



# FULL RECO4US

## 1st INTERNATIONAL TRAINING SCHOOL Sustainable Resource Recovery Strategies Towards Zero Waste

Where

**University of Borås, Sweden**

When

**May 23 – May 27, 2022**

Target audience

**Graduate students, researchers, bio-waste professionals**

Registration

**Before March 13 via [this link](#)**

**provide a motivation**

**selection for reimbursement will be done by the Cost Action Core Group**

**3 ECTS certification is planned**

## TECHNICAL PROGRAMME

	09:00-10:15	10:45-12:00	13:30-14:15	14:45-16:00	16:15-17:30
<b>Monday 23</b>	Social aspects of resource recovery Kamran Rousta	Laws, regulations and policies for resource recovery Belen Garcia	Waste management and entropy Pieter Billen	Overview of resource recovery and Circular Bioeconomy Mohammad Taherzadeh	Discussion on the theme: microorganisms: friends or foes? Olga C. Nunes
<b>Tuesday 24</b>	Composting technology - Biodrying Sergio Ponsa Salas	Metallic trace elements in Anaerobic Digestion Eric van Hullebusch	Biorefinery from the process integration perspective Gopalakrishnan Kumar	Thermochemical conversion technologies Güray Yildiz	Advancing waste treatment through simultaneous CO <sub>2</sub> Capture and Utilization Tosin Somorin
<b>Wednesday 25</b>	Techno-economic assessment of lignin-first biorefineries Philippe Nimmegeers	Recovery of Fuzel oil, generated during the use of Sugar Factory wastes in ethanol production Bilge Yilmaz	Biomass pretreatment techniques Swarnima Agnihotri	Revalorisation of industrial waste streams for biopolymer production Aleksandra Miletic	Single-cell factories in waste treatment: Yeasts Gamze Nur Müjdecı
<b>Thursday 26</b>	Turning Ecological Disaster into High Value-Added Products: the Case of Marine Mucilage Atif Emre Demet	Bioethanol production processes from sugar beet pulp Bilge Yilmaz	Food industry waste streams as valuable sources for active packaging production Aleksandra Miletic	Extraction techniques for determination of polyphenols from food waste Hazal Özyurt	Isolation of polysaccharides from industrially relevant plant sources and from their byproducts Yordan Nikolaev Georgiev
<b>Friday 27</b>	Conventional and innovative technologies for water and nutrient recovery from wastewater Derya Y. Imer	Application of anaerobic membrane bioreactor for a VFA platform Amir Mahboubi	Nutrient and water recovery from segregated streams of domestic wastewater Bilsen Beler-Baykal	Case studies for resource recovery /Round-table Discussion* Derya Y. Imer	

### FULLRECO4US - Cost Action 20133

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