



ESPP (European Sustainable Phosphorus Platform) General Assembly

## Phosphorus stewardship in industrial applications

Thursday 1<sup>st</sup> December, Brussels

Crowne Plaza Hotel – Infinity room, Rue Gineste, Brussels centre – metro Rogier  
within the 1<sup>st</sup> EU Raw Materials Week (EU Raw materials information & brokerage event 30<sup>th</sup> November afternoon)

**Objectives:** present success stories and innovation in P stewardship in industry (publication via ESPP and SCOPE Newsletters and media, promotion to ESPP wider network). Identify areas for possible research or value-chain collaboration. **Participants:** ESPP members and network - waste, water, chemicals, fertiliser industries, policy makers, knowledge centres.

8h30 – 10h30 *ESPP General Assembly (open to non-members): accounts, election of Board, actions underway and action plan priorities for 2017*

10h30 *coffee*

### 11h00 -17h30 Phosphorus stewardship in industrial applications

#### 11h00 - 13h00 **Uses of phosphorus in industry today and tomorrow**

11h00 Opening: Janez Potocnik, Co-chair of the UNEP International Resource Panel and previous EU Environment Commissioner

11h20 Overview of phosphorus applications in industry: William Schipper

11h40 TBD: Nano phosphates: uses & questions. Or: New P applications in energy storage

12h00 Circular phosphorus chemistry and knowledge transfer from one sector to another (medicine, chemistry, agriculture, industry) – Chris Slootweg SUSPHOS network

12h20 Using low-value phosphorus materials to make metal refining more sustainable - Steve van Zutphen, Magpie Polymers

12h40 Questions and discussion

13h00 *Networking buffet lunch*

#### 14h00 – 17h00 **Stewardship and recycling**

14h00 Recycling phosphorus to P4 from sewage sludge ash or other wastes: ICL

14h15 Clean technology for P-recycling to phosphoric acid: Remondis TetraPhos®: Andreas Rak and Martin Lebek, Remondis

14h30 PHOSave (H2020) project recycling P from exhausted fire extinguishers: Marco Michelotti, PROPHOS Chemicals

14h45 Sustainability in the P value chain, end-of-life for flame retardant plastics: Wolfgang Wanzke, Sustainability Manager, Clariant

15h00 Reducing the impact of P chemistry (TRIAKYL LIFE project): Italmatch

15h15 *Coffee*

15h45 EU funding tools for industry innovation and P sustainability – Tomas Turecki, DG RTD and Solon Mias, DG ENVI (LIFE)

16h05 Panel and discussion on perspectives, possible joint actions  
- Hartwig Wendt, Executive Director Sustainability and sector groups, CEFIC  
- SUSPHOS  
- European Commission

17h30 *Close*