

# MI 7.0 MSDP Report

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## MI 6.0 MSDP, Report (March 2011)

	Category	Code	Use Case	Explanation
	<b>Under consideration for MI6.0, Q3 2012</b>			
<b>Demonstrator</b>	Input Data	E-I-05	Supplier Declaration Portal	An outward facing web portal to MI: Restricted Substances allowing suppliers
	Report	E-R-06	Find substances across all products	Given a substance, locate all of its uses in products (across the enterprise)
<b>Needs E-R-04</b>	Assess Business Risk	E-AR-09	Assess standard industry parts	Engineering systems can sometimes contain large numbers of standard
	Report	E-R-04	Record ID Translation	Translate material/process/part Identifiers for legacy parts in CAD systems or
<b>In Progress</b>	Assess Environ. Impact	E-AE-07	Reusing and combining Eco Audit	Write the results of an Eco Audit into a record in the Articles table. Enables
	Assess Environ. Impact	E-AE-05	Hole filling for Eco Audit reports	If customer data is not available for Eco-Audit reports, get fallback data from
<b>Partial soln</b>	Implanted Client	E-C-02d	Implanted clients for Siemens NX	Gateway implanted client running in Siemens NX CAD system. Key use
	Assess Environ. Impact	E-AE-10	MI:Viewer interface for BoM	MI:Viewer interface to allow the input and management of a Bill of Materials (BoM)
<b>Done</b>	Report	E-R-11	Reference to coating and other specs	New UCD added to MI6.0
<b>Added</b>				

## Also added to MI6.0

1. Important work on the reports and BoM generator
2. Proper reference to specs – materials, coatings, etc
3. Critical materials
4. ProE and NX Eco Audit
5. Coatings substitution
6. Installers
  - Custom reports
  - Excel 2003, 2007 and 2010 BoM generators
7. Enhanced databases
  - Eco Audit DB
  - RSDB



## MI7.0 MSDP Report: (Oct 2011 Vote)

To be discussed in this meeting

Code	Use Case	Explanation	Further Informatic	Score	Count
E-AE-08	LCA data exchange	Ability to import and use a third party eco database (ecoinvent, GaBi etc.) within Eco Audit.	<a href="#">UCD</a>	24	7
E-AR-00	Display risk metrics on material, coating, substance and	There are various sources of business risk associated with environmental issues including the risk of	<a href="#">UCD</a>	22	7
E-ER-02	Design for risk reduction	A set of tools available within designer's native computer environment, intended to help designers reduce risk.	<a href="#">UCD</a>	20	5
E-AE-03	Assess resources used in manufacture of a product	Resource use - energy, materials, water, 'fly to buy ratio'... how much material is bought-in compared to how much ends	<a href="#">UCD</a>	18	5
E-S-02	Substance substitution	Suggest possible alternative substances for a given combination of material+substance (eg flame retardent)	<a href="#">UCD</a>	17	7
E-C-02	Implanted clients for specified CAD/CAE/PLM	Each CAD, CAE and PLM requires its own 'binding' for the implanted client technology.	<a href="#">UCD</a>	13	5
E-S-05	Material selection accounting for restrictions due to	In some cases, Access Control could be used to filter out materials that are not allowed because of substance	<a href="#">UCD</a>	12	5
E-AE-01	Estimate wastes and emissions	Estimate wastes and emissions generated by a manufacturing process. Solid and liquid wastes, air-borne and	<a href="#">UCD</a>	10	3
E-I-03	Connect to external substances databases	Interface Eco tools with external restricted substances databases - eg EMARS/Insight, SAP	<a href="#">UCD</a>	6	2