

# 2<sup>nd</sup> WORKSHOP BIOECONOMY

## "Urban and agricultural wastes: energy, nutrient recycling, and production of fertilizer"

Anfiteatro "Otávio Tisselli Filho" - Instituto Agronômico (IAC)



UNICAMP



## PROGRAMME

### 1st DAY: 31 August 2016

8h - Registration

8:30h - Opening Session

Arnaldo Jardim - Secretário de Agricultura e Abastecimento

Jonas Donizette - Prefeito de Campinas

Roberto Levrero - Presidente da ABISOLO

Orlando Melo de Castro - Coordenador da APTA/SAA

Sérgio Augusto Morais Carbonell - Diretor-geral do IAC/SAA

Heitor Cantarella - Coordenador do Workshop e Diretor do Centro de Solos do IAC/SAA

9 - 10:30h - Session 1

### **Urban wastes (municipal solid wastes, green residues, sewage sludge)**

Speaker: Alexandre Gonçalves (Prefeitura de Campinas)

Panel Member 1: Rubens N. Rizek Junior (Secr. Adjunto/ SAA-SP)

Panel Member 2: Telma Teixeira Franco (UNICAMP/NIPE)

10:30 - 12h - Session 2

### **Vinasse**

Speaker: Andre Elia Neto (UNICA)

Panel Member 1: Raffaella Rossetto (Polo APTA Centro Sul)

Panel Member 2: Walter Lima (Usina Ester)

12 - 13h - Lunch

13 - 14:30h - Session 3

### **Composting of Municipal Wastes (MW)**

Speaker: Gean C. S. Matias (ABISOLO)

Panel Member 1: Fernando C. Oliveira (Biossola)

Panel Member 2: Fulvio C. Parajara (Corpus)

14:30 - 16h - Session 4

### **Biodigestion of Municipal Wastes (MW)**

Speaker: Antonio Carlos Delbin (Biogás-ambiental)

Panel Member 1: Jin Mi Triolo (University of Southern Denmark)

Panel Member 2: Bruna de Souza Moraes (UNICAMP/NIPE)

16 - 17:30h - Session 5

### **Biodigestion of Vinasse**

Speaker: Camila Agner D'Aquino (ABiogás)

Panel Member 1: Sergio Cruz (Paques)

Panel Member 2: Jorge Vinícius da Silva N. (Sagitta Energia)

### 2nd DAY: 01 September 2016

8h - Reception

8:30 - 10h - Session 6

### **Recycling Nutrients in Wastes / Fertilizers / Organo-Fertilizers**

Speaker: Vinicus de Melo Benites (Embrapa)

Panel Member 1: Arnaldo Rodella (Consultor)

Panel Member 2: Letícia Tavares Theotonio (Revita/Solvi)

10 - 11:30h - Session 7

### **Analysis and Breakout Sessions**

Four groups will be formed to discuss the drivers to achieve the Three Strategic Goals, focusing on:

a) Urban Waste: Heitor Cantarella (IAC) / Alexandre Gonçalves (Prefeitura de Campinas);

b) Biodigestion of Urban Waste: Bruna de Souza Moraes (UNICAMP/NIPE) / Antonio Carlos Delbin (Biogás-ambiental);

c) Biodigestion of Vinasse: Raffaella Rossetto (Polo APTA Centro Sul, Programa Cana IAC) / Andre Elia Neto (UNICA);

d) Recycling nutrients / composting and production of fertilizers: Ronaldo Severiano Berton (IAC) / Vinicius de Melo Benites (Embrapa).

11:30 - 13h - Reporting back and Discussion

13h - Close Meeting

### Coordenadores:

Heitor Cantarella (IAC)

Bruna de Souza Moraes (UNICAMP/NIPE)

Ronaldo Severiano Berton (IAC)

Raffaella Rossetto (Polo APTA Centro Sul/Programa Cana IAC)

