CCAC MSWI
Latin American Regional Municipal Solid Waste Workshop

São Paulo Work Plan Phase (Stage II)

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March 31, 2016
The city that is a country...
The city that is a country...

6% Brazil’s population

12 million inhabitants

Top 10 megacities

11% country GDP
...with many challenges in managing the msw

6 million residences

100 parks/green areas

20,000 tons/day

More than 90,000 streets

900 street markets/week
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1st phase: City Assessment & Action Plan Project

ISWA: Project implementer

ABRELPE

City of Sao Paulo: recipient
1st phase: City Assessment & Action Plan Project

- **Dec 2014:**
  - 1st scoping mission
  - Start data collection

- **Jan 2015:**
  - Data collection

- **Feb 2015:**
  - Complete data sheet
  - Prepare City Profile
  - Draft Action Plan

- **Mar 2015:**
  - 2nd scoping mission
  - Consultation with Sao Paulo on Action Plan
  - Finalise Action Plan
São Paulo moves to the next step: Work Plan phase

- Action Plan approved
- Work Plan proposal approved
- City exchange proposal approved

Copenhagen/Denmark, as the mentor city
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2nd phase: Workplans

Work Plan phase timeline

Oct 15 - Sept 16

One year project
Work Plan phase timeline

- **Sep**: Project Kickoff, Finalise ToRs, Strategy for organic waste diversion, Technical guidance on the plant operation
- **Okt**: Handbook for schools on organic waste management, Evaluate the plan for the first small scale composting plant
- **Nov**: Communication strategy, Conceptualise a communication campaign
- **Dec**: Training on communication
- **2016**: Training on communication, Evaluation paper final, Communication strategy final, School handbook final, Bio-waste diversion strategy final, Tech-guide on plant operation final

- **Feb**: Training on plant operation
- **Mär**: Online forum for school initiatives
- **Apr**: Design a trial for household source separation and collection
- **Mai**: Training on bio-waste treatment plant operation
- **Jun**: Project closing meetings
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2nd phase: Workplans

1. Define the strategy for organic waste diversion and help realise a pilot organic waste treatment plant (Priority 1).

**Deliverables:**

- Strategy paper on biowaste diversion
- Technical guideline for biowaste treatment plants

Lead expert: Marco Ricci (ISWA)

Based on PGIRS!
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2nd phase: Workplans

2. Enhance organic waste management in schools and enhance awareness of teachers and children (also Priority 1)

Deliverables:

- Online platform for school exchange of initiatives on biowaste management
- Handbook for schools focusing on biowaste treatment

Lead experts: Morada & ABRELPE

More than 13,000 schools!
Online platform for school exchange of initiatives on biowaste management

- Launched on February 18
- 45 members by March 24
- 20 schools + stakeholders
- Monthly meetings
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2\textsuperscript{nd} phase: Workplans

3. Utilise public gardens and parks for green waste and organic waste from street markets for recycling and public education (Priority 2)

Deliverable:

Evaluation and Recommendation Report of the Pilot Composting Plant in Lapa District of the City of São Paulo

Lead expert: Marco Ricci (ISWA)

54 tons/week from 24 street markets!
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2nd phase: Workplans

4. Managing source separation of organic fraction from household waste (Priority 3)

**Deliverable:**

A trial design of source separation and separate collection for a selected area (5000 inhabitants)

**Lead expert:** Marco Ricci (ISWA)

Lapa district!
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2nd phase: Workplans

5. Enhance citizen’s awareness towards recycling and separate collection

Deliverables:

Communication Strategy paper for recycling and collection of source separated waste

A communication campaign

Lead experts: Ana Loureiro (ISWA) & ABRELPE

Lapa district!
6. Capacity building and knowledge transfer on organic waste management

**Deliverables:**

- A one-day training workshop on public communication
- A two-day training workshop on bio-waste management plant operation
A one-day training workshop on public communication

- Held on January 20
- 40 participants from 20 institutions
- Federal, state and municipal levels
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Difficulties and Barriers

✓ The “country” called São Paulo;
✓ Absence of a comprehensive and updated database;
✓ To find the “right” person;
✓ Timing for document reviews.
Advantages and Achievements

- Strong political support from SES and AMLURB since the beginning;
- Support from the private sector: doors (and minds) opened in all facilities;
- The project has been seen as a catalyst for actions planned in PGIRS…
- …and also as a bridge between stakeholders:
Project Team:

Project Management:
- Jiao Tang (Project Manager)
- Abrelpe (Local Project Coordinator & Advisor)
- Marco Ricci (Lead Technical Expert)

Project Advisory Board:
- AMLURB
- Secretary of Services
- Executive Secretary of the Climate Change Committee and Ecoeconomia of São Paulo

Other key stakeholders:
- Secretariat for International Affairs, Sao Paulo
- Ecourbis, Loga
- Inova, I&T, Soma
- KMA
- CEPAGRO
- CEI Vila Leopoldina
- Morada da Floresta
- Department of Agriculture

Logo images for:
- CCAC
- ISWA
- Abrelpe
- Prefeitura de São Paulo
- AMLURB
- Morada da Floresta
Thank you!

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