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Government updates its National Electromobility Strategy and launches draft National Energy Policy

Santiago, October 27th, 2021.- A new milestone on the road to carbon neutrality and compliance with climate change mitigation goals has been led by the Ministry of Energy in its Electromobility plan update and the launch of the National Energy Policy draft. Both documents are fundamental within the path outlined by Chile's NDCs updated in 2020, considering that the energy sector represents around 77% of the country's total emissions.

Electromobility Plan Update

The objective of this update is to establish the strategic measures and specific goals to accelerate a sustainable development of electric transport from a comprehensive, global and participatory perspective. Thus, it seeks an improvement in the quality of life of Chile's citizens, to contribute to sustainable development and to fulfill Chile's environmental commitments.

Among the most notable aspects of this document, it is established that by 2035, 100% of the new additions of urban public transport must be electric and that 100% of the sales of light and medium weight vehicles will be in zero-emission vehicles. This strategy also establishes that by 2045, 100% of the sale of freight transport and intercity buses must be electric. Finally, it is proposed that by 2035 all sales of mining, forestry, construction and agricultural machinery over 560 kW should be electric, a goal that is extended to machinery over 19kW by 2040.

This plan establishes 4 strategic pillars with 13 guidelines to develop the plan in order to achieve the aforementioned goals:

1. Sustainable means of transport and financing:
 - a. Development of instruments to promote zero-emission transport
 - b. Zero emissions transport acceleration by segment
 - c. Circular economy and transformation
 - d. Enabling new technologies and uses
2. Charging and regulation infrastructure
 - a. Increase in cargo network coverage
 - b. Rates and integration with the electricity grid
 - c. Development of regulation and standards
3. Research and human capital:
 - a. Human capital development
 - b. National industry boost
 - c. Research and innovation

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4. Dissemination, information and articulation
 - a. Knowledge transfer
 - b. Coordination and articulation of actors
 - c. International cooperation

More information is available on the website of the electromobility platform of the Ministry of Energy (only in Spanish): <https://energia.gob.cl/electromovilidad/>

National Energy Policy (PEN) Draft

This long-term roadmap will establish the guidelines for the development of the energy sector and will include the measures for the 2030, 2040 and 2050. This document, which must be updated every 5 years, serves as a guide for all the initiatives and strategies developed by the Ministry of Energy. The document will soon enter to a public consultation process.

In this update, the PEN will consider the strategies for the development of green hydrogen and electromobility, among others, with the aim of addressing the climate crisis. Specifically, there are 66 goals identified for the time horizon projected by the document. The main measures focus on electrification, firewood and pollution, jobs and gender parity.

Among the goals set by the preliminary project, it is sought the zero emissions target derived from energy generation. Likewise, it will seek full coverage of access to electricity in households by 2030, 20 years ahead of the previous PEN. The document also proposes a reduction of 70% for particulate matter 2.5 for heating by 2050 (compared to 2018) and a total reduction in the use of dry firewood in all urban centers by 2030. The document also contemplates that Chile will become an exporter of green hydrogen and its derivatives by 2030, aligned with the national green hydrogen strategy.

For more information, you can check the PEN website and draft project at (only in Spanish): <https://energia.gob.cl/energia2050>