



Center on  
Global Energy Policy  
at COLUMBIA | SIPA



# National Hydrogen Strategies & Roadmaps Tracker

February 2025

# North America

Country	Year	Original text	English translation
Canada	Dec-2020	<a href="#">Hydrogen Strategy for Canada</a>	
	April-2024	<a href="#">Hydrogen Strategy for Canada: Progress Report</a>	
United States	Jun-2023	<a href="#">U.S. National Clean Hydrogen Strategy and Roadmap</a>	
	Dec-2024	<a href="#">Department of Energy Hydrogen Program Plan</a>	

# Latin America (1)

Country	Year	Original text	English translation
Argentina	Sep-2021	<a href="#">Hacia una Estrategia Nacional Hidrógeno 2030</a>	
	Sep-2023	<a href="#">Estrategia Nacional para el Desarrollo de la Economía del Hidrógeno</a>	
Brazil	Jul-2021	<a href="#">Programa Nacional do Hidrogênio</a>	
	Aug-2023	<a href="#">Plano de Trabalho Trienal (PNH2)</a>	
Bolivia	Nov-2024	<a href="#">La Estrategia Nacional para el Desarrollo y Uso del Hidrógeno Verde (H2V), Bolivia</a>	
Chile	Nov-2020	<a href="#">Estrategia de Hidrógeno Verde</a>	<a href="#">National Green Hydrogen Strategy</a>
	Jun-2021	<a href="#">Chile's Green Hydrogen Strategy and investment opportunities</a>	
	Apr-2024	<a href="#">Plan de Acción Hidrógeno Verde 2023-2030</a>	<a href="#">Green Hydrogen Action Plan 2023-2030</a>
Colombia	Sep-2021	<a href="#">Hoja de Ruta del Hidrógeno en Colombia</a>	<a href="#">Colombia's Hydrogen Roadmap</a>
Costa Rica	Dec-2022	<a href="#">Estrategia Nacional de Hidrógeno Verde de Costa Rica 2022-2050</a>	

# Latin America (2)

Country	Year	Original text	English translation
Ecuador	Jul-2023	<a href="#">Hoja de Ruta del Hidrógeno Verde en el Ecuador</a>	
Panama	Apr-2023	<a href="#">Estrategia Nacional de Hidrógeno Verde y Derivados de Panamá</a>	
Paraguay	Jun-2021	<a href="#">Hacia la ruta del Hidrógeno Verde en Paraguay – Marco Conceptual</a>	<a href="#">Towards the Green Hydrogen Roadmap in Paraguay – Conceptual Framework</a>
		<a href="#">Hacia la ruta del Hidrógeno Verde en Paraguay – Propuesta de Innovación</a>	<a href="#">Towards the Green Hydrogen Roadmap in Paraguay – Innovation Proposal</a>
Peru	Apr-2023	<a href="#">Bases y recomendaciones para la elaboración de la Estrategia de Hidrógeno Verde en el Perú</a>	
Uruguay	Jun-2022	<a href="#">Hoja de ruta del hidrógeno verde en Uruguay</a>	<a href="#">Green Hydrogen Roadmap in Uruguay</a>
	Oct-2023	<a href="#">Hoja de ruta del hidrógeno verde y derivados en Uruguay</a>	<a href="#">Uruguay's Roadmap for Green Hydrogen and Derivatives</a>

# Europe (1)

Country	Year	Original text	English translation
Austria	Jun 2022	<a href="#">Wasserstoffstrategie für Österreich</a>	<a href="#">Executive Summary</a>
Belgium	Oct-2022	<a href="#">Update of Belgian Federal Hydrogen Strategy 2022</a>	
Bulgaria	May-2023	<a href="#">водородно бъдеще за България</a>	
Croatia	Mar-2022	<a href="#">Hrvatska Strategija Za Vodik Do 2050. Godine</a>	<a href="#">Hydrogen Strategy of the Republic of Croatia until 2050</a>
Czech Republic	Jul-2021	<a href="#">Vodíková strategie</a>	<a href="#">The Czech Republic's Hydrogen Strategy</a>
	Jul-2024	<a href="#">Vodíková strategie aktualizace 2024</a>	
Denmark	Dec-2021	<a href="#">Regeringens strategi for Power-to-X</a>	<a href="#">The Government's strategy for Power to X</a>
	April-2024	<a href="#">Økonomiske rammevilkår for brintinfrastruktur</a>	
Estonia	Feb-2023	<a href="#">Estonian Hydrogen Roadmap</a>	

# Europe (2)

Country	Year	Original text	English translation
France	Jun-2018	<a href="#">Plan de déploiement de l'hydrogène pour la transition énergétique</a>	
	Sep-2020	<a href="#">Stratégie nationale pour le développement de l'hydrogène décarboné en France</a>	<a href="#">National strategy for the development of decarbonized and renewable hydrogen in France</a>
	Dec-2023	<a href="#">Stratégie nationale pour le développement de l'hydrogène décarboné en France (In consultation process until January 2024)</a>	
Germany	Jun-2020	<a href="#">Die Nationalen Wasserstoffstrategie</a>	<a href="#">The National Hydrogen Strategy</a>
	Apr-2022	<a href="#">Fortschrittsbericht zur Umsetzung der Nationalen Wasserstoffstrategie</a>	
	Jul-2023	<a href="#">Fortschreibung der Nationalen Wasserstoffstrategie</a>	<a href="#">National Hydrogen Strategy Update</a>
Hungary	May-2021	<a href="#">Hungary's National Hydrogen Strategy</a>	
Italy	Nov-2020	<a href="#">Strategia Nazionale Idrogeno Linee Guida Preliminari</a>	
	Nov-2024	<a href="#">Strategia Nazionale Idrogeno</a>	

# Europe (3)

Country	Year	Original text	English translation
Iceland	Apr-2024	<a href="#">Hydrogen and E-fuels Roadmap for Iceland</a>	
Ireland	Jul-2023	<a href="#">National Hydrogen Strategy</a>	
Lithuania	Sep-2021	<a href="#">Vandenilio Sektoriaus Plėtros Lietuvoje 2024–2030 Metais Gairės</a>	
Luxemburg	Sep-2021	<a href="#">Stratégie hydrogène du Luxembourg</a>	<a href="#">Stratégie hydrogène du Luxembourg (Executive Summary)</a>
Netherlands	Mar-2020	<a href="#">Kabinetsvisie waterstof (letter to Parliament)</a>	
	Apr-2020	<a href="#">Government Strategy on Hydrogen</a>	
	July-2021	<a href="#">Werkplan Nationaal Waterstof Programma 2022-2025</a>	
	Nov-2022	<a href="#">Routekaart Waterstof</a>	<a href="#">Hydrogen Roadmap for the Netherlands</a>

# Europe (4)

Country	Year	Original text	English translation
Norway	June-2020	<a href="#">Regjeringens hydrogenstrategi</a>	<a href="#">The Norwegian Government's hydrogen strategy</a>
Poland	Dec 2021	<a href="#">Polska Strategia Wodorowa do roku 2030</a>	<a href="#">Polish Hydrogen Strategy until 2030 (Summary)</a>
Portugal	Aug-2020	<a href="#">Estratégia Nacional de Hidrogénio (EN-H2)</a>	
Romania	May-2023	<a href="#">Strategia Nationala pentru Hidrogen 2023-2030</a>	<a href="#">National Hydrogen Strategy and Action Plan 2023-2030</a>
		<a href="#">Strategia Națională de Hidrogen și Planul de Acțiune pentru România</a>	<a href="#">National Hydrogen Strategy and Action Plan for Romania</a>
Slovakia	Jun-2021	<a href="#">Národná vodíková stratégia</a>	<a href="#">National Hydrogen Strategy: Ready for the Future</a>
Spain	Oct-2020	<a href="#">Hoja de Ruta del Hidrógeno: Una Apuesta por el Hidrógeno Renovable</a>	



# Europe (5)

Country	Year	Original text	English translation
Sweden	Nov-2021	<a href="#">Förslag till nationell strategi för fossilfri vätgas</a>	
Switzerland	Dec-2024	<a href="#">Stratégie hydrogène pour la Suisse</a>	
Turkey	Jan-2023	<a href="#">Türkiye Hidrojen Teknolojileri Stratejisi ve Yol Haritası</a>	<a href="#">Turkiye Hydrogen Technology Strategy and Roadmap</a>
Ukraine	Mar-2021	<a href="#">Draft Roadmap for production and use of hydrogen in Ukraine</a>	
	Mar-2021	<a href="#">Draft Hydrogen Strategy of Ukraine</a>	
United Kingdom	Aug-2021	<a href="#">UK Hydrogen Strategy 2021</a>	
	Dec-2022	<a href="#">Hydrogen Strategy Update to the Market: December 2022</a>	
	Aug-2023	<a href="#">Hydrogen Strategy Update to the Market: August 2023</a>	
	Dec-2023	<a href="#">Hydrogen Strategy Delivery Update: December 2023</a>	
	Dec-2024	<a href="#">Hydrogen Strategy Update to the Market: December 2024</a>	

# Africa (1)

Country	Year	Original text	English translation
Algeria	Sep-2023	<a href="#">Stratégie Nationale du Développement de l'Hydrogène en Algérie</a>	
Egypt	Aug-2024	<a href="#">Egypt's Hydrogen Strategy</a>	
Kenya	Sep-2023	<a href="#">Green Hydrogen Strategy and Roadmap for Kenya</a>	
	May-2024	<a href="#">Kenya's Guidelines on Green Hydrogen and Its Derivatives</a>	
Mauritania	Oct-2021	<a href="#">Feuille de route pour l'industrie d'hydrogène à faible empreinte de carbone en Mauritanie</a>	
Morocco	Oct-2021	<a href="#">Feuille de route hydrogène vert: vecteur de transition énergétique et de croissance durable</a>	
Namibia	Nov-2022	<a href="#">Namibia Green Hydrogen and Derivatives Strategy</a>	

# Africa (2)

Country	Year	Original text	English translation
South Africa	Oct-2021	<a href="#">Hydrogen Valley Feasibility Study</a>	
	Feb-2022	<a href="#">Hydrogen Society Roadmap for South Africa 2021</a>	
	Oct-2023	<a href="#">Green Hydrogen Commercialisation Strategy for South Africa</a>	
Tunisia	May-2024	<a href="#">Strategie Nationale Pour Le Développement De L'Hydrogène Vert Et Ses Dérivés en Tunisie</a>	

# Middle East

Country	Year	Original text	English translation
Israel	May-2023	<a href="#">להערות ציבור אסטרטגיית מימן לישראל – פרסום טיוטה</a>	<a href="#">Hydrogen Strategy</a>
Oman	Oct-2022	<a href="#">Green Hydrogen in Oman</a>	
UAE	Jul-2023	<a href="#">National Hydrogen Strategy 2050</a>	

# CIS

Country	Year	Original text	English translation
Kazakhstan	Apr-2024	<a href="#">Концепция развития водородной энергетики в Республике Казахстан до 2040 года</a>	<a href="#">Development of Hydrogen Energy in the Republic of Kazakhstan</a>
Russia	Jun-2020	<a href="#">Энергетическую стратегию Российской Федерации на период до 2035 года</a>	
	Oct-2020	<a href="#">Развитие водородной энергетики в Российской Федерации до 2024 года</a>	
	Aug-2021	<a href="#">Развития водородной энергетики в Российской Федерации</a>	
	Jan-2023	<a href="#">Распоряжение Правительства Российской Федерации от 16.01.2023 N 40-р</a>	
Uzbekistan	Apr 2021	<a href="#">МЕРАХ ПО РАЗВИТИЮ ВОЗОБНОВЛЯЕМОЙ И ВОДОРОДНОЙ ЭНЕРГЕТИКИ</a>	

# Asia (1)

Country	Year	Original text	English translation
Bhutan	June-2024	<a href="#">Hydrogen Roadmap of Bhutan</a>	
China	Mar-2022	<a href="#">氢能产业发展中长期规划（2021-2035年）</a>	
India	Jan-2023	<a href="#">National Green Hydrogen Mission 2023</a>	
Indonesia	Dec-2023	<a href="#">Strategi Hidrogen Nasional</a>	
Japan	Dec-2017	<a href="#">水素基本戦略(2017)</a>	
	Jun-2023	<a href="#">水素基本戦略(2023)</a>	<a href="#">Basic Hydrogen Strategy</a>
		<a href="#">水素基本戦略の概要</a>	<a href="#">Overview of Basic Hydrogen Strategy</a>

# Asia (2)

Country	Year	Original text	English translation
Malaysia	Oct-2023	<a href="#">Hydrogen Economy and Technology Roadmap</a>	
South Korea	Jan-2019	<a href="#">수소경제 활성화 로드맵</a>	<a href="#">Hydrogen Economy Roadmap</a>
Singapore	Oct-2022	<a href="#">Singapore's National Hydrogen Strategy</a>	
Sri Lanka	Sep-2023	<a href="#">Sri Lanka National Hydrogen Roadmap</a>	
Vietnam	Feb-2024	<a href="#">Quyết định Phê duyệt Chiến lược phát triển năng lượng hydrogen của Việt Nam đến năm 2030</a>	

# China's provinces (1)

Region/ province/city	Year	Original text	English translation
An'hui	Nov-2022	<a href="#">安徽省氢能产业发展中长期规划</a>	
Beijing	Aug-2021	<a href="#">北京市氢能产业发展实施方案（2021-2025年）</a>	
Fujian	Dec-2022	<a href="#">福建省氢能产业发展行动计划（2022—2025年）</a>	
Gansu	Dec-2022	<a href="#">甘肃省人民政府办公厅关于氢能产业发展的指导意见</a>	
Guangdong	Jun 2021	<a href="#">广东省发展改革委等部门关于印发广东省加快氢能产业创新发展意见的通知</a>	
Guangxi	Aug-2023	<a href="#">广西氢能产业发展中长期规划（2023—2035年）</a>	
Guizhou	Jun-2022	<a href="#">贵州省“十四五”氢能产业发展规划</a>	
Hebei	Aug-2021	<a href="#">河北省氢能产业发展“十四五”规划</a>	
Henan	Sep-2022	<a href="#">河南省氢能产业发展中长期规划（2022—2035年）</a>	



## China's provinces (2)

Region/ province	Year	Original text	English translation
Hong Kong	Jun-2024	<a href="#">The Strategy of Hydrogen Development in Hong Kong</a>	
Hunan	Nov-2022	<a href="#">湖南省氢能产业发展规划</a>	
Inner Mongolia	Feb-2022	<a href="#">内蒙古自治区“十四五”氢能发展规划</a>	
Jiangxi	Sep-2023	<a href="#">江西省氢能产业发展中长期规划（2023-2035年）</a>	
Jilin	Oct-2022	<a href="#">“氢动吉林”中长期发展规划（2021-2035年）</a>	
Liaoning	Jul-2022	<a href="#">辽宁省氢能产业发展规划（2021-2025年）</a>	
Ningxia	Nov-2022	<a href="#">宁夏回族自治区氢能产业发展规划</a>	
Qinghai	Jan-2023	<a href="#">青海省氢能产业发展三年行动方案[2022-2025年]</a>	

# China's provinces (3)

Region/ province	Year	Original text	English translation
Shandong	Dec-2021	<a href="#">山东省氢能产业中长期发展规划(2020—2030年)</a>	
Shanghai	Jun-2022	<a href="#">上海市氢能产业发展中长期规划 (2022-2035 年)</a>	
Shanxi	Aug-2022	<a href="#">山西省氢能产业发展中长期规划</a>	
Sichuan	Sep-2020	<a href="#">四川省氢能产业发展规划 (2021—2025 年)</a>	
Tianjin	Jan-2020	<a href="#">天津市氢能产业发展行动方案 (2020—2022年)</a>	
Xinjiang	May-2023	<a href="#">自治区氢能产业发展三年行动方案[2023—2025年]</a>	

# Oceania

Country	Year	Original text	English translation
Australia	Nov-2019	<a href="#">Australia National Hydrogen Strategy 2019</a>	
	Dec-2021	<a href="#">State of Hydrogen 2021</a>	
	Dec-2022	<a href="#">State of Hydrogen 2022</a>	
	Sep-2024	<a href="#">National Hydrogen Strategy 2024</a>	
New Zealand	Sep-2019	<a href="#">A Vision for Hydrogen in New Zealand</a>	
	Aug-2023	<a href="#">Interim Hydrogen Roadmap 2023 (in the consultation phase)</a>	
		<a href="#">Hydrogen economic modelling results 2023</a>	
	Nov-2024	<a href="#">Hydrogen Action Plan</a>	

# Regional strategies

Country	Year	Original text	English translation
European Union	Aug-2020	<a href="#">EU Hydrogen Strategy</a>	
ECOWAS	Jul-2023	<a href="#">Ecowas Green Hydrogen Strategy Policy and Strategy Framework</a>	



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