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# Canada-Chile Program to reduce Emissions in the Waste Management Sector:

*A concrete example to explore options for the  
exchange of mitigation outcomes*

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# Canada's International Climate Financing

- Canada announced in November 2015 a climate financing pledge of CAD\$2.65 billion over 5 years to help developing countries make the transition towards low-carbon development and climate resilient economies.
- This contribution represents Canada's largest climate finance contribution ever, scaling up to \$800 million per year starting in 2021.



**This investment includes \$ 7M to support NDC implementation in the waste sector in Chile through the deployment of clean technologies to reduce methane emissions**



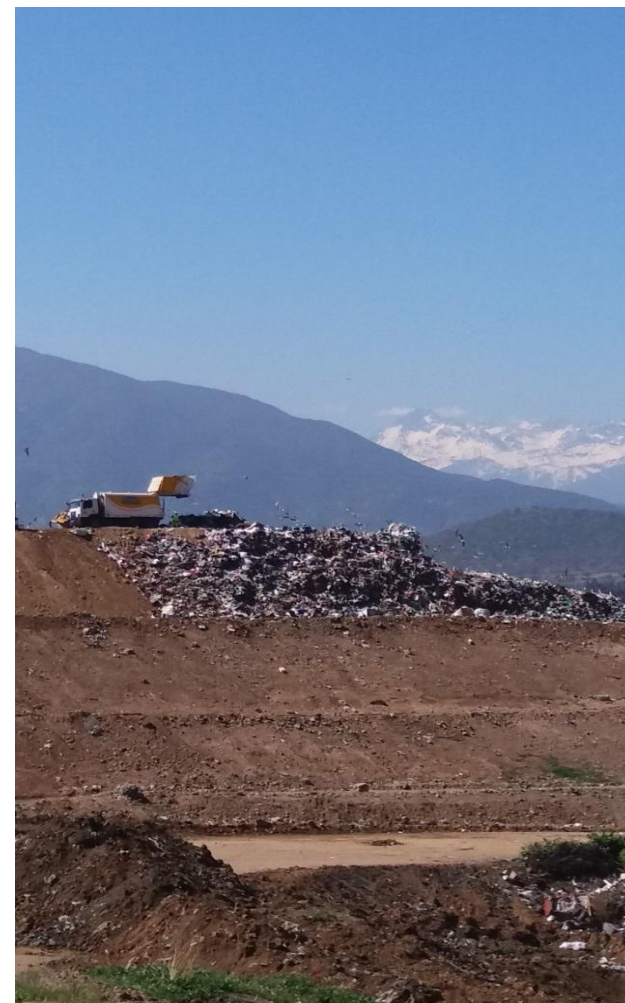
# Bilateral program in the Chilean waste sector

## Overall objective:

\$7M to support Chile's NDC implementation in the waste sector.

## Program Priorities

1. Reduction of methane emissions through technology deployment from existing landfill sites and measures to divert organic matter from landfilling;
2. Tracking, monitoring and reporting emission reductions as well as explore opportunities for new and innovative cooperative arrangements;
3. Leverage co-financing from public and private sector partners to create financial enabling conditions for scaled-up implementation,
4. Communications and public education opportunities.



Page 3 – January-23-18

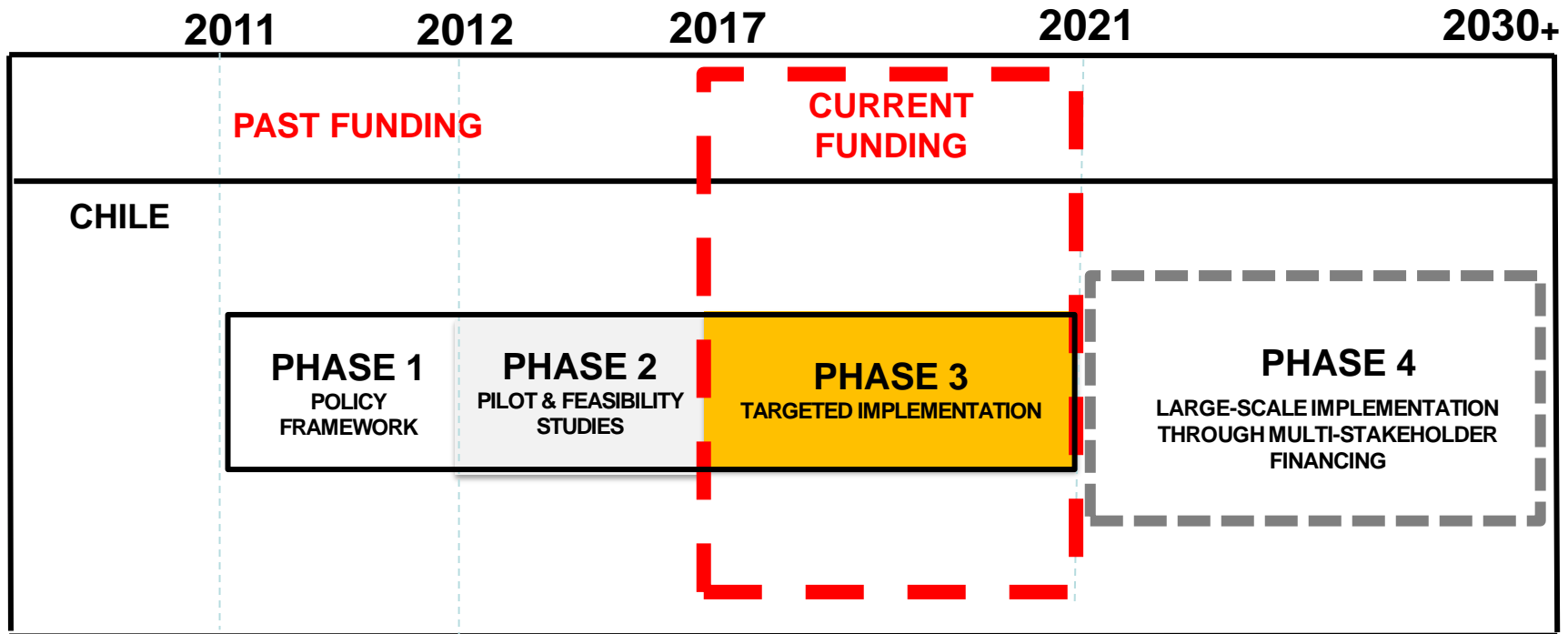


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# The Canadian Approach



# Expected outcomes

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Besides technology deployment and emission reductions, Canada and Chile are working together, through the bilateral programme to:

- Strengthen MRV and develop capacity-building for tracking, monitoring, and reporting emission reductions;
  - Currently developing 3 new GHG verification protocols:
    - Landfill gas
    - Anaerobic Digestion
    - Diversion of organics
- Identify options to achieve NDC levels;
- Develop incentive for partners to replicate the model in other communities/facilities or make information available to other jurisdictions especially the Pacific Alliance.
- Explore considerations for bilateral discussions for mitigation transfers.



# A New Context for Mitigation Transfers

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- The Paris Agreement created a new world for international approaches to carbon markets.
- Internationally Transferred Mitigation Outcomes (ITMOs) counted towards Nationally Determined Contributions (NDCs) must meet 3 requirements:
  - Be voluntary and authorized by participating Parties
  - Apply robust accounting to avoid double counting on the basis of a corresponding adjustment
  - Ensure environmental integrity and transparency, and promote sustainable development



# Benefits of Early Action

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- Continue momentum generated from Paris.
- Send signal to private sector that carbon markets are real and effective.
- Leverage existing potential opportunities.
- Piloting cooperative approaches to mitigation outcomes can lead to replication in other jurisdictions.



# Rationale

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- Long-standing collaboration between Canada and Chile in the waste sector
- Overall, the waste sector has a limited role in achieving Chile's NDC, considering its small contribution to Chile's emissions, so it is a great playground to experiment.
- The Chilean waste sector is in the middle of institutional reforms, which could make it easier for Chile to explore opportunities to integrate regulatory provisions needed for exchanging mitigation outcomes.





# Next steps

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- Develop a workplan for the project
- Identify and analyze first emission reduction raw data coming from real cases (ex: landfill gas capture)
- Discuss options to:
  - Apply emission reductions against Chile's NDC
  - Pilot models that could inform and support the exchange of mitigation outcomes.
- Develop a communication strategy to include
  - Identification of potential for replication in other countries
  - Dissemination and sharing information, experiences and lesson learned with:
    - the Pacific Alliance
    - the international community (UNFCCC, CCAC,...)



# Thank you



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