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**CSTD 2022-2023 priority theme on “Technology and innovation for cleaner and more
productive and competitive production”**

Statement submitted by

Paraguay

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Paraguay has significant examples in renewable energies with the Itaipú (with Brazil) and Yacyreta (with Argentina) hydroelectric dams.

In addition, in the past years international private companies have initiated projects such as the Omega Green project, an industrial complex for the production of advanced biofuels produced from vegetable oils and fats.

Public-private initiatives are also indicated in our national strategy towards a green hydrogen route in Paraguay.

R&D national efforts

In recent years, national efforts have also focused on public science, technology and innovation programs. Since 2014, the Paraguayan Program for the Development of Science and Technology (PROCIENCIA), a public funding program for STI, has been in operation with the objective of promoting national capacities through calls for research and development projects, incentives for researchers, creation of national postgraduate programs with a focus on research, and other initiatives for the national development of science. In recent years, research related to the potential for hydrogen production from renewable energy sources in Paraguay, also development of technologies for renewable energy applications and the creation of graduate programs focused on chemistry and electronic engineering with an emphasis on renewable energy have been funded. The challenge for the next few years of our national investment in STI and particularly in removable energies is to generate more opportunities for Paraguayan institutions and scientists to cooperate with international institutions and laboratories.

Also, it is fundamental the assistance of international cooperation instances for the application of national policies and strategies on green technologies, based on the new national technologies developed for renewable energies.