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EU H2020 MSCA ETN REDMUD 5<sup>th</sup> Network Wide Event 24-26 April 2017  
Helsinki



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## Agenda

Location: Scandic Paasi Hotel - Paasivuorenkatu 5 B, Helsinki

Monday 24 April	Activity	By	Who's attending?
09:00	WP meeting Introduction	Yiannis Pontikes	ESRs, Supervisors, WP leaders, Consultants
09:10	WP1 presentations	ESR1, ESR2, ESR3, ESR4	ESRs, Supervisors, WP leaders, Consultants
10:30	Coffee break		
11:00	WP2 presentations	ESR5, ESR6, ESR7	ESRs, Supervisors, WP leaders, Consultants
12:00	Lunch break		
13:00	WP2 & WP3 presentations	ESR8, ESR9, ESR10, ESR11, ESR12	ESRs, Supervisors, WP leaders, Consultants
14:40	Coffee break		
15:00	WP4 presentations	ESR13, ESR14, ESR15	ESRs, Supervisors, WP leaders, Consultants
16:00	Conclusion of the Progress meeting	Yiannis Pontikes	ESRs, Supervisors, WP leaders, Consultants
16:30	WP5 presentation	Risto Koivula	ESRs, Supervisors, WP leaders, Consultants
17:00	Conclusion on the Training aspect	Risto Koivula/Rabab Nasser	ESRs, Supervisors, WP leaders, Consultants
19:00	Event dinner	Meripaviljonki Restaurant	ESRs, Supervisors, WP leaders, Consultants

<b>Tuesday 25 April</b>	<b>Activity</b>	<b>By</b>	<b>Who's attending?</b>
09:00 - 13:00	Supervisory Board meeting	WP Leaders	Supervisors, WP leaders, Consultants, ESR representative & Partner Organisations

In parallel

Location: UHelsinki Kumpula Chemistry department (Chemicum B143)

09:00 - 10:30	S/T training "Red mud filtration"	Teemu Kinnarinen	ESRs
10:30 - 11:00	Coffee break		
11:00 - 13:00	S/T training "Dynamics of ion exchange columns and industrial process concepts"	Tuomo Sainios	ESRs
13:00 - 13:45	Lunch break		
13:45 - 15:45	S/T training "Ion exchange recovery of critical and precious metals"	Sami Virolainens	ESRs
15:45 - 16:05	Coffee break		
16:05 - 17:00	S/T training "Inorganic ion exchange materials"	Risto Koivula	ESRs
17:00	Free discussion	Yiannis Pontikes	ESRs

<b>Wednesday 26 April</b>	<b>Activity</b>	<b>By</b>	<b>Who's attending?</b>
09:00 - 14:30	Visit to EKOKEM	Bus	ESRs
15:00 - 16:00	Training "Radiation Safety"	Risto Koivula	ESRs

## Detailed agenda of WP meeting on Monday 24 April

### 9.00 – 12.00 WP 1 & 2 presentations

- 09.00 – 09.10 Introduction  
09.10 – 09.30 ESR1 – *Iron recovery from Bauxite Residue*  
09.30 – 09.50 ESR2 – *Iron oxide removal through microwave roasting and magnetic separation*  
09.50 – 10.10 ESR3 – *Biographical data, role in the project, milestone, plans*  
10.10 – 10.30 ESR4 – *Recovery of aluminium oxide from bauxite residue*
- 10:30 – 10.50 *Coffee break*
- 10.50 – 11.10 ESR5 – *Selective leaching for Ti recovery*  
11.10 – 11.30 ESR6 – *Ionic liquid leaching for reactive metals (Ti, Sc, REE) recovery*  
11.30 – 11.50 ESR7 – *Process intensification for rare earth element recovery*  
11.50 – 12.00 Closing remarks

### 12.00 – 13.00 Lunch break

### 13.00 – 16.30 WP2 ,3 & 4 presentations

- 13.00 – 13.20 ESR8 – *Recovery of rare earths with supported ionic liquid phases*  
13.20 – 13.40 ESR9 – *Separation of REEs using inorganic metal phosphate ion exchangers*  
13.40 – 14.00 ESR10 – *Selective recovery and purification of Sc compounds from leach solutions*  
14.00 – 14.20 ESR11 – *Fe-rich hydraulic binders from bauxite residue*  
14.20 – 14.40 ESR12 – *Fe-rich inorganic binders from bauxite residue*
- 14.40 – 15.00 *Coffee break*
- 15.00 – 15.20 ESR13 – *Secondary and trace bauxite elements distribution*  
15.20 – 15.40 ESR14 – *Comprehensive LCA of Red Mud Valorisation, incl. NORM*  
15.40 – 16.00 ESR15 – *Systematic study of BR valorisation NORM aspects and NORM-LCA methodology development*  
16.00 – 16.30 Conclusion of the Progress meeting

### 16.30 – 17.30 WP5 presentation

- 16.30 – 17.00 WP5 (training) presentation  
17.00 – 17.30 Conclusion of the Training aspect