

Opportunities and barriers for methane capture and use in Argentina



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Opportunities



- **Landfill sector: hundreds of municipalities need to improve solid waste and water management, including construction of landfills and waste water treatment plants**
- **Agriculture sector: intensive livestock production is creating environmental challenges due to organic waste mismanagement**

Initiatives that help



- **National Program for the Integral Urban Solid Waste Management (SAyDS)**
 - Development of waste management plans
 - Construction of landfills and other facilities
 - Landfill gas capture (and use?)

- **National Bioenergy Program (INTA)**
 - Technical support to farmers and stakeholders in the agricultural sector in the biogas and biomass generation and

Barriers: Landfill Sector



- **Landfill sector**
 - Access to financial resources
 - Institutional barriers (municipalities, contractors)
 - Technical and economic barriers (landfills size, technology providers, local expertise)
 - Market barriers (natural gas access, subsidies to fossil fuels and electricity generation)

Barriers: Agricultural Sector



- **Agricultural sector:**
 - Access to financial resources
 - Technical and economic barriers (production sizes, technology providers, local expertise)
 - Lack of robust regulatory framework
 - Lack of robust awareness of the environmental burden
 - Market barriers (natural gas access, subsidies to fossil fuels and electricity generation)

M2M contribution



- **To address some of the identify barriers:**
 - strengthen local human resources at different levels,
 - strengthen capacities of technology providers,
 - promote the implementation of best practices for solid waste management and waste water treatment and the associated methane capture and use

Thank you



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