

3rd Waste2Energy Conference

 **Location:** Šibenik, House of Arts Arsen

 **Date:** September 18–19, 2025

 **Expected number of participants:** 150

 **Interactive Moderator:** Dr. Tomislav Lukić

 **Program Host:** Dina Čavid, NOVA TV

Day 1

09:00 – 10:00

Participant Registration

09:45 – 10:00

Media Statements

10:00 – 10:20

Opening Ceremony

Welcome Addresses:

-  Robert Podrug, CGO Bikarac
 -  Dr. Damir Krešić, Director, Institute for Tourism, Croatia
 -  Prof. Dr. Goran Šimunović, Dean, Faculty of Mechanical Engineering, University of Slavonski Brod
 -  Dr. Željko Burić, Mayor of Šibenik
 -  Paško Rakić, County Prefect, Šibenik-Knin County
 -  Mr. Mirko Budiša, Deputy Director, Environmental Protection and Energy Efficiency Fund
 -  Tanja Radić Lakoš, State Secretary, Ministry of Environmental Protection and Green Transition, Government of Croatia
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Session 1: Does Croatia Need Waste-to-Energy (WtE)?

10:20 – 11:10

Presentations:

-  Mr. Mirko Budiša, Environmental Protection and Energy Efficiency Fund: *Shared Challenges – Diverse Solutions: WtE in the EU and Region*
-  Prof. Dr. Luka Traven, Faculty of Medicine, University of Rijeka, MAOR: *Medical Aspects of Modern WtE Facilities*
-  Dr. Boris Brigljević, CarbonValue, Ulsan, Korea, MAOR: *Fuel from Waste and Carbon Capture – A New Paradigm for Climate Sustainability*

11:20 – 12:00

 Panel Discussion

Moderator: Dr. Tomislav Lukić, MAOR

Panelists:

- Tanja Radić Lakoš, Ministry of Environmental Protection and Green Transition
- Mr. Mirko Budiša, Environmental Protection and Energy Efficiency Fund
- Robert Podrug, BIKARAC
- Dr. Željko Burić, Mayor of Šibenik
- Raphael Clemens Barth, CIOS

12:00 – 12:20

 Coffee Break

Session 2: Technologies and Techniques of Waste-to-Energy

12:20 – 12:50

Presentations:

-  Nevenko Hladki, Ekenerg: *Vision for WtE Facility in Šibenik*
-  Dr. Andrea Iro, Brantner Group: *Brantner Green Solutions*
-  Zlatan Bakalović, CEO, Carbon Free Solutions d.o.o., MAOR: *Innovative WtE Technologies for Hazardous Waste*
-  Prof. Dr. Filip Kokalj, University of Maribor, MAOR: *Modern Technologies for Municipal Waste Treatment – Regional Experiences*

12:50 – 13:30

Panel Discussion

Moderator: Prof. Dr. Filip Kokalj

Panelists:

- Zlatan Bakalović, Carbon Free Solutions d.o.o., MAOR
- Dr. Boris Brigljević, CarbonValue, Korea
- Nevenko Hladki, Ekenerg
- Mr. Igor Grozdanić, Turbomehanika, MAOR
- Ivica Marić, TEP Andritz

13:30 – 14:30

 Lunch

Session 3: Communication and Public Awareness in Environmental Projects – Focus on WtE

14:30 – 15:30

Presentations:

-  Mr. Igor Grozdanić, Turbomehanika: *Energy, Economic and Safety Benefits of WtE Facilities*
-  Petar Tanta, CTA Communications: *Communication and Public Awareness in Environmental Projects*

Panel Moderator: Petar Tanta

Panelists:

- Lidija Tošić, Environmental Protection and Energy Efficiency Fund
 - Diana Ferić, Editor-in-Chief, Šibenik News
 - Josip Pavlović, Ecology of the City, Zagreb
 - Nada Perić, Sustainable Present, Osijek
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Day 2



Session 4: Waste Preparation Technologies for WtE

09:00 – 10:45

Presentations:

-  Josip Grgić, CGO Šagulje, Slavonski Brod: *Status and Prospects of MBT Facilities in Croatia*
-  Prof. Dr. Neven Voća, Faculty of Agriculture, Zagreb, MAOR: *Efficiency of On-Site Food Waste Treatment Devices*
-  Sandro Zovko, ZGI: *Carbon Footprint of WtE Facilities*
-  Robert Sedlar, Interzeroh: *24-Hour Bio-Waste Recovery – Electric Composters in Waste Prevention*

Panel Moderator: Dr. Mislav Konotek, Energovizija

Panelists:

- Ivan Vukorepa, CGO Lećevica, Karlovac
- Almir Bajtarević, Heidelberg Materials
- Robert Sedlar, Interzeroh
- Danko Fundurulja, IPZ Uniprojekt TERRA, MAOR
- Maja Feketić, Environmental Protection and Energy Efficiency Fund

10:45 – 11:00



Coffee Break

Interview: One-on-One

11:00 – 11:20

Prof. Dr. Filip Kokalj – Dr. Boris Brigljević

Status and Prospects of Advanced Waste Processing Technologies: W2H, Pyrolysis, Hydrogen Pricing, CCC, CCS, CCUS in WtE

Session 5: Waste Management in Tourist Destinations

11:20 – 12:30

Presentation:

-  Assoc. Prof. Dr. Mira Zovko, Institute for Tourism, Croatia: *The Invisible Burden of Tourism – How Waste Management Shapes Destination Futures*

Panel Moderator: Assoc. Prof. Dr. Mira Zovko

Panelists:

- Robert Podrug, CGO Bakarac, Šibenik
- Kristian Gašparini, EKOPLUS Rijeka
- Vesna Cetin Krnjević, Environmental Protection and Energy Efficiency Fund
- Ivan Jurešić, Ponikve, Krk

13:00 – 14:00

 Lunch

14:00 – 16:00

 Technical Site Visit

Visit to RCGO Bakarac with insight into the planned WtE facility area