

Track 1: Innovative Value Chains for Sustainable Process Industry - Energy, Materials, Chemicals

Coordinators Ludo Diels/Guy Vekemans - VITO

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Day 1 Monday 19 October	Timing	Presentations	Organisation/Company	Title presentation	
		Chair session 1: Guy Vekemans, KIC Inno Energy, EnergyVille			
		Keynote lectures			
	14:00 – 14:20	Eric Dubois	Solvay	Building a model of sustainable chemistry: Carbon Capture and Utilization, tracks for CO2 reuse	
	14:20 – 14:40	Karel Van Acker	KIC Raw Matters	EIT RawMaterials : Innovating the raw materials value chain	
	14:40 – 15:00	Klaus Sommer	Spire	The SPIRE PPP for Process Industries	
	15:00 – 15:20	Mark Van Stiphout	European Commission DG Energy	Towards an Integrated Strategic Energy Technology (SET) Plan: Accelerating the European Energy System Transformation	
		Oral Presentation			
	15:20 – 15:40	Youssef Travali	GreenWin	The global value chain of Smart CO2 Transformation	
	15:40 – 16:00	Jan Van Havenberg	FISCH	The Flemish chemical industry transition towards more sustainability: the 'FISCH' experience	
16:00 – 16:20	Discussion: Global playing field chemistry, materials, energy				
16:20 – 16:50	Break and refreshments				

	Chair session 2: Dirk Vangeneugden, VITO			
	Keynote lectures			
	16:50 – 17:10	Richard Northcote	Covestro	Change the chain - Sustainable value creation through innovative value chain development
	17:10 – 17:30	Sébastien Mortier	European Commission	European Research and Process Industries – the case of the SPIRE PPP
	Oral presentations			
	17:30 – 17:50	Bart Vander Velpen	Royal Haskoning DHV	How technical Innovation in manufacturing is fostered through business innovation
	17:50 – 18:10	Discussion: Business models for circular economy		
	18:10 – 18:20	Wrap up		
Day 2 Tuesday 20 October	Timing	Presentations	Organisation/Company	Title presentation
	Chair session 3: Ludo Diels, Antwerp University			
	Keynote lectures			
	10:30 – 10:50	Michael Carus	Nova Institute for renewables	Sustainable biomass potential for food, feed, bio-based materials, bioenergy and biofuels
	Oral presentation			
	10:50 – 11:10	Kathryn Sheridan	Sustainability Consult	Why Credible Communications And Stakeholder Engagement Are Key To Build Market Demand For Biomaterials
	Keynote lecture			
	11:10 – 11:30	Bert Groothuis	Sabic	Foundation for the Future
Oral presentations				
11:30 – 11:50	Korneel Rabaey	University Ghent	The CAPTURE initiative to cluster resource recovery and development	

	11:50 – 12:10	Brigitte Dero	VinylPlus	VinylPlus: how a value chain's Voluntary Commitment for sustainable development can move an industry sector towards a low-carbon circular economy
	12:10 – 12:30	Discussion: Biomaterials		
	12:30 – 14:00	<i>Lunch + possibility to participate in a 1/6 meeting (subjects will be communicated on beforehand) "meet with"</i>		
		Chair session 4: Aurore Richel, Liège University		
		Keynote lecture		
	14:00 – 14:20	Mukund Bhagwat	Corporate Energy Affairs, Aurubis Belgium	Energy Efficiency in Energy Intensive Copper Industry
	14:20 – 14:40	Luc Sterckx	Febeliec	Energy challenges for industry – opportunities and threats
		Oral presentations		
	14:40 – 15:00	Monish Ahuja	Punjab Renewable Energy Systems	Innovative Value Chain of Biomass Aggregation, Processing and Supply for Sustainability of Power Plants & Bio-Refinery Projects
	15:00 – 15:20	Anita Buekenhoudt	VITO	Intensification of (bio)processes - a variety of solutions rendering your (bio)processes more viable
	15:20 – 15:40	Jochen Froebrich	Alterra	Valorisation and reuse of waste water for a green economy in India and Europe: Lessons learned from the development of innovative bio-based technologies with business potentials
	15:40 – 16:00	Discussion and wrap up: Water waste energy		