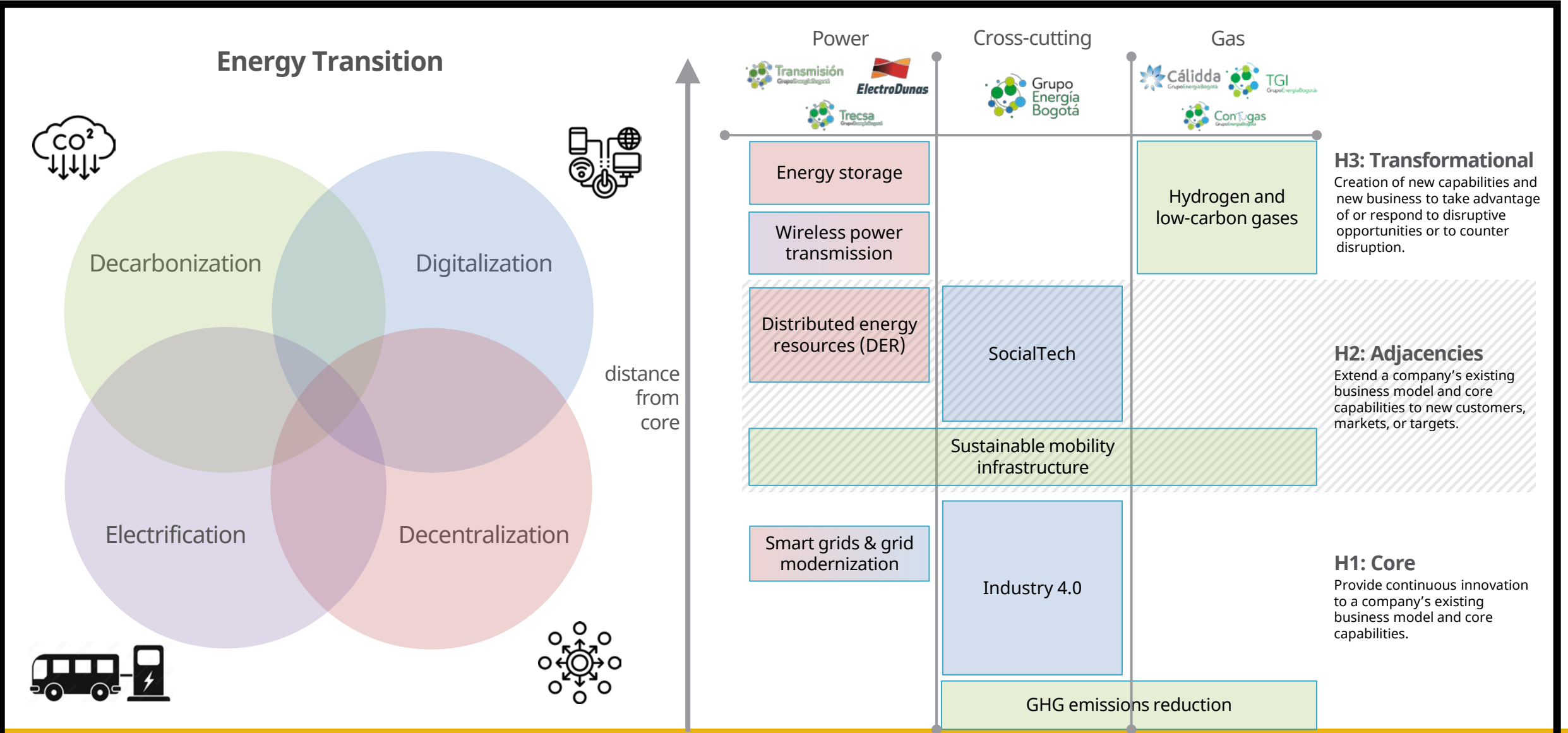
8.524 TWh 130 TWh in 2020 **>65x**
EV in 2050 EV's Demand

Bloomberg New Energy Outlook 2021 y 2020



GEB's innovation focus areas by horizons

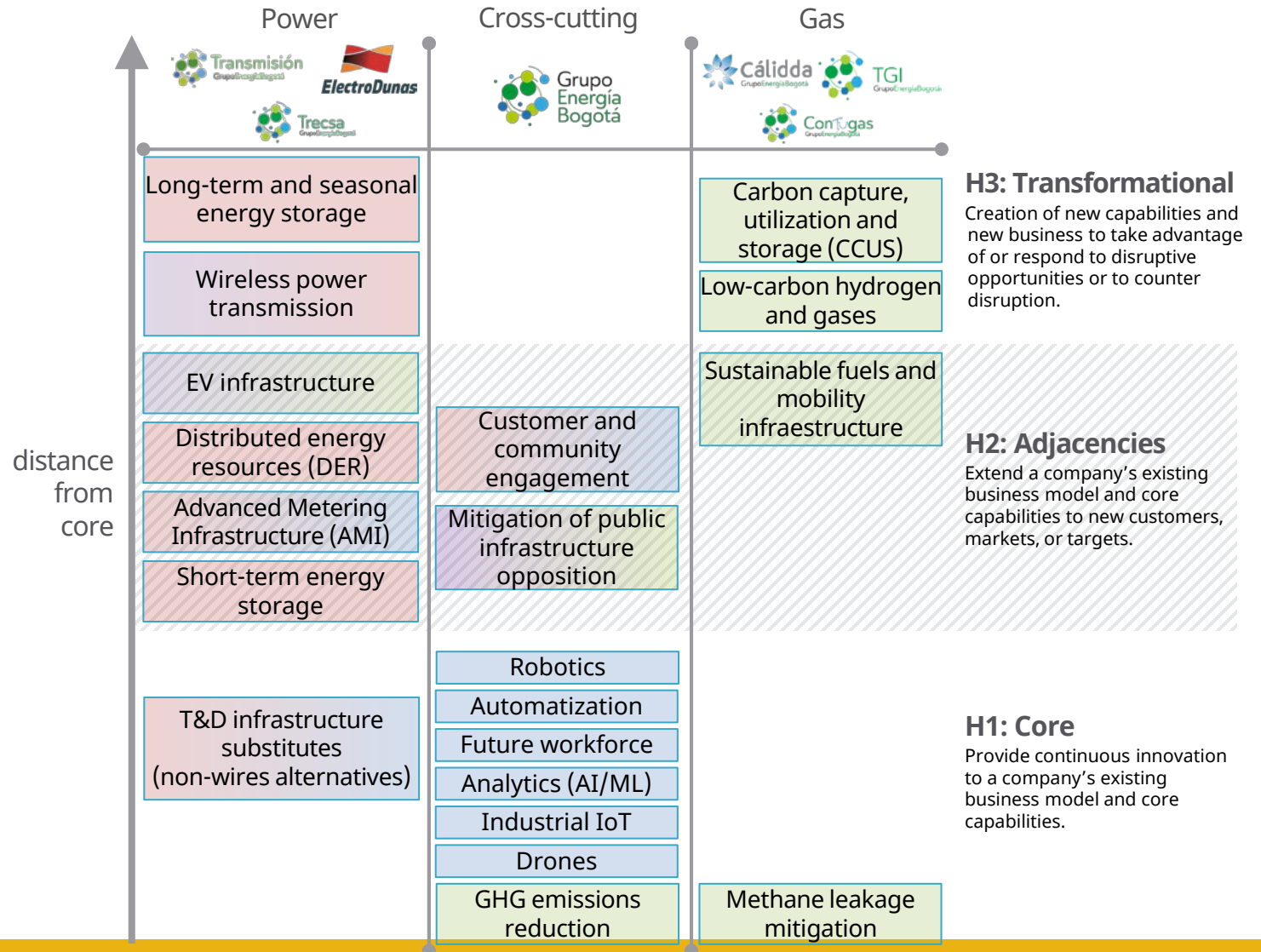
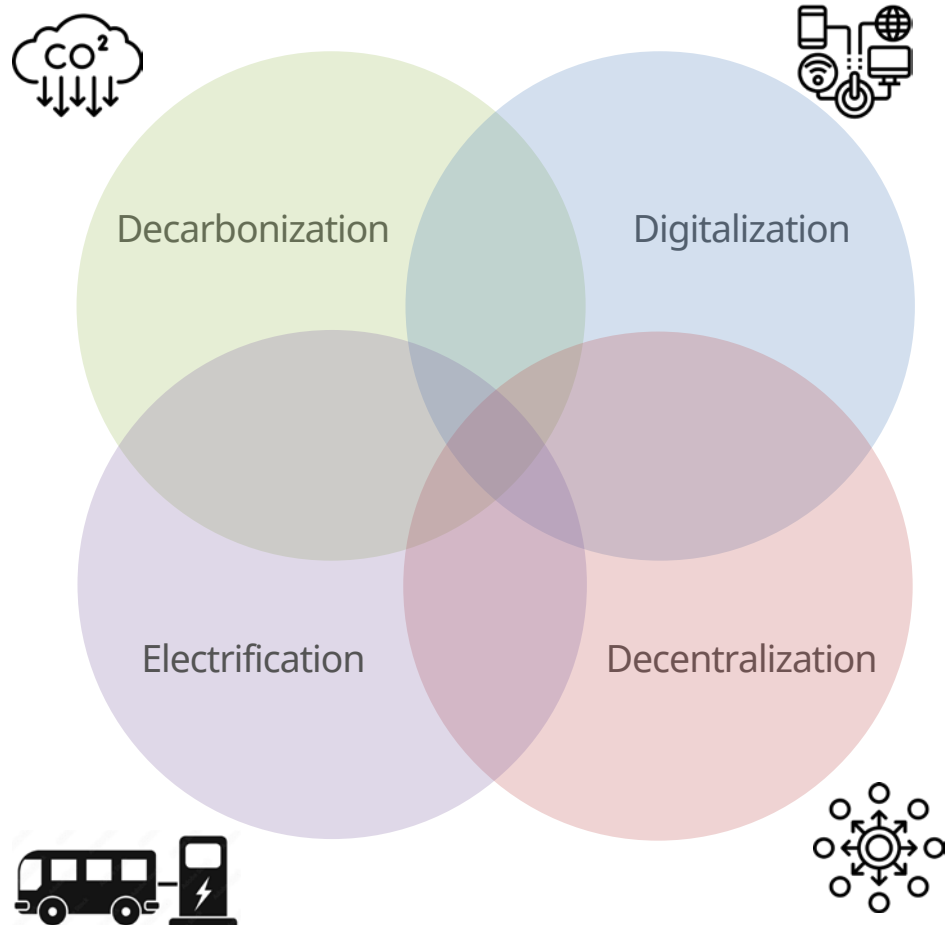
Aligned with global macrotrends, and needs & opportunities of GEB's (controlled) subsidiaries



GEB's innovation focus areas by horizons

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Energy Transition



GEB a key partner for Latin America Energy Transition

