



Precious Metals and Rhenium Consortium *Assembly Meeting*



12 January 2011
Metals Conference Centre
Brussels, Belgium



1. Welcome and introduction



Welcome and introduction



- Confidentiality and Competition Law
- Objectives of today's meeting:
 - Review membership, representation and secretariat of PMC
 - Present 2010 achievements
 - Discuss 2011 work programme and budget



Agenda



1. Welcome and introduction
2. Management Committee, membership and PMC secretariat
3. Feed-back/update on 2010 Registrations and CLP notifications
4. Status and progress of PMC projects
5. Overview of 2010 expenses and 2011 budget proposal
6. AOB, next meetings and closing remarks

Approval of the Agenda



Actions agreed at the last PMC Assembly meeting



1. Find out whether any Member manufactures or imports nanos - **DONE**
2. Finalise REACH and CLP guidance - **DONE**
3. Add budget tracking columns to project plans - **DONE**
4. Vote on participation of PMC to OECD-HPVC programme - **TODAY**
5. Proceed to nominations and election of Mgmt Cttee 2011-2013 - **TODAY**

Approval of the Minutes of 18 Jun 2010 Meeting



Other outstanding/upcoming actions



Outstanding:

- Signature of latest Consortium Agreement - allows:
 - (Re-)fresh(ed) start/database
 - Confirmation of project scopes
- Signature of Lead Registrant Declaration of Commitment

Upcoming:

- Check on substances declared as intermediates - Members to confirm:
 - Intermediate status: on-site, transported? Associated tonnage?
 - If intermediate, compliance with latest Guidance on intermediates
- Submission of proprietary data generated over 2007-2010 (Article 3.2.2 (c) of PMC Agreement)



2. Management Committee, membership, and PMC secretariat



2.1 2011-2013 Management Committee

Guy ETHIER, Umicore, Belgium

Ron DAVIES, Ames Goldsmith, United States

Gerhard GUTEKUNST, Wieland Edelmetalle + Technologie, Germany

Marcus HANNAKAM, Heraeus, Germany

Mohammed MOUKASSI, Société des Fonderies de Plomb de Zellidja, Morocco

Neville PLINT, Anglo Platinum, South Africa

Mark RAFFRAY, Johnson Matthey, United Kingdom

Jacques SCHAFFNIT, Metalor, France

Election of 2011-2013 Mgmt Cttee



2.1 Election of interim Chairman



- Dr Andrew Griffiths Chairman Mgmt Cttee since Dec 2007
- Three years mandate finishes in 2010

THANK YOU ANDREW!

- New Mgmt Cttee in place need to elect new chairperson
- Interim chairmanship proposed: Guy Ethier, Umicore

Election of Interim Chairperson Mgmt Cttee



2.2.1 Membership request



From: Uralinteh, Russia

- Has submitted Appendix 1, 2 and closing page of Agreement duly completed on 27 November and fulfils conditions for membership
- Represented by: Norilsk Nickel
- Interested in: PGM

Approval of Membership Request



2.2.2 Excluded Member



- Excluded Member: SEKOM, Austria
- SEKOM considered as Breaching Member as 2009 and 2010 invoices remain unpaid
- According to Article 3.5 of Consortium Agreement:
 - Breaching Member can be excluded by decision of Assembly
 - Excluded Member loses all rights and obligations, is not relieved of any funding obligation, is not entitled to any refund
 - SEKOM has been informed on the above, refuses to pay any pending invoice

Approval of Member Exclusion



2.2 PMC Membership 2011



1. Agnico-Eagle	25. KGHM Polska Miedz
2. Ames Goldsmith U.K.	26. Lipmann Walton & Co.
3. DODUCO	27. Krastsvetmet
4. Anglo Platinum	28. Lonmin
5. Argor-Hereaus	29. Metalor Technologies
6. Aurubis	30. Montanwerke Brixlegg
7. Boliden	31. Norilsk Nickel Finland Oy
8. Britannia Refined Metals	32. PAMP
9. Carl Hafner	33. Pemco Euroinks
10. Cendres + Métaux	34. PX Holding
11. Chimet	35. Recylex
12. Climax Molybdenum	36. SAFIMET
13. Commerzbank International	37. SAFT Batteries
14. DuPont	38. SEMPSA Joyería y Platería
15. Dragstsvetmet	39. Société des Fonderies de Plomb de Zellidja
16. Eurotungstene (Eramet)	40. Tanaka Kikinzoku Kogyo
17. Ferro	41. Traxys Europe
18. Glencore	42. Umicore
19. Handy Harman	43. Uralinteh
20. HCM	44. Valcambi
21. Heimerle & Meule	45. Vale Europe
22. Johnson Matthey	46. W.C. Heraeus
23. KCM 2000	47. Wieland Edelmetalle + Technologie
24. KGHM Ecoren	48. XStrata Nickel



2.2.3 Commitment of Members having registered in 2010



REMINDER:

- Registration is not a one-stop event - needs maintenance and update
- Therefore having complied with all registration obligations in 2010 does not mean Membership stops!
- Members remain so until:
 - They withdraw (and loose all rights on submitted Registration Dossier)
 - Consortium is dissolved (by decision of the Assembly)



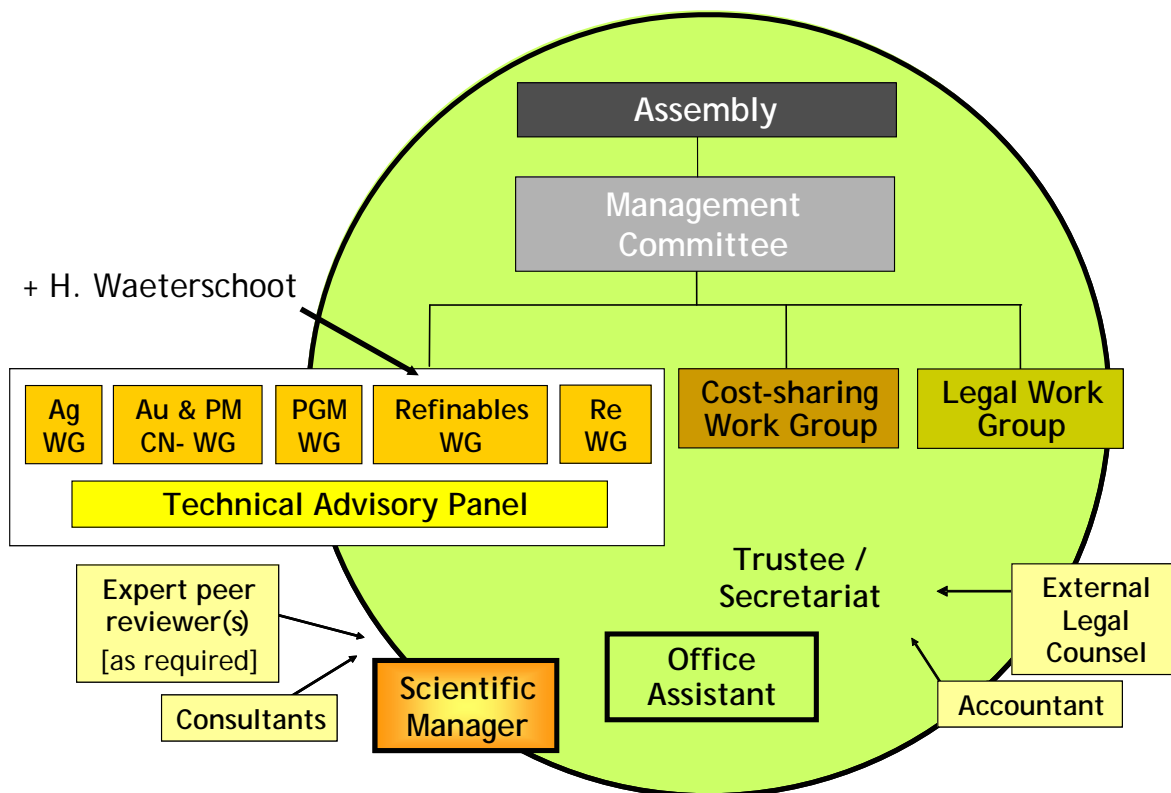
2.3 Re-organisation of PMC secretariat (1)



- Project Manager's employment contract discontinued
- Secretariat and Trustee on maternity leave from 1 Feb till 1 Jun 2011
- During > Q1 PMC secretariat in the hands of:
 - Scientific Manager: Klaus Rothenbacher
 - Office Assistant: Audrey Rondepierre
- PMC work programme for Q1+Q2 2011 prioritised:
 1. Update of Ag and Refinables dossiers and development of ITS for PGM project
 2. Performance of testing programme for Re project and development of ITS for Au and PM CN- projects
- Refinables project also supported by Hugo Waeterschoot



2.3 Re-organisation of PMC secretariat (2)



2.3 Re-organisation of PMC secretariat (3)

Q1+Q2 2011	Ag	Au + PM CN-	PGM	Re	Ref
Coordination	KR	CB	KR	CB	CB
Phase I	-	-	-	-	-
Phase II	-	CB	KR	-	-
Phase III	-	*	*	CB	-
Phase IV	-	*	*	*	-
Phase V	-	WCA	WCA	WCA	-
Registration update	KR	*	*	*	HW
LoA	AR	*	*	*	AR
Membership applications	AR				
Budget tracking and invoices	AR				
Communication	AR				



3. Feed-back/update on 2010 Registrations and CLP notifications



3.1 Overview of lessons learned during first Registrations and CLP notifications

To be considered for dossier updates and next registrations:

- Dossier preparation:
 - Team work between Members, Consultants and PMC secretariat essential!
 - Lead Registrants/Notifiers' role invaluable!
- Dossier submission: Time-consuming:
 - Finalisation of files takes a considerable amount of PMC secretariat and LR time (~1 day/file)
 - IUCLID is a "funny" tool - should not underestimate time to prepare and successfully submit files (~ 1 day/file)
- Questions raised:
 - First experience - many unknowns/surprises
 - However, many due to lack of full knowledge and awareness on REACH and CLP regulations

- **Any other comments or suggestions?**



3.2 Post-registration



- Follow-up of REACH review process
 - COM currently revising REACH text to amend it in 2012
 - EM involved in identifying possible areas where changes may be proposed and preparing comments on proposed changes
 - Sensitive areas:
 - Concept of Intermediate and associated information requirements
 - Weight/interpretation of strict control
 - Nanomaterials
- Update of classifications (3rd GHS)
 - CLP part of global classification scheme undergoing regular revisions
 - 3rd GHS may include refinements and/or additional endpoints (soil) which will impact submitted CLP notifications
 - Need to review submitted CLP notifications in light of latest GHS + newly generated data where relevant
- In general, the above will impact all submitted and ongoing work!
- More specifically, Ag and Refinables - see next slides



3.2 Post-registration - Ag (1)



Background



- Risk assessment conducted on the basis of:
 - Effects data → obtained through literature search + testing programme
 - Exposure data → obtained through uses, emissions and exposure questionnaire + monitoring programmes + workshops + exchanges with companies
- Effects and exposure data are then compared to perform a risk assessment:



Human Health	Environment
$RCR = \frac{\text{Exposure}}{DNEL}$	$RCR = \frac{PEC}{PNEC}$
RCR > 1 = Risk RCR < 1 + sufficient quality exposure data available = No risk	RCR > 1 = Risk RCR < 1 = No risk



3.2 Post-registration - Ag (2.1)



We were able to demonstrate safe use of Ag in all REACH dossiers!



But, we faced three challenges:



1. Ag ion aquatic toxicity and narrow margin of safety



2. Ag soil toxicity: no effects data available (formal data gap; derived a tentative PNEC)



3. Classification: massive vs. powder Ag



Were addressed during dossier preparation, but need follow-up



3.2 Post-registration - Ag (2.2)



Issue	What we did	Benefit
Aquatic toxicity	Env. monitoring Refine PNEC - SSD BLM feasibility study/ CRS monitoring	Replaced (high) default env. levels with lower measured data = lower PEC Improved PNEC = higher PNEC Objective: realistic assessment of silver ion toxicity - Ongoing (final report in Q1 2011) Overall: improved RCR = safe use
Soil toxicity	Commissioned tests for soil toxicity	Objective: fill data gap and improve effect levels Ongoing (final reports in Q1 2011)
Classification	TD test powder and massive Ag	Massive Ag not classified



3.2 Post-registration - Ag (2.3)

Issue	Module	Recommended Follow-up
Aquatic toxicity	Env. monitoring Refine PNEC - SSD BLM feasibility study/ CRS monitoring	Publish monitoring data None Finalise feasibility study. No further follow-up needed.
Soil toxicity	Commissioned tests for soil toxicity	Initial results indicate standard tests will not prove safe use (revised PNEC likely to lead to RCR > 1 = risk!) Need further refinement - cf. CSIRO proposal
Classification	TD test powder and massive Ag	TD test massive Ag needs refinement

23



3.2 Post-registration - Ag (3.1)

Publish Ag Monitoring Data

Scope

- Joint paper: UK Env. Agency/WCA/PMRC
- Background monitoring data + general conclusions
- Site-specific data will not be published

Benefit

- Demonstrate env. Ag levels are much lower than modelled levels
- Data will be peer reviewed (credibility)
- Data will be accessible to authorities/researchers as robust reference
- Will allow more realistic risk assessments based on real data

24



3.2 Post-registration - Ag (3.2)

Publish Ag Monitoring Data

Downsides

- None, except time for manuscript preparation/ review

Practicalities/Cost

- WCA will prepare draft on their own time = no extra cost
- PMRC will be co-author = commenting rights

Recommendation

- Agree to publishing the data

Approval of publication proposal



3.2 Post-registration - Ag (4.1)

Soil Toxicity - Background

Standard tests (ongoing) will likely not demonstrate safe use

Uses at potential risk	Current situation	Possible revision	Possible revision - normalised
Manufacturers	0/39	35/39	9/39 (most others are very close to a risk)
Downstream Users (Physical use)	1/9	9/9	9/9



3.2 Post-registration - Ag (4.2) Soil Toxicity - Background

Options for refinement

- Exposure: completed; robust data available from GEMAS
- Effects: room for refinement - see below

Effects - Tiered Strategy

1. No test: derive tentative PNEC_{soil} (Ag dossier: via equilibrium partitioning method)
2. Standard tests - ongoing (will unlikely demonstrate safe use)
3. Leaching/Ageing correction (cf. CSIRO proposal) - recommended next step
4. *Species sensitivity distributions (SSD)*
5. *Biotic Ligand Models*
6. *etc.*

27



3.2 Post-registration - Ag (4.3) Soil Toxicity - Leaching/Ageing correction

Draft proposal received from CSIRO

Detailed scope to be discussed/agreed with TAP/ Ag WG in Q1 2011

Detailed contract to be discussed/agreed with TAP/LWG/MC before start
- consider key milestones + interim review period after a year

Projected Scope

- Conducted by CSIRO (supported/coordinated by WCA)
- 2 year project
- Total cost ca. 742 000 €:
 - CSIRO's in-kind contribution: 291 000 Euros = 39% of total
 - PMC's contribution: 451 000 Euros

Recommendation

- Peer review/Validate and accept CSIRO proposal (place-holder in 2011 budget)

Greenlight to proceed with CSIRO

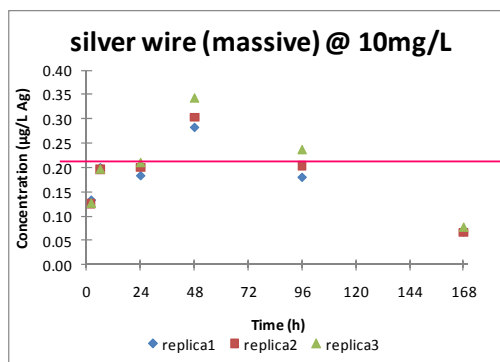
28



3.2 Post-registration - Ag (5.1) Classification - Background

Transformation/Dissolution Test massive Ag

- Results marginal, but indicate no env. class. necessary
- But, some questions remain to be clarified:
 - Shape of dissolution curve
 - Variability
 - pH
 - Role of epoxy matrix
 - Redox potential



29



3.2 Post-registration - Ag (5.2) Classification - Next steps

- Detailed scope to be discussed/agreed with TAP/Ag WG in Q1 2011.
- Likely to involve
 - TD repeat under different conditions (pH, matrix, etc.)
 - Unit world model (joint Eurometaux project - REACH package), etc.
- Budget: repetition of two full T/D tests assumed

Greenlight to proceed with refinement

30



3.2 Post-registration - Ag (6) Nanosilver

- Updated Guidance on substance id expected mid 2011
 - May include recommendation to jointly/separately register bulk from nanosize powder
- OECD programme results becoming available
 - May indicate (further) similarities/differences between silver and nanosilver
- Other ongoing work on nanosilver
- Need to monitor for potential impact on Ag dossier
- Proposal: leave PMC position unchanged and reconsider in Q3 2011

Approval of proposal

31



3.2. Post Registration - Ag (7) Summary

New data/requirements will appear on:

- Classification (TD massive Ag) and GHS updates, 2011
- PNEC soil, 2012
- Nanomaterials? 2011
- REACH Review? 2012
- New uses, continuously

Update of Ag dossiers not envisaged before 2013 (unless interim updates are done in the meantime or ECHA requires otherwise) - watch for other registration duties due in 2013

32



3.2 Post-registration - Refinables (1.1)



14 Dossiers in total: 6 as Trans > 1000 t/a



8 as other (Trans < 1000 t/a or on-site)



Registration by	Name	Status	Tonnage Band (t/a)	N° of PMC registrants	Lead Registrant
2010	1. Doré	Transported	> 1000	11	Aurubis
	2. PM matte	Transported	> 1000	4	Umicore
	3. PM slags	Transported	> 1000	10	Umicore
	4. PM slimes and sludges	Transported	> 1000	12	Aurubis
	5.1 Matte leaching residue	Transported	> 1000	4	Umicore
	5.2 Speiss leaching residue	Transported	100-1000	1	Umicore
	6.1 Ag electrolyte	On-site	> 1000	2	KGHM
	6.2 Au electrolyte	On-site	100-1000	1	Aurubis



33



3.2 Post-registration - Refinables (1.2)



Registration by	Name	Status	Tonnage Band (t/a)	N° of PMC registrants	Lead Registrant
2010	7. PM flue dust	Transported	100-1000	7	Johnson Matthey
	8. Residues cementation and reduction	Transported	100-1000	10	Heraeus
	9.1 Materials for reclaim, PM with or without support	Transported	> 1000	5	Johnson Matthey
	9.2 Materials for reclaim, PM in bricks, crucibles and trays	Transported	10-100	5	Johnson Matthey
	9.3 Materials for reclaim, PM production by-products	Transported	100-1000	4	Johnson Matthey
	10. Pb bullion, PGM rich	On-site	10-100	1	Vale Inco



34



3.2 Post-registration - Refinables (2)



- Refinables - all UVCB with complex compositions → complex classifications → complex Registration files
- Recent ECHA Guidance on intermediates (Dec 2010):
 - Much stricter interpretation of strict control
 - Although “only” Guidance, may influence review of REACH text due by 2012 (ongoing) and become legally binding
 - Registrants “invited” to update their registration files with undue delay
- Need to update Refinable dossiers from SCC intermediate to non-SCC intermediate dossiers - outcome of 11 Jan *ad hoc* meeting (see next slide)



3.2 Post-registration - Refinables (3)



- Meeting on 11 Jan 2011:
 - Detailed presentation from H. Waeterschoot explaining key changes in guidance + political landscape
 - Many questions from participants who are frustrated by the resulting Guidance and feel clarification + further advocacy is needed
 - PMC obliged to prepare to consequences of new ECHA Guidance while still supporting advocacy to reach compromise solutions with ECHA:
 - Undue delay → feasibility, bottle necks, strategies in place
 - Added value of read-across for UVCB!



3.2 Post-registration - Refinables (4)



- Strategy to update dossiers includes:



- **Inventory/re-scoping phase:** identification of Refinables which are not handled under SCC and which require update



- **Planning phase:** review of **identity/sameness** of streams grouped in each Dossier, resulting variability/classification clusters, and **splitting** needs and **advocacy** of the read-across/*de minimis* validation testing approach



- **Execution phase:** Generation, evaluation and validation of **effects, exposure and emission data** to update each dossier



- **Concluding phase:** Update of each IUCLID 5 file and submission of updated Registration Dossier to ECHA



3.2 Post-registration - Refinables (5)



- Based on preliminary survey, all files likely to require update



- Three files will require a sameness-check (process-based)



- Update will also be used as opportunity to increase overall quality of files



- Timeline: 2011 + 2012



- Budget (for 2011): > 600 000 € (conservative in light of uncertainties and bottle necks)



- includes involvement of HW, WCA, EBRC, ECTX, Harlan and others
- Excludes validation test costs and ARCHE's time



Approval of strategy



- Ag 
- Au 
- Ir 
- Os 
- Pd 
- Pt 
- Re 
- Rh 
- Ru 

4. Status and progress of PMC projects



- Ag 
- Au 
- Ir 
- Os 
- Pd 
- Pt 
- Re 
- Rh 
- Ru 

4.1 Ag Project

K. Rothenbacher, EPMF





4.1 Ag - Scope (1.1)

Registration by	Name	Status	Tonnage Band (t/a)	N° of PMC registrants	Lead Registrant
2010	Silver	Substance	> 1000	33	Aurubis
	Silver nitrate	Substance	100-1000	12	Ames Goldsmith
	Disilver oxide	Substance	10-100	6	Ames Goldsmith
2011*	<i>Disilver (1+) sulphate</i>	<i>Substance</i>	<i>1-10</i>	<i>2</i>	<i>Johnson Matthey</i>
	<i>Silver carbonate</i>	<i>Substance</i>	<i>1-10</i>	<i>3</i>	<i>Johnson Matthey</i>
	<i>Silver chloride</i>	<i>Intermediate</i>	<i>100-1000</i>	<i>7</i>	<i>Umicore</i>
	<i>Silver bromide</i>	<i>Intermediate</i>	<i>1-10</i>	<i>1</i>	<i>Umicore</i>
	<i>Silver sulphide</i>	<i>Intermediate</i>	<i>10-100</i>	<i>1</i>	<i>Umicore</i>

* Subject to discussion



4.1 Ag - Scope (1.2)

- In light of recent ECHA Guidance on intermediates, Members invited to confirm whether or not the materials they have declared as intermediates are still:
 - intermediates
 - handled under strict control
- Yes - scope remains unchanged
- No - scope may require to be adjusted (and consultants duly informed)
- Feed-back expected from Members by end of January 2011



4.1 Ag - 2011 work programme (2)



Environment



- TD testing massive Ag
- Refinement of soil tests
- Other
 - Publish env. monitoring data
 - Finalise BLM feasibility study

43



4.1 Ag - 2012 work programme (3)



Human Health



- Testing proposal for 90d feeding study
- ECHA approval not expected before 2012
- May require preparation in late 2011
 - Locate suitable CROs
 - Get quotes
 - Discuss and finalise testing plan

44



4.1 Ag - timeline for remaining compounds (4)



Register remaining five compounds...



Now	Once outstanding data is available
Available data sufficient to proceed to immediate registration	Consistent with PMRC approach of including all existing available information (based on read-across)
Dossiers almost ready, registration possible in Q3 2011 (outstanding data may not be available until 2013/14)	No legal obligation to submit in 2011. Deadline is only in 2018. Allows awaiting outcome of REACH Review 2012
Facilitates communication with DU: Registration number available immediately	May complicate communication with DU: Although REACH compliant (if pre-registered), no Registration number available immediately



45



4.1 Ag - timeline for remaining compounds (4)



Register remaining five compounds... (cont.)



Now	Once outstanding data is available
Administratively more burdensome: - five registrations now (would prevent PMRC to focus on other 2011 challenges), and - eight updates once outstanding data becomes available	Administratively simpler: - zero registrations now, and - three updates and five registrations once outstanding data becomes available
Less complete files - may require (payable) updates if data is added to the file upon request from authorities	Complete files - only (free) updates needed in case of changes in tonnage/ intermediate status, etc.



PMRC recommendation: wait until outstanding data is available

Approval of recommendation

46



- Ag 
- Au 
- Ir 
- Os 
- Pd 
- Pt 
- Re 
- Rh 
- Ru 

4.1 Ag - Timeline (5)

	2011												2012	2013		
	D	J	F	M	A	M	J	J	A	S	O	N			D	
TD massive Ag follow up																
90-day oral RDT - pending approval by ECHA															2012	2013
Refine soil PNEC															2012	
BLM - Ag bio-availability correction model test programme (scoping)		R														
Review BLM results with TAP/WG and agree on next steps																
Update silver dossiers based on TD and soil data																2013?



- Ag 
- Au 
- Ir 
- Os 
- Pd 
- Pt 
- Re 
- Rh 
- Ru 

4.2 Au + PM CN- Projects

C. Braibant, EPMF





4.2 Au - Scope (1.1)



Registration by	Name	Status	Tonnage Band (t/a)	N° of PMC registrants	Lead Registrant
2018	Gold	Substance	10-100	23	Carl Hafner
	Tetrachloroauric acid	Substance	1-10	4	Johnson Matthey
	Aurio(1+) 2,6,6-trimethylbicyclo[3.1.1]heptanethiolate	Substance	1-10	1	Johnson Matthey
	Balsams, copaiba, sulfurized, mixed with turpentine, gold salts	Intermediate	1-10	1	Heraeus



4.2 PM CN- - Scope (1.2)



Registration by	Name	Status	Tonnage Band (t/a)	N° of PMC registrants	Lead Registrant
2018	Potassium dicyanoargentate	Substance	10-100	5	
	Silver cyanide	Substance	1-10	6	
	Potassium dicyanoaurate	Substance	10-100	8	Umicore
	Potassium tetrakis (cyano-)aurate	Substance	1-10	2	



4.2 Scope (1.3)



- In light of recent ECHA Guidance on intermediates, Members invited to confirm whether or not the materials they have declared as intermediates are still:
 - intermediates
 - handled under strict control
- Yes - scope remains unchanged
- No - scope may require to be adjusted (and consultants duly informed)
- Feed-back expected from Members by end of January 2011

51



4.2 Au + PM CN- 2011 work programme (2)



- Q1: Draft ITS recommendation from WCA
- Q2: Discussion and finalisation of testing programme design
- Q3: Set-up of testing programme (including collection of samples)
- Q4: Start of testing programme



4.2 Au + PM CN- 2012 work programme (3)



- Q1-Q2: Finalisation of testing programme

- Q3-Q4: Evaluation of test results to consider next steps:

- Update of classification
- If hazard → CSA/CSR
- If no hazard → Registration preparation



4.3 PGM Project



K. Rothenbacher, EPMF



4.3 PGM - Scope (1.1)

Registration by	Family	Status	Highest tonnage Band (t/a)	N° of PMC Members registrations	Lead Registrants*
2013**	Platinum	11 substances 2 intermediates	Sub: 10-100 Int: 100-1000	58	Vale, JM, Umicore, Heraeus
	Palladium	16 substances 4 intermediates	Sub: 10-100 Int: 100-1000	73	Umicore, Heraeus, JM, C. Hafner
	Rhodium	13 substances 3 intermediates	10-100	46	Anglo, Heraeus, Umicore, Vale
	Iridium	4 substances 2 intermediates	1-10	20	JM, Umicore
	Ruthenium	6 substances 4 intermediates	10-100	27	Heraeus, Umicore, Vale

* Names in pink constitute LR for PGM metals in each case

** Deadline applicable to two high-tonnage intermediates; other substances due by 2018



4.3 PGM - Scope (1.2)

- In light of recent ECHA Guidance on intermediates, Members invited to confirm whether or not the materials they have declared as intermediates are still:
 - intermediates
 - handled under strict control
- Yes - scope remains unchanged
- No - scope may require to be adjusted (and consultants duly informed)
- Feed-back expected from Members by end of January 2011



4.3 PGM Project progress (2)



2008-2010:



- Phase I finalised: literature search reported in a matrix showing data gaps
- Phase II started:
 - Preliminary category building and integrated testing strategy (ITS) proposal
 - CLP testing programme defined
- Phase III started:
 - CLP testing programme finalised

57



4.3 PGM 2011 work programme (3.1)



Q1-Q3:



- Progress with Phase II:
 - Gather pH, solubility and other relevant data
 - Finalise Annex III assessment
 - Launch enabling tests (dustiness, bio-accessibility, etc.)
 - Finalise first part of ITS (robust read-across, waivers, first *in vitro* tests, etc.)
- Q4:
 - Finalise Phase II: finalise ITS for all endpoints and substances
 - Continue Phase III: plan testing programme
 - Plan Phase IV: plan exposure and emission data collection

58



4.3 PGM 2012-2013 work programme (3.2)



2012:



- Continue Phase III: Full testing programme
 - "Non-CLP" physico-chemical testing
 - Remaining tox/eco-tox testing



2013:



- Prepare Phase IV: Learning from Ag
 1. Proper development of effects data (Phase III),
 2. Assessment of effects data to identify hazards,
 3. Determine need for monitoring data and exposure routes,
 4. Launch data generation/collection process
 5. Perform CSA and iterative refinements



4.4 Re Project



C. Braibant, EPMF



4.4 Re - Scope (1.1)

Registration by	Name	Status	Tonnage Band (t/a)	N° of PMC registrants	Lead Registrant
2013	Rhenium	Substance	1-10	6	KGHM Ecoren
	Perrhenic acid	Substance	1-10	2	Heraeus
	Ammonium perrhenate	Substance	10-100	7	Heraeus
	Potassium perrhenate	Intermediate	1-10	1	Heraeus
	Sodium rhenate	Intermediate	1-10	1	Climax Molybdenum
	Dirhenium heptasulphide	Intermediate	1-10	1	Johnson Matthey



4.4 Re - Scope (1.2)

- In light of recent ECHA Guidance on intermediates, Members invited to confirm whether or not the materials they have declared as intermediates are still:
 - intermediates
 - handled under strict control
- Yes - scope remains unchanged
- No - scope may require to be adjusted (and consultants duly informed)
- Feed-back expected from Members by end of January 2011



4.4 Re Project progress (2)



2008-2010:



- Phase I finalised: literature search reported in a matrix showing data gaps
- Phase II finalised:
 - Preliminary category building
 - CLP testing programme agreed
 - Integrated testing strategy (ITS) finalised
- Phase III started:
 - Physico-chemical (CLP and REACH) and eco-tox tests finalised

63



4.4 Re 2011 work programme (3.1)



Q1-Q3:



- Finalise Phase III:
 - Conduct remaining tox tests
- Q4:
- Plan Phase IV:
 - Evaluate tox test results
 - Determine whether CSA/CSR applies and plan exposure and emission data collection + next steps as needed

64



4.4 Re 2012 work programme (3.2)



2012 (tbc):



- Prepare Phase IV: Learning from Ag



1. Proper development of effects data (Phase III),
2. Assessment of effects data to identify hazards,
3. Determine need for monitoring data and exposure routes,
4. Launch data generation/collection process
5. Perform CSA and iterative refinements



- Finalise Registration Dossiers and submit



5. Overview of 2010 expenses and 2011 budget proposal

C. Braibant & A.
Rondepierre, EPMF



5. General status by 30 Nov 2010

	Invoiced 2007-2010	Received 2007-2010 (*)	Spent 2007-2010 (**)	Reserve 2007-2010
Generic	1.263.625,09 €	1.250.535,45 €	1.109.025,81 €	141.509,64 €
Ag	1.126.289,83 €	1.126.289,83 €	876.808,08 €	249.481,75 €
Au	445.498,65 €	445.498,65 €	41.659,26 €	403.839,39 €
PM CN-	205.688,53 €	205.688,53 €	24.488,68 €	181.199,85 €
PGM	2.519.813,91 €	2.519.813,91 €	479.547,37 €	2.040.266,54 €
Re	328.351,96 €	314.330,12 €	115.898,16 €	198.431,96 €
Refinables	319.442,25 €	319.442,25 €	231.458,10 €	87.984,15 €
TOTAL	6.208.710,22 €	6.181.598,74 €	2.878.885,46 €	3.302.713,28 €

* All invoices but SEKOM's invoices 2009 and 2010(I) and all Members' 2010(2) invoices have been paid by 30 Nov 2010
 ** Expenses by 30 Nov 2010, do not include reimbursement of CLP testing samples to sample providers - especially significant for PGM

67



5.1 Status of 2010 expenses

	2010 budget	2010 expenses*	Justification (in addition to contingency + Dec)
Generic	479.355,30 €	387.228,41 €	End year payments Manager's contract discontinuation
Ag	570.135,52 €	503.742,46 €	
Au	343.601,74 €	30.676,44 €	Limited testing
PM CN-	135.733,03 €	14.398,68 €	Sample costs
PGM	1.981.479,21 €	246.778,96 €	Sample costs
Re	179.994,59 €	57.184,41 €	Limited testing Sample costs
Refinables	319.442,25 €	231.458,10 €	Limited testing Sample costs
TOTAL	4.009.741,63 €	1.471.467,46 €	

* By 30 Nov 2010

68



5.2 Status of 2010 incomes - LoA by 1 Jan 2011

	N° LoA	Income by 1 Jan 2011	Estimated total budget by 1 Jan 2011 for LoA calculation
Generic	10	385 000 €	4.291.757,89 €
Ag*	10	410 125 €	1.087.664,54 €
Au, PM CN-, PGM, Re	0	0 €	10.246.421,90 €
Refinables*	4	42 000 €	344.853,87 €
TOTAL		837 125 €	15.970.698,20 €

* LoA cost may need to be reviewed in line with new costs relative to dossier update

69



5.3 2011 Budget (1)

	2010 budget (for reference)	2011 budget	Justification
Generic	479.355,30 €	433.626,25 €	No Project Manager CB's maternity leave AR's employment
Ag	570.135,52 €	654.024,00 €	T/D, soil programme
Au	343.601,74 €	91.980,00 €	ITS development
PM CN-	135.733,03 €	22.980,00 €	Start testing
PGM	1.981.479,21 €	766.980,00 €	ITS development
Re	179.994,59 €	300.955,00 €	Finalise testing
Refinables	319.442,25 €	686.380,00 € + 150 000 €	Update Dossiers
TOTAL	4.009.741,63 €	2.956.925,25 €	

Approval of 2011 budget



5.3 2011 Invoices (2)



Options:

- Invoice full 2011 budget (- LoA)
- Invoice 2011 budget (-LoA) - full reserve
- Invoice 2011 budget (-LoA) - 50% reserve



- Options b) and c) lead to many credit notes instead of invoices



- Amounts would not be reimbursed but credited from next invoices



- Option a) would avoid credit notes, allow building firmer reserve and leading to payment holiday in 2012



Proposed schedule:

- First invoice in Mar 2011 (once 2010 accounts closed)
- Second invoice in Sep 2011



Approval of 2011 invoicing approach



5.3 Metal-specific budgets/incomes (3)



- Metal-specific budgets/incomes are not allocated/reimbursed to Members having no interest in concerned substances and intermediates



- Metal-specific budgets include:

- Consultants' time (deliverables + meeting participation)
- Literature cost
- Testing programme and samples cost
- IUCLID 5.2 dossier preparation (IT and consultants' time)
- Contingency for unknowns:
 - Currency fluctuations
 - Number and data available to external data holders
 - Number and type of tests required
 - Number and type of tests requiring repetition
 - Need for external peer reviewers where uncertainty
 - Consultants' time associated to above fluctuations
 - Other unknowns...



- Nothing in metal-specific budget goes beyond the preparation of a quality and successful REACH Dossier and/or CLP notification!



6. AOB, next meetings and closing remarks



6.1 OECD Programme - background (1)

- Programme aims at gathering globally approved/recognised reference data set for chemical assessment
- Approved data sets are summarised in a SIAR (SIDS Initial Assessment Report), and becomes a worldwide reference
- REACH data sets would become international references



6.1 OECD Programme - PMC's interest (2)



- No issue of Confidentiality - information summarised in SIAR in very generic terms



- Ownership of information in Registration dossier would remain unchanged



- Initially of relevance for substances in high volumes (Ag and Refinables with full dossier)



- Generic expression of interest required before the end of the 2010



Greenlight to confirm interest



6.2 Next PMC Plenary Meeting (1)



Cambridge, UK



17-18 June 2011





6.2 Next PMC Plenary Meeting (2)



- DoubleTree by Hilton Hotel (Granta Place, Mill Lane Cambridge CB2 1RT, UK; <http://doubletree.hilton.co.uk>)
- Recommended to travel through the London Stansted Airport
- Invitation will be sent soon



6.3 Next PMC Assembly Meeting



- Brussels, 6 Dec 2011 (Metals Conference Centre)



Thank you Andrew and all the best!

Welcome new (interim) chairperson and good luck!

Thank you all for your input today/this week!

See you at our next Assembly Meeting