

Select high-level science and technology agreements

United States with Japan, South Korea, Taiwan, Australia, Singapore and India
(Compiled under direction of authors by Alisha Chandranathan, Asia Society Policy Institute)

Criteria #1: Only the following types of agreements have been included: 1) Treaties (binding) 2) High-level non-binding agreements named as Dialogues, Partnerships, Agreements, Initiatives, Forums, Roundtables

Criteria #2: Only agreements inked by the following ministries have been included: 1) Foreign Affairs/External Affairs 2) Commerce, Trade or Industry 4) Home Affairs/Internal Affairs 5) Science, Technology, Innovation, Electronics, Information Technology 6) President/Prime Minister/Cabinet Office 7) National Security Council

Criteria #3: Only the United States and the following Asian countries have been included: 1) Japan 2) South Korea 3) Taiwan 4) Australia 5) Singapore 6) India

Criteria #4: Only agreements announced after January 1, 2021

Criteria #5: Only agreements related to the following domains of science and technology have been included 1) Cybersecurity 2) Data, 3) Quantum 4) Biotechnology 5) Artificial Intelligence 6) Digital Economy 7) Electronics 6) Internet 7) Telecommunications 8) Supercomputing 9) Space 10) Robotics 11) Green, Climate, Sustainable, Energy

Nos.	Countries	Name	Type of Agreement	Date Announced/ Established/ Ratified	Signed by	Parent Agreement
1.	USA, Japan	The U.S.-Japan Competitiveness and Resilience (CoRe) Partnership	Partnership	16 April 2021	President leaders initiative Government of USA (President Joe Biden)-- White House Government of Japan (PM Suga Yoshihide)	
2.	USA, Japan	U.S.-Japan Global Digital Connectivity Partnership	Partnership	May 27, 2021	U.S.Department of State Ministry of Internal Affairs and Communications, Japan	Japan-U.S. Strategic Digital Economy Partnership (JUSDEP)
3.	USA, Japan	Framework Agreement for Cooperation in the Peaceful Uses of Outer Space	Agreement	January 11, 2023	U.S. Department of State Ministry of Foreign Affairs, Japan	
4.	USA, Japan	U.S.-Japan Climate Partnership on Ambition, Decarbonization, and Clean Energy	Partnership	June 11, 2021	U.S. Department of State Ministry of Economy, Trade and Indglobalustry, Japan	

5.	USA, Japan	Japan-United States Clean Energy Partnership	Partnership	June 11, 2021	U.S. Department of State Ministry of Economy, Trade and Industry, Japan	
6.	USA, Japan	Japan-U.S. Energy Security Dialogue Second Japan- U.S. Energy Security Dialogue	Dialogue	December 1, 2022 October 26, 2023	U.S. Department of State Ministry of Economy, Trade and Industry, Japan	
7.	USA, Korea	USA-ROK on Cooperation in Quantum Information Science & Technologies (QIST)	Meeting	April 26, 2023	White House Office of Science and Technology Policy Ministry of Science and Information and Communication Technologies (ICT), ROK The US Department of State (info)	Building on the Agreement Relating to Scientific and Technical Cooperation July 2, 1999, as extended (the “S&T Agreement”)
8.	USA, Korea	U.S.-ROK Next Generation Critical and Emerging Technologies Dialogue	Dialogue	8 December 2023	National Security Council (National Security Advisor), US Office of National Security ((National Security Advisor), ROK The White House	
9.	USA, Taiwan	U.S.-Taiwan Technology Trade and Investment Collaboration (“TTIC”)	Collaboration	December 6, 2021	U.S. Department of Commerce (DOC) Taiwan Ministry of Economic Affairs (MOEA) American Institute in Taiwan (AIT) Taipei Economic and Cultural Representative Office	
10.	USA, Taiwan	U.S. and Taiwan Cooperation on Battery Storage and Renewable Energy	Seminar	December 22, 2021	American Institute in Taiwan (AIT) Ministry of Economic Affairs	Technology Trade and Investment Collaboration Framework (TTIC)
11.	USA, Taiwan	U.S.-Taiwan Cybersecurity Forum	Forum	April 21, 2022	American Institute in Taiwan (AIT) Taiwan’s Ministry of Economic Affairs (MOEA) Financial Supervisory Commission (FSC)	Technology Trade and Investment Collaboration Framework (TTIC)

12.	USA, Taiwan	U.S.-Taiwan Science and Technology Cooperation Dialogue (STC-D)	Dialogue	May 22, 2023	National Science and Technology Council U.S. Department of State	Taiwan-U.S. Scientific and Technological Cooperation Agreement, 2020
13.	USA, Australia	Joint Statement of the United States of America and Australia on Cooperation in Quantum Science and Technology	Dialogue	November 19, 2021	Department of Industry, Science and Resources, Australia	
14.	USA, Singapore	USA-Singapore Cyber Dialogue	Dialogue	March 2022	U.S. Department of State Cyber Security Agency, Ministry of Communications and Information	
15.	USA, Singapore	U.S.-Singapore Dialogue on Critical and Emerging Technology (CET)	Dialogue	12 October 2023	The National Security Council (National security Advisor) The White House Ministry of Foreign Affairs, Singapore Ministry of Communications and Information	Upgrading the U.S.-Singapore Strategic Technology Partnership
16.	USA, Singapore	U.S.-Singapore Partnership for Growth and Innovation (PGI) Partnership	MoU	October 2021	U.S. Department of Commerce Singapore Ministry of Trade and Industry	Strengthening U.S.-Singapore Strategic Partnership
17.	USA, Singapore	U.S.-Singapore Shared Principles and Collaboration on Artificial Intelligence	Roundtable	June 5, 2024	U.S. Department of Commerce Ministry for Communications and Information	U.S.-Singapore Dialogue on Critical and Emerging Technology (CET) (co-relation)
18.	USA, India	U.S.-India initiative on Critical and Emerging Technology (iCET)	Agreement	May 2022	National Security Council, USA (National Security Advisor) The White House National Security Council, India (National Security Advisor)	4th Annual 2+2 Ministerial Dialogue
19.	USA, India	Semiconductor Supply Chain and Innovation Partnership	MoU	10 March 2023	U.S. Department of Commerce Ministry of Commerce and Industry, India PIB Info	India-US bilateral Commercial Dialogue 2023

20.	USA, India, Korea	Trilateral Technology Dialogue	Dialogue	March 13, 2024	National Security Council Secretariat, India National Security Office, Republic of Korea National Security Council, US US Embassy & Consulate in the Republic of Korea	US-South Korea Next Generation Critical & Emerging Technologies Dialogue
21.	USA, India	“Enhancing Innovation Ecosystems through an Innovation Handshake”	MoU	14 Novemeber, 2023	U.S Department of Commerce Ministry of Commerce and Industry	US-India Commerical Dialogue
22.	USA, India	U.S.-India Information and Communications Technology (ICT) Working Group	Working Group	May 15-16, 2023	U.S. Department of State Ministry of Electronics and Information Technology	Quad Critical and Emerging Technology Working Group (CET) U.S.-India initiative on Critical and Emerging Technology (iCET)
23.	USA, India	U.S.-India Climate and Clean Energy Agenda 2030 Partnership	Partnership	April 21, 2021	Department of Energy Ministry of Environment, Forest, and Climate Change Special Presidential Envoy, U.S. Prime Minister of India	