



ENERGY COMPACT PREVIEW

Sustainable Water and Energy Solutions Network

As of June 2021, three members of the Sustainable Water and Energy Solutions Network have made voluntary commitments for this Energy Compact: ASAZGUA (Sugar Agroindustry Association of Guatemala), Canal de Isabel II (Water company of the Community of Madrid, Spain) and Itaipu (the binational hydropower organization of Brazil and Paraguay and the largest hydropower generator in the world). The three organizations have common as well as differentiated commitments.

Commitments by Canal de Isabel II are as follows:

- By 2030, to produce 100% of the electricity necessary to self-supply the Company's activities, and that this electricity be renewable and/or clean.
- To increase the company's energy efficiency by 2025 with the goal of saving 6.8%, that is, 34,830 MWh in relation to base consumption.
- Increase the installed capacity of electricity production, although energy efficiency will be increased, to go from an installed capacity of 107 to 157 megawatts; the excess of the electricity produced will be delivered to the central system.
- Canal has planned investments of more than 80 million Euros for the next 10 years for these commitments.

Commitments by ASAZGUA are as follows:

- By 2030, to produce 100% of the electricity necessary to self-supply the Company's activities, and that this electricity be renewable.
- Continue producing electricity for the operation of the sugar mills and to cover at least 30% of the electricity demanded in the country during the three dry months of the year, all by using 100% of the residue biomass (bagasse) obtained during sugar production, which is renewable energy.
- Increase production of ethanol by 20% to cover local and international demand.
- Increase by 30% the investment in research and development, particularly that oriented to improving the acquisition, use and management of energy.



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Commitments by ITAIPU are as follows:

- Investment of about \$200 million for the improvement of the electrical transmission and distribution systems in Paraguay consequently helping to improve reliability, efficiency and access of electricity in the country.
- Capacity development investments of about \$0.5 million per year up to 2030 for disseminating knowledge and for training activities regarding energy access, efficiency and public policies.

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