Sponsors
Platinum: PALS Power of ALternative Systems; Dialynas S.A. Τεχνολογία Περιβάλλοντος
Gold: Περιφέρεια Κρήτης Region of Crete; Thalis Environmental Services S.A. member of Motor Oil Group
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Under the auspices: Δήμος Ρεθύμνης

PROGRAMME

Rethymno, 16–19 September 2026

Wednesday, 16 September 2026

NERADJE MOSQUE ROOM A

08:00 – 09:30 Registration

09:30 – 12:00 Opening Session *Chair: K. Lasaridi and T. Manios · Room A*

09:30 **Manolis Grafakos, General Secretary for the Coordination of Waste Management, Ministry of Environment and Energy**

09:40 **Stavros Arnaoutakis, Regional Governor, Region of Crete**

09:50 **George Marinakis, Mayor, Municipality of Rethymnon**

10:00 **Nektarios Papadogiannis, Rector, Hellenic Mediterranean University**

10:10 **Implementing Extended Producer Responsibility in Greece: Challenges and Perspectives**
Alexandra Sofia Togia

10:20 **Counting the Peel: The EU Food Waste Prevention Target Asks More Than It States - Is It Reachable?**
Katia Lasaridi

10:40 **THALIS E.S & HELECTOR SA – Sustainable Waste Management**
Panagiotis Gkouvousis

11:00 **"Recipes" for Resilience - the "ClimaCrete" Alliance**
Eugenia Stylianou

11:20 **Reducing Food Waste in Retail and at Household Level: Evidence from Dynamic Pricing, Redistribution and Mobile-App Interventions in Greece**
Michalis Tzagkarakis

12:00 – 12:30 Agri-PV: A View of the Future. Exhibition Session. Please step in our backyard. Supported by PALS

12:30 – 13:30 Lunch Break

13:30 – 15:30 Session 1 — Food Loss and Waste: Monitoring, Prevention & Reduction #1
Chair: C. Cicatiello, C. Chroni and K. Lasaridi

13:30 **From Monitoring to Meaning: Translating Swiss Data into Public Understanding**
Claudio Beretta

13:45 **Monitoring Food Waste in Sweden: Can Current Monitoring Systems Track the EU's 30% Reduction Target?**
Mattias Eriksson, Amanda Sjölund, Claudia Giordano, Hanna Hartikainen, Christopher Malefors

14:00 **From Guidelines to Grassroots: Integrating Systemic and Community Approaches for Food Waste Prevention in Latvia**
Sandija Svarupa, Alise Vecozola

14:15 Innovations for food waste prevention across supply chains: A PRISMA-based review of research and EU projects
Clara Cicatiello

14:30 A Food Loss Definitional Framework for the European Union
Héctor Barco Cobalea, Giulia Gallo, Pablo Castro-Castrechini, Berta Vidal-Monés, Raquel Díaz Ruiz, Anna Sagrera Cots, Nancy Peña Valbuena, Adrià Burniol García

14:45 Standardizing Food Loss measurement in EU primary production: a methodology and case study from the horticultural sector in Spain
Giulia Gallo, Pablo Castro-Castrechini, Héctor Barco Cobalea, Raquel Díaz Ruiz, Berta Vidal-Monés

15:00 Beyond Awareness: Consumer Segmentation and Behavioural Nudges for Household Food Waste Prevention
Cathy Marlair, Manon Jourdan, Tim Geleyn, Jack McQuibban, Davide Rigoni

15:15 From willingness to action: The role of motivation, opportunity, and ability in household food waste
Evangelia Sigala, Sophie Attwood, Konstadinos Abeliotis, Katia Lasaridi

15:30 – 16:00 Coffee Break

16:00 – 18:30 Session 2 — Food Loss and Waste: Monitoring, Prevention & Reduction #2
Chair: C. Beretta and M. Eriksson

16:00 Food Waste Data Reporting to Eurostat 2022: Methodological Challenges and Transparency Issues in EU Member States
Claudia Giordano, Livia Kastner, Rebecca Waterhouse, Mattias Eriksson

16:15 Household food waste monitoring through AI-assisted reporting: comparing photo-based and category-based approaches
Hanna Hartikainen, Inkeri Riipi, Marleena Lonna

16:30 Why measuring field-level food losses matters: evidence of bias and improved estimation methods in fruit production
Maria-Angeles Fernandez-Zamudio, Hector Barco, Felicitas Schneider

16:45 Lessons learned from food waste dynamics in German households before and during the COVID-19 pandemic
Ronja Herzberg, Felicitas Schneider

17:00 The Host's Dilemma: Identity Conflict as a Moderator of Perceived Shortage Risk and Food Over-Preparation [YR]
Mina Mehnati, Ji Lu, Kathleen Kevany

17:15 Beyond Quantification: Advancing Long-Term Food Waste Monitoring in Nursing home [YR]
Zisen Liu

17:30 Impact of an Exhibition on Food Waste Prevention in Schools
Gudrun Obersteiner, Sandra Luck

17:45 Mapping Digital Solutions to Household Food Waste Using Circular Economy Principles: A Scoping Review
Nemo Koning, Mariana Cardoso Chrispim, Berfu Ünal, Marie Mattsson, Pia Ulvenblad

18:00 Food waste is not evenly distributed: Identifying high-impact waste events through long-term quantification across multiple food systems
Pedro Brancoli, Sarath C. Gowd

18:15 Hidden Climate Potential: Food Waste Prevention in EU and National Policy

Frameworks

Pablo Castro-Castrechini, Adriá Burniol, Héctor Barco Cobalea, Berta Vidal-Monés, Raquel Diaz-Ruiz, Claudia Giordano, Gheorghe Cristian Popescu, Luca Falasconi, Federico Tonegatti, Jeanine Ammann

18:30 – 20:00 Tour of the Town — please find your group

HOUSE OF CULTURE ROOM B

08:00 – 09:30 Registration

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12:00 – 12:30 Agri-PV: A View of the Future. Exhibition Session. Please step in our backyard. Supported by PALS

12:30 – 13:30 Lunch Break

13:30 – 15:30 Session 3 — Novel and High Added Value Materials #1 *Chair: T. Zotta and S. Bhattacharya*

13:30 From scraps to wraps: Circular economy pathways for biodegradable plastics via integrated waste biorefineries
Chrysanthi Michelaki, Napoleon Christoforos Stratigakis, Angeliki Maragkaki, Alexis Theodorou, Charis Gryparis, Lisa De Toni, Chrissie Isabella Maria Baltzaki, Thrassyvoulos Manios, Kelly Velonia

13:45 When Food Becomes Heritage Matter: Microbe ecologies, Circular Materials and Sustainable Conservation
Patricia R. Moreira

14:00 Pulsed electric field (PEF) and Ultrasound (US) assisted extraction of bioactive compounds from brewers' spent grain (BSG)

Alexa Perez-Alva, S. Teresita Martín-del-Campo, Riccardo Lazzerini

14:15 APRICOT AND PLUM COLD-PRESSED KERNEL OILS: THERMAL BEHAVIOUR DEPENDENT ON TRIACYLGLYCEROLS NATURE [V]
Ionita Daniela, Cristea Mariana

14:30 Catechin extraction from a by-product of habanero pepper (Capsicum chinense) using green technologies
Yajaira Torruco Ortiz, Manuel Octavio Ramírez Sucre, Kevin Alejandro Avilés Betanzos, Ingrid Mayanin Rodríguez Buenfil

14:45 Valorization of Allium ampeloprasum Propagation Organ (Japanese garlic) Byproducts For Phenolic Compounds Recovery: A Circular Approach [YR]
Ana Montserrat Corona-España, Mario Alberto Garcia-Ramirez, Jorge Iván Delgado-Saucedo, Francisco Misael Gómez-Villegas, Orfil González -Reynoso, Ingrid Mayanin Rodriguez-Buenfil

15:00 Effects of Fermentation Using a Symbiotic Culture of Bacteria and Yeast on the Composition and Bioactivity of Kombucha from Excelsa Coffee Cascara (Coffea liberica var. dewevrei) [V]
Muhammad Yusuf Abduh, Muhammad Fadhilah Akbar, Intan Taufik, Anasya Rahmawati

15:30 - 16:00 Coffee Break

16:00 - 18:30 Session 4 — Novel and High Added Value Materials #2 *Chair: K. Velonia and P.R. Moreira*

16:00 Waste Happens: Converting Local Agro-industrial Byproducts into Fully Biodegradable Materials [YR]
Chrysanthi Michelaki, Napoleon Christoforos Stratigakis, Olga Papadopoulou, Vaia Exarchou, Lisa De Toni, Aggeliki Maragkaki, Thrassyvoulos Manios, Kelly Velonia

16:15 From farm to fork – applications of pectin and cellulose residues across the food industry
Tom Dugmore

16:30 Recovery of β-Carotene Crystal using Green Solvent from Rhodotorulla glutinis isolated from Vegetable Waste [V]
Debarati Paul

16:45 Exploitation of model microbial communities and food wastes for the production of microbial biocellulose
Teresa Zotta, Marilisa Giavalisco, Attilio Matera, Emanuela Lavanga, Federico Lasagni, Maria Gullo, Francesco Genovese

17:00 Sustainable process for microalgal based value added products using fishery wastewater through biorefinery approach [V]
Sourish Bhattacharya

17:15 Defining Fermentation Routes for Brewery-Sugarcane Residue Valorization in Aspergillus oryzae Mycoprotein Production [YR]
Anahid Esparza-Vasquez, Swarnima Agnihotri, Danay Carrillo-Nieves

17:30 Upcycling Agro-Industrial Digestates into Polyhydroxyalkanoates with Cupriavidus necator
Napoleon Christoforos Stratigakis, Chrysanthi Michelaki, Maria Goumenaki, Lisa De Toni, Aggeliki Maragkaki, Thrassyvoulos Manios, Demetrios Ghanotakis, Kelly Velonia

18:30 - 20:00 Tour of the Town — please find your group

Sponsors
Platinum: PALS Power of ALternative Systems Engineering; Dialynas S.A. ΤΕΧΝΟΛΟΓΙΑ ΠΕΡΙΒΑΛΛΟΝΤΟΣ
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Under the auspices: ΔΗΜΟΣ ΡΕΘΥΜΝΗΣ

HOUSE OF CULTURE ROOM C

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12:30 – 13:30 Lunch Break

13:30 – 15:30 Session 5 — Sewage Sludge: Opportunities, Threats and Solutions #1 *Chair: L. Lombardi and A. Maragkaki*

13:30 Sustainable Sewage Sludge Management: Risks, Challenges, and Opportunities in the Circular Economy
Azize Ayol

13:45 Pharmaceutical Residues in Sewage Sludge from Jordan's Largest Wastewater Treatment Plant: Implications for Sustainable Biosolids Management and Circular Economy
Othman Almashaqbeh, Hazem Assi, Anas Khateeb, Sahil Hmidan, Firas Al Khamaiseh

14:00 ENERGY SELF-SUFFICIENCY IN MUNICIPAL SEWAGE SLUDGE PYROLYSIS: A SIMULATION STUDY
Engin Deniz Gülay, Mehmet Utku Öztürk, C. Ozgur Colpan, Azize Ayol

14:15 Co-Composting Dried Activated Sludge and Green Waste in Larnaka District: Practical Challenges in Developing a Safe, Compliant Compost
Charalampos Papanikolaou

14:30 Agricultural Reuse of Sewage Sludge in the Mediterranean Region: A Comparative Review of Current Management Practices

Lidia Lombardi, Carmine Boccia, Angeliki Maragkaki, Thrassyvoulos Manios, Iakovos Iakovides, Pavlos Michael, Hazem Assi, Othman Almashaqbeh, Anas Khateeb, Azize Ayol, Ozgur Colpan, Onur Artan, Sule Eryilmaz, Sezen Altunbas

14:45 Operating the Sewage Sludge Solar Drying and Composting Unit in Rethymno
Dialynas SA

15:00 Integrated Sewage Sludge Management and Energy Recovery in Türkiye: A Circular Economy Perspective
Azize Ayol, Özgün Tezer, Mehmet Utku Öztürk, Engin Deniz Gülay, Can Özgür Çolpan

15:15 Is there really a threat? The Sampling Campaign and its Results
P. Micheal, N. Markakis, A. Maragkaki, C. Bouki, K. Katrini, C. Boccia, A. ElRawy, I. Iakovides, O. Almashaqbeh, H. Assi, W. Al-Dwairi, A. Ayol, O. Artan, L. Lombardi, T. Manios

15:30 – 16:00 Coffee Break

16:00 – 18:30 Session 6 — Wastewater Purification and Reuse *Chair: G. Fekete and J. Roussel*

16:00 Keynote
Gianluigi Buttiglieri

16:15 HIPPOCRATEs: A holistic approach towards onsite hospital wastewater treatment – Luxembourg pilot
Jimmy Roussel, Zuzana Dedova, Delphine Collard, Audrey Lenouvel, Alexandros Litinas, Nikos Papastefanakis, Marcel Klessen

16:30 The CLEAR project in Cyprus
Panagiotis Karanis

16:45 Integrated on-site treatment of hospital wastewater for the removal of emerging micropollutants
Aimilia Stefanatou, Athanasia Iliopoulou, Georgia Gatidou, Fenia Galliou, Thrassyvoulos Manios, Evangelos Karagiannis, Evangelos Pettas, Athanasios Stasinakis, Michail Fountoulakis

17:00 Growth performance of hydroponic crops and assessment of potential food safety risks from light greywater use
Josephine Vosse, Sofia Semitsoglou Tsiapou, Lucia Helena Santos, Lucas Alonso, Esther Mendoza, Joaquim Comas, Gianluigi Buttiglieri

17:15 Waste Water Treatment by novel Core-Shell Photocatalytic materials
G. Kiriakidis, V. Binas, D. Katerinopoulou, A. Stoumpidi, A. Zourou, A. Karagianni, A. Ntziouni, K. Kordatos

17:30 Development of a PFAS-free adaptive biological waste treatment cover membrane product family
György Fekete, Zsolt Varga, Miklós Gulyás, Márk Horváth, Mária Mörtl, Sándor Dér, László Aleksza

17:45 DRIP IRRIGATION EFFICIENCY AND BIOFILM DYNAMICS IN MICRO-IRRIGATION WITH RECLAIMED WASTEWATER AT THE FIELD SCALE [V]
Nassim Ait-Mouheb

18:00 Truths from the Field: Operating the Heraklion Hospital Wastewater Treatment Pilot Unit. Results and Optimisation Proposals within the LIFE-HIPPOCRATES Project
F. Galliou, E. Maragkaki, A. Papadaki, C. Bouki, S. Dokianakis, E. Viskadouraki, M. Dragasaki, G. Markakis, N. Katsarakis, N. Vidakis, I. Daliakopoulos1, T. Manios

18:15 Novel Challenges for Nature-Based Solutions Towards Safe Wastewater Treatment and Reuse
Thrassyvoulos Manios, Ioannis Daliakopoulos, Hans Brix, Pedro Carvalho, Joaquim Comas, Gianluigi Buttiglieri

18:30 – 20:00 Tour of the Town — please find your group

POSTERS ALLEY

13:30 – 15:30 Posters Day 1 *all posters on display for the whole session*

Upcycling durum wheat defatted cake as dry-fractionated ingredient in a snack bar
Antonella Pasqualone, Vittoria Latrofa, Francesca Vurro, Davide De Angelis, Giacomo Squeo, Francesco Caponio

A Decade of Food Waste Quantification in Swedish Schools
Runa Halvarsson

Validation of EU Food Waste Measurement Methods in Primary Production and Processing: Evidence from Poland
Sylwia Łaba, Robert Łaba

The Role of Olives and Olive By-Products in the Mediterranean Diet: Innovative and Functional Food Development Strategies
Esra Capanoglu, Beyza Saricaoglu, Kardelen Sena Kirdi

DEVELOPMENT OF FIBRE-SOURCE MUFFINS USING A BY-PRODUCT FROM THE PLANT-BASED BEVERAGE INDUSTRY.
Melissa Romero, Adriana Gambaro, Tomas Lopez Pedemonte, Ignacio Vieitez

Effect of the dehydration process on antioxidant phenolic content in Pedro Jiménez grape marc flour
Carmen Soto - Maldonado, Boris Arancibia - Antichivichi, Francisca Rojas - Hidalgo, Lida Fuentes -Viveros

Are Food Waste Policies Based on the Right Behaviour? Evidence from Objective Household Waste Measurement in Spain
Tianyu Zhang-Jin, Diego Vidal-Henríquez, Pau Castro Arévalo, Djamel Rahmani, José Maria Gil

Building a harmonised food waste monitoring model for hospitality and food service management: considering economic impacts
Vesa Lampi, Eeva Lehtonen

Development of Antioxidant and Antimicrobial Bioactive Films from Pomegranate Peel: Reinforcement of Pectin and Phenolic Extract in TEMPO-CNF Composites
Faten Mohamed Ibrahim, Eman Abdelsalam, Reda Sayed Mohammed, Ioannis Daliakopoulos, Wedian El-Sayed Ashour, El Habbasha S. F

16:00 – 18:30 Posters Day 1 *all posters on display for the whole session*

Effect of biochar application on greenhouse gas emissions in a longterm field experiment
Ján Horák, Dušan Igaz, Viliam Bárek

Sewage Sludge Composting and Solar Drying Plants in Crete
Michaelis Velivasakis, Dr. Emmanuel Dialynas

Effect of Organic Matter from Energy Recovery Processes on Soil Water Retention Characteristics: A Field-Scale Assessment of Digestate and Biochar Applications
Dusan Igaz, Jan Horak, Viliam Barek

Factors determining the adoption of sustainable land use innovations in agriculture
Elina Dace

Agitation optimization in submerged fermentations of Tuber mesentericum truffle for high-quality fungal protein production
Ilias Diamantis, Isabelle Chevallot, Dimitrios Giotis, Dimitris Karayannis, Seraphim Papanikolaou, Panagiota Diamantopoulou

The use of probiotic bacteria to inhibit Staphylococcus aureus in brined white cheese
Murad A Al-Holy, Rnad Haddad

Extraction of pectic oligosaccharides from industrial food waste and investigation of

their prebiotic activity

Emine Gizem Acar, Derya Kahveci

Investigating growth and safety for food production of the Cretan herb Origanum dictamnus on an urban green roof

Aikaterini Nikolaos Martini, Maria Papafotiou, Ioannis Massas, Nikoleta Chorianopoulou

Technical Configuration of Main Units, Costs, Requirements and Limitations: Lessons Learned

Emmanouela Maragkaki, Angeliki Maragkaki, Vasiliki Lolou, Georgios Daskalakis, Lidia Lombardi, María del Rosario Rodero Raya, Raúl Muñoz Torre, Afroditi Lazari, Sevi Saxioni, Kyriaki Karakitsou, Theofanis Lolos, Christos Tsompanidis, Thrassyvoulos Manios

Effect of Mechanical Recycling of Pla Water Bottles on their Technological Properties and Compostability

Carol López de Dicastillo

Biological, Enzymatic, and Anaerobic Pretreatment of Cheese Whey for PHA Production by Cupriavidus necator

Maria Goumenaki, Napoleon Christoforos Stratigakis, Chrysanthi Michelaki, Lisa De Toni, Aggeliki Maragkaki, Thrassyvoulos Manios, Kelly Velonia, Demetrios Ghanotakis

Thursday, 17 September 2026

NERADJE MOSQUE ROOM A

08:30 - 09:00 Registration

09:00 - 11:00 Session 7 — Food Loss and Waste: Monitoring, Prevention & Reduction #3
Chair: C. Giordano and F. Schneider

09:00 Behaviour Change Interventions for Food Waste Reduction at the Retailer-Consumer Nexus
Sophie Attwood

09:15 An edge to cloud platform for data-driven monitoring and predictive analytics of municipal waste collection
Christos Panagiotou, Dimitris Karadimas, Katerina S. Karadima

09:30 Gleaning as a tool to shed light on food losses: a five-year quantitative and qualitative study in Catalonia.
Pablo Castro-Castrechini, Giulia Gallo, Héctor Barco Cobalea, Berta Vidal-Monés, Raquel Díaz-Ruiz

09:45 From Data to Action: Reducing Food Waste and Improving Well-being in Elderly Care
Niina Sundin, Runa Halvarsson, Mattias Eriksson

10:00 From Food Waste to Food Citizenship via Food Ethics - A Cross-Country Analysis
Ioana Mihaela Balan, Teodor Ioan Trasca, Nicoleta Mateoc-Sirb

10:15 Differences in food waste between households with and without children
Margit Närvä, Jarmo Alarinta, Gun Wirtanen

10:30 Food waste in school catering in Austria
Gudrun Obersteiner, Sandra Luck, Reinhold Ottner, Elisabeth Schmied

10:45 Motivational interviewing to reduce household food waste
Marleena Lonna, Hanna Hartikainen, Inkeri Riipi

11:00 - 11:30 Coffee Break

11:30 - 13:15 Session 8 — Food Loss and Waste: Monitoring, Prevention & Reduction #4
Chair: S.C. Gowd and X. Ona Serrano

11:30 Food waste patterns across households: Does dietary choice matter? [YR]
Amanda Sjölund, Ylva Ran, Fiona Lambe, Mattias Eriksson, Christopher Malefors

11:45 Explaining Household Leftover Reuse Behaviours through the COM-B Framework: Implications for Food Waste Reduction [YR]
Chuyao Kuang, Gulbanu Kaptan, Romain Crastes dit Sourd

12:00 Analysis of Peak Food Waste Events in Households Using Smart Bins and Qualitative Interviews [YR]
Samira Syed, Sarath C. Gowd, Pedro Brancoli

12:15 Understanding Household Readiness for Separate Bio-waste Collection in Hungary: A Segmentation-Based Approach [YR]
Atilla Kunszabó, Miklós Süth, Dávid Szakos, Gyula Kasza

12:30 Food waste prevention in public catering: How are interventions evaluated? Findings from a rapid review

Runa Halvarsson, Ylva Ran, Mattias Eriksson, Niina Sundin, Livia Kastner, Christopher Malefors

12:45 Innovation Business Observatory (IBO): Supporting the Evolution of Crete's Regional Innovation Ecosystem
Christos Bilios

13:00 Counting the Peel: The EU FW Prevention Target asks more than it states - is it reachable?
Lasaridi Katia

13:15 – 14:15 Lunch Break

14:15 – 16:30 Session 9 — Food Loss and Waste: Monitoring, Prevention & Reduction #5
Chair: S. Attwood and I.M. Balan

14:15 Characterisation of food waste generation in retail markets in Quito, Ecuador: Efficiency and composition analysis for circular management
Xavier Oña-Serrano, Oswaldo Viteri-Salazar

14:30 Raising awareness through actions and collaborations for household food waste prevention and reduction in Greece
Iolanthi Anna Drositi, Epistimi Amerani, Anthia Matsakidou, Anastasios Michailidis, Victoria F. Samanidou, Natasa P. Kalogiouri, Pavlos Voutsas, Pavlos Toukiloglou, Stelios Xinogalos, Adamantini Paraskevopoulou

14:45 Household Food Waste and Associated Greenhouse Gas Emissions in Five European Countries: Evidence from the Horizon Europe CARE Project
Silvia Schütz, Gudrun Obersteiner

15:00 Understanding hospital food waste through system dynamics: evidence from a full-system direct weighing study [YR]
Tianyu Zhang-Jin, Djamel Rahmani, José Maria Gil

15:15 Strengthening EU Energy and Climate Policies Through Integration of Food Waste using Multi-Stakeholder Engagement
Gheorghe Cristian Popescu, Monica Popescu, Héctor Barco Cobalea, Berta Vidal-Mones, Claudia Giordano, Luca Falasconi, Federico Tonegatti, Clara Cicatiello, Roberta Pietrangeli, Juha-Matti Katajajuuri, Rödiger Manika, Jeanine Ammann, Niina Sundin, Mattias Eriksson

15:30 Household leftovers beyond the bin: companion animal feeding practices and food waste prevention among Hungarian dog owners [YR]
Annamária Dorkó, Gyula Kasza, Dávid Szakos, Atilla Kunszabó, Adél Terézia Nyilas

15:45 Guidelines for Organic Waste Management in the Middle East and North Africa (MENA) Region
Haniyeh Jalalipour, Hani Abu-Qdais, Sherien Elagroudy, Abdallah Nassour

16:00 From everyday life to carbon footprint: Digital tool and first household surveys for climate-friendly consumption
Elisabeth Schmied

16:15 Food Loss Hidden Burdens: Assessing International Trade-Related Food Loss Environmental Implications [YR]
Noa Biran Braverman, Michael Dorman, Meidad Kissinger

16:30 – 17:00 Coffee Break

17:00 – 19:00 Speed Dating Event — Get to Know Other People #1 - Room B

19:30 – 22:00 Gala Dinner — Erofili Theatre, Rethymno Fortress — “Have I Got Waste for

You" game

HOUSE OF CULTURE ROOM B

08:30 - 09:00 Registration

09:00 - 11:00 Session 10 — Alternative Food and Feed #1 *Chair: B. Shahar and M.T. Capucchio*

09:00 Alternative foods & feeds for a more sustainable, fair & resilient food system
Ayse Yarali Paisios

09:15 Valorisation of apple pomace seed oil: Effect of the use of pulsed electric fields on oil recovery and oil functional properties.
Giada Emanuele, Cielo Perez Tuesta, Sandra Teresita Martín-del-Campo

09:30 Circular valorization of mediterranean olive by-products for feed, functional additives, sustainable packaging and biogas
M. Jimenez Serrano, R. Sorayani Bafgi, L. Gasco, A. Athanassiou, S. Bavaro, Z. Cherifi, B. Hamdani, C. Garces Narro, J. de la Osada Garcia, S. Hesamoddin Bidooki, E. Ivanova Stojcheva, F. Alegre Sasian, C. Athanassiou, P. Soulioti, A. Paraskevopoulou, A. Matsakidou, E. A. Hayouni, E. Ben Boubaker, S.M. Ceylan, T. Z. Keskin, B. Yurdakok-Dikmen, M.T. Capucchio

09:45 From Pumpkin Processing By-Products to Novel Beverages: Sensory Profiling of Fermented Pumpkin–Apple Drinks Using the RATA Method
Biljana Cvetković, Aleksandra Bajić, Nikola Maravić, Tea Sedlar, Danka Dragojlović, Ana Varga

10:00 Development of Functional Foods Enriched with Microencapsulated Habanero Pepper Leaf Extract and their Bioaccessibility Assessment
Kevin Avilés-Betanzos, Manuel Ramírez-Sucre, Marisela González-Ávila, Eduardo Padilla-Camberos, Juan Cauich-Rodríguez, Ingrid Rodríguez-Buenfil

10:15 Feasibility of producing a treated mixed human food waste feed ingredient for the pig industry
Valeria Torok, Bryony Tucker, Kat Heinrich, Mark Rawson, Kristian Le Gallou, Minerva Bailey, David Henman, Reza Barekatain, John R. Pluske

10:30 Bioactive Polymer Membranes for Protein Recovery from Microalgae
Tim Schreiber, Martin Schmidt, Alexia Poidevin, Konrad Leopold, Estelle Couallier, Agnes Schulze

10:45 Beyond Quality Characterisation: Initial Results on the Evaluation of the Nutritional Value and Valorisation of Solar-Dried Agro-Industrial By-Products as Alternative Feed Ingredients within LIFE-INOFEED
Eleftherios Stefanakis, Stefanakis Alexandros, Panagiannakis Georgios, Neonaki Marina, Ftylaki Aikaterini, Kaliafentakis Konstantinos, Mastrogiannakis Georgios, Steiakaki Kyriaki, I. Daliakopoulos, F. Galliou

11:00 - 11:30 Coffee Break

11:30 - 13:15 Session 11 — Alternative Food and Feed #2 *Chair: A. Schulze and I.N. Daliakopoulos*

11:30 Sustainable NADES-Based Extraction of Bioactive Compounds from Coccoloba uvifera: Elucidating the Potential of a Coastal Resource for Functional Foods [YR]
Andrea Elizabeth Mendoza-Osorno, Kevin Alejandro Avilés-Betanzos, Juan Valerio Cauich-Rodríguez, Georgina Coral Sandoval-Fabián, Manuel Octavio Ramírez-Sucre, Ingrid Mayanin Rodríguez-Buenfil

11:45 Turning food waste and agrifood residues into animal feed ingredients and organic fertilizer using insects – A Greek pilot
Ayse Yarali Paisios, Amalia Anthousi, Emmanouil Paisios

12:00 Evaluating the Environmental Impact of Tenebrio Molitor as a Sustainable

Protein Alternative in Porcine Diets
Styliani Konstantinidi, Anna Vatsanidou

12:15 Flavonoid-rich extracts from bitter orange industrialisation by-products with Sustainable green tech: NADES/UAE extraction [YR]
Anahí López Martínez, Kevin Alejandro Avilés Betanzos, Manuel Octavio Ramírez Sucre, Ingrid Mayanin Rodríguez Buenfil

12:30 Alternative protein sources and strategic approaches to sustainable production in Portugal: A review [YR] [V]
Diana Costa, Davide Tagliazuchi, Carlos Dias Pereira, Marta Henriques

12:45 From Field to Feed: HMU's Experiments on Solar-Assisted Drying and Ensiling of Rye in the NUTRIFEEDS Project
F. Galliou, A. Papadaki, K. Katrini, N. Markakis, I. Christoforakis, C. Moschou, T. Manios

13:00 Submerged Fermentation of Local Edible Fungal Mycelium as a Sustainable Protein Source
Ben Shahar, Lena Rotaman, Amiel Sharchaton, Eyal Kurzbaum

13:15 – 14:15 Lunch Break

14:15 – 16:30 Session 12 — Alternative Food and Feed #3
Chair: A. Yarali Paisios and N. Muller

14:15 From waste to resource: pomegranate by-products valorisation with native Hanseniaspora valbyensis for functional food design [V]
John P. Morrissey, Maria Calasso, Maria De Angelis, Fabio Minervini

14:30 Circular Valorisation of Freshwater Fish Processing Side-Streams into Child- and Adult-Accepted Food Products: From School Catering to Retail Markets
Jan Mráz, Věra Adámková, Magdalena Marešová, Jan Hora, Zdeněk Fuka

14:45 Exploring the utilisation of food waste to create a circular economy in poultry production [V]
Rebel Northey, Thi Hiep Dao, Amy Moss

15:00 Circular Solutions Through Insect Bioconversion: Advancing Sustainable Waste Management
Christos G. Athanassiou, Panagiota Soulioti, Christina Adamaki-Sotiraki, Georgia V. Baliota, Theodora Isavella Gogou, Marianna Rigopoulou, Sofronios Zafeiriadis, Marina Gourgouta, Christos I. Rumbos

15:15 Turning Side Streams into Value: Technological Insights, Challenges and Practical Examples [V]
Ivana Salvatore, Claudio Beretta, Evelyne Kirchsteiger-Meier, Corinna Bolliger, Matthias Stucki, Nadina Müller

15:30 Energy Balance of Solar-Assisted Bio-Waste Drying in Autonomous On-Site Drying Units (AOSDUs): Experimental Results and Scale-Up Projections for the LIFE-INOFEED Project
I. Grammatikakis, G. Daskalakis, G. Grammatikakis, I. Christoforakis, C, Moschou, C. Bouki, M. Theodorakopoulou

15:45 Solar-Dried Agricultural and Agro-Industrial Wastes as Alternative Feed Ingredients: A Quality Assessment within the LIFE-INOFEED Project
I. Daliakopoulos, A. Sapounas, E. Alyssandrakis, E. Roditakis, M. Sfakiotakis, V. Tzanakakis, F. Galliou

16:00 Low-Cost Ceramic Membranes from Fuller's Earth Clay and Sugarcane Bagasse Ash: Fabrication, Characterization, and Microfiltration Performance [V]
SATISH KUMAR KOLLURU, Dr. VINOTH KUMAR RAJA

16:30 – 17:00 Coffee Break

17:00 - 19:00 Speed Dating Event — Get to Know Other People #1 - Room B

19:30 - 22:00 Gala Dinner — Erofili Theatre, Rethymno Fortress — "Have I Got Waste for You" game

HOUSE OF CULTURE ROOM C

08:30 - 09:00 Registration

09:00 - 11:00 Session 13 — Compost, Alternative Nutrients, Farming Systems, Post Harvest and Information Technologies #1 *Chair: A. Martini and M. Gulyas*

09:00 Alternative Materials for Sustainable Floriculture: From Waste to Resource and from Linear to Circular Production
Aikaterini Nikolaos Martini

09:15 Grape Pomace Is Not Waste: Unlocking Hidden Value in a Circular Wine Economy
Réka Matolcsi, Csaba Oláh

09:30 Transforming Aquaculture Sludge into Commercial Fertiliser Products: Economic and Agronomic Validation
Radek Gebauer, Anil Axel Tellbüscher, Pavel Franta, Azeez Ewumi Folorunso, Koushik Roy, Jan Mráz

09:45 A green roof with agricultural cultivation and "agrovoltaics" system in a desert area and its environmental, economic, agricultural, and energy contributions.
Prof Shabtai Isaac, Dr. Oz Kira

10:00 Synergy of Nano-sulfur and Organic Matter in Enhancing the Efficiency of Urea Fertilizers
Miklós Gulyás, Abdulrahman Maina Zubairu, Csaba Tamás, Anita Takács, Norbert Boros

10:15 Sat4Φorest: Mapping and monitoring of Greek forests for the Greek National Satellite Space Project
Charalampos Kontoes, Ioannis Gitas, Dimitris Stavrakoudis, Vasiliki Betty Charalampopoulou, Dimitris Bliziotis, Christina Karakizi, Ana-Sofia Oliveira, Ariane Muting, Alkyoni Baglatzi, Georgia Galidaki, Dimitris Sykas

10:30 A Universal Photonic Time–Temperature Indicator (TTI) with Programmable Irreversible Color Transitions for Smart Cold Chain Monitoring [V]
Suraj Payyadakkath, Ayushi Vaishya, Sachin R. Chaudhari, Aashitosh Ashok Inamdar, Rajeshwar S. Matche

10:45 Towards Circular Controlled Environment Agriculture: A Living Lab Framework for Integrating Water, Energy and Nutrient Management
Dimitris Papadimitriou

11:00 - 11:30 Coffee Break

11:30 - 13:15 Session 14 — Compost, Alternative Nutrients, Farming Systems, Post Harvest and Information Technologies #2 *Chair: D. Papadimitriou and M. Toleikiene*

11:30 Evaluation of locally produced composts in sustainable greenhouse cultivation of potted medicinal aromatic plants
Aikaterini Nikolaos Martini, Penelope Petridou, Nikolaos Markakis, Dimitrios Papadimitriou, Ioannis Sabathianakis

11:45 Synergistic Effects of Nano-Sulfur and Animal Protein-Based Urea Coatings on crop performance
Csaba Tamás, Abdulrahman Maina Zubairu, Anita Takács, Anna Boglárka Dálnoki, Norbert Boros, Miklós Gulyás

12:00 Xochimilco: chinampas, pre-Hispanic knowledge and agroecological practices in Mexico City.
Barbara Mezly Ulloa Caballero

12:15 Lignocellulolytic fungi and bacteria for the sustainable valorization of mediterranean organic waste biomasses
Morgana Monte, Livio Torta, Marika Lamendola, Sofia Maria Muscarella, Roberto Cannella, Antonio Alfonso, Carlotta Conigliaro, Giulio Perricone, Davide Alongi, Claudio De Pasquale

12:30 Microbial-assisted Fe and Zn biofortification of tomato grown in vermicompost-amended gypsiferous soil
Morgana Monte, Livio Torta, Marika Lamendola, Sofia Maria Muscarella, Vito Armando Laudicina, Patrizia Bella, Claudio De Pasquale

12:45 Synthesis and Effect of Double-Coated Urea with Nano-Sulfur and Organic Material on N_2O Emissions [V]
Abdulrahman Maina Zubairu, János Balogh, Csaba Tamás, Norbert Boros, Anna Boglárka Dálnoki, Miklós Gulyás

13:00 HORIZON-MISS-2022-OCEAN-01-03: Mediterranean Sea basin lighthouse - Actions to prevent, minimize and remediate chemical pollution (iMERMAID). Use case 5: Demonstration of innovative solutions for the removal of organic contaminants from landfill leachate.
Kalliopi Bormpoudaki

13:15 – 14:15 Lunch Break

14:15 – 16:30 Session 15 — Compost, Alternative Nutrients, Farming Systems, Post Harvest and Information Technologies #3 *Chair: C. De Pasquale and B. Caballero*

14:15 Advancing Circular Economy through the LIFE-IP CEI-Greece Project: Local and Regional Alliances for Sustainable Agri-Food Waste Management
MARIA CHR. TSAKONA

14:30 Innovative Responsive Delivery System for Improving Safety and Shelf Life of Minimally Processed Packaged Fruit Salad
Patricia Esteve-Redondo, Ernest Simó-Ramírez, Rafa Gavara, Pilar Hernández-Muñoz

14:45 Beyond Conventional Green Walls: A Modular Nature-Based Solution Framework for Climate-Resilient Cities
Dimitris Papadimitriou, Ioannis Daliakopoulos, Christos Kapolas, Styliani Kasotaki, Ioannis Kritikakis, Christina E. Moschou, Aikaterini Katrini, Thrassyvoulos Manios, Ioannis Grammatikakis

15:00 Coastal Indigenous Legume Varieties as Alternative Protein Sources: An Agroecological and Product Development Perspective in South Africa
Xolile Mkhize

15:15 Tracking Spoilage and Foodborne Pathogenic Bacteria in Refrigerated Milk, Chicken, and Lettuce Using Full-Length 16S rRNA Sequencing [V]
Jane Kelleghan, Leonard Koolman, Catherine M Burgess, Paul Whyte, Declan Bolton

15:30 Quadruple Business Model Canvas for Twin Green and Digital Transitions: Integrating Environmental, Social, Digital, and Economic Value in Food & Beverage Sector [V]
Burcu Kör

15:45 The Policy-Cost Gap in Sustainable Food Transitions: Public Support, Affordability and Farm-to-Fork Policy in Europe [V]
Theofanis Zacharatos, Pierdomenico Duttilo

16:00 Isotopic nitrogen and carbon allocation in soybean for optimizing food yield and

minimizing post-harvest waste via bacterial symbiosis
Monika Toleikiene, Raminta Skipityte

16:30 – 17:00 Coffee Break

17:00 – 19:00 Speed Dating Event — Get to Know Other People #1 - Room B

19:30 – 22:00 Gala Dinner — Erofili Theatre, Rethymno Fortress — "Have I Got Waste for You" game

POSTERS ALLEY

09:00 – 11:00 Posters Day 2 *all posters on display for the whole session*

Ionizing Radiation-Assisted Bioconversion of Chicken Feather Waste into Bioactive Peptides via Bacillus velezensis P45 Fermentation
Marco Sinche-Serra, Adriano Brandelli, Naiara Jacinta Clerici, Edwin Vera-Calle, Paul Vargas-Jentzsch

Impact of Dietary Macronutrient and Lipid Composition on the Fatty Acid Profile of Black Soldier Fly Larvae
Cheuk Ming Li, Muhammad Yusuf Abduh, Ákos Kenéz

Policies on primary production food loss: How do regions adapt to European and national frameworks?
Beatriz Virginia Rodriguez Santos, Héctor Barco Cobalea

Single-cell biomass production by Rhodosporidium toruloides growing on crude glycerol with process water being partially replaced by olive-mill wastewaters
Seraphim Papanikolaou, Georgia Aleiferi, Ourania Kalantzi, Dimitris Sarris, Rosanina Filippousi, Panagiota Diamantopoulou

Comparative evaluation of protein and bioactive compounds in Ganoderma fruiting body and mycelium
Panagiota Diamantopoulou, Ilias Diamantis, Seraphim Papanikolaou

Valorization of Whey Permeate by Filamentous Fungi to Produce Valuable Mycoproducts
V. Samioti, K. Bencomo-Garcia, I. Kantzias, S. Vlachou, G. Vasilakis, S. Papanikolaou, P. Diamantopoulou, G. Bekiaris

Integrating Peanut, Soybean, and Sweet Potato for a Holistic approach to Combating Malnutrition
Yohannes Gelaye, and Prof., Huaiyong Luo

Fatty Acid Profile of Ethanolic Extracts of Octopus maya By-products: effect of UAE and processing
Aguilar-González, Daniela, Cauich-Rodríguez, Juan, Rodríguez-Buenfil, Ingrid, Ramirez-Sucre, Manuel

Microbiological and Chemical Risk Assessment of Treated Domestic Wastewater Reuse for Irrigation in Hotel Facilities: A Case Study
Matthaios Kavvalakis, Sofia Tiraki, Evangelia Galanaki, Dimitris Terzakis, Martha Panagiotopoulou, Yannis Dialynas, Emmanuel Dialynas

11:30 – 13:15 Posters Day 2 *all posters on display for the whole session*

Comparative Energy Consumption and Environmental Footprint Assessment of Wastewater Treatment Systems: Literature-Based Benchmarking vs. ADVANTEX Technology
Matthaios Kavvalakis, Eleni Katseli, Anastasia Kritsotaki, Dimitris Daskalakis, Vasilis Amargianitakis, Yannis Dialynas,

Emmanuel Dialynas

Beyond Effort: Food-Management Practices as Enablers of Household Food Waste Prevention [V]
Theofanis Zacharatos, Prokopis Theodoridis

The effect of fermentation on the anti-inflammatory activities exerted by olives in LPS-stimulated RAW264.7 macrophages
Francesca Giampieri

Alkali-catalyzed organosolv treatment for wheat straw harnessing as a bioresource of hydroxycinnamate antioxidants
Elif Nur Dilbirliği, Yataghene Mohamed Mehdi, Spyros Grigorakis, Dimitris P. Makris

Experimental investigation of novel phase change composites based on utilization of waste pork fat and thermal paste
Ivan Čorić, Sandro Nižetić, Mišo Jurčević, Jelena Bošnjak Hordov, Duje Čoko

Techno-Functional and Bioactive Potential of Celery Pomace Flour Produced from Juice Industry By-Products
Darko Micić, Stanislava Gorjanović, Ferenc Pastor, Jelena Kukić Marković, Margarita Dodevska, Snežana Zlatanović

From Celery Pomace to Functional Snack: Development of Corn Tortilla Chips with Celery Pomace
Snežana Zlatanović, Nikola Tomić, Miroslav Hadnađev, Margarita Dodevska, Darko Micić, Stanislava Gorjanović

Sustainable Food Awareness Network (S-FAN): Study design and Preliminary results on household food waste
George Panoutsopoulos, Andrea Paola Rojas, Paraskevi Detopoulou, Milia Tzoutzou, Ioanna Ravani, Panagiotis Lygouris, Stefanos Sorros

TRANSFORMING OLIVE LEAF BY-PRODUCTS INTO STABLE FUNCTIONAL INGREDIENTS: OPTIMIZATION AND CHARACTERIZATION [V]
CARLOS ABELLÁN-DIÉGUEZ, SILVIA RODRIGO GALLEGO, FRANCISCO JAVIER LEYVA-JIMÉNEZ, M. ELENA ALAÑÓN

14:15 – 16:30 Posters Day 2 *all posters on display for the whole session*

Valorisation of Apple Pomace Pectin Through Tailored Acid Hydrolysis: Structural Characterisation and Application in Gummy Candies
Ali Kozlu, Diana Karina Baigts-Allende, Alexa Pérez Alva, Cielo Yamileth Perez Tuesta, Teresita Martín del Campo

OPTIMIZATION OF LIPOSOMAL NANOENCAPSULATION OF WINEMAKING BY-PRODUCT EXTRACTS FOR SUSTAINABLE TOPICAL APPLICATIONS
Silvia Rodrigo Gallego, Carlos Abellán-Diéguez, Francisco Javier Leyva-Jiménez, M. Elena Alañón

Valorization of Apple Pomace in Corn Tortilla Chips Produced Under Industrial Conditions
Stanislava Gorjanović, Nikola Tomić, Miroslav Hadnađev, Margarita Dodevska, Darko Micić, Snežana Zlatanović

Integrated valorisation of saline wastewaters in a circular context
Elina Dace

Optimising Nutrient and Water Use Efficiency in Hydroponic and Aquaponic Systems: Recent Advances across Functional and Horticultural Crops
Dimitris Papadimitriou

Prickly pear seeds flour and adjunct lactobacilli enhance antioxidant and functional properties of fermented milk beverages [V]
Rosangela Limongelli, Alessia Lisi, Giusy Rita Caponio, Grazia Tamma, Ilenia Ceglie, Federica Volontè, Maria De Angelis, Fabio Minervini

Brewers' Spent Grain Protein as a Novel Pickering Emulsion Stabilizer
Bakht Ramin Shah, Alexa Pérez Alva, Kor Bercem Hazal

From Food Waste Prevention to Surplus Food Redistribution: The SYDNA Project in South Attica, Greece

Lasaridi Katia, Fortatos Stathis, Boikou Konstantina, Bobotas Agorakis, Chroni Christina, Abeliots Konstantinos

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Under the auspices: Δήμος Ρεθύμνης

Friday, 18 September 2026

NERADJE MOSQUE ROOM A

09:00 – 11:00 Wake Up Late Coffee — with Speed Dating Event #2

09:30 Speed Dating Event — Get to Know Other People #2

10:30 Agri-PV: A View of the Future. Exhibition Session. Please step in our backyard. Supported by PALS

11:00 – 13:15 Session 16 — Food Loss and Waste: Monitoring, Prevention & Reduction #6
Chair: K. Bolton and S. Schutz

11:00 Understanding food waste generation patterns in Swedish schools through long-term monitoring using smart bin [V]
Sarath C. Gowd, Rahul Saini, Pedro Brancoli

11:15 Distribution of food waste across the stages of the supply chain – the case of greenhouse cucumbers and tomatoes
Inkeri Riipi, Hanna Hartikainen, Anna-Kaisa Jaakkonen, Johannes Rajala

11:30 Towards an AI-based smart bin to measure food waste
Kim Bolton, Sarath C. Gowd, Zisen Liu, Samira Syed, Rahul Saini, Kavitha Chelakara Satyanarayana, Ashok K. Chaitanya Koppisetty, Magnus Bengtsson, Kamran Rousta, Pedro Brancoli

11:45 From policy rhetoric to Quadruple Helix stakeholder realities: PEST barriers to open innovation in regional food systems [V]
Albina Dioba, Anna Schmid, Angelos Stamos, Efthymios Altsitsiadis, Isabel Froes

12:00 Behavioural and Spatial Influences on Surplus Food Absorption in Digital Redistribution Platforms
Vera Miguéis

12:15 Ugly but Tasty? Assessing Italian consumers' acceptance of fruit and vegetable suboptimal products
Roberta Pietrangeli, Eleonora Sofia Rossi, Sara Sansoni, Clara Cicatiello

12:30 Mapping Industrial Food Side Streams and By-Products in Sweden: Moving Beyond Aggregated Industrial Statistics
Joar Stephansson, Rebecca Waterhouse, Louise Bartek, Niina Sundin, Jiechen Wu, Michael Martin, Francisco Javier Vilaplana Domingo, Mattias Eriksson

12:45 Household Food Waste as Technical Inefficiency: A Latent Class Stochastic Frontier Analysis Using Physical Measurements from Spain
Diego Vidal-Henriquez, Juan Cabas-Monje, José María Gil

13:15 – 14:00 Lunch Break

14:00 – 16:00 Session 17 — Food Loss and Waste: Monitoring, Prevention & Reduction #7
Chair: S. Schutz and E. Sigala

14:00 Virulence Characterization of Meatborne Escherichia coli and antimicrobial efficiency of Essential Oils for Food Waste Reduction Strategies [V]
Catalina-Elena Constantin, Carmen Curuțiu, Alina Maria Holban

14:15 Closing data gaps in national food waste measurement: a multi-source framework across the food supply chain in Greece
K. Boikou, E.G. Sigala, S. Fortatos, K. Synani, C. Chroni, K. Abeliotis, K. Lasaridi

14:30 Guns, Butter and Bins: Food Waste Policy in an Age of Defence and Deregulation
Felicitas Schneider, Gudrun Obersteiner, Christian Popescu, Hector Barco Cobalea, Mattias Eriksson - Moderator: Katia Lasaridi

16:00 – 16:30 Closing Session ROOM A

16:30 – 17:00 Coffee Break — one for the road

HOUSE OF CULTURE ROOM B

09:00 – 11:00 Wake Up Late Coffee — with Speed Dating Event #2

09:30 Speed Dating Event — Get to Know Other People #2

10:30 Agri-PV: A View of the Future. Exhibition Session. Please step in our backyard. Supported by PALS

11:00 – 13:16 Session 18 — Anaerobic Digestion and Other Energy Utilisation Technologies #1 *Chair: C. Boccia and A. Maragkaki*

11:00 Keynote
Michalis Fountoulakis

11:15 Production of biodiesel-range compounds via fast pyrolysis of lipid-rich biomass
Sanjeev Yadav

11:30 Sustainability analysis of converting grain dryers to agricultural by-product firing as a natural gas alternative
Gábor Géczi, György Fekete, Tibor Vojtela, Anita Takács, Anna Boglárka Dálnoki, András Sebők, Zsolt Varga, László Kardos, István Oldal

11:45 What a Wonderful Waste
Ana Ramos

12:00 Modelling of a Steam Fluidized Bed Gasifier for Organic Waste Valorisation within the LIFE-W2B Project
Thrassyvoulos Manios, Lidia Lombardi, Carmine Boccia, Angeliki Maragkaki, Emmanouela Maragkaki, Georgios Daskalakis, Theofilos Kamperidis, Raul Muñoz, Andriana Lazari, Sevi Saxioni, Kyriaki Karakitsou, Theofanis Lolos, Christos Tsompanidis

12:15 CIRCULAR PATHWAYS TO FOOD AND BIOENERGY FROM FRUIT AND AGRO-INDUSTRIAL BIOWASTE
Margarida Moldão, Diana Santos, André Azevedo, Elizabeth Duarte, Vitor Alves, Marta Abreu

12:30 The DigeStar Project: Innovative Materials and Methodologies for Upgrading and Valorizing Anaerobic Digestate
A. Totsidis, T. Tsiotas, A. Maragkaki, M. Markoulidakis, M. Spantidaki, A. Lagouvardou-Spantidaki, P. Karanastasis

12:45 Enhancing Biohydrogen and VFA Production from Cheese Whey: Effects of Temperature and Co-digestion with Organic Waste
A. Kastigaki, A. Maragkaki, E. Maragkaki, N. Markakis, G. Aggelaki, T. Manios

13:00 Peptidomic profiling of collagen hydrolysates derived from ultrasound-treated chicken skin and head-feet blends
Judy Lalthanmawii, Rameshwar G. Kukade, Rituparna Banerjee, Naveena B. Maheswarappa, Prasad M. Govindaiah, Arup Ratan Sen

13:15 – 14:00 Lunch Break

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14:00 - 16:00 Session 19 — Anaerobic Digestion and Other Energy Utilisation Technologies #2 *Chair: A. Ramos and M. Fountoulakis*

14:00 Parametric Investigation of Fast Pyrolysis of Cotton Stalk: Influence of Carrier Gas Flow Rate and Biomass Loading on Product Yield
Mukul Agrawal

14:15 Design of a Modular On-Site Anaerobic Digestion and Composting System for Organic Waste Valorisation: The COMBINE Project
Emmanouela Maragkaki, Vasiliki Lolou, Manolis Dialynas, Ioannis Mavrogiannis, Theofanis Lolos, Christos Tsompanidis

14:30 Comparative Evaluation of Carbonaceous Additives for Enhancing Methane Production
A. Maragkaki, E. Maragkaki, G. Daskalakis, V. Lolou, L. Lombardi, M.R. Rodero, R. Munoz, A. Lazari, S. Saxioni, K. Karakitsou, T. Lolos, C. Tsompanidis, G. Louloudakis, D. Papadimitriou, T. Manios

14:45 Round Table #3 — Is Biomethane the Only Viable Way Forward?
M. Fountoulakis, A. Totsidis, C. Boccia and A. Ramos

16:00 - 16:30 Closing Session ROOM A

16:30 - 17:00 Coffee Break — one for the road

HOUSE OF CULTURE ROOM C

09:00 - 11:00 Wake Up Late Coffee — with Speed Dating Event #2

09:30 Speed Dating Event — Get to Know Other People #2

10:30 Agri-PV: A View of the Future. Exhibition Session. Please step in our backyard. Supported by PALS

11:00 - 13:15 Session 20 — Life Cycle Assessment and Social LCA *Chair: K. Abeliotis and C. Beretta*

11:00 From Evidence to Action: LCA to Prioritise Food Waste Prevention Actions Across the Supply Chain
Konstadinos Abeliotis

11:15 Hospital meals as a major cause of food waste and associated carbon footprint: evidence from a prospective study in a Greek Public Hospital [YR]
Dimitrios Karayiannis, Alexandra Gkeli, Panagiotis Skandamis, Kalliopi Anna Poulia, Maria Chatzipavlou

11:30 A Nutritional Life Cycle Assessment Framework for Evaluating Food Loss and Waste, and Sidestreams in European Supply Chains
Silvia Zingale, Manika Rödiger, Clara Payro, Mara Petruzzelli, Kim Lindfors, Venla Kyttä, Hanna Hartikainen, Niina Sundin, Thomas Nemecek

11:45 Green Public Procurement Strategies of Vending Machine Systems at the Polytechnic University of Milan
Nicolas Bertoldo, Manuel Bonanomi, Giovanni Dotelli

12:00 Life cycle assessment of humic acid extraction from digestate: comparing conventional, ultrasound-assisted, and ultrasound-microwave pathways
Daniel T. Burke, Avinash Chauhan, Shon George Shiju, Gaurav Rajauria, Anushree Priyadarshini

12:15 Towards an Integrated Life Cycle Sustainability Assessment Framework for Small-Scale Alpine Biorefineries Based on Agricultural Side Streams [V]
Franziska Huber, Christine Vallaster, Anna Schliesselberger, Eva Lienbacher

12:30 From Side Stream to Sustainable Food Products: Life Cycle Insights from Chocolate and Granola
Claudio Beretta, Nadina Müller, Ivana Salvatore

12:45 From Commitments to Climate Impact: Are Current NDCs Enough to Deliver Substantial Methane Reductions in the Waste Sector?
Adriana Gomez Sanabria, Lena Höglund-Isaksson1

13:00 ASCANIUS - ASsessing eConomic And eNvironmental Impacts of cheese making residUeS treatments using comparative LCA and LCC methods.
Sara Bertolini

13:15 – 14:00 Lunch Break

16:00 – 16:30 Closing Session ROOM A

16:30 – 17:00 Coffee Break — one for the road

POSTERS ALLEY

11:00 – 13:15 Posters Day 3 *all posters on display for the whole session*

Experimental Production of Biogas and Biodiesel from Organic Waste and Waste Cooking Oil Generated at the University of Tolima Restaurant
Jose Aldemar Munoz

Sustainability Reporting for Academic Conferences: A Mixed-Methods Framework Applied to the RETASTE Conference Series
Ioannis Daliakopoulos, Evangelia Viskadouraki, Georgios Daskalakis

Solar Oyster Mushroom Crackers made in Myanmar
Tiziana M.P. Cattaneo, Cecilia Brighi, Tichia Pan

Olive pomace aqueous extracts as ingredients for edible film development
Georgia Koutsampasopoulou, Maria-Apostolia Pissia, Anthia Matsakidou, Maria-Teresa Capucchio, Adamantini Paraskevopoulou

Upcycling Black Soldier Fly Farming By Products into Bio Fillers for Sustainable Biopackaging Materials
Eleftherios G. Andriotis, Anthia Matsakidou, Sotiria Krani, Agni D. Migkou, Maria-Apostolia Pissia, Dimitris S. Achilias, Maria-Teresa Capucchio, Adamantini Paraskevopoulou

Reusing Hospital Onsite Treated Effluent: Water Quality, Safety and Agronomic Performance in the LIFE-HIPPOCRATES Pilot Study
F. Galliou, E. Maragkaki, A. Papadaki, C. Bouki, S. Dokianakis, E. Viskadouraki, M. Dragasaki, G. Markakis, N. Katsarakis, N. Vidakis, D. Papadimitriou, T. Manios

Food Waste as a Strategic Substrate for Agricultural Biogas Production: Quantifying Energy and Climate Potential in Poland
Sylwia Łaba

Sustainable Management of Semi-Arid Horticultural Systems: Sheep Wool Mulching as a Circular Economy Solution for Water Conservation
Pilar Mañas Ramirez, Jorge de las Heras Ibáñez

Anti-inflammatory and mitochondrial-protective effect of olive pomace on LPS-stimulated RAW264.7 macrophages
Maurizio Battino, Yasmany Armas Diaz, Francesca Giampieri

Enabling Redistribution: Consumer-Level Innovations to Rescue Surplus Food [V]
Bantidou Vassiliki, Gouleni Niki, Panoutsou Kleopatra, Papachristopoulou Maria Panagiota, Petridi Alemina, Abeliotis Konstadinos, Chroni Christina

14:00 – 16:00 Posters Day 3 *all posters on display for the whole session*

Sustainable Valorization of Citrus Peel Wastes: Effects of Extraction Processes on Phenolic Composition, Antioxidant Capacity, and Anti-Inflammatory Activity
Faten Mohamed Ibrahim, Eman Abdelsalam, Reda Sayed Mohammed, Ioannis Daliakopoulos, Wedian El-Sayed Ashour, El Habbasha S. F

Synthesis of keratin/PVA/PVP hydrogels by gamma irradiation: Evaluation of economical coatings to minimize oxygen inhibition
Gonzalo Jácome, Edison Vera, Roque Santos, Paul Vargas-Jentzsch, Marco Sinche-Serra, Maribel Luna

Beyond Alcohol: Consumer Acceptance of Dealcoholised Wines in Health-Oriented Markets
Réka Matolcsi, Csaba Oláh

Cost-Benefit and Environmental Assessment of AOSDU Development and Operation: Evidence from the LIFE-INOFEED Demonstration Project [V]
C. Tsompanidis, V. Lolou, T. Lolos, N. Markakis, A. Aeraki, K. Katrini, I. Sampathianakis, T. Kostelenos, C. Kapolas

Synthesis of Black Soldier Fly Larvae Peptone as a Sustainable Nitrogen Source for Biofertilizer Microbial Consortia
Muhammad Zaki Arrazi, Salsabilla Arrysa Putri, Ákos Kenéz, Ramadhani Eka Putra, Muhammad Yusuf Abduh

Microwave-Assisted Recovery of Carotenoids from Pretreated Tomato Processing Waste: A Comparison of Conventional Grinding and Vibrational Micro-Milling
Tea Petković, Nikolina Golub, Emerik Galić, Kristina Radić, Dubravka Vitali Čepo

Identification of Major Phenolic Compounds in Apple-Based Mixed Pomaces
Jelena Kukić Marković, Snežana Zlatanović, Margarita Dodevska, Darko Micić, Stanislava Gorjanović

SUSTAINABLE VALORISATION OF THE ORGANIC FRACTION OF MUNICIPAL SOLID WASTE FOR THE PRODUCTION OF BIO-BASED PRODUCTS
Christina Tsamoutsoglou, Konstantinos Paterakis, Apostolos Koutinas

Bioprocessing of Lentil Hulls for the Development of Functional Ice Cream Cones
Bassi Daniela, Annalisa Romano, Panaro Maria Antonietta, Cortimiglia Claudia, Volontè Federica, Caputo Leonardo, De Bellis Federica, Ferranti Pasquale, Monaci Linda, Calvello Rosa, Cianciulli Antonia

Harnessing Solar Energy for Sustainable Feed Processing: Drying and Fermentation Pathways in the NUTRIFEEDS Project - The HMU Contribution
F. Galliou, A. Papadaki, K. Katrini, N. Markakis, I. Christoforakis, C. Moschou, T. Manios

Saturday, 19 September 2026

TECHNICAL VISIT #1

09:00 - 14:00 Technical Visit #1 - Visit to the Amari Solid Waste Management Facility

TECHNICAL VISIT #2

09:00 - 14:00 Visit to the DEDISA Waste Management Facilities

Key

SESSION TYPES

- **Oral session**
- **Workshop**
- **Lunch break**
- **Closing**
- **Coffee break**
- **Excursion**
- **Poster session**
- **Registration**
- **Social event**

MARKS

[V] **Virtual presentation**

[YR] **Young researcher**

Round table

Name **Presenting author**