



Agenda for the CRM Data Management Workshop, 26.11.18

12:00-12:30	Registration and Coffee		
12:30-13:30	Session I: Welcome and Introduction	Speaker	Affiliation
12:30-12:45	Welcome and Introduction to BAM/ Organizational information	Christian Adam	BAM 4.4
12:45-13:00	A projects perspective: How/where do we place our data?	Marie Hoffmann	BAM 4.4
13:00-13:15	Example: Phosphogypsum Waste>> what data do we have?	Prof. Andrzej Jarosiński	Mineral & Energy Econ. Research Institute-Polish Acad. of Sciences
13:15-13:30	Q & A, exchange of experiences	-	-
13:30-15:15	European developments in data management	Speaker	Affiliation
13:30-13:45	ProSUM/ORAMA	Perrine Chancerel	Fraunhofer IZM
13:45-14:00	Introducing ROSYS	Arne Schuhmacher	DERA
14:00-14:15	Introducing MOKKA/ENFO	Emese Vaszita	Budapest University of Technology and Economics
14:15-14:30	HTMET-A Database for high-tech metal potentials in Germany base metal deposits	Henrike Franke	BGR
14:30-14:45	Coffee Break/Snacks		
14:45-15:00	Working title: The EU Raw Materials Information System (RMIS)	Dominic Wittmer	JRC/EC
15:00-15:30	„GeoERA - European Geological Surveys joint action to improve Data Management”	Antje Wittenberg & Andreas-Alexander Maul	BGR
15:30-15:45	Q & A, exchange of experiences	-	-
15:45-16:30	Working together and bridging the gaps	Speaker	Affiliation
15:45-16:15	Group approaches/Ideas/Challenges	everyone	-
16:15-16:30	Joint discussions and final wrap up	Moderation: C. Adam	BAM 4.4

Agenda for the Scandium-Inventory Workshop, 27.11.18

8:30-09:00	Registration and Coffee		
9:00-09:40	Session I: Welcome and Introduction to SCALE	Speaker	Affiliation
9:00-9:30	The SCALE Project	Efthymios Balomenos	Mytilineos S.A. SCALE coordinator
9:30-9:40	Q & A	-	
9:40-10:50	Session II: Primary resources	Speaker	Affiliation
9:40-09:55	10 Years Strategic Outlook for the Global Scandium Industry	John Grandfield	Swinburne University & Grandfield Technology
9:55-10:10	Primary raw materials for the Sc industry - a geological perspective	Pete Siegfried	GeoAfrica Prospecting Service (HiTech AlkCarb Project)
10:10-10:25	"Towards the development of North America's first primary Scandium resource: The Crater Lake Scandium-Tantalum-Niobium Project, Northeast Quebec, Canada"	Peter Cashin	Imperial Mining Group Ltd.
10:25-10:40	Scandium sources and products: Rosatom Experience	Mikhail Metelkin	JSC TVEL
10:40-10:50	Q & A	-	
10:50-11:10	Coffee Break		
11:10-12:20	Session III: Secondary resources	Speaker	Affiliation
11:10-11:25	Selective recovery of scandium and other rare earths from Greek bauxite residue	Dzenita Avdibegovic	KU Leuven
11:25-11:40	Red mud as raw material for scandium oxide recovery- UC RUSAL Experience	Alexander Suss	RUSAL
11:40-11:55	Current state of the Sc recovery possibilities during hydrometallurgical treatment of lateritic Ni-Co ores	Serif Kaya	Meta Nickel Cobalt
11:55-12:10	Recovery of Rare Earths and Scandium from Uranium Leachates	Sergey Kirillov	Ural Federal University
12:10-12:20	Q & A	-	
12:20-13:20	Lunch Break		

13:20-14:30	Session IV: Advancements in Purification	Speaker	Affiliation
13:20-13:35	The production of scandium fluoride and scandium oxide	Valery Smyshlyaev	Dalur, JSC
13:35-13:50	Innovative Scandium Refining Process from Secondary Raw Materials	Bengi Yagmurlu, Carsten Dittrich	MEAB
13:50-14:05	Evolution of Scandium Recovery Technology to Increase Supply from Ultra-low Concentration Streams	Wen-Qing Xu, Gomer Abrenica, Louie Bedes, Martin Benzing, Shailesh Patkar	II-VI
14:05-14:20	Application of Scandium to the Fuel Cell industry	Mike Yang	Bloom Energy Corporation
14:20-14:30	Q & A	-	
14:30-14:45	Coffee Break		
14:45-16:00	Session V: Sc metal and Alloys	Speaker	Affiliation
14:45-15:00	Al- and Mg-thermic reduction of scandia sources	Markus Weinmann	H.C. Starck Tantalum and Niobium GmbH
15:00-15:15	(Production of Al-Sc alloys in Europe)	Henk van der Laan	KBM Affilips
15:15-15:30	Advantages of application of cost effective Al-Mg-Sc alloys with low Sc content as the substitution of traditional metals	Dmitriy Fokin	RUSAL
15:30-15:45	Sc-empowered aerospace materials - Scalmalloy in Airbus	Frank Palm	Airbus Central Research & Technology (CR&T)
15:45-16:00	Q & A	-	
16:00-16:15	Wrap up/ Closing		

Current List of Participants

Name	Institute
Aleksandr Seleznev	JSC TVEL
Aleksandr Suss	RUSAL
Andreas-Alexander Maul	BGR
Andrew Fisher	Maritime House Ltd.
Andrzej Jarosiński	Mineral and Energy Economy Research Institute of the Polish Academy of Sciences
Anna Lisa Bachmann	Fraunhofer IAP (IWKS)
Antje Wittenberg	BGR
Arne Schuhmacher	DERA/BGR
Bengi Yagmurlu	MEAB
Carsten Dittrich	MEAB
Carsten Meerwinck	CAMEX GmbH
Christian Adam	BAM
Christopher Peer	Maritime House Ltd.
Dimitrios Filippou	RioTinto
Dimitrios Pantias	NTUA
Dmitry Fokin	RUSAL
Dror Shaked	RUSAL
Dzenita Avdibegovic	KU Leuven
Egil Skybakmoen	SINTEF
Esmese Vaszita	BME
Eva Ujaczki	BME
Evgeniy Kirillov	Ural Federal University
Felix Müller	UBA German environmental agency
Francesca Di Carolo	ITRB
Frank Diekmann	MEAB
Frank Palm	Airbus
Franziska Klimpel	Jacobs Universität Bremen
Frederic Brinkmann	RWTH Aachen
Fuminori Tamazaki	DKKK Japan
Georgii Pribylskii	Lanthan Technology Centre
Grigory Bunkov	Ural Federal University
Hans Eike Gäbler	BGR
Henk van der Laan	KBM
Henrike Franke	BGR
Ilya Polovov	Ural Federal University
Jan Kosmol	UBA German environmental agency
Jeremy Carter	Clean TeQ
Joan van der Loo	TRONOX
John Carr	Clean TeQ
John Grandfield	Swinburne University & Grandfield Technology
Julia Witt	BAM
Junya Watanbabe	Sumitomo Metal Mining Co. Ltd.

Kagya Nyanin	SCALE Less Common Metals
Karin Dahlmann	Alcoa
Karolina Jackiewicz	Lipmann Walton & Co. Ltd.
Ken Evans	International Aluminium Institute
Kerstin Forsberg	KTH
Kirki Kiskira	NTUA
Klaus Ochsenkühn	NTUA
Leigh James Dahl	II-VI
Lutz Hecht	Museum für Naturkunde Berlin, FU Berlin
Maria Ochsenkühn	NTUA
Marie Hoffmann	BAM
Markus Lenz	FHNW
Markus Weinman	HC Starck
Marzena Smol	Mineral and Energy Economy Research Institute of the Polish Academy of Sciences
Matthias Schenderlein	BAM
Michael Bau	Jacobs Universität Bremen
Mike Yang	Bloom Energy Corporation
Mikhail Metelkin	JSC TVEL
Nikolay Krailin	ARMZ URANIUM HOLDING Co.
Nikolay Poponin	Dalur, JSC
Oleg Barabanov	ARMZ URANIUM HOLDING Co.
Panagiotis Davris	Mytilineos S.A
Perrine Chancerel	Fraunhofer IZM
Pete Siegfried	GeoAfrica Prospecting Service (HiTech AlkCarb Project)
Peter Cashin	Imperial Mining Group
Rocco Lagioia	ITRB
Sebastian Hedwig	FHNW
Sen Chel Su	Lanthan Technology Centre
Sergey Kirillov	Ural Federal University
Serif Kaya	Meta Nickel Cobalt
Shailesh Patkar	II-VI
Tatyana Elleman	TENAM Corporation
Efthymios Balomenos	Mytilineos S.A. SCALE coordinator
Ugo Miretti	ITRB
Ulrike Dorner	BGR/ DERA
Valery Smyshlyaev	Dalur, JSC
Vitaly Dorofeyev	IMC Alloys
Vladimir Larin	Lanthan Technology Centre
Vladislav Chashchin	ARMZ URANIUM HOLDING Co.
Wen-Qing Xu	II-VI
Yasuo Ishikawa	Sumitomo Metal Mining Co. Ltd.

Agenda and participant lists are of course subjects to modifications.