

# About the Japan Hydrogen Association



**JAPAN**  
**HYDROGEN**  
**ASSOCIATION**

December 7, 2020

# 1. Background to Establishment



## (1) Global trends

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

Europe	European Green Deal proposed (December 2019) Target set to achieve net-zero CO2 emissions by 2050 EU hydrogen energy strategy announced (July 2020)
Germany	National hydrogen energy strategy adopted (July 2020)
Japan	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.

# 1. Background to Establishment



## (2) Issues

Issues for accelerating the creation of a hydrogen society

- 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

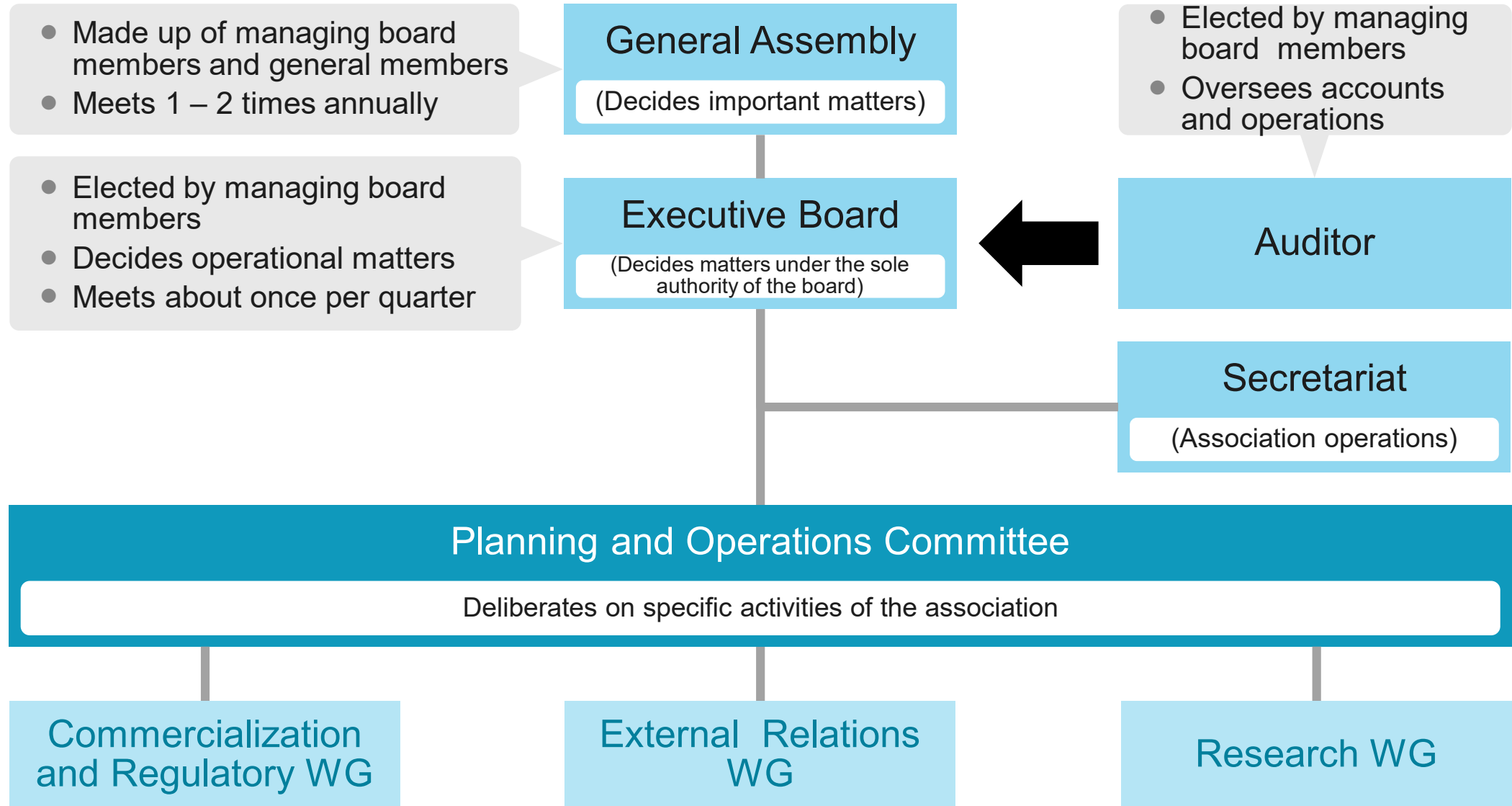
A cross-sector organization is needed to solve these three issues

## 2. Overview of the Association



Purpose	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
Name	Japan Hydrogen Association (abbreviated "JH2A")
Joint Representatives	Takeshi Uchiyamada, Chairman of the Board of Directors from Toyota Motor Corporation Takeshi Kunibe, Chairman of the Board from Sumitomo Mitsui Financial Group, Inc. Akiji Makino, Chairman and CEO from Iwatani Corporation
Organization type	Organization type: Unincorporated association (establishment of a general incorporated association will be pursued)
Managing Board members	9 companies (in alphabetical order) ENEOS Corporation, Iwatani Corporation, Kawasaki Heavy Industries, Ltd., Kobe Steel, Ltd., MITSUI & CO., Ltd., Sumitomo Mitsui Financial Group, Inc., The Kansai Electric Power Company, Inc., Toshiba Corporation, Toyota Motor Corporation
Members	87 companies (As of December 2, 2020)

# 3. Organizational Structure



# 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



2020	December 7	Event commemorating the association's establishment
2021	Jan. – Feb.	Deliberate on details of working group activities Identify issues relating to the widespread use of hydrogen Gather information for policy proposals
	February	Make proposals to the government



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