



# THE IRON PLATFORM

- ❖ A platform to support those companies and organisations outside the EUROFER cluster structure wishing to register iron substances.
- ❖ In effect a consortium of interested parties governed by a formal contractual agreement.
- ❖ Consortium agreement is based on the REACH Manganese Consortium agreement.
- ❖ Secretariat provided by the International Pig Iron Association [IPIA]
- ❖ Co-operation with EUROFER throughout the REACH implementation processes.



# MEMBERSHIP CATEGORIES

- ❖ Regular Member [two categories - tonnage related]
  - ❖ EU or non-EU producer
  - ❖ EU importer
  - ❖ Trade association whose members require iron dossier
  - ❖ Only Representative if an affiliate of an overseas producer
- ❖ Associate Member
  - ❖ Downstream user or representative thereof
  - ❖ Contributor of scientific and technical data



# MEMBERSHIP

- ❖ IPIA: merchant pig iron producers and importers
- ❖ HBI Association: merchant HBI producers and importers [also DRI producers and importers]
- ❖ Iron oxide pellet producers
- ❖ Metal powder producers and importers
- ❖ Ferro alloy producers and importers and their trade associations
- ❖ Iron oxide producers and importers
- ❖ Non-EU steel companies
- ❖ Corporates: Rio Tinto, BHP Billiton, Vale, etc.

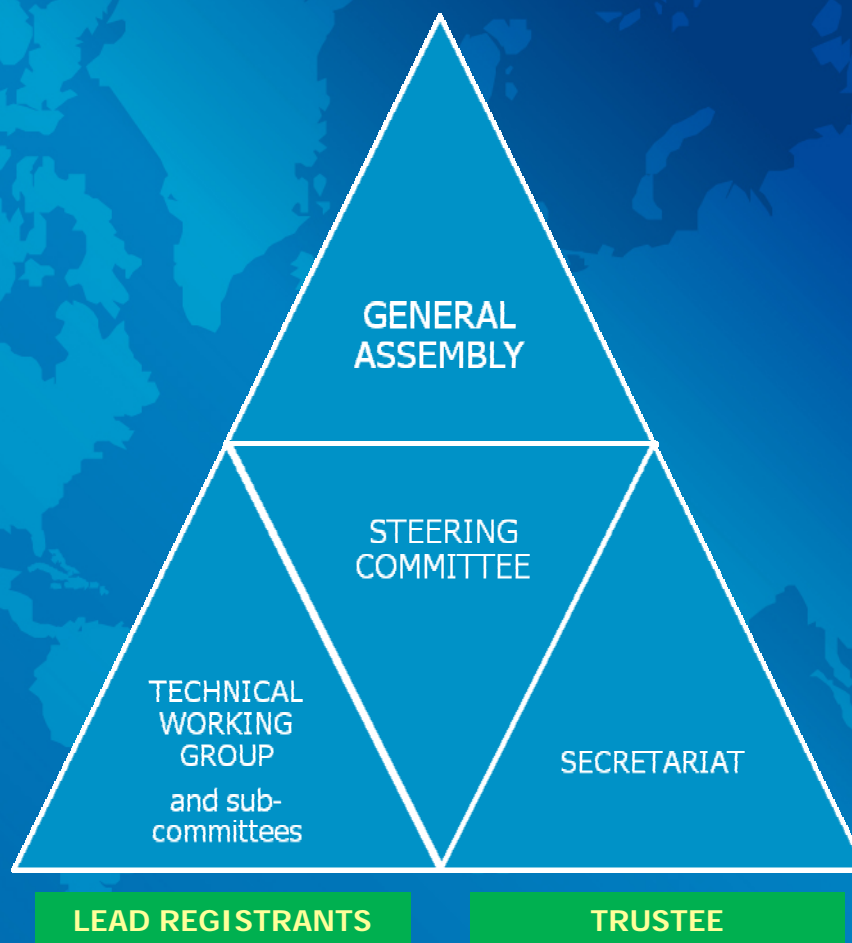


# TERM OF AGREEMENT

- ❖ Iron Platform consortium agreement became effective September 1<sup>st</sup> 2008.
- ❖ Platform will remain in existence until all registration dossiers have been submitted - may be extended by successive 12 months periods.
- ❖ IPIA will retain ongoing responsibility for issuing licences post dissolution of platform.



# IRON PLATFORM STRUCTURE



October 2nd 2008

INTRODUCTION TO THE IRON PLATFORM

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# TECHNICAL SUB-COMMITTEES

- ❖ Pig iron [IPIA members, Rio Tinto]
- ❖ HBI / DRI [HBIA members, Metalloinvest]
- ❖ Iron oxide pellets [Vale, LKAB, Samarco, Rio Tinto, ArcelorMittal Mines Canada, Metalloinvest]
- ❖ Iron powders
- ❖ Iron oxides
- ❖ Ferro alloys
- ❖ Steel products



# SUBSTANCES TO BE COVERED

Reference name	Formula	EINECS Number	CAS Number
<b>GROUP 1</b>			
Iron	Fe	231-096-4	7439-89-6
Iron, furnace	Fe	265-998-4	65996-67-0
<b>GROUP 2</b>			
Iron (II) oxide	FeO	215-721-8	1345-25-1
Iron (III) oxide (haematite)	Fe <sub>2</sub> O <sub>3</sub>	215-168-2	1309-37-1
Haematite iron pellets	Fe <sub>2</sub> O <sub>3</sub>	"	"
Iron (III) oxide	Fe <sub>2</sub> O <sub>3</sub>	215-570-8	1332-37-2
Iron (II, III) oxide (magnetite)	Fe <sub>3</sub> O <sub>4</sub>	215-169-8	1309-38-2 1317-61-9
Iron (III) oxide	Fe <sub>2</sub> O <sub>3</sub> H <sub>2</sub> O	257-098-5	51274-00-1
Iron (III) oxide hydroxide	FeO(OH)	243-746-4	20344-49-4
Iron (II) hydroxide	Fe(OH) <sub>2</sub>	234-346-0	11113-66-9



# CURRENT POSITION

- ❖ Iron data gap analysis has been contracted to Environ - initial report due to be delivered early in 2009.
- ❖ Questionnaire with request for studies and data submitted to Eurofer and Iron Platform members
- ❖ Pre-registration issues have been addressed
  - ❖ Characterisation of iron substances
  - ❖ EINECS numbers to be used
  - ❖ Individual substance issues
- ❖ “Road Map” for the registration processes under preparation



# PRE-REGISTRATION

SUBSTANCE	EINECS NO.	EINECS NAME	EINECS DEFINITION	RECOMMENDATION
IRON	231-096-4	[Fe]		
PIG IRON	265-998-4	Iron, furnace [Fe]	The metallic substance produced in a blast furnace or direct reduction furnace which contains >90% iron	Use separate entry for pig iron - not strictly necessary under REACH, but will simplify REACH discussions.
HBI/DRI	265-998-4			HBI and DRI can be treated as the same under REACH and have similar composition to pig iron.
IRON ORES , AGGLOMERATES [iron oxide pellets]	265-96-3	n.a.	Product of agglomerating iron ore fines, concentrates, iron sinter and other iron - bearing materials. Includes pellets, nodules and briquettes.	Use this entry for iron oxide pellets - pellets have not so far been exempted from REACH registration.



# PRE-REGISTRATION

SUBSTANCE	EINECS NO.	EINECS NAME	EINECS DEFINITION	RECOMMENDATION
IRON [III] OXIDE [haematite]	215-168-2	Di-iron trioxide [Fe <sub>2</sub> O <sub>3</sub> ]		Use this entry for high purity Fe <sub>2</sub> O <sub>3</sub> powder [another option would be 215-570-8, but this EINECS name is clearer.
IRON [II] OXIDE	215-721-8	Iron oxide [FeO]		
IRON [II, III] OXIDE [magnetic]	215-277-5	Tri-iron tetroxide [Fe <sub>3</sub> O <sub>4</sub> ]		Use this entry for synthetic Fe <sub>3</sub> O <sub>4</sub>

# IRON PLATFORM MEMBERSHIP COSTS



- ❖ Administrative costs to be shared by all Regular Members on pro-rata tonnage basis [no cost to Associate Members].
- ❖ Costs for the Core Data for iron to be shared on a pro rata tonnage basis among all Members.
- ❖ Cost for the Core Data for any other substance to be shared on a pro rata tonnage basis by those Regular Members registering that Substance.



# BASIS OF COST ALLOCATION

- ❖ Regular Members' Tonnage to be calculated annually on the basis of the total tonnage of iron contained in substances imported [customs cleared] into, or manufactured in, the EU by the Regular Member and its Affiliates during the previous financial year, as disclosed to the Trustee.



# PAYMENT OF COSTS

- ❖ Initial contribution to be €25,000 for Regular members with  $\geq 300,000$  tonnes Fe per year.
- ❖ Initial contribution to be €15,000 for Regular Members with  $< 300,000$  tonnes Fe per year.
- ❖ Initial contribution to be offset against share of costs.
- ❖ Minimum annual contribution to be greater of €15,000 or pro-rata share of budget costs.
- ❖ At each year end costs and contributions to be reconciled and adjustments made as necessary.