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Chile's NDC, Green Recovery, Long-Term Climate Strategy and JCM Projects in Chile



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NDC 2020

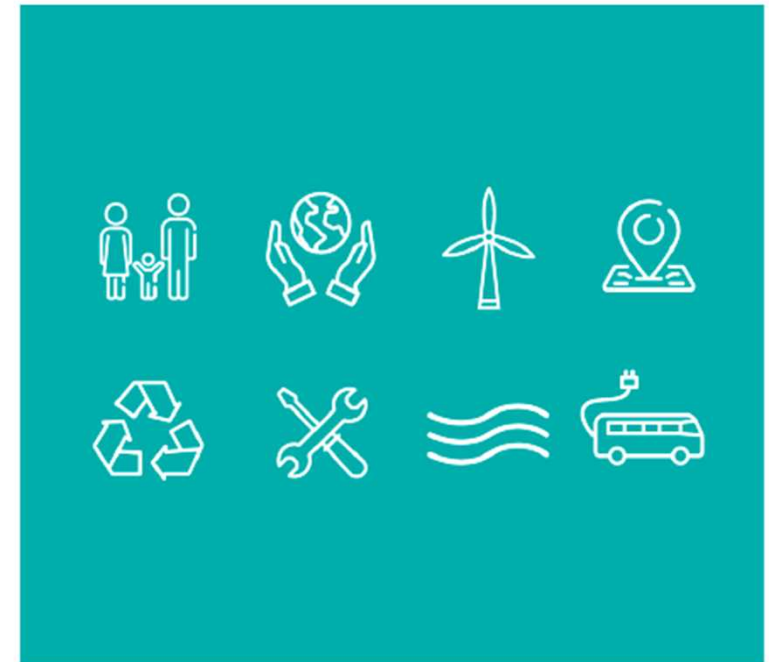
Chile's updated NDC 2020

- Concrete answer to Paris Agreement requirements
- Clear goals for Chile's sustainable development by 2030.
- Chile accomplished its commitment as Presidency of COP25



CONTRIBUCIÓN DETERMINADA A NIVEL NACIONAL (NDC) DE CHILE

ACTUALIZACIÓN 2020



Main challenges



- Define a participatory and multi-sectoral process to update our 2015 NDC
- Incorporate the most recent scientific recommendations and knowledge into our NDC goals
- Deal with both global climate crisis and national sustainability challenges

Chile's NDC structure



- Means of implementation: capacity building, technology transfer and finance
- Transparency: Katowice rules 2025

Mitigation: economy wide goal



**2020-2030 CARBON
BUDGET: 1.100 MtCO_{2EQ}**



**EMISSIONS PEAK:
2025**



**ABSOLUT EMISSIONS:
95 MtCO_{2eq} BY 2030**

More transparent and ambitious goal, in line with the Paris Agreement
Science has proven us that temperature increases are directly related to accumulated emissions, therefore it's relevant to establish a carbon budget goal.

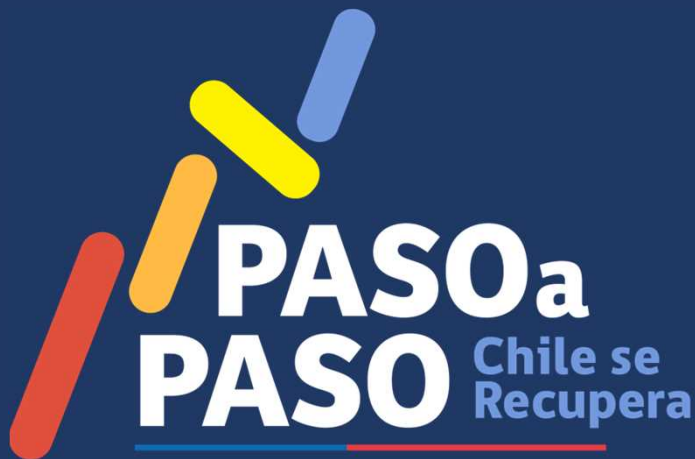
GREEN RECOVERY

Context



- Global COVID pandemic
- Profound health, economic and social impact
- Economic shock, decrease of 7.1% of GDP in the first half of 2020, and an expected fall of 4.5 to 5.5% during 2020

Step by Step: Chile Recovers Plan



1. Create and recover jobs
2. **Implement an Investment Plan**
3. Support and boost SMEs
4. Simplifying procedures and permits

All the projects contemplated in this reactivation plan will not only comply with current environmental regulations, but **30% of the projects** with the additional funds will contribute to accelerate our transition towards sustainable development, with low-emissions and adaptation to climate change*.



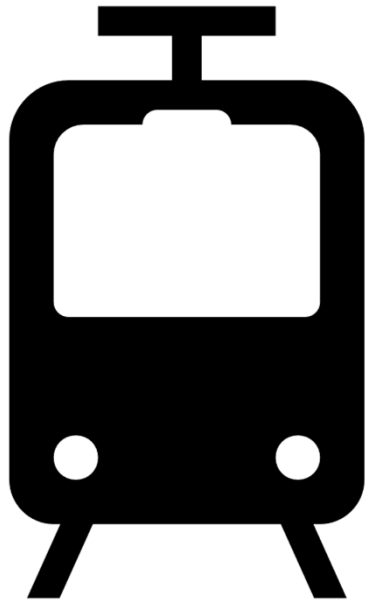
* Carbon neutrality and greater resilience goal - Draft Framework Law on Climate Change



SUSTAINABILITY ANALYSIS

1. Contribution to fulfill the commitments established in our new NDC (2020).
2. International CBI (Climate Bond Initiative) classification that corresponds to the Chilean Green Bond Framework.





COVID Fund Projects (Examples)

- **Sustainable transport:** subway, trains, electric buses
- **Sustainable public building:** solar panels, energy efficiency (EE) in schools, health centers, museums
- **Sustainable housing:** thermal conditioning and energy efficiency
- **Water adaptation and management:** rural drinking water, sanitation
- **Sustainable afforestation:** focus on native species, protection of soils, wetlands, headwaters, fire control



LONG TERM CLIMATE STRATEGY

Long-term Climate Strategy (LCS)



CHILEAN GOAL: TO BE GHG NEUTRAL AND RESILIENT BY 2050 (Draft CC Framework Law)

- **Definitions in the ECLP: How do we achieve the goal?**
 - National GHG budget to 2050 and 2030 (already defined in the updated NDC)
 - Sectoral GHG Budgets to 2030
 - Goals and indicators of vulnerability and adaptation (based on Atlas of Climate Risk)

JCM PROJECTS IN CHILE

JCM Projects in Chile

Project	Project Participants	Status
Introduction of 1MW Rooftop Solar Power System to University (2017)	- Waseda Environmental Institute Co., Ltd. - MGM Innova Capital Chile SpA	Commissioning: completed in Jan., 2019
1.4MW Solar Power and 2.3MWh Storage Battery Project in San Pedro de Atacama city (2018)	- Liberal Solution Co., Ltd. - MGM Innova Capital Chile SpA	Design & manufacturing: started from Feb., 2019
3.4MW Rice Husk Power Generation Project in Maule (2019)	-Asian Gateway Corporation -La Gloria S.A.	Design & manufacturing: not started yet
3MW Solar Power Project in Chillan, Nuble Region (2020)	-FARMLAND Co., Ltd. -Land and Sea SpA -Farmdo Energy Chile SpA	Design & manufacturing: started from Mar., 2020



Thanks for your attention

