

38th IPHE Steering Committee Meeting 29 – 30 November 2022 San José, Costa Rica















 Costa Rica commits to an absolute maximum of net emissions in 2030 of 9.11 million tons of carbon dioxide equivalent (CO2e) including all emissions and all sectors covered by the corresponding National Greenhouse Gas Emissions Inventory.

ENERGY

Costa Rica's contribution is focused on accelerating the electrification of different uses in the country, limiting and reducing the use of fossil fuels, promoting energy efficiency and innovating in energy sources.









VISION

"Costa Rica produces green hydrogen competitively, taking advantage of its renewable electricity matrix, contributing to the decarbonization of the transportation and industrial sectors, energy independence and economic growth, and is positioned as a regional hub of knowledge and technology.





DECARBONIZATION OF THE TRANSPORT SECTOR AND THE INDUSTRY



DEVELOPMENT OF A TECNOLOGY HUB



HYDROGEN EXPORT









PRODUCTION

2 USD/kg

LCOH

TRANSPORTE

100 - 250FC light vehicles



DEMAND

500 - 900 FC heavy vehicles



15 - 20 Refueling stations



0,2 - 750 MW electrolysis capacity installed and under development



8-10% green H2 replacing LPG or bunker

CROSS CUTTING



900 - 1900 million USD Investments in production and demand proyects



250 - 450 000 Tons of CO_{2e} abated emissions



12 – 18 000 jobs Direct and indirect







Thank you



International Partnership for Hydrogen and Fuel Cells in the Economy