About the Japan Hydrogen Association
1. Background to Establishment

(1) Global trends

Initiatives for the development of a hydrogen society are accelerating in countries around the world.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event/Strategy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>European Green Deal proposed (December 2019)&lt;br&gt;Target set to achieve net-zero CO2 emissions by 2050&lt;br&gt;EU hydrogen energy strategy announced (July 2020)</td>
</tr>
<tr>
<td>Germany</td>
<td>National hydrogen energy strategy adopted (July 2020)</td>
</tr>
<tr>
<td>Japan</td>
<td>Basic Hydrogen Strategy established in 2017. Since then, a Strategic Road Map for Hydrogen and Fuel Cells and Strategy for Developing Hydrogen and Fuel-Cell Technologies have been established.</td>
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</tbody>
</table>
1. Background to Establishment

(2) Issues

1. Generating hydrogen demand
   - Energy for transportation equipment, electric power generation, etc., non-energy for chemicals, steel, etc.

2. Cutting costs through technological innovation
   - Cut manufacturing, transportation, storage, and other costs through technological innovation

3. Providing funds to businesses
   - Necessary to simultaneously increase demand and reduce costs

A cross-sector organization is needed to solve these three issues
## 2. Overview of the Association

<table>
<thead>
<tr>
<th>Purpose</th>
<th>As a cross-industry and open organization with a bird’s eye view of the entire supply chain, it will support the early creation of a hydrogen society by carrying out social implementation projects</th>
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</thead>
<tbody>
<tr>
<td>Name</td>
<td>Japan Hydrogen Association (abbreviated “JH2A”)</td>
</tr>
<tr>
<td>Joint Representatives</td>
<td>Takeshi Uchiyamada, Chairman of the Board of Directors from Toyota Motor Corporation&lt;br&gt;Takeshi Kunibe, Chairman of the Board from Sumitomo Mitsui Financial Group, Inc.&lt;br&gt;Akiji Makino, Chairman and CEO from Iwatani Corporation</td>
</tr>
<tr>
<td>Organization type</td>
<td>Organization type: Unincorporated association (establishment of a general incorporated association will be pursued)</td>
</tr>
<tr>
<td>Members</td>
<td>87 companies (As of December 2, 2020)</td>
</tr>
</tbody>
</table>
3. Organizational Structure

- **General Assembly**
  - Decides important matters
  - Elected by managing board members
  - Meets 1 – 2 times annually

- **Executive Board**
  - Decides matters under the sole authority of the board
  - Elected by managing board members
  - Meets about once per quarter

- **Auditor**
  - Oversees accounts and operations
  - Elected by managing board members

- **Secretariat**
  - Association operations

- **Planning and Operations Committee**
  - Deliberates on specific activities of the association

- **Commercialization and Regulatory WG**

- **External Relations WG**

- **Research WG**
4. Details of Activities (Topics)

1. Propose and coordinate social implementation projects
2. Investigate creation of funds, and basic management and operations
3. Make policy proposals on generating demand, deregulation, etc.
4. Undertake international activities
5. Collect, analyze, and disseminate information in Japan and Overseas
5. Details of Activities (Working Groups)

1. Commercialization and Regulatory Working Group
   Make proposals to the government for the creation of social implementation projects, deregulation, etc.

2. External Relations Working Group
   Collaborate with other related organizations, reinforce collaboration with the Hydrogen Council, conduct public relations

3. Research Working Group
   Conduct research and analysis, disseminate information, prepare research reports
6. Implementation of Projects

Project Proposals

1. Projects relating to local production for local consumption
   - Use special zones in collaboration with local governments

2. Projects relating to supply chains
   - Solve overseas problems relating to the manufacture, transport, and storage of hydrogen

3. Projects relating to the expansion of demand
   - Increase demand for commercial vehicles, railways, ships, and in the chemical and steel industries
## 7. Future Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Activity</th>
</tr>
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<tbody>
<tr>
<td>2020</td>
<td>December</td>
<td>Event commemorating the association’s establishment</td>
</tr>
<tr>
<td>2021</td>
<td>Jan. – Feb.</td>
<td>Deliberate on details of working group activities</td>
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<tr>
<td></td>
<td></td>
<td>Identify issues relating to the widespread use of hydrogen</td>
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<td></td>
<td>February</td>
<td>Gather information for policy proposals</td>
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<tr>
<td></td>
<td></td>
<td>Make proposals to the government</td>
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