



## Program: Nexus “Energy, Water & (Bio)Industry”

<b>09:00</b>	<b>Arrival</b>
<b>09:30</b>	<b>Welcome</b>
	Univ. Doz. Dr. Mag. Stephan Schwarzer <i>(Head of Department Environmental- and Energy Policy, Austrian Federal Economic Chamber)</i>
	Mag. Elvira Lutter <i>(Program- and Researchmanager, Klima- und Energiefonds Austria)</i>
	Mag. Sabine Mitter <i>(Federal Ministry Transport, Innovation and Technology, IEA Research Cooperation)</i>
	DI Christoph Brunner <i>(AEE INTEC, Head of Department Industrial Processes and Energy Systems)</i>
<b>Session 1 - Realizing circular economy - International networks on energy and water focus in biorefineries</b>	
<b>09:40</b>	Linking water and energy efficiency in industry – challenges and solutions (IEA SHC Task 62) <i>(Dr. Bettina Muster-Slawitsch, AEE INTEC)</i>
<b>10:00</b>	Energy efficient separation technologies in biorefineries (IEA IETS Annex 17) <i>(Prof. Frank Lipnizki, Lund University Sweden)</i>
<b>10:25</b>	Decentralization – can a new solar desalination technology inspire innovative (bio) industrial solutions? <i>(SolarDew International B.V.)</i>
<b>10:50</b>	Opinion Poll
<b>Coffee Break</b>	
<b>Session 2 - Water-Energy Nexus in biobased processes</b>	
<b>11:30</b>	Development and optimization of sustainable biorefineries <i>(Univ.Prof. Dipl.-Ing. Dr.techn. Anton Friedl, Technical University Vienna)</i>
<b>11:55</b>	Energy, water and transportation challenges for decentralised biorefineries <i>(DI Dr. Viktoria Leitner, Wood-kplus)</i>
<b>12:20</b>	Technical solutions towards an integrated optimization of energy – fiber fractionation <i>(Dr. Stefan Radl, Institute of Process and Particle Engineering, TU Graz)</i>
<b>12:45</b>	Opinion Poll
<b>Lunch</b>	
<b>Session 3- Treatment of liquid side streams /downstream processing in biorefineries</b>	
<b>14:00</b>	Solar energy-water nexus for industrial wastewater recovery <i>(Dr. Isabel Oller Alberola, CIEMAT- Plataforma Solar de Almería Spain)</i>
<b>14:25</b>	Resource and energy efficiency in municipal waste water treatment plants <i>(DI Wolfgang Gruber Glatzl, AEE INTEC)</i>
<b>14:50</b>	Biorefineries and the food, energy, water nexus <i>(Elias Martinez-Hernandez, University of Bath)</i>
<b>15:15</b>	Opinion Poll
<b>Coffee Break</b>	
<b>Session 4 – Interactive</b>	
<b>15:45</b>	<b>Fish Bowl Discussion</b> with selected experts about the question “How can the Water-Energy-Nexus be realized within the next phase of biorefineries ?”
<b>16:30</b>	<b>Closing</b>
	Summary and Closing
<b>17:00</b>	End