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Matthieu Jaunatre

# Renewable Hydrogen

Renewable Energy and Renewable  
Hydrogen APAC Markets Policies  
Analysis



**Springer** Gabler

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## Abbreviations

AEC	Alkaline water electrolysis
ARENA	Australian Renewable Energy Agency
BF-BOF	Blast Furnace – Basic Oxygen Furnace
CCS	Carbon Capture and Storage
CNREC	China National Renewable Energy Centre
CO <sub>2</sub>	Carbon dioxide
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DENA	German Energy Agency
DRI-EAF	Direct Reduction of Iron – Electric Arc Furnace
FCV	Fuel cell vehicle
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH
GWEC	Global Wind Energy Council
H <sub>2</sub>	Hydrogen
H <sub>2</sub> O	Water
HHV	Higher heating value
HRS	Hydrogen refuelling station
IEA	International Energy Agency
IEAGHG	IEA Greenhouse Gas (R&D Programme)
IKI	International Climate Initiative
IPCC	International panel for the climate change
IPHE	International Partnership for Hydrogen and Fuel Cells in the Economy
IRENA	International Renewable Energy Agency
ITRI	Industrial Technology Research Institute (Taiwan)
LFCH	Levelized fixed cost of hydrogen
LRET	Large-scale Renewable Energy Target

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METI	Ministry of Economy, Trade and Industry (Japan)
MOEA	Ministry of Economic Affairs (Taiwan)
NEDO	New Energy and Industrial Technology Development Organization (Japan)
NEV	New energy vehicle
O <sub>2</sub>	Oxygen
PEMEC	Polymer electrolyte membranes
PPA	Power purchase agreement
ROC	Registered Organisations Commission (Australia)
RPS	Renewable Portfolio Standards
SDE++	Subsidie (Dutch) / Subsidy
SMR	Steam Methane Reformation
SOEC	Solid oxide
US EPA	United States Environmental Protection Agency
WTP	Willingness to pay



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