



# SusCritMat Autumn School for Professionals

October 24-26, TU Delft

## Programme

### Wednesday, October 24

12:00-13:45	<b>Arrival and Lunch</b>
	<b>PLENARY</b>
13:45-14:00	<b>Welcome</b>
14:00-14:30	<b>Introduction: Strategic Resources for emerging technologies</b> Armin Reller, ESM Foundation, Switzerland
14:30-15:00	<b>History of materials strategies</b> David Peck, TU Delft
15:00-15:45	<b>Supply Risk Factors</b> Ester van der Voet, Leiden University
15:45-16:30	<b>Criticality</b> Dominique Guyonnet, BRGM, France
16:30-17:00	<b>Coffee Break</b>
17:00-18:30	<b>Board Game "In the Loop"</b>
From 18:30	<b>Drinks &amp; Dinner</b>

### Thursday, October 25

	<b>PLENARY</b>		
8:15-9:00	<b>Introduction to Circular Economy</b> David Peck, TU Delft		
9:00-9:45	<b>Mitigating supply risks</b> Adrian Segens, SME and start-up consultant		
9:45-10:30	<b>How to become a „Resource Revolution Enterprise“</b> Cornis van der Lugt, Stellenbosch University Business School		
10:30-11:00	<b>Coffee Break</b>		
	<b>TRACK 1: POLICY &amp; REGULATION</b>	<b>TRACK 2: CIRCULAR ECONOMY STRATEGIES</b>	<b>TRACK 3: TOOLS &amp; ANALYTICS</b>
11:00-12:00	<b>Policy, Governance and economical aspects</b> Jan-Henk Welink, TU Delft	<b>Resource Efficiency</b> Guido Sonnemann, University of Bordeaux	<b>Good Use of Data</b> James Goddin, Granta Design
12:00-13:00	<b>Geopolitical Aspects</b> Anthony Hartwell, University of Birmingham	<b>Responsible Business Practices</b> Outotec Oyi, Finland	<b>Metals &amp; CRM Scenarios</b> Ester van der Voet, Leiden University



## Thursday, October 25 (cont.)

13:00-14:30	<b>Lunch</b>		
	<b>TRACK 1: POLICY &amp; REGULATION</b>	<b>TRACK 2: CIRCULAR ECONOMY STRATEGIES</b>	<b>TRACK 3: TOOLS &amp; ANALYTICS</b>
14:30-15:30	<b>Certification Potentials</b> Dieuwertje Schrijvers, University of Bordeaux	<b>Circular Business Models</b> Christian Hagelüken, Umicore	<b>Hands-on exercise on criticality indicators</b> Dominique Guyonnet, BRGM
	<b>PLENARY</b>		
15:30-16:00	Discussion with invited experts		
16:00-16:30	<b>Coffee Break</b>		
16:30-17:30	<b>Critical Raw Materials and Sustainable Development Goals</b> Julian Hilton, Chair UN EGRC Sustainable Development Goals Delivery Working Group		
17:30-19:00	<b>Group activity</b>		
From 19:00	<b>Dinner</b>		

## Friday, October 26

	<b>PLENARY</b>		
8:15-9:45	<b>Responsible Mining</b> Gaël Bellenfant, BRGM		
9:45-10:30	<b>Characterizing the Urban Mine</b> Amund Loevik, Empa Materials Science & Technology, Switzerland		
10:30-10:45	<b>Funding opportunities for sustainable business ideas</b> Valorization Center, TU Delft <i>Rest of the day: opportunity for individual consultancy from the Valorization Center and EIT Raw Materials</i>		
10:45-11:15	<b>Coffee Break</b>		
	<b>TRACK 1: POLICY &amp; REGULATION</b>	<b>TRACK 2: CIRCULAR ECONOMY STRATEGIES</b>	<b>TRACK 3: TOOLS &amp; ANALYTICS</b>
11:15-12:45	<b>European Raw Materials policies</b> Constantin Ciupagea, European Commission JRC	<b>Recycling potentials</b> Jan-Henk Welink, TU Delft	<b>Introduction into various tools</b> Outotec, Granta Design, University of Leiden, Sustainabil
12:45-14:00	<b>Lunch</b>		
14:00-15:30	<b>Restricted Substances legislation policies – practical implications</b> James Goddin, Granta Design	<b>Closing Loops on Product Level</b> Ruud Balkenende, TU Delft	<b>Hands-on work with selected tools</b> various
15:30-16:00	<b>Coffee Break</b>		
	<b>PLENARY</b>		
16:00-17:15	<b>EIT RM Success stories</b> Wesley Crock, Head of RawMaterials Academy, EIT Raw Materials Willem Bulthuis and Klaus Wiesen, Sustainabil Teresa Oberhausen and Igor Konstantinov, Circularise		
17:15-17:30	<b>Final remarks &amp; closing</b>		
From 17:30	<b>Apéro &amp; Farewell</b>		