

**Work Plan Project Final Trip Report**  
**Climate and Clean Air Coalition (CCAC) - Sao Paulo**  
**Traveler: Jiao Tang – ISWA Head of Technical Cooperation, Marco Ricci – ISWA Technical Expert**  
**July 25 – July 29, 2016**

## **Overview**

The International Solid Waste Association, represented by Jiao Tang, the Head of Technical Cooperation and the project manager of this project and Marco Ricci, the ISWA Technical Expert, conducted the final mission to Sao Paulo, Brazil with the assistance of the Local Coordinator, Abrelpe (the Brazilian Association of Companies of Public Cleansing and Special Waste, National Member of ISWA in Brazil) to present the results of the project and announce the closure of the 2<sup>nd</sup> phase assistance – the Work Plan Project for the Municipality of Sao Paulo under the framework of the Climate and Clean Air Coalition (CCAC) Municipal Solid Waste Initiative (MSWI).

The visit involved a number of meetings with senior city officials and key stakeholders to present the project deliverables, lessons learnt, feedback given and future perspectives. Each activity of the Work Plan project was elaborated and discussed with key stakeholders. In addition to these meetings, as a deliverable of the project, ISWA conducted a training workshop on bio-waste treatment plant operation of two days during which included a visit to a composting plant treating organic wastes from street markets and industries somewhere near Sao Paulo.

## **Summary of CCAC Sao Paulo Mission**

ISWA conducted the Work Plan Project final consultation meetings in Sao Paulo from July 25 to July 29, 2016, with the goal of presenting the city and key stakeholders the project deliverables and discussing with them lessons learnt, feedback and future perspectives. The meetings allowed ISWA to conclude and highlight the value of CCAC assistance provided to the city since December 2014 and resulted in appreciation from all key stakeholders of our effort and perspectives of future cooperation.

ISWA conducted meetings with the following private and public stakeholders:

- **Secretary of Services of the Municipality of Sao Paulo**
- **AMLURB**, the Municipal Authority of Urban Cleaning of the City of Sao Paulo
- **ABRELPE**, Brazilian Association of Public Cleaning and Waste Management Companies
- **Executive Secretary of the Climate Change Committee and Ecoeconomia of Sao Paulo** - Municipal Secretary of Green and Environment
- **Municipal Secretariat for International and Federative Relations**
- **KMA Environmental Recovery and Preservation Ltda**, a company providing small-scale composting services in Sao Paulo
- **Morada da Floresta**, an environmental solution provider and educator in sustainability including composting, the initiator of Composta Sao Paulo, a civil initiative on home-composting in 2014 which was supported by AMLURB.
- **I&T**, consultancy firm specialised in waste management

- **INOVA**, a concessionary of AMLURB providing street sweeping and collection services in Sao Paulo, investor and operator of the newly built composting plant in the district Lapa treating food waste from markets
- **Corpus**, a company specializing in collection, transportation and disposal of household waste and hazardous waste, cleaning and maintenance of public roads, landscaping and maintenance of green areas, deployment and management of landfills, maintenance of highways, building cleaning and other services. They operate the composting plant which the training workshop on biowaste treatment plant visited.

ISWA conducted a site visit to the composting plant managed by Corpus near Sao Paulo treating food waste from street markets and private industry companies.

**Meeting details:**

**Monday, July 25, 2016, 15:00 – 16:30**

**Meeting with the Secretary of Education and AMLURB**

Participants:

Ms. Andreia Medolago de Medeiros, Technical Assistant of the Municipal Secretary of Education - SME

Mr. Antonio Oswaldo Storel Junior, Coordinator on Bio-waste Treatment - AMLURB

Mrs. Gabriela Otero, Technical Manager - Abrelpe

Ms. Jiao Tang, Technical Manager – ISWA

Mr. Marco Ricci, Technical Expert – ISWA

With the SME and AMLURB, the project team discussed about the handover procedure and future outlook of the online social media platform for schools to exchange ideas and initiatives on waste management in schools. It was decided that the Secretariat of Education will take over the management of the online platform and AMLURM will be in close collaboration with them to feed in new information about waste management in the city and to promote inputs from schools. The consultant who built and operated the platform during this project was to have a formal meeting with the SME in the beginning of August 2016 to transfer the administration right of the platform to them and provide oral and written instructions and guidance on how to manage and promote the platform. Until the end of August 2016, the consultant will still support the Secretariat of Education in case they encounter technical problems managing the platform.



**Tuesday, July 26, 2016, 10:00 – 12:00**

**Meeting with Secretary of Services**

Mr. Alberto Serra, Secretary of Services of the City of Sao Paulo  
Ms. Andrea Medolago de Medeiros, Technical Assistant of the Municipal Secretary of Education - SME  
Mr. Ricardo Brandão Figueiredo, President – AMLURB  
Mr. Antonio Oswaldo Storel Junior, Coordinator on Bio-waste Treatment – AMLURB  
Ms. Paulo Guerra - Advisor of the Municipal Secretariat for International and Federative Relations  
Mr. Carlos RV Silva Filho, CEO – Abrelpe  
Mrs. Gabriela Otero, Technical Manager - Abrelpe  
Ms. Jiao Tang, Head of Technical Cooperation – ISWA  
Mr. Marco Ricci, Technical Expert – ISWA

The project team briefed the new Secretary of Services, Mr Alberto Serra, about the background of this city assistance to the Municipality of Sao Paulo, the experience so far and the outcome of the project. Two deliverables of the project were presented and handed over to the city: the “Strategy for Biowaste Diversion in Sao Paulo” and the “A Handbook for Schools on Organic Waste Management”. Both documents were highly appraised by the city officials. The strategy paper on biowaste diversion will serve as the guidance document for Sao Paulo when developing its bio-waste collection and treatment plants in the next years, an important part of Sao Paulo’s Master Plan; while the Handbook for School is intended to be disseminated to schools in Sao Paulo by the Secretary of Education. The online platform for schools will be managed by the SME who will integrate it in its work on collaboration with public schools on environmental education. Mr Alberto Serra thanked the assistance provided by CCAC and ISWA in the past years and would like to have further engagement once the city-level election is completed and new administration set up in the next half year or so.



**Tuesday, July 26, 2016, 15:00 – 16:30**

**Meeting with key stakeholders**

Participants:

Mr. Antonio Oswaldo Storel Junior, Coordinator on Bio-waste Treatment - AMLURB  
Mrs. Gabriela Otero, Technical Manager - Abrelpe  
Ms. Fernanda Romero, Trainee - Abrelpe  
Ms. Jiao Tang, Head of Technical Cooperation – ISWA  
Mr. Marco Ricci, Technical Expert – ISWA  
Ms. Eugenia Gaspar Da Costa, Engineer – INOVA  
Mr. José Luiz Tomita, Manager – KMA Environmental Recovery and Preservation Ltda  
Mr. Claudio Spinola - Morada da Floresta  
Mr. Leopoldo Matosinho - Morada da Floresta  
Mr. Fulvio Parajara, composting plant manager at Corpus Ltda.  
Ms. Paulo Guerra - Advisor of the Municipal Secretariat for International and Federative Relations  
Mr. Rafael Otero, Export Advisor - Danish Consulate General  
Ms. Marina Pinto, Expert - Compostagem Brasil consultancy

The project team presented the final deliverables to the Key Stakeholders, particularly the the “Strategy for Biowaste Diversion in Sao Paulo”, the “A Handbook for Schools on Organic Waste Management” and the online school platform. There were a number of comments from the stakeholders, mainly stressing the need for the city government to recognise the strategy paper as the guidance document for the planning of new facilities in the city in the coming years and that the key stakeholders should be consulted in the process of planning as they have the expertise and the overview of the city’s waste management system. In addition, the key stakeholders gave feedback to the project team regarding its 1,5 years’ work for Sao Paulo. The stakeholders

appraised the strong technical expertise and professionalism of the team and recommended the team to reach out to other stakeholders who are not yet in this group yet, should the city assistance continue into the next phase.



**Wednesday-Thursday, 27-28 July, 2016**

Training workshop on bio-waste treatment plant. Details refer to the workshop report.







**Friday, 29 July, 2016, 10:30 -12:00**

**Project Team feedback and outlook for the future**

Mr. Carlos RV Silva Filho, CEO – Abrelpe  
Mrs. Jiao Tang, Head of Technical Cooperation – ISWA  
Mrs. Gabriela Otero, Technical Manager - Abrelpe  
Mr. Marco Ricci – Technical Expert – ISWA

The project team members met to conclude the project, giving feedback to each other and evaluating the effectiveness of the activities so far since the beginning of the City Assistance to Sao Paulo. It was agreed that the multi-stakeholder approach was crucial to receive feedback and information, make the municipality aware of all relevant projects and initiatives, pull all efforts together towards the same direction and eventually cultivate a core group of experts and stakeholders as the knowledge base and resource for wider capacity building within the city and the country. It was also crucial that we had a strong local coordinating entity, ABRELPE, who has good connection with the municipality as well as with the waste management sector, without which the project would have achieved much less efficiency and impact. In terms of outlook for the City, Sao Paulo is going ahead with new bio-waste treatment plants, with at least one plant already in the pipeline (obtaining permit now), so our guidance documents came at the right time. Nevertheless, there needs to be additional and continuous capacity building in the sector provided to the companies, consultants and government officials. CCAC, ISWA and ABRELPE are excited to see the progress and contribute to such further capacity building.