



Center on
Global Energy Policy
at COLUMBIA | SIPA



National Hydrogen Strategies & Roadmaps Tracker

May 2024

North America

Country	Year	Original text	English translation
Canada	Dec-2020	Hydrogen Strategy for Canada	
United States	Jun-2023	U.S. National Clean Hydrogen Strategy and Roadmap	

Latin America (1)

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

Latin America (2)

Country	Year	Original text	English translation
Panama	Apr-2023	Estrategia Nacional de Hidrógeno Verde y Derivados de Panamá	
Paraguay	Jun-2021	Hacia la ruta del Hidrógeno Verde en Paraguay – Marco Conceptual	Towards the Green Hydrogen Roadmap in Paraguay – Conceptual Framework
		Hacia la ruta del Hidrógeno Verde en Paraguay – Propuesta de Innovación	Towards the Green Hydrogen Roadmap in Paraguay – Innovation Proposal
Peru	Apr-2023	Bases y recomendaciones para la elaboración de la Estrategia de Hidrógeno Verde en el Perú	
		Hoja de ruta del Hidrógeno verde en el Perú al 2050	
Uruguay	Jun-2022	Hoja de ruta del hidrógeno verde en Uruguay	Green Hydrogen Roadmap in Uruguay
	Oct-2023	Hoja de ruta del hidrógeno verde y derivados en Uruguay	Uruguay’s Roadmap for Green Hydrogen and Derivatives

Europe (1)

Country	Year	Original text	English translation
Austria	Jun 2022	Wasserstoffstrategie für Österreich	Executive Summary
Belgium	Oct-2022	Update of Belgian Federal Hydrogen Strategy 2022	
Bulgaria	May-2023	водородно бъдеще за България	
Croatia	Mar-2022	Hrvatska Strategija Za Vodik Do 2050. Godine	Hydrogen Strategy of the Republic of Croatia until 2050
Czech republic	Jul-2021	Vodíková strategie	The Czech Republic's Hydrogen Strategy
Denmark	Dec-2021	Regeringens strategi for Power-to-X	The Government's strategy for Power to X
Estonia	Feb-2023	Estonian Hydrogen Roadmap	
Finland	Nov-2020	National Hydrogen Roadmap for Finland	
	Feb-2023	Valtioneuvoston periaatepäätös vedystä 2023	

Europe (2)

Country	Year	Original text	English translation
France	Jun-2018	Plan de déploiement de l'hydrogène pour la transition énergétique	
	Sep-2020	Stratégie nationale pour le développement de l'hydrogène décarboné en France	National strategy for the development of decarbonized and renewable hydrogen in France
	Dec-2023	Stratégie nationale pour le développement de l'hydrogène décarboné en France (In consultation process until January 2024)	
Germany	Jun-2020	Die Nationalen Wasserstoffstrategie	The National Hydrogen Strategy
	Apr-2022	Fortschrittsbericht zur Umsetzung der Nationalen Wasserstoffstrategie	
	Jul-2023	Fortschreibung der Nationalen Wasserstoffstrategie	
Hungary	May-2021	Hungary's National Hydrogen Strategy	
Ireland	Jul-2023	National Hydrogen Strategy	

Europe (3)

Country	Year	Original text	English translation
Italy	Nov-2020	Strategia Nazionale Idrogeno Linee Guida Preliminari	
Lithuania	Sep-2021	Vandenilio Sektoriaus Plėtros Lietuvoje 2024–2030 Metais Gairės	
Luxemburg	Sep-2021	Stratégie hydrogène du Luxembourg	Stratégie hydrogène du Luxembourg (Executive Summary)
Netherlands	Mar-2020	Kabinetsvisie waterstof (letter to Parliament)	
	Apr-2020	Government Strategy on Hydrogen	
	July-2021	Werkplan Nationaal Waterstof Programma 2022-2025	
Norway	June-2020	Regjeringens hydrogenstrategi	The Norwegian Government's hydrogen strategy
Poland	Dec 2021	Polska Strategia Wodorowa do roku 2030	Polish Hydrogen Strategy until 2030 (Summary)

Europe (4)

Country	Year	Original text	English translation
Portugal	Aug-2020	Estratégia Nacional de Hidrogénio (EN-H2)	Portugal National Hydrogen Strategy (EN-H2)
Romania	May-2023	Strategia Nationala pentru Hidrogen 2023-2030	National Hydrogen Strategy and Action Plan 2023-2030
		Strategia Națională de Hidrogen și Planul de Acțiune pentru România	National Hydrogen Strategy and Action Plan for Romania
Slovakia	Jun-2021	Národná vodíková stratégia	National Hydrogen Strategy: Ready for the Future
Spain	Oct-2020	Hoja de Ruta del Hidrógeno: Una Apuesta por el Hidrógeno Renovable	
Sweden	Nov-2021	Förslag till Sveriges nationella strategi för vätgas, elektrobränslen och ammoniak	
	Nov-2021	Underlagsrapport – Förslag	

Europe (5)

Country	Year	Original text	English translation
Turkey	Jan-2023	Türkiye Hidrojen Teknolojileri Stratejisi ve Yol Haritası	Turkiye Hydrogen Technology Strategy and Roadmap
Ukraine	Mar-2021	Draft Roadmap for production and use of hydrogen in Ukraine	
United Kingdom	Aug-2021	UK Hydrogen Strategy 2021	
	Dec-2022	Hydrogen Strategy Update to the Market: December 2022	
	Aug-2023	Hydrogen Strategy Update to the Market: August 2023	

Africa

Country	Year	Original text	English translation
Algeria	Sep-2023	Stratégie Nationale du Développement de l'Hydrogène en Algérie	
Kenya	Sep-2023	Green Hydrogen Strategy and Roadmap for Kenya	
	May-2024	Kenya's Guidelines on Green Hydrogen and Its Derivatives	
Mauritania	Sep-2022	Feuille de route pour l'industrie d'hydrogène à faible empreinte de carbone en Mauritanie	
Morocco	Oct-2021	Feuille de route hydrogène vert: vecteur de transition énergétique et de croissance durable	
Namibia	Nov-2022	Namibia Green Hydrogen and Derivatives Strategy	
South Africa	Oct 2021	Hydrogen Valley Feasibility Study	
	Feb-2022	Hydrogen Society Roadmap for South Africa 2021	

Middle East

Country	Year	Original text	English translation
Oman	Oct-2022	Green Hydrogen in Oman	
UAE	Jul-2023	National Hydrogen Strategy 2050	
Israel	May-2023	להערות ציבור אסטרטגיית מימן לישראל – פרסום טיוטה	Hydrogen Strategy

CIS

Country	Year	Original text	English translation
Kazakhstan	Apr-2024	Концепция развития водородной энергетики в Республике Казахстан до 2040 года	
Russia	Jun-2020	Энергетическую стратегию Российской Федерации на период до 2035 года	
	Oct-2020	Развитие водородной энергетики в Российской Федерации до 2024 года	
	Aug-2021	Развития водородной энергетики в Российской Федерации	
	Jan-2023	Распоряжение Правительства Российской Федерации от 16.01.2023 N 40-р	
Uzbekistan	Apr 2021	МЕРАХ ПО РАЗВИТИЮ ВОЗОБНОВЛЯЕМОЙ И ВОДОРОДНОЙ ЭНЕРГЕТИКИ	

Asia (1)

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

Asia (2)

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

China's provinces (1)

Region/ province/city	Year	Original text	English translation
Beijing	Aug-2021	北京市氢能产业发展实施方案（2021-2025年）	
Tianjin	Jan-2020	天津市氢能产业发展行动方案（2020—2022年）	
Shanghai	Jun-2022	上海市氢能产业发展中长期规划（2022-2035年）	
Jilin	Oct-2022	“氢动吉林”中长期发展规划（2021-2035年）	
Liaoning	Jul-2022	辽宁省氢能产业发展规划（2021-2025年）	
Hebei	Aug-2021	河北省氢能产业发展“十四五”规划	
Shanxi	Aug-2022	山西省氢能产业发展中长期规划	
An' hui	Nov-2022	安徽省氢能产业发展中长期规划	
Fujian	Dec-2021	福建省氢能产业发展行动计划（2022—2025年）	

China's provinces (2)

Region/ province	Year	Original text	English translation
Jiangxi	Sep-2023	江西省氢能产业发展中长期规划（2023-2035年）	
Shandong	Dec-2021	山东省氢能产业中长期发展规划（2020—2030年）	
Henan	Sep-2022	河南省氢能产业发展中长期规划（2022—2035年）	
Hunan	Nov-2022	湖南省氢能产业发展规划	
Guangxi	Aug-2023	广西氢能产业发展中长期规划（2023—2035年）	
Sichuan	Sep-2020	四川省氢能产业发展规划（2021—2025年）	
Guizhou	Jun-2022	贵州省“十四五”氢能产业发展规划	

China's provinces (3)

Region/ province	Year	Original text	English translation
Gansu	Dec-2022	甘肃省人民政府办公厅关于氢能产业发展的指导意见	
Ningxia	Nov-2022	宁夏回族自治区氢能产业发展规划	
Qinghai	Jan-2023	青海省氢能产业发展三年行动方案[2022–2025年]	
Xinjiang	May-2023	自治区氢能产业发展三年行动方案[2023–2025年]	
Inner Mongolia	Feb-2022	内蒙古自治区“十四五”氢能发展规划	

Oceania

Country	Year	Original text	English translation
Australia	Nov-2019	Australia National Hydrogen Strategy 2019	
	Dec-2021	State of Hydrogen 2021	
	Dec-2022	State of Hydrogen 2022	
New Zealand	Sep-2019	A Vision for Hydrogen in New Zealand	
	Aug-2023	Interim Hydrogen Roadmap 2023 (in the consultation phase)	
		Hydrogen economic modelling results 2023	



Center on
Global Energy Policy
at COLUMBIA | SIPA

