

Mitigation Actions in the Solid Waste Sector in Peru

Nordic Partnership Initiative (NPI)

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Programme for the Support of Up-scaled Mitigation Actions within the Solid Waste Management Sector in Peru

- **1st phase: 2013-2015 – background work, Nationally Appropriate Mitigation Actions (NAMA) report , Measurement, Reporting and Verification (MRV) report**
- **2nd phase: 2016-2018 - complementary activities**
- **Funded by the Nordic Countries and NEFCO**
- **Similar activity completed in cement sector in Vietnam with NDF's support**

1st phase (2013-2015)

Q3-Q4 13

- Project set-up
- Project Launch
- Stakeholders meetings
- Diagnosis Report
- National Survey
- Characterization studies
- Site visits -08 cities
- SIGERSOL review
- Prelim GHG inventory
- Relevant waste flows review
- Conglomerates Potential
- COP 19
- Interclima

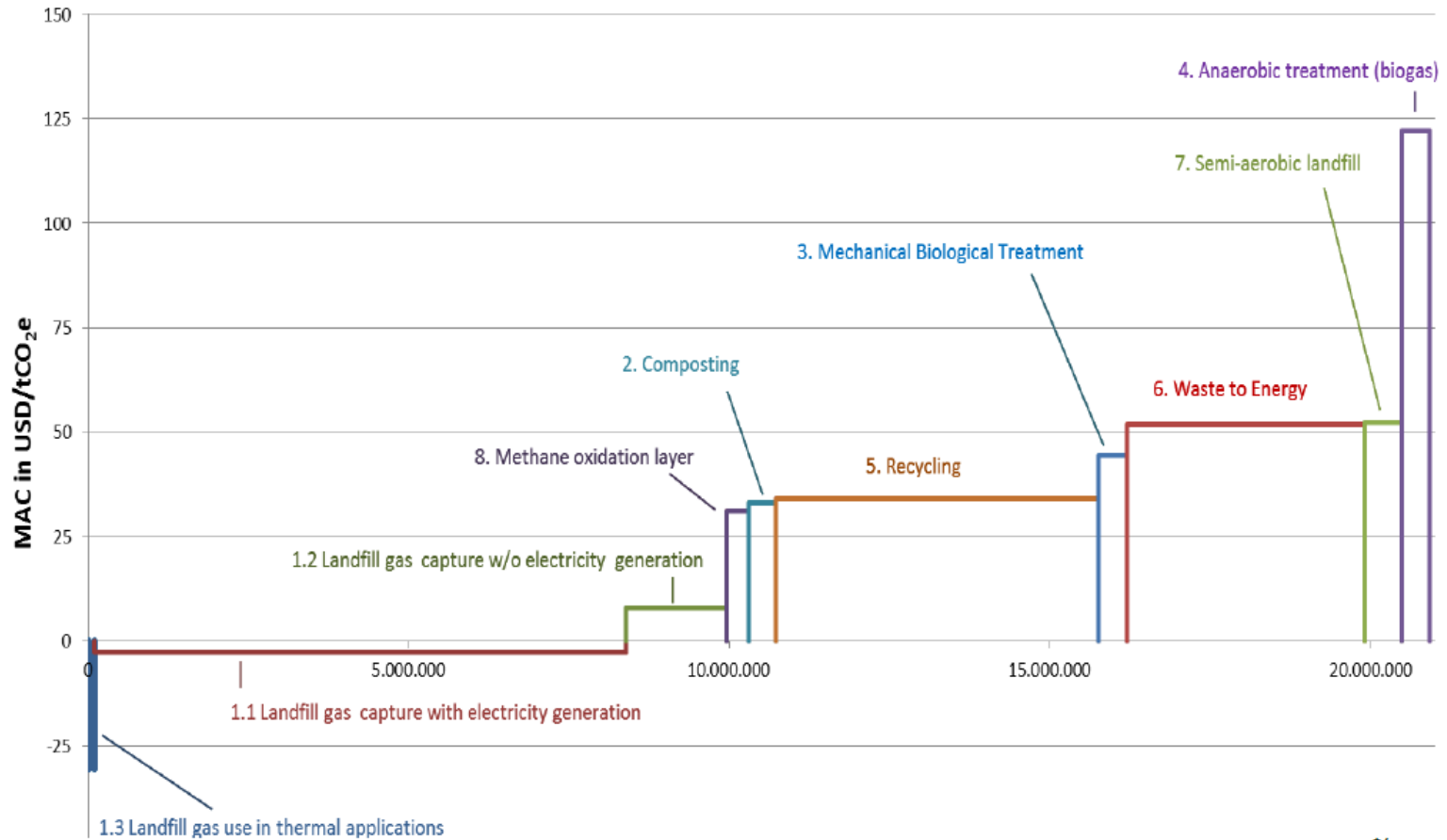
Q1-Q4 14

- GHG inventory
- BAU report
- Training
- Mitigation options definition
- Improved SIGERSOL
- National Strategy (conglomerates, technology, competence organizational issues, KPIs, budget)
- Stakeholders meetings
- COP 20

Q1-May 2015

- NAMA report
- MRV report
- Benchmarking
- Intl. Financing scheme
- Final Report

MAC curves



Selected mitigation technologies and the MRV system

- Landfill gas capture with flaring
- Landfill gas capture with energy generation (heat or electricity)
- Source separated organic composting
- Mechanical Biological Treatment

NAMAs -> NDCs

NAMAs as a tool for
NDC implementation

2nd phase (2016-2018) complementary activities

- Strengthening of the information system for the solid waste management - **SIGERSOL**
- Analysis of enabling conditions to create supply and demand of **compost**
- Evaluation of **Financial Mechanisms** and policy instruments linked to Solid Waste NAMA
- Assessment of the potential of mitigation of greenhouse gases by the implementation of **final disposal infrastructure** for solid waste in prioritized territorial areas
- **Other complementary activities** under consideration inc. dissemination activities

Roadmap for composting

- Establishing a regulatory framework that encourages compost production and marketing.
- Developing an education and awareness program to promote compost production and use.
- Promoting the formalization of organic waste compost production and use.
- Establishing commercial strategies for compost market development.
- Managing financing options for composting projects.

Peruvian Technical Standard
"Requirements for Organic Solid Waste
Compost Production" prepared



Financing

- Two solid waste operators selected and paths identified in order to gain access to financing
- Application formats filled out:
 - Work for Taxes (*Obras por impuesto*)
 - Green Climate Fund



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Thank you

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