Information sharing system for technical regulations

Project MASTERS
(Model for Assessment of Technical Regulations and Standards)

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FAQ

The list of possible inquiries

**Target-oriented inquiries from country A users**
- What are the products requirements in country B?
- What are the common products requirements in countries A and B?
- What are the differences between products requirements in countries A and B?
- How to confirm requirements conformity in country B?
- What country has the same products requirements as country B?
- What are the international (regional) requirements for this type of products?
- What is the common international part of the requirements A and B?
- How to prove the fact that the products from country A obliges (does not oblige) the requirements set by country B?
- Does the products A correspond to the requirements in country B?
- Who can help with that?

**Auxiliary inquiries**
- Customs statistics.
- Products classification and documents.
- Information on standardization and conformity assessment bodies (contacts).
- International trade legislation.
- Useful informational resources (informational websites and portals)
General principle of information retrieval on the basis of The Model

Site A
- Data on requirements for object in country A
- Framework (ontology) for specific object of regulating
- Users

Site B
- Data on requirements for object in country B

Diagram:
- INFOSTREAM
- FRAMEWORK (ONTOLOGY)
- MASTERS MODEL
- DATA RETRIEVAL
Comparison of scope of requirements (elements) of model “L” for technical harmonization and MASTERS model
Principle of information storage

Framework elements

Country A
Country B
Country A
Country B
Country A
Country E
Country A
Country E
Country E
Country A
Country B
Country B
Country F
Country F
Country E
Country E
Country E
Country F
Country F
Country E
Country E
Country E
Country F
Country F
Sharing the INFOSTREAM information
Model structure

- Scope
- Terms and definitions
- List of elements (objects and aspects), subjected to regulation
- Classifiers or Codification systems for elements (objects, products, dangers, impacts, measures)
- Common schemes (trees) for danger transfer
- List of harmonization levels
- Methodology for harmonization assessment

Harmonization levels (10)

- Common system for TR
- Common TR
- Common requirements of conformity assessment procedures
- Common international standard
- Common regional standard
- Common national standard
- Common provision of standard
- Common safety requirements
- Common safety indicators
- Common values for safety indicators

Identity (1-6), Equivalence (7-10)
Type of dangers

- Mechanical
- Electrical
- Thermal
- Radiation
- Chemical (materials and substances)
- Ergonomic
- Biological
- Physical (noise, vibration)
- Climatic
- Physiological

Requirements are imposed on the next object

1. Class, Group of goods
2. Good Dangerous properties
3. Impact, Influence, Threads
4. Safety measures (barriers)
<table>
<thead>
<tr>
<th>Activity</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set up Ad Hoc working group</td>
<td>End of 2010</td>
</tr>
<tr>
<td>Development of MODEL</td>
<td>March 2011</td>
</tr>
<tr>
<td>Development of Frameworks for priority sectors</td>
<td>June 2011</td>
</tr>
<tr>
<td>Recommendations on usage Frameworks</td>
<td>December 2011</td>
</tr>
<tr>
<td>Development of Data Bases</td>
<td>End of 2012</td>
</tr>
<tr>
<td>Information sharing</td>
<td>From 2012</td>
</tr>
<tr>
<td>Purposes of participation in development of MASTERS model and INFOSTREAM system for various groups of users</td>
<td></td>
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<td>----------------------------------------------------------------------------------------------------------------</td>
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<tr>
<td><strong>Trading advisers</strong></td>
<td>Expansion of possibilities of information use in one’s own interests for rendering assistance to clients</td>
</tr>
<tr>
<td><strong>Exporters</strong></td>
<td>Increase of reliability of obtained information on product requirements in other countries</td>
</tr>
<tr>
<td><strong>Importers</strong></td>
<td>Increase of reliability of obtained information on imported product requirements in manufacturing countries</td>
</tr>
<tr>
<td><strong>Employees of regulating authorities</strong></td>
<td>Analysis of presence of technical barriers to trade between the countries</td>
</tr>
<tr>
<td><strong>Experts in development of technical regulations</strong></td>
<td>Harmonization of technical legislation between the countries</td>
</tr>
<tr>
<td><strong>Experts of certification bodies (CB) and test laboratories (TL)</strong></td>
<td>Assessment of product conformity to the requirements of technical regulations</td>
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<tr>
<td><strong>International trade organizations and organizations promoting development of trade</strong></td>
<td>Harmonization of international legislation in the field of trade</td>
</tr>
<tr>
<td><strong>Employees of WTO inquiry points</strong></td>
<td>Answers to inquiries of national interested parties about trade conditions with other countries</td>
</tr>
<tr>
<td><strong>Students (teachers)</strong></td>
<td>Obtain and review knowledge in TBT sphere</td>
</tr>
<tr>
<td><strong>Sellers (buyers)</strong></td>
<td>Data accessing on product requirements and on product conformity to these requirements</td>
</tr>
<tr>
<td><strong>Customers of products</strong></td>
<td>Analysis of possibility of placing orders in the organizations from other countries</td>
</tr>
<tr>
<td><strong>Executors of orders</strong></td>
<td>Data accessing on product requirements in the customer’s country</td>
</tr>
<tr>
<td><strong>Supervision and control bodies</strong></td>
<td>Analysis of risk of discrepancy of products delivered from other countries</td>
</tr>
<tr>
<td><strong>Consumer protection societies</strong></td>
<td>Protection of consumers against hazardous and poor-quality products delivered from other countries</td>
</tr>
<tr>
<td><strong>Customs bodies</strong></td>
<td>Analysis of documents for products moved through customs border</td>
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</tbody>
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Thank You