

Therefore, mindful of respective national policies and priorities, the Heads of Delegation identified the following opportunities for collaboration with IRENA to facilitate the deployment of renewable energy in the region:

- Assessing the region's renewable energy resource potential;
- Energy planning to optimise the energy mix, including grid restrictions;
- Addressing the technical challenges related to high shares of renewables, including resource complementarity, energy security, energy storage, dispatchability challenges, grid stability, short-term weather forecasting and other factors;
- Assessing the effectiveness of the various policy mechanisms employed thus far to promote renewable energy deployment, both within and outside the region, particularly to facilitate investments and to reduce energy costs; and promoting exchanges of experts to disseminate experiences;
- Evaluating the social and territorial impacts of large projects; disseminating mitigation experiences.
- Supporting energy integration through market integration (in particular, harmonising regulatory frameworks) and possible technical infrastructure studies;
- Expanding energy access through off-grid photovoltaic and wind solutions; accordingly, IRENA's Third International Off-Grid Renewable Energy Conference should be held in the region.
- Identifying capacity building needs, including assessing gaps in human resources along the value chain (especially at the technical level) and supporting research and development (R&D) and innovation policies for renewable energy.

In addition to wind and solar energy, the Heads of Delegation identified hydropower, modern use of biomass, and geothermal energy as important sources to prioritise in Latin American-IRENA collaboration, along with the necessity to analyse renewable energy deployment in end-use sectors, such as industry and transport.

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