

Community of Practice MET LAC

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Realização

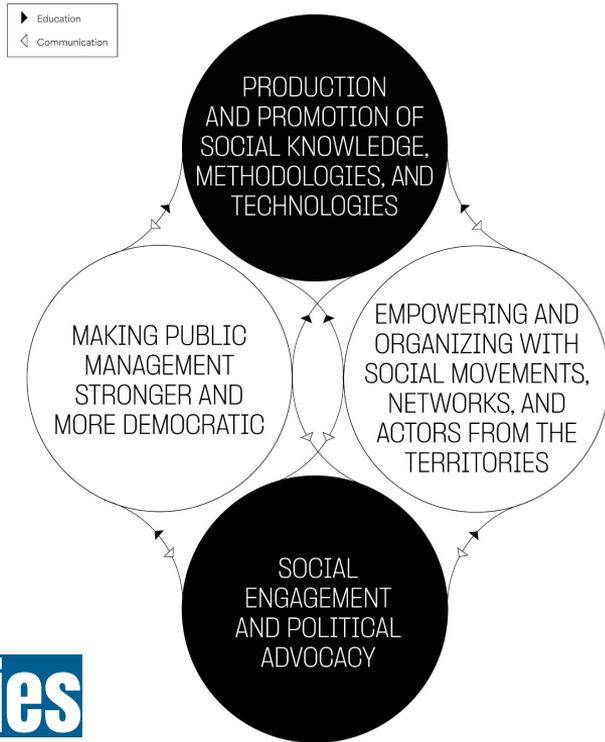
InstitutoPólis

Apoio



ABOUT PÓLIS INSTITUTE

since 1987 defending the right to the city



Strategies

Axes

**TERRITORIAL
RACE, GENDER AND
LGBTQIAPN+
SOCIOENVIRONMENTAL
AND CLIMATE**

BRAZIL COMPOST AND CULTIVATE:

accelerating organic waste management



WORKING STRATEGIES AND ACTIVITIES

- **RESEARCH**

- **CAPACITY BUILDING**

- **TECHNICAL ASSISTANCE**

PROJECT PORTFOLIO
MONITORING & MENTORING
STUDIES FOR NATIONAL STRATEGY

ONLINE COURSES
IN-PERSON COURSES
INTERNATIONAL EXCHANGE
COMPOSTING TOUR WITH WASTE PICKERS
COMPOSTING TOUR WITH WASTE MANAGERS
“THEMATIC PILLS” (VIDEOS)
ONLINE HUB

WASTE PICKERS COMPOSTING MODEL
4 CITIES WITH DEVELOPED PROJECTS
LESSONS LEARNED SYSTEMATIZED

BRIEF SCENARIO OF MSW MANAGEMENT IN BRAZIL

why the composting in communities is so important?

Only **0,27% of MSW in Brazil is composted**

0,17 million tons in the year, out of a total of 63,8 million tons was collected (SNIS, 2023)

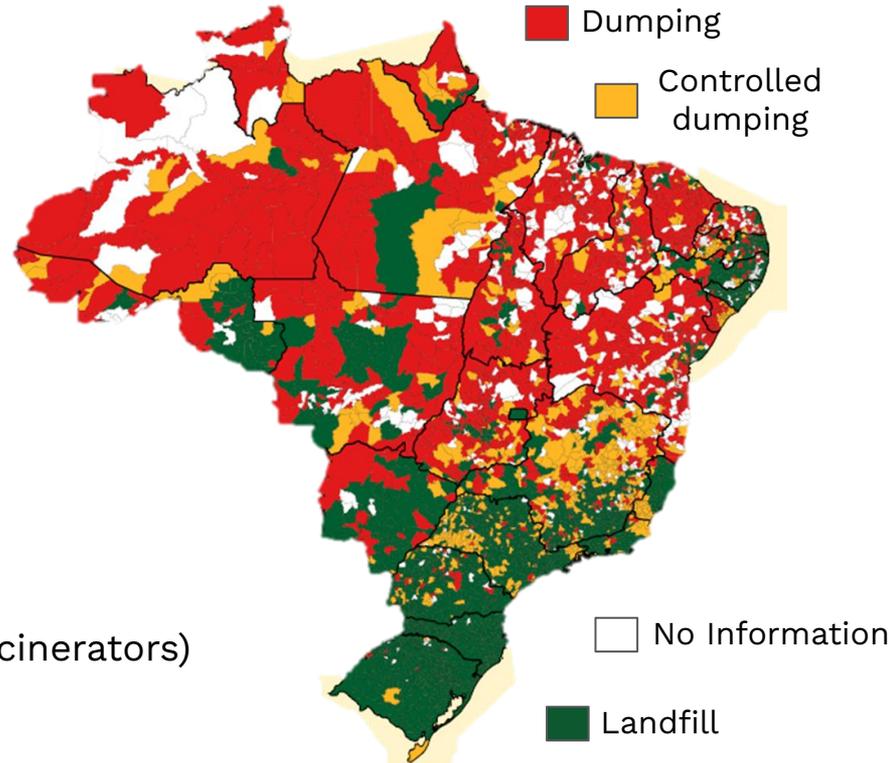
Old models were unsuccessful and faced great resistance until new models emerged.

Almost **2,500 dumps** still exist in the country

Besides that...

Composting systems generate:

- **More jobs** (3 - 11x more than landfills and incinerators)
- Awareness and **sense of community**
- **Source of income**



KEY-ACTORS INVOLVED

Each system developed based on its **specificities and local reality**, with the central participation of one or more actors



Farmers



Waste pickers



Neighborhood Association



Local Government



SUCCESSFUL CASES IN BRAZIL

Põe no Balde - Marabá/PA

Farmers manage composting

- Population served: **1.200 houses**
- Amount of waste sent for composting: **20 tons/month**
- People involved in the project: **120**
- Farmers involved in the project (operation and use of the: **60**



Credits: Aline Nascimento/Seagri

Copercicla - Santa Cecília do Sul/RS

21 municipalities served

- 2 units - Head Office (performs composting) serves 14 municipalities.
- **250 tons per month of organics waste diverted from landfill.**
- **900 tons per month of solid waste in total.**
- The collection is still mixed and they carry out mechanical separation when the waste arrives.
- Composting is automated.



Credits: Cooperative Facebook

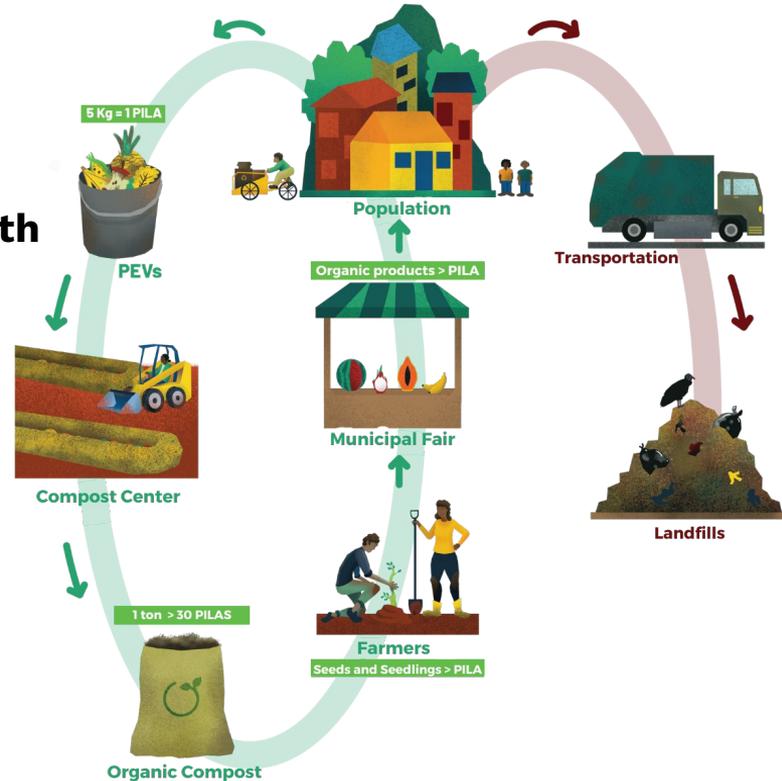
Pila Verde - Santiago/RS

Socio-environmental currency

- Population served: **200 residents**
- Farmers involved in the project: **70**
- Amount of waste sent for composting: **38 tons/month**



Credits: Santiago City Hall



Revolução dos Baldinhos - Florianópolis/SC

Community engagement

- People involved in the project: **8**
- Population served: **2.400+**
- Amount of waste sent for composting: **15 tons/day**
- In 2019, Germany's World Future Council (WFC) recognized the association as one of the “**15 agroecological practices of excellence in the world**” for using a “replicable social technology”



CONCLUSIONS AND RECOMMENDATIONS

- It is necessary to **rethink MSW management systems** beyond the conventionally private and/or state logic.
- The successful systems went against the logic of high investment in infrastructure, starting with the simplest and **gradually expanding to do domestic waste.**
- The system implementation phase is the one that presents the most challenges, mainly due to the lack of technical assistance and funding sources. Support from **federal institutions, especially in municipalities with low financial self-sufficiency.**
- **Hiring organizations and paying for services provided** in the management of compostable organic waste, whether selective collection or composting **are essential.**
- **Federal support and investment programs should** prioritize the implementation of composting systems in municipalities where the mass of recyclable waste generated does not guarantee the economic sustainability of the system.

TO GET THE FULL STUDY, GO TO:

Pólis (PT version) + GAIA (ESP version)



<https://polis.org.br/projeto/novos-modelos-de-compostagem-nas-cidades/>



<https://www.no-burn.org/resources/instituto-polis-nuevos-modelos-de-compostaje-en-las-ciudades-integrando-reciclaje-agricultura-y-vivienda/>

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