



Marubeni Europower CEO - Tomoki Nishino

Who we are

Marubeni Europower

Marubeni Europower Ltd. is a 100% subsidiary of Marubeni Corporation, operating in the United Kingdom since 1991.

Marubeni

Founded	May 1858
Net Income (FY2021)	JPY 424.3 billion GBP 2.65 billion*1
Credit Rating	BBB+ (S&P)
Branches	132 branches 119 overseas branches
Employees	4,379, as Marubeni Group 46,100
Business Range	Infrastructure ProjectsICT business & Logistics

Metal, Petroleum & Gas

Real Estate construction Clothing & Fashion, etc.

Food & Agriculture

Aerospace & Ship

Leasing

Mobility

Chemicals



Renewable Energy

- Project finance and Green bond for one of the largest solar power plant (1,177MW) in the world



Power Trading

- SmartestEnergy is the UK's leading company of Aggregation Business & Retail Business
- No.7 supply volume for retail power sale (Renewable Aggregation, Trading & Retail sale of green power)



Green Hydrogen

- Developing H2 production projects in Wales and Scotland
- MOU with Bridgend County Borough Council

for development of H2 project in Wales

 Grant on H2 production project from UK and Japan

As of March 31, 2022

(*1) Exchange rate: 160 JPY/GBP

Case Studies: Scotland × Japan Collaboration



ScotWind: SSER × CIP × Marubeni

- Development of up to 3.6GW floating offshore wind power with SSER and CIP
- Will provide power equivalent to 6mil households and offset around 7.5 million tonnes of harmful carbon emissions

(*) Source: Fukushima Offshore Wind Consortium





<u>Glasgow × Marubeni</u>

- Contribution to decarbonisation of Glasgow, the host city of COP26
- Will be utilising Scottish Gov. fund and Japanese Gov. fund
- Collaborating with Japanese technology (Toray, Yamanashi Hydrogen Company)

Case Studies: Wales × Japan Collaboration



Bridgend × Marubeni

- A model for local authority decarbonisation
- Signed a collaborative MoU with Bridgend County Borough Council
- Utilising Welsh Gov. fund and Japanese Gov. fund
- Collaborating with Japanese technology (Yokogawa)

(*) Artists impression for illustrative purposes only



Industrial sector × Marubeni

- A study for decarbonisation on industries with CO2 emission challenges
- Utilising UK Gov. fund



What's next

- Development of hydrogen supply chain in Wales
- Collaborating and utilising with Japanese funds and technologies to contribute decarbonisation in Wales



Global Hydrogen Case Studies



Chile × Marubeni

 Gasvalpo, a Chilean gas distribution and retail company in which Marubeni has a majority stake, began a pilot project which runs producing green hydrogen, injecting it into a natural gas grid, and distributing it to customers



Australia × Marubeni

- Pilot project of Liquified Hydrogen carrier from Australia to Japan
- Partners are AGL Energy Limited, Kawasaki Heavy Industries, Ltd, Electric Power Development Co., Ltd., Iwatani Corporation, etc.

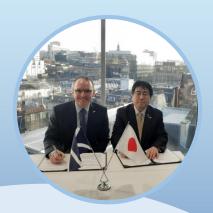


Abu Dhabi × Marubeni

- A Hydrogen and SAF Production Project with Abu Dhabi Gov., Masdar, Etihad Airways, Lufthansa Group, Siemens Energy, etc.
- Utilising Japanese Gov. fund

Takeaways

- Marubeni is actively creating partnerships in various themes.
- We look forward to creating more "UK-Japan" partnership.



With Governments

- Government co-funding (e.g. NEDO and Welsh Govt's) for green H2 project
- Partnership MOU with the Scottish Government



With Private Companies

- ScotWind with SSER and CIP
- Japanese offshore wind with bp
- Inter-state (Australia · Japan)
 H2 transport project amongst
 Japanese consortium members



With Academia

 Working with UK universities (Cambridge, Strathclyde, Cardiff, South Wales) on H2 and offshore wind



Marrying the technologies

- Yokogawa's EMS with local renewables and electrolyser
- Toray's membrane into Siemens electrolyser