

# INVESTOR'S BRIEF 2021

Energy and Environment in Harmony

The Chiyoda Group, as an integrated engineering group of companies, will leverage its innovative engineering expertise and cutting-edge technology to create value and contribute to the development of a sustainable society.



## MAJOR ONGOING PROJECTS

Chiyoda Corporation's expertise and extensive experience has been accumulated through the successful completion of more than 40% of the world's LNG plant production capacity since 1976.



## SPERA Hydrogen®

Contributing to realizing a net zero emissions society

Chiyoda Corporation has successfully developed a SPERA Hydrogen® global supply chain.

### Feasibility Validation



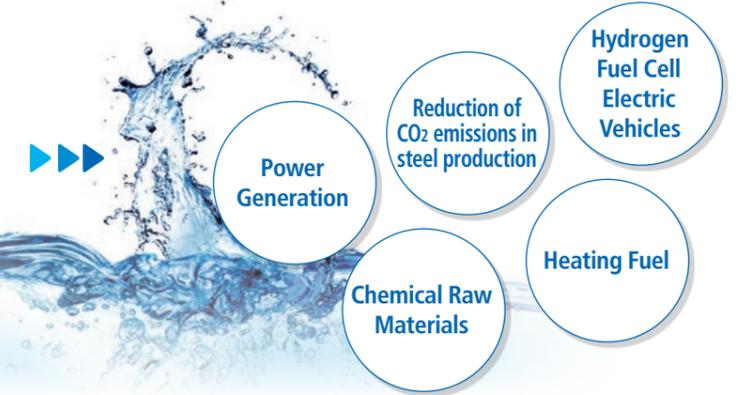
### Commercialization of the Supply Chain

Successful completion of the world's first global hydrogen supply chain (December 2020)

#### Milestones in accelerating the transition to a hydrogen society

- Proven commercial viability
- Safe and stable transportation using a 'hydrogen carrier'
- Transportation and storage on an industrial scale under ambient temperature and pressure
- Utilizing existing petroleum transportation and distribution infrastructure

#### Hydrogen Utilization Technology



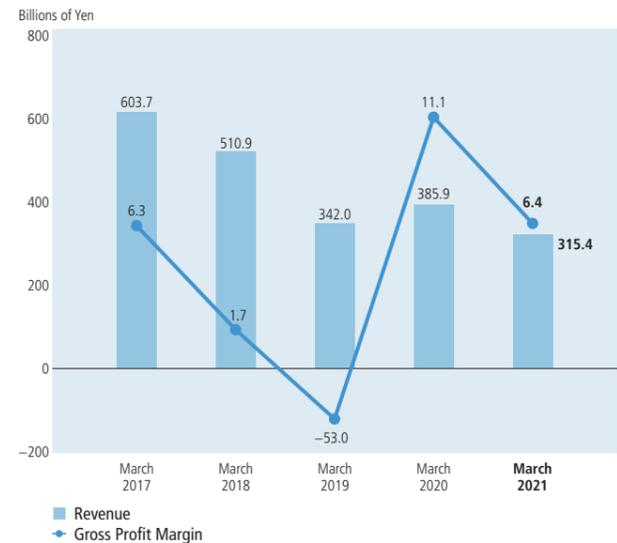
#### SPERA Hydrogen®

- This video outlines how Chiyoda will expand the SPERA Hydrogen® supply chain towards realizing a hydrogen-based society.

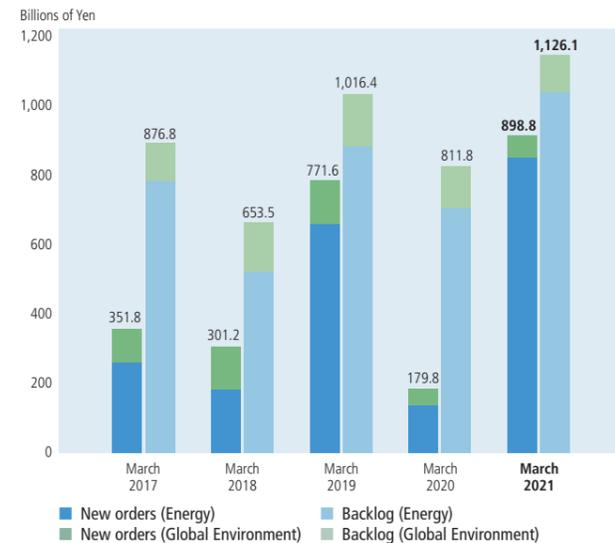
SPERA – "Hope" in Latin

## FINANCIAL SNAP SHOT

### Revenue & Gross Profit Margin



### New Orders & Backlog



## DIGITAL TRANSFORMATION (DX)

### EFEVIS™

#### Innovative Digital Solutions

Maximizes Customer Asset Values through Optimized & Autonomous Plant Operation and Maintenance

<p>LNG Plant AI Optimizer™ (4:08)</p>	<p>CDU-Optima (3:46)</p>	<p>FCC AI Optimizer (4:57)</p>	<p>Foaming Prediction AI System (2:42)</p>	<p>Furnace-Diagnosis real-time support System (3:41)</p>

1) English Video 2) Japanese Video

### PlantStream™

#### Innovative engineering tool

Autonomous CAD with speed and precision



## CORPORATE PHILOSOPHY

Enhance our business through “Energy and Environment in Harmony” and contribute to the sustainable development of society as an integrated engineering company through our collective wisdom and painstakingly developed technology.

Since 2012, Chiyoda Corporation has been committed to the UN Global Compact corporate responsibility initiative and its principles in the areas of human rights, labour, the environment and anti-corruption.



## Chiyoda Corporation

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This corporate video  
 shortly introduced  
 Chiyoda's concept and values.

