Standardization Process in Japan's Quality Infrastructure
In Year 2014

Standardization Program for New Market Creation

designed by the Ministry of Economy, Trade and Industry to help companies develop standards to promote their innovative products or technologies.

-not to replace the current system;

-but to give companies the alternative path to make standards.
How Standards are made

Conventional system (example)

Industrial Association
- Company A
- Company B
- Company C
- Company D
- Company E

Drafting Committee
- Producers
- Consumers/users
- Academia

Consensus

JISC Standard Committee

Publication

Consensus
In cases

- A SME made a unique and excellent product or technology
- Such product or technology could potentially expand the existing market or even create a new market
  - there is no proper standard used to evaluate them (need for a new standard)
In addition, if

1. No relevant industrial association identified

2. A relevant association identified, but they do not or will not draft such standard;

or

3. A standard could be relevant to multiple industries (problem of coordination)

use of new program can be considered
How Does It Work?

New program

SMEs

Supported by JSA advisor, local organization

Drafting Committee

Testing lab.

Academia

JSA

Consensus

JISC Standard Committee

Publication
SMEs Supported by

1) JSA’s Standardization Advisors

JSA has experts who have long experience of standardization in industries and academia.

SMEs will receive advices on
- if making a standard is beneficial
- type of standard to be made,
and more.
SMEs Supported by

2) Partnership with Local Organizations

SMEs receive various supports from partnered organizations, including local financial institutions, public testing laboratories, universities.

  e.g. Business matching, sales expansion, effective use of intellectual properties
## Examples

<table>
<thead>
<tr>
<th>High functional containers for liquid</th>
<th>Physical assistant robots for lumbar support</th>
<th>Impact reducing TATAMI Mats</th>
</tr>
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<tbody>
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<td><img src="image1.png" alt="High functional containers" /></td>
<td><img src="image2.png" alt="Physical assistant robots" /></td>
<td><img src="image3.png" alt="Impact reducing TATAMI Mats" /></td>
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Benefits (example)

1. Fast making of practical standards
   Fast standardization of innovative products which can be used by industries or general public

2. Better quality products
   Eliminate products of poor quality from the market.

Targets

   A hundred standards to be developed through this new program by 2020.
Thank you

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