

Introduction of Japan Hydrogen Association (JH2A)



JAPAN
HYDROGEN
ASSOCIATION

November 2021

1. Background for Foundation

(1) Global Trend

Initiatives for developing hydrogen society are accelerating around the world

Europe

The European Green Deal (Dec 2019)
Carbon neutral by 2050
EU Hydrogen Strategy (Jul 2020)

Germany

National Hydrogen Strategy (June 2020)

Japan

Basic Hydrogen Strategy (2017)
Strategic Roadmap for Hydrogen and Fuel Cells (2019)
Strategy for Developing Hydrogen and Fuel Cells (2019)

1. Background for Foundation

(2) Hurdles

3 hurdles to promote hydrogen society:

1 Demand creation

Mobility, power, chemicals, steels

2 Cost cuts by innovation

Reducing production/shipping/storage costs by innovations

3 Providing funds

Important to realizing 1 and 2 at the same time

An inter-sector association needed to solve these hurdles

2. About Us

Mission	Develop hydrogen society rapidly, by realizing implementation projects, with overall supply chain, as an inter-sector and open association	
Name	Japan Hydrogen Association (JH2A)	
Chairmen	Takeshi Uchiyamada, Chairman of the Board of Directors, Toyota Motor Co. Takeshi Kunibe, Chairman of the Board, Sumitomo Mitsui Financial Group Akiji Makino, Chairman and CEO, Iwatani Corporation	
Establishment	December 2020 as Voluntary Group, aiming to be categorized as The General Incorporated Association	
Executive Board Members	13 companies	Iwatani Corp, INPEX Corp, ENEOS Corp, Obayashi Corp, Kawasaki Heavy Industries, The Kansai Electric Power Co Inc, Kobe Steel Ltd, Chiyoda Corp, Toshiba Corp, Toyota Motor Corp, Panasonic Corp, Sumitomo Mitsui Financial Group Inc, Mitsui & Co Ltd,
Members	253 Companies/Organizations (As of Aug 25, 2021)	

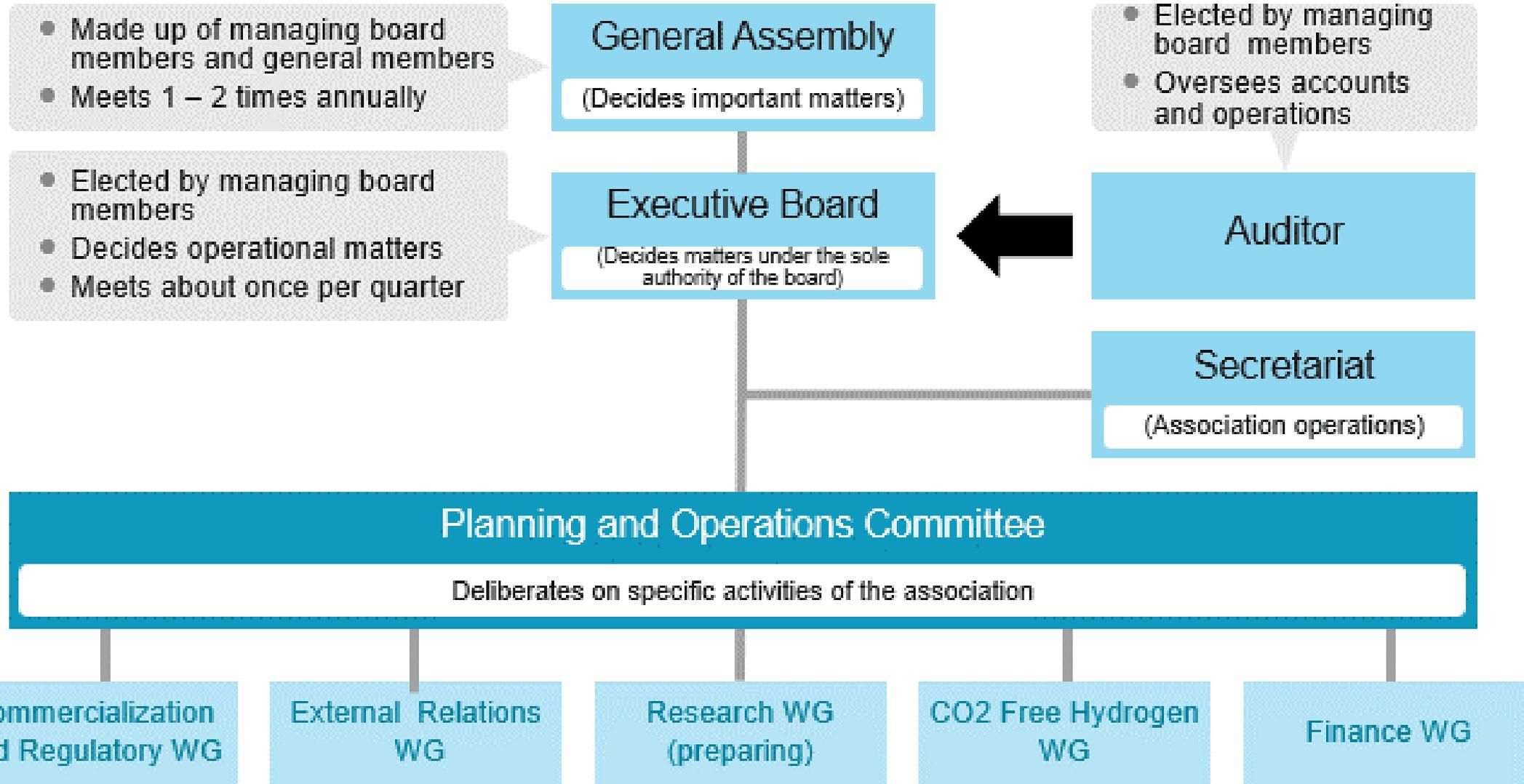
Member List (As a part)



The image displays a collection of logos for member companies, arranged in a grid. The central logo, **JAPAN HYDROGEN ASSOCIATION**, is highlighted with a blue border. Surrounding it are logos for numerous Japanese corporations, including:

- K LINE** (川崎汽船株式会社)
- DBJ**
- TOYO ENGINEERING**
- 大阪ガス**
- 三井住友海上** (MS&AD)
- MOL**
- TORAY**
- ITOCHU** (岩谷産業株式会社)
- 新コスモス電機株式会社**
- MIZUHO**
- INPEX**
- idemitsu**
- TOKICO** (Actuating change)
- 住友化学**
- 銀泉**
- 三菱化工機株式会社** (MITSUBISHI KAKOKI KAISHA, LTD.)
- MITSUBISHI CHEMICAL**
- MITSUI & CO.**
- GP** (ガスバロ)
- Nitto** (Innovation for Customers)
- Marubeni**
- 三井不動産** (MITSUI FUDOSAN)
- ENEOS**
- Asahi KASEI**
- NOMURA**
- KIRIN**
- IHI**
- SMBC** (三井住友フィナンシャルグループ)
- SPARX**
- CHIYODA CORPORATION**
- YANMAR**
- TOYOTA**
- Denyo**
- Iwatani**
- AIR LIQUIDE**
- TOKUYAMA**
- 住友商事**
- 豊田通商** (TOYOTA TSUSHO)
- Kyobota**
- SOMPO** (損保ジャパン)
- 株式会社加地テック**
- 丸一鋼管**
- ClassNK**
- 日本郵船**
- TOKYO GAS** (エネルギー・フロンティア)
- HITZ** (日立造船株式会社)
- AICHI STEEL**
- SEINO**
- TOHO GAS**
- 三菱商事株式会社**
- POWER**
- MITSUI E&S** (株式会社三井E&Sマナリー)
- JBIC**
- Panasonic**
- Asahi**
- HONDA**
- HINO**
- 東北電力** (より、そう、ちから。)
- FUSO**
- GE**
- ヤマト運輸**
- MUFG** (三菱UFJ銀行)
- KOBELCO** (KOBELCO COBE STEEL GROUP)
- 北陸電力**
- 関西電力** (power with heart)
- MS&AD** (あいおいニッセイ同和損保)
- 豊田自動織機**

3. Organization



4-1. Activity : Establishment Ceremony



Photo Session by JH2A Executive Board Members with Mr. Kajiyama, Minister of Economy, Trade and Industry, and Mr. Maeda, Governor of Japan Bank for International Cooperation

Mission Statement was handed from co-chairman of JH2A to Mr. Kajiyama, Minister of Economy, Trade and Industry.



4-2. Activity : Policy Recommendations



Active opinions were exchanged between 3 co-chairmen of JH2A and Mr. Kajiyama, Minister of Economy, Trade and Industry.



Policy Recommendation Letter was handed from 3 co-chairmen of JH2A to Mr. Kajiyama, Minister of Economy, Trade and Industry.

5. Activities

- 1 Propose & coordinate implementation projects
- 2 Creating funds & setting base rules
- 3 Advocacies for demand creation, deregulations
- 4 Diplomatic activities
- 5 Global/domestic intelligences

6. Working Groups

① Commercialization and Regulatory

Policy proposals for implementation & deregulations *Roadmap

② External Relations

Collaborations with industrial organizations, Hydrogen Council,
Public communications

③ CO2 Free Hydrogen

Definition of CO2-free hydrogen, dealing with CCS

④ Finance

Fund raising, project finances, policy proposals to support investments

*⑤ Research WG preparing to start, not operational yet

7. Implementation Projects

Project Plans

1 Local Production & Use

Economic zones together with local authorities



2 Supply Chain

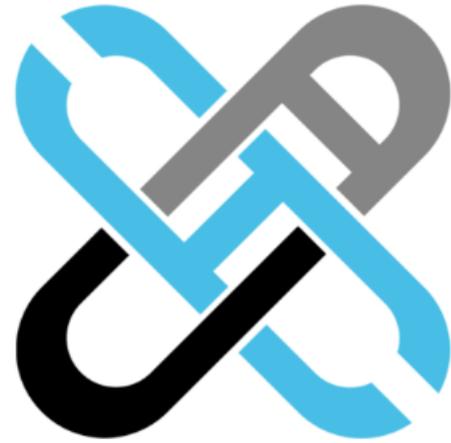
Overseas H2 production, shipping & storage



3 Demand Expansion

To business fleets, trains, ships, chemicals, steels





JAPAN

HYDROGEN

ASSOCIATION