



# Precious Metals & Rhenium Consortium

## MANAGEMENT COMMITTEE CONFERENCE CALL

16 April 2014 - 10:30 - 12:30 pm CET



## 1. Welcome & Introduction



Guy ETHIER - Umicore  
Caroline BRAIBANT - EPMF





- a) Reminder on confidentiality and Competition Law
- b) Tour de table & Apologies
- c) Approval of the agenda
- d) Approval of and status of the actions agreed at the last Mgmt Cttee conference call (18 March 2014)



## Status of Actions 18 March 2014 Mgmt Cttee call

	What?	Who?	When?	Status by 10 Apr 2014
1	Contact IPA and WGC to clarify the situation as regards the presence and use (or none) of nanoforms of Au and PGM on the EU market	CB	Apr 2014	
2	Contact reserved Member to inform about majority view and need to respect deadlines for comments and provision of constructive reservations	CB	Apr 2014	
3	Scope down exact role of PM sector in TCF supply/use chain	RN	May 2014	
4	Clarify if and how PM uses of of RCF are covered in the Registration Dossier for RCF	RN	May 2014	
5	Finalise second draft of each project plan and distribute to each WG for discussion, refinement, and approval	Each project manager	May 2014	
6	Prepare PMC interpretation and position on US EPA's interest for accessing REACH data	CB	Apr 2014	Cf. AOB
7	Prepare following items for approval by Mgmt Cttee before presentation to Assembly in Jun 2014: <ul style="list-style-type: none"> <li>• Status of 2013 payments, accounts and reserves</li> <li>• Status of 2014 invoices</li> <li>• Proposed 2015 budget</li> <li>• Cost projection for 2015-2020</li> <li>• LoA prices as from Jul 2014</li> </ul>	CB	Apr 2014	Today
8	Identify Chairperson and Co-chairperson candidates for Mgmt Cttee's mandate 2014-2016	GE + MR	May 2014	
9	Prepare a business case addressing the scope, timeframe, and co-sponsoring opportunities of the additional research on fate and bioavailability of nano(AgS) in soil with CSIRO (to be launched after receiving RIVM's draft decision on the Substance Evaluation of Ag).	Ag WG	End 2014	
10	Confirm scope (nano in or out) and identify missing LR for Au, PM CN-, and PGM projects	RN, and KR	Jun 2014	
11	Validate 'sensitisation' result of K dicyanoaurate and ensure the relevant TSCA 8(e) notification(s) are sent as soon as applicable	RN	Jun 2014	
12	Prepare MSDS for all Re substances and intermediates	KA	Jun 2014	
13	Finalise ID Cards for all remaining PMC substances and intermediates	KA + each LR	End 2014	



## 2. PMC Accounts, Budget, Projections and LoA prices

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Caroline BRAIBANT - EPMF

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### a) 2013 accounts: Late payers, status of audit and reserves

- Late payers:
  - Only SFPZ's 2013 invoice remains unpaid: 19 335,40 €
  - Several months without finding the right contact, then suddenly a new one
  - They have not received latest Ag information
  - Last warning (exclusion) sent on 20 Mar 2014
  - By 10 April: no contact, no payment
  - Next:
    - Recommend exclusion of SFPZ from PMC to Assembly
    - Register 2013 and 2014 dues as losses in PMC accounts
    - Remove SFPZ from any and all communications from PMC
- Audit:
  - Performed on 21 Mar 2014
  - No report available yet, but everything seems ok
- 2013 Reserves:
  - cf. next slide

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## a) 2013 accounts: Late payers, status of audit and reserves

	PMC 2013			
	Budget	Invoiced*	Spent	Delta**
Generic costs	601.278 €	471.395 €	508.852 €	92.426 €
Ag-specific costs	444.641 €	312.058 €	657.369 €	-212.728 €
Au-specific costs	148.950 €	-7.198 €	156.734 €	-7.784 €
PM CN- specific costs	361.105 €	268.498 €	216.764 €	144.342 €
PGM-specific costs	1.636.208 €	490.686 €	727.626 €	908.582 €
Re-specific costs	50.950 €	-61.770 €	26.422 €	24.528 €
Refinables-specific costs	612.150 €	385.185 €	248.332 €	363.818 €
Hydrazine-specific costs	38.220 €	29.344 €	45.588 €	-7.368 €
<b>TOTAL</b>	<b>3.893.502 €</b>	<b>1.888.198 €</b>	<b>2.587.687 €</b>	<b>1.305.815 €</b>

\* Difference between budgeted and invoiced amounts is due to use of reserves

\*\* Added to/Deducted from each project's cumulative reserves → cf. next slide

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## a) 2013 accounts: Late payers, status of audit and reserves

- 2013 Reserves

Project	Estimated reserves by end 2013	Real reserve confirmed in Mar 2014	Difference and justification
Generic	213.227,50 €	118.778 €	Project Facilitator's time had by mistake been charged to each project instead of under Generic Costs
Ag	208.192,20 €	-78.946 €	Invoices received from EBRC and WCA by end of the year, related to significant efforts involved in dossier update finalisation
Au	179.819,77 €	163.654,35 €	Negligible
PM CN	92.542,73 €	240.829,68 €	Studies anticipated for 2013 will only take place in 2014
PGM	903.735,08 €	2.053.812 €	Payment of studies commenced in 2013 will only apply in 2014
Re	127.423,34 €	139.398,83 €	Negligible
Refinables	758.637,58 €	519.064 €	Invoices received from EBRC and WCA by end of the year, related to significant efforts involved in dossier upgrade preparation
Hydrazine	0,00 €	1.508 €	Negligible

Note: PMC Secretariat will include budget tracking as responsibility of each Project Manager, to better estimate reserves and identify monies committed

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## b) PMC 2014: Status of reserves and invoices

- 2014 calculated upon closure of 2013 accounts and reserves
- Invoices sent on 27 Mar 2014, with deadline for payment 30 May 2014 (in order to report payment status at PMC Jun Assembly meeting)
- Some reserves were higher than estimated, some lower
  - Difference between amounts to be invoiced estimated in Dec 2013 and amounts actually invoiced in Mar 2014
  - Complaint from one Re Member regarding Generic costs being higher than estimated in Dec
  - Next: clear and explicitly report budget as final and invoices as indicative in meeting minutes
- Reserves are likely to be used more in 2014, which is a busy year (testing/lab+monitoring and exposure/consultancy work)



## c) PMC 2015-2020 Generic costs projection

- 2015 Proposed Budget

	PMC Budget
<b>Generic costs</b>	<b>746.140 €</b>
<b>Ag-specific costs</b>	<b>112.350 €</b>
<b>Au-specific costs</b>	<b>54.300 €</b>
<b>PM CN- -specific costs</b>	<b>61.350 €</b>
<b>PGM-specific costs</b>	<b>988.900 €</b>
<b>Re-specific costs</b>	<b>9.450 €</b>
<b>Refinables-specific costs</b>	<b>366.300 €</b>
<b>Hydrazine-specific costs</b>	<b>60.000 €</b>
<b>TOTAL</b>	<b>2.398.790 €</b>

Assuming: 1 Sec-Gen (1 FTE), 1 Off Mgr (0,8 FTE), 1 PMC Mgr (1 FTE), 1 Sc Mgr (1 FTE), and 1 PMC Project Factor (0,8 FTE)  
 25% Sec-Gen (0,2 FTE) and 10% Off Mgr (0,08 FTE) times allocated to EPMF, remaining to PMC  
 15% of general office and meeting costs allocated to EPMF, remaining to PMC

Permanent budget items + 77.700 € for technical consultancy work + dossier updates following DD on SE

Permanent budget items + 35.000 € for CSA/CSR + IUCLID 5 work

Permanent budget items + 35.000 € for CSA/CSR + IUCLID 5 work

Permanent budget items + 676.000 € for finalisation of testing programme + 310.000 € for CSA/CSR + IUCLID 5 work

Permanent budget items only

Permanent budget items + 255.000 € place-holder for validation testing + 103.000 € CSA/CSR + IUCLID 5 work

60.000 € place-holder for workplace exposure assessment work



## c) PMC 2015-2020 Generic costs projection

- Assumptions for 2015-2020 Secretariat:
  - EPMF will not deploy resources beyond REACH and current non-REACH agenda
  - PMC has registration, evaluation, and authorisation work for at least 2018 + two years after that (tentative buffer)
  - REACH is full of surprises and workload does not appear to decrease
  - There will be no LoA sold before 2018 (deducted from 2019 invoices), so 2015-2018 and 2020 Generic costs will likely be years of 'full Generic Costs'
  - PMC Secretariat will be composed of:
    - 1 Sec-Gen (0,8 or 1 FTE - currently considering 1 FTE)
    - 1 Off Mgr (0,8 FTE)
    - 1 PMC Mgr (1 FTE)
    - 1 Sc Mgr (1 FTE), and
    - 1 PMC Project Factor (0,8 FTE) - only one who may no longer be needed after 2018
  - 25% Sec-Gen (0,25 FTE) and 10% Off Mgr (0,08 FTE) times allocated to EPMF, remaining to PMC
  - 15% of general office and meeting costs allocated to EPMF, remaining to PMC
- Hence:

Year(s)	Basis	Estimated budget/year	Estimated amount/year per Member*
2016-2018	= 2015	~ 750.000 € * 3% annual inflation	16.700 €
2019	= 2015 - PMC Project Facilitator - LoA incomes of 2018	~ 375.000 €	8.400 €
2020	= 2015 - PMC Project Facilitator	~ 700.000 € * 3% annual inflation	15.600 €

\* Assuming 45 Member Companies

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## d) PMC 2015-2020 Metal-specific costs projection for Re and Refinables projects

RHENIUM Year(s)	Basis	Estimated budget/year	Estimated amount/year per Member*
2016-2018	= 2015	~ 9.500 € * 3% annual inflation	0 € (because enough reserves)
2019	= 2015 - LoA incomes of 2018	0 €? Credit Members back?	0 € (because enough reserves)
2020	= 2015	~ 11.000 € * 3% annual inflation	0 € (because enough reserves)

REFINABLES Year(s)	Basis	Estimated budget/year	Estimated amount/year per Member*
2016-2018	= 50% of 2015	~ 175.000 €	~ 5.000 €/Refinable
2019	Assumes work finalised	0 €? Credit Members back?	0 €
2020	Assumes work finalised	0 €	0 €

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## e) Review of PMC LoA Prices + formal leverage on LoA purchasers

Project / Dossier	Band	Exact amount	+ 20% contingency	Min	Max
Generic	N/A	31.743,77 €	38.092,53 €	32.000,00 €	38.500 €
Ag	Intermediate	98,52 €	118,23 €	100,00 €	125 €
	1-10	5.394,41 €	6.473,30 €	5.500,00 €	6.500 €
	10-100	6.872,28 €	8.246,73 €	7.000,00 €	8.500 €
	100-1000	14.754,22 €	17.705,06 €	15.000,00 €	18.000 €
	> 1000	103.426,03 €	124.111,24 €	103.500,00 €	124.500 €
Au	Intermediate	1.217,67 €	1.461,20 €	1.500,00 €	1.500 €
	1-10	18.944,33 €	22.733,20 €	19.000,00 €	23.000 €
	10-100	37.209,38 €	44.651,26 €	37.500,00 €	45.000 €
PM CN-	Intermediate	1.161,96 €	1.394,35 €	1.500,00 €	1.500 €
	1-10	16.425,86 €	19.711,03 €	16.500,00 €	20.000 €
	10-100	33.855,23 €	40.626,27 €	34.000,00 €	41.000 €
PGM	Intermediate	1.709,45 €	2.051,34 €	2.000,00 €	2.500 €
	1-10	22.929,52 €	27.515,42 €	23.000,00 €	30.000 €
	10-100	48.571,31 €	58.285,58 €	46.000,00 €	60.000 €
Re	Intermediate	1.264,29 €	1.517,15 €	1.500,00 €	2.000 €
	1-10	15.197,18 €	18.236,61 €	15.500,00 €	20.000 €
	10-100	34.161,56 €	40.993,87 €	34.500,00 €	41.000 €
Refinables	Intermediate	8.514,91 €	10.217,89 €	9.000,00 €	10.500 €

Note: LoA for generic costs to be increased, LoA for 2018 projects to consider as internal only (not to be made public)

**ACTION:** Continue monitoring LoA for Ag and Refinables on a yearly basis!

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## e) Review of PMC LoA Prices + formal leverage on LoA purchasers

Project / Dossier	Band	2010-2011	2012	2014
		Max	Max	Max
Generic	N/A	38.500 €	38.500 €	68.750 €
Ag	Intermediate	125 €	145 €	150 €
	1-10	6.500 €	8.000 €	7.950 €
	10-100	8.500 €	10.500 €	10.100 €
	100-1000	18.000 €	22.000 €	21.700 €
	> 1000	124.500 €	152.000 €	152.050 €
Au	Intermediate	1.500 €	2.500 €	2.300 €
	1-10	23.000 €	35.500 €	35.150 €
	10-100	45.000 €	69.000 €	69.050 €
PM CN-	Intermediate	1.500 €	2.000 €	2.050 €
	1-10	20.000 €	28.500 €	28.500 €
	10-100	41.000 €	59.000 €	58.750 €
PGM	Intermediate	2.500 €	2.500 €	2.550 €
	1-10	30.000 €	34.000 €	33.800 €
	10-100	60.000 €	71.500 €	71.600 €
Re	Intermediate	2.000 €	2.000 €	1.850 €
	1-10	20.000 €	22.000 €	21.850 €
	10-100	41.000 €	49.500 €	49.150 €
Refinables	Intermediate	10.500 €	12.000 €	11.700 €

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## e) Review of PMC LoA Prices + formal leverage on LoA purchasers

Leverage on LoA purchasers:

- In 2010 pressure of obtaining the joint submission object name and token security number to join joint registration legitimately was sufficient to promote consortium membership or LoA
- Above still valid for first time registrations, but not for registration updates which may in some cases trigger significant costs to the joint registrants
- PMC has asked EM to request an equivalent tool to the token security number for dossier updates as well, in order to ensure all members of joint registration refer to the latest version of a given dossier, and have contributed to its cost
- EM has developed a request with CEFIC and Concawe in order to progress this (unlikely to be operational before 1-2 years)

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## 3. AOB, Next Meetings/calls & Closing Remarks

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Guy ETHIER - Umicore  
Caroline BRAIBANT - EPMF

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## a) Ag REACH vs Ag Biocides

- PMC met with Ag TF in Dec 2013
- PMC and Ag TF compared scope of work and specificities of REACH and Biocides as regards Ag
- After meeting, no further feed-back from Ag TF until mid-Mar 2014
- Meanwhile, PMC has been contacted by Cu colleagues (also interested in Ag Biocide use) about possible collateral damage if KEMI submitted CLH dossier for silver zinc zeolite
- PMC has requested closer cooperation and preparation of response to possible CLH dossier (cf. next slides)



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### Registry of current Harmonised Classification and Labelling intentions

> Registry of Intentions

<b>Substance Name</b>	Silver zinc zeolite
<b>EC Number</b>	-
<b>CAS Number</b>	130328-20-0
<b>Expected date of submission</b>	31/01/2014
<b>CLP Annex VI Index Number</b>	-
<b>Dossier intended by</b>	Sweden
<b>Notification_date</b>	11/12/2013
<b>Other identifier</b>	-
<b>Other substance information relevant for CLH</b>	Ag <sub>2</sub> O ZnO (Na <sub>2</sub> O Al <sub>2</sub> O <sub>3</sub> SiO <sub>2</sub> ) Limits (by weight): Ag 0.5%-6%, Zn 5%-16%, Na <sub>2</sub> O Al <sub>2</sub> O <sub>3</sub> SiO <sub>2</sub> 60 - 85%, excluding other elements/ions of toxicological and environmental concern at the level at which they are present and where Na <sub>2</sub> O Al <sub>2</sub> O <sub>3</sub> SiO <sub>2</sub> refers to synthetic zeolite A (Linde type A).
<b>Proposed classification according to Directive 67/548/EEC (DSD)</b>	
<b>Proposed classification according to Reg (EC) No 1272/2008 (CLP)</b>	Carc. 2 H351 Repr. 18 H360D STOT RE 2 H373 Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 1 H410
<b>Regulatory programme</b>	BPD



## a) Ag REACH vs Ag Biocides

- Silver Zinc Zeolite profile:
  - Ag<sub>2</sub>O ZnO (Na<sub>2</sub>O Al<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub>)
  - Limits (by weight):
    - Ag 0.5%-6%
    - Zn 5%-16%
    - Na<sub>2</sub>O Al<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub> 60 - 85%
    - Excluding other elements/ions of toxicological and environmental concern at the level at which they are present and where Na<sub>2</sub>O Al<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub> refers to synthetic zeolite A (Linde type A)
- Classification proposed:
  - Carc. 2 H351
  - Repr. 1B H360D
  - STOT RE 2 H373
  - Skin Irrit. 2 H315
  - Eye Dam. 1 H318
  - Aquatic Chronic 1 H410
- Information to Mgmt Cttee - **Risk for Ag and Ag compounds:**
  - Allocation of HH effects to Ag!
  - Use of low Ag TF PNECs and DNELs as future reference!
  - Only 45 days to provide information in response to CLH dossier!
  - Ag TF is direct owner of Ag Biocides Dossier, PMC's data may be seen as secondary only (though on Ag, more recent, and more complete)!



## b) Refinables dossiers upgrades: update

- Article 10 Refinables dossiers finalised and sent to LR on 10 April 2014 - Katrien, EBRC, and WCA did an excellent work!
- Content on substance identification/variability justification had to be added last minute to address *ad hoc* ECHA requests made during call on 4 Apr 2014
- Additional content prepared by PMC Secretariat, and LR invited to review and correct (not reduce) text with their expertise
- One LR disagreed with additional content because:
  - Not pre-agreed with Refiners WG
  - SID has to be challenged by ECHA and then PMC provides further updates
- CB disagreed with above LR and indicated that if additional content (essential to sector's credibility) would not be left in by LR, PMC would submit information separately to ECHA for completeness
- Way forward may require LR+CB discussion with Mgmt Cttee



## c) EPA's access to REACH data

- EPA exploring possibility of using its subpoena authority to access REACH data

Background:

- EPA aware of relevant information being generated under REACH in the EU
- Some US companies are part of REACH consortia (via affiliates and/or OR)
- Some US companies inform EPA of REACH findings (via a typical TSCA 8(e) notification), others do not
- Some REACH consortia allow their members to provide REACH information to other authorities than REACH ones, others do not
- How to ensure EPA is informed of all relevant information? Two options:
  - TSCA 8(e) - formal but simple notification of new information (within 30 days of generation/validation)
  - Subpoena authority - formal and detailed request for information - EPA's last resort
- If EPA requests full study, ensure that IP rights are respected
  - Unfair to have EU generated data shared freely and without consideration for use and access rights/costs



## c) EPA's access to REACH data

- Clarify which consortia allow use of REACH data outside REACH/EU
- Clarify which consortia 'spontaneously' submit TSCA 8(e) notifications
- Recommend submission of TSCA 8(e) notifications
- If EPA requests full study, ensure that IP rights are respected
  - Unfair to have EU generated data shared freely and without consideration for use and access rights/costs
- Include this under TTIP discussions too
  - Inform EM EHS and Trade Committees



## d) GreenFacts' request for financial support

- GreenFacts publishes peer reviewed opinions on a number of items, including e.g. nanomaterials and as such, nanoAg
- GreenFacts contacted PM sector in order to collect funds/symbolic contribution (e.g. 1000 €) to pursue objective of informing truly
- For discussion by the Management Committee

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- Next meetings:
  - Need for any other Mgmt Cttee meeting or call?
  - PMC Assembly meeting: Bern, 12 June 2014
  - PMC Assembly meeting: Brussels, 3 December 2014
- Closing remarks

Thank you!

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