



CLEPA IMDS SUPPLIERS' GROUP MEETING

Stuttgart, 5th November 2009

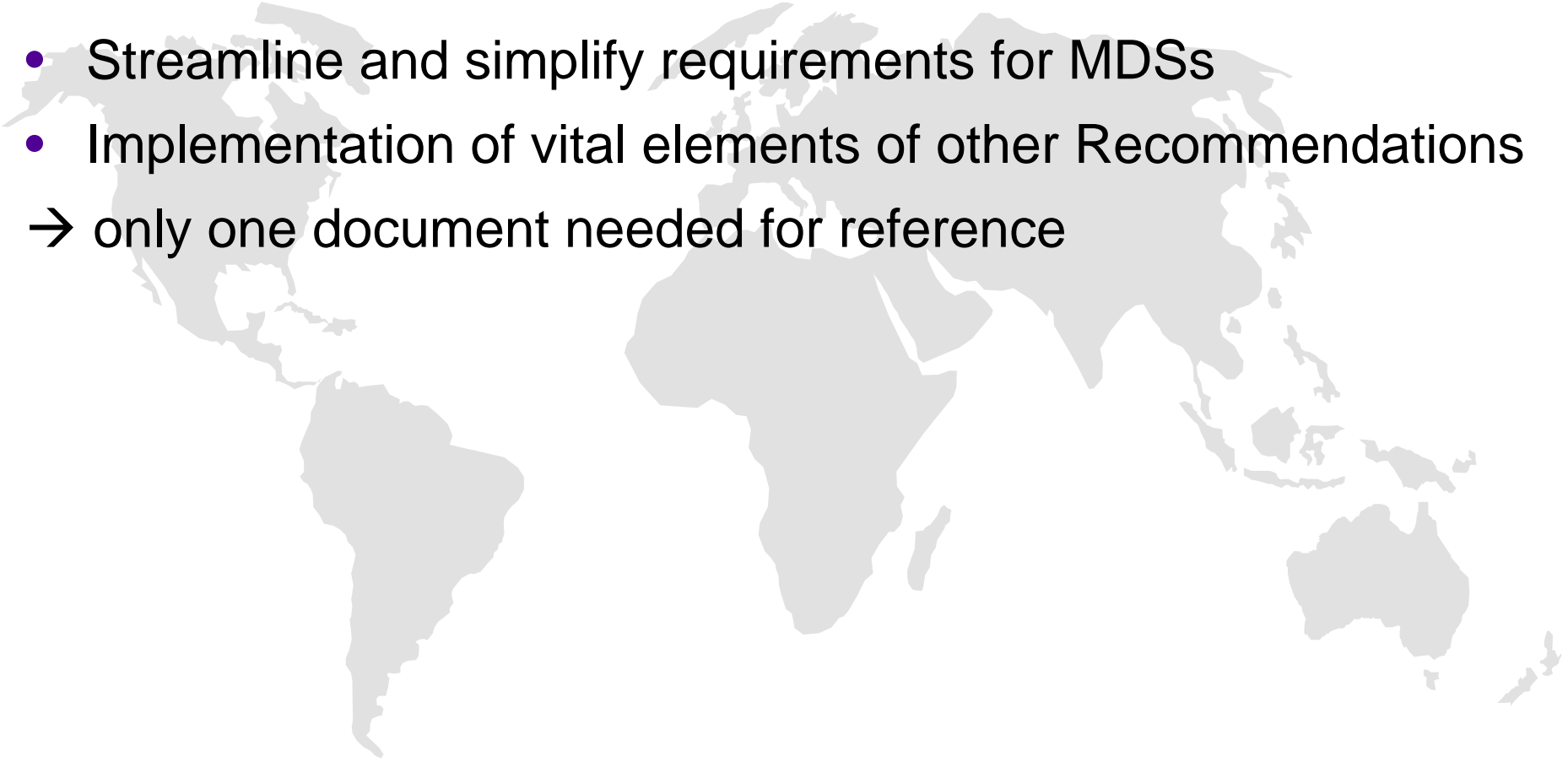
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Rework of IMDS 001

Aims

- Streamline and simplify requirements for MDSs
 - Implementation of vital elements of other Recommendations
- only one document needed for reference



Rework of IMDS 001

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Rework of IMDS 001

Key features

- Separation in layout between descriptive parts and rules & guidelines
- Separation of requirements in rules & guidelines
- Numbering of rules & guidelines for easier reference
- Simplification or clarification of requirements (e.g. ranges)
- Incorporation of key elements of IMDS 019 and 022
- Examples will be published in a separate Annex I

Rework of IMDS 001

Key features

Separation in layout between descriptive parts and rules & guidelines

4.3 Semi-components

The following section describes the requirements of a semi-component parent node.

4.3.1 General Information

A **semi-component** is a semi-finished product (example: steel coil, pipe, leather hide) that will go through further process steps (example: cutting, stamping) to make a finished component. A semi-component does not have a stated weight as before further processing, the weight cannot be defined. Therefore a semi-component MDS is created without a weight attached. However, it is possible to enter a usage weight type (example: kg/m², kg/m) for a semi-component in order to make weight calculations easier once the semi-component MDS is attached to or changed into a component node. A semi-component can contain several materials (see Figure 3).

Rule/Guideline	Description
Rule 4.3.1.A	A semi-component parent node must have at least one material or one semi-component child node.
Rule 4.3.1.B	Starting with IMDS 7.0, the usage weight type (kg/m, kg/m ² or kg/m ³) of the semi-component to must be entered.



Rework of IMDS 001

Key features

Separation of requirements in rules & guidelines

4.2 Components ■

The following section describes the require




Rule/Guideline	Description
Rule 4.2.1.A	A component top node must have at least one sub-component, one semi-component or one material child node.
Rule 4.2.1.B	The component name must not be the default name generated by the IMDS (example: Component_12345678)
Rule 4.2.1.C	The top node component name must be descriptive and be in line with applicable customer specifications. If the component is a top node and will be sent
Guideline 4.2.1.c	If applicable, the top node component name should be similar to the Bill of Material (BOM) description.



Rework of IMDS 001

Key features

Numbering of rules & guidelines for easier reference

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Key features

Simplification or clarification of requirements (e.g. ranges for substances)

Rule/Guideline	Description								
Rule 4.5.4.A	The portion type "range" must be used solely to reflect real variations of a basic substance in a material. Ranges must not be used as a means to avoid declaring the full composition of a material.								
Rule 4.5.4.B	<p>If the portion type "range" is selected, the following maximum portion ranges apply:</p> <table border="1"> <thead> <tr> <th>Portion: from X % to Y %</th> <th>Maximum M = Y % - X %</th> </tr> </thead> <tbody> <tr> <td>$0 \leq X \leq 7.5$</td> <td>$M \leq 3$</td> </tr> <tr> <td>$7.5 < X \leq 20$</td> <td>$M \leq 5$</td> </tr> <tr> <td>$20 < X \leq 100$</td> <td>$M \leq 10$</td> </tr> </tbody> </table> <p>If ranges are used (example: 2 % - 8 %), the smaller number defines the row and M value in the table to be used. Consequently, the range 2 % - 8 % is not allowed because for the lower limit 2 %, the maximum Y value is 5 (2 + 3 = 5).</p> <p>Exemptions from this rule:</p> <p>A basic substance as part of a material that is defined with a larger range in a public norm (although in this case, the respective material MDSs published by the IMDS Steering Committee should preferably be used when available).</p> <p>A basic substance as part of a material is defined with a larger range in an in-house specification (see 4.4.2 In-house Norms). This in-house specification must be part of the delivery conditions.</p> <p>Basic substances in MDSs published by the Steering Committee (Supplier: IMDS-Committee, ID 423; IMDS-Committee/ILI Metals, ID 18986 or Stahl und Eisen Liste, ID 313).</p>	Portion: from X % to Y %	Maximum M = Y % - X %	$0 \leq X \leq 7.5$	$M \leq 3$	$7.5 < X \leq 20$	$M \leq 5$	$20 < X \leq 100$	$M \leq 10$
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Key features

Incorporation of key elements of e.g. Rec022:

Rule/Guideline	Description
Rule 3.2.1.A	When a new part or material is introduced to a customer for the first time, a new MDS (new IMDS ID) has to be created.
Rule 3.2.1.B	The addition of any new material(s) or the elimination of any already reported material(s) contained in a part requires the revision and resubmission of the corresponding MDS.
Rule 3.2.1.C	<p>A change in mass of a part exceeding the allowed deviation listed on the production part drawing or in customer Quality Management Guidelines requires the revision and resubmission of the corresponding MDS.</p> <p>Small changes made over a period of time may accumulate to be significant, and in that case, a resubmission of the MDS is required. The customer may determine the significance of the change according to Quality Management Guidelines.</p>
Rule 3.2.1.D	When there is a change to the GADSL (suppliers to Renault: BGO list), all MDSs that have a joker/wildcard in their tree structure must be reviewed to determine whether the substance that the joker/wildcard replaces is now declarable or prohibited. All substances marked as confidential must undergo the



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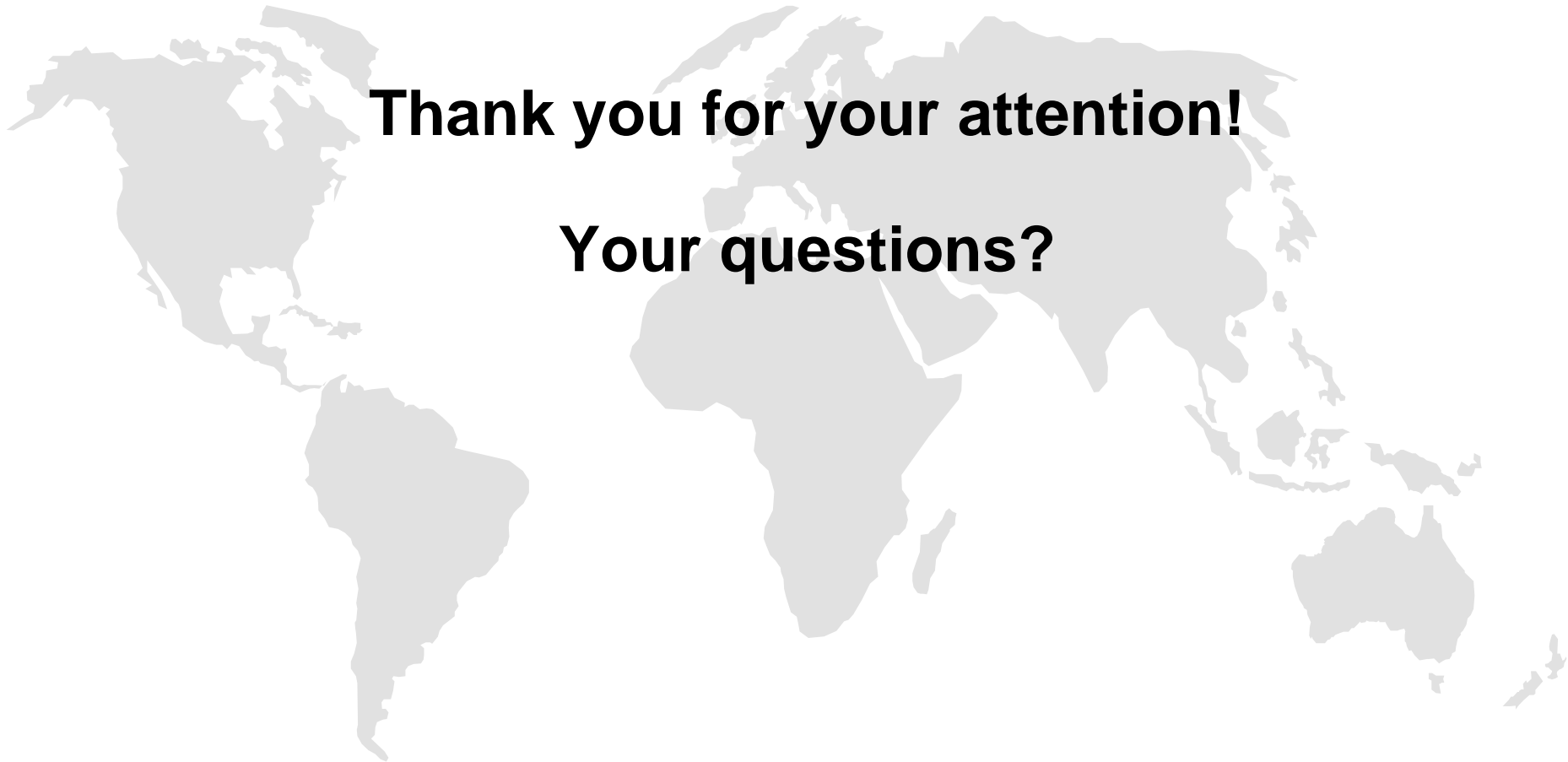
State of discussion

- Final draft accepted by JAPIA
- Some comments from AIAG
- Some comments from CLEPA

Publication planned for mid of November 2009

Getting effective 3 months after publication.

Thank you to the associations for your input and feedback !



Thank you for your attention!

Your questions?