

Accelerating Construction of Hydrogen Stations to Promote Widespread Use of Fuel Cell Vehicles in Japan

Toward the Creation of a Hydrogen-based Society



JAPAN H₂ MOBILITY
JH_yM

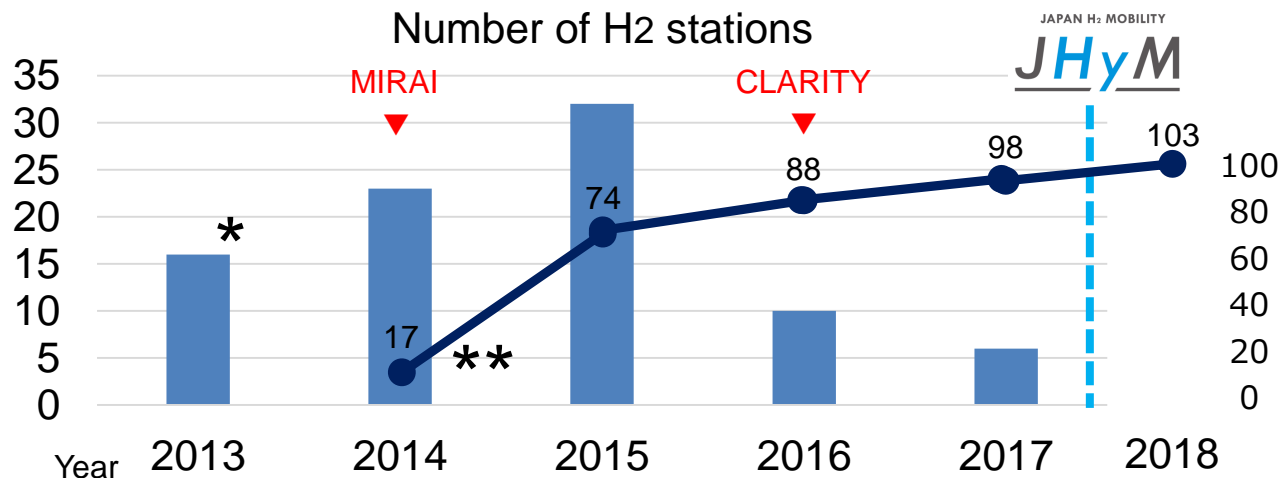
September 25, 2019
Hideki Sugawara, President
Japan H₂ Mobility, LLC

Background of JHyM's establishment

2002 Start technology validation for FCV and Hydrogen stations

2011 Joint statement by 13 private companies

- Parties below cooperate to expand FCV and ST nationwide network
- Automakers aim to introduce FCV into the domestic market in 2015
- Infrastructure companies aim to construct about 100 STs by 2015



* Approved year under subsidized budget

2

** Cumulative of opened STs(FY base)

Establishment of the New Company

Founding Member Companies

JXTG Nippon Oil & Energy



IDEMITSU

Iwatani

エネルギー・フロンティア
TOKYO GAS



TOHO GAS



Air Liquide
creative oxygen

TOYOTA

NISSAN

HONDA



JAPAN H₂ MOBILITY

JHyM

TOYOTA TSUSHO



DBJ

日本政策投資銀行



JA三サリース



SMF

Twelve new companies joined.



SEIRYU
POWER ENERGY



MARUI



NSK 南国殖産株式会社



損保ジャパン日本興亜



NEC
NECキャピタルソリューション株式会社



SPARC
スパークス・グループ株式会社



根本通商株式会社



福岡酸素株式会社
FUKUOKA OXYGEN CO.,LTD. since 1919

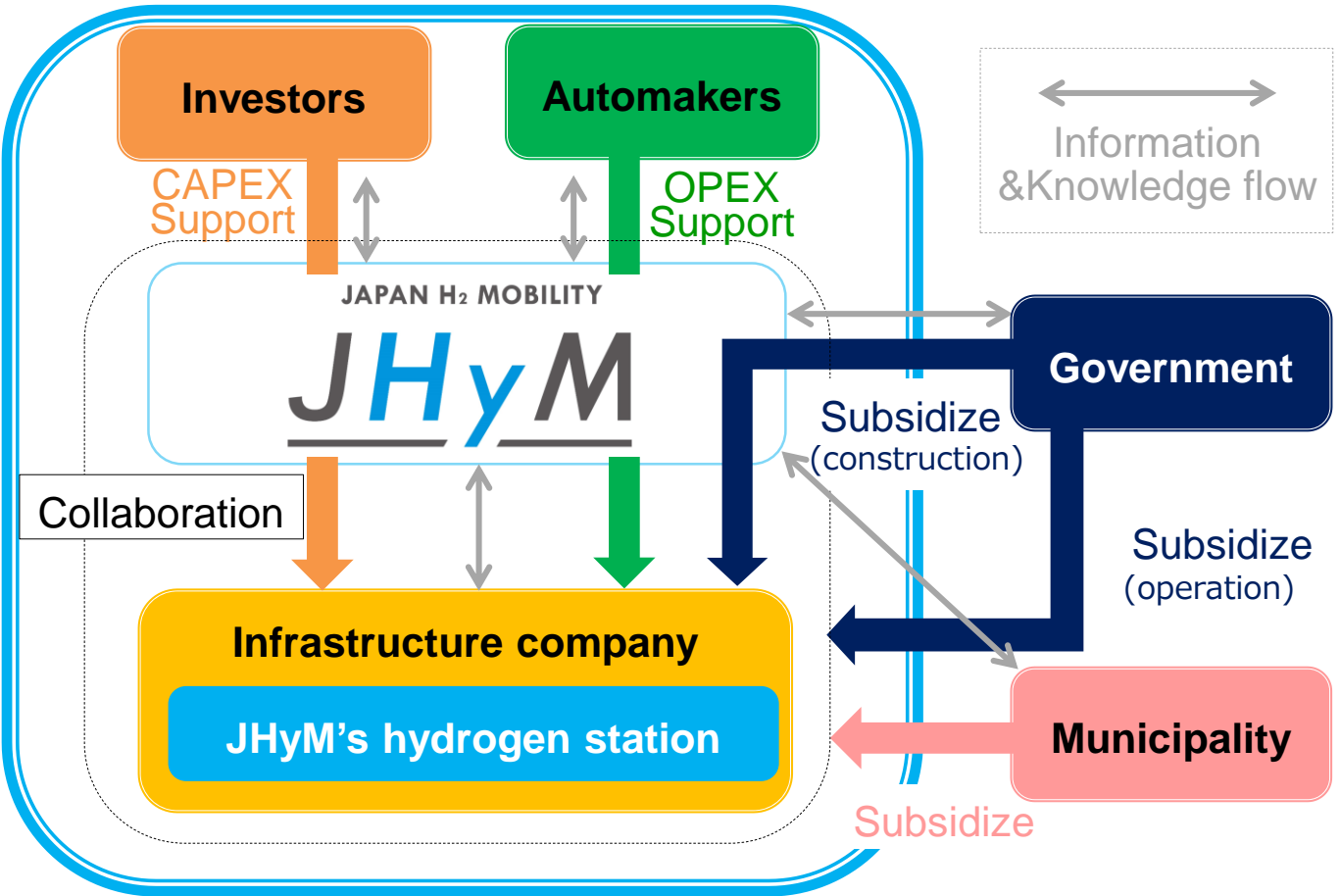


TOYAMA
HYDROGEN
ENERGY PROMOTION COUNCIL

TKK

World's first initiative for construction of hydrogen stations jointly funded by infrastructure companies, automakers, investors, etc.

JHyM's Business Scheme



JHyM's Mission

JHyM

**Strategic deployment of
hydrogen stations**

80 stations by 2021

**Contribution to the efficient
operation of hydrogen stations**

Better coordination among stations

**Further
construction of
hydrogen
stations**

**Improved
convenience for
FCV users**

**Sustainability of
hydrogen station
business**

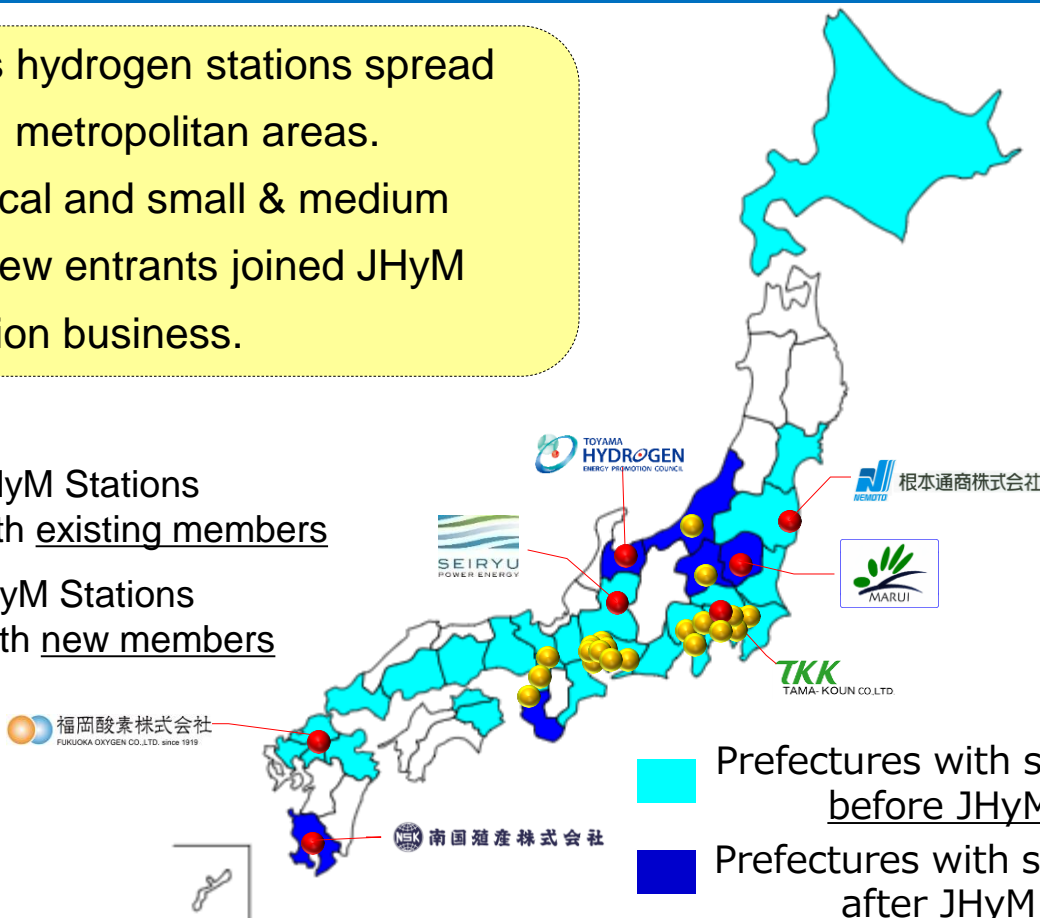
**Increased
number of
FCVs**

Create virtuous cycle between FCVs and hydrogen stations

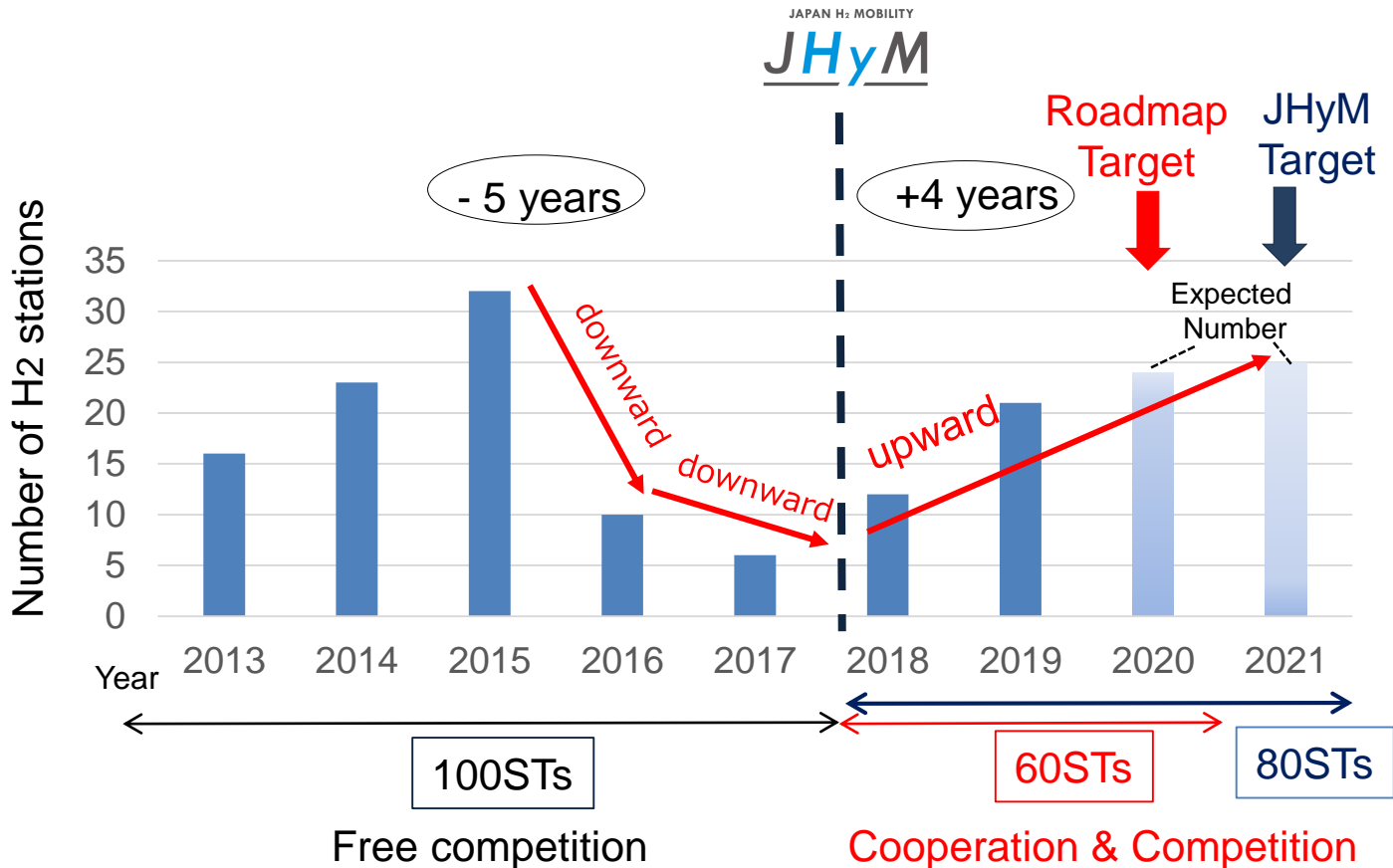
JHyM's Contribution to Station Network

- 1) JHyM's hydrogen stations spread beyond metropolitan areas.
- 2) Both local and small & medium sized new entrants joined JHyM for station business.

- JHyM Stations with existing members
- JHyM Stations with new members



JHyM's Effects in Hydrogen Station Market



Future challenges

