Major Robot Projects in Japan

Ministry of Economy, Trade and Industry

Project Name	Reference
Development of Technology for Building a Chiplet Design Platform (FY2023 - FY2027)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100255.html
Digital Infrastructure Development Project for Digital Transformation of Industries (FY2022 - FY2024)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100218.html
Research and Development Utilizing Wireless Communication Technologies to Reinforce the Dynamic Capabilities of the Manufacturing Industry (FY2021 - FY2025)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100191.html
Development of AI-Based Innovative Remote Technologies (FY2021 - FY2024)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100194.html
Research and Development Project of the Enhanced Infrastructures for Post-5G Information and Communication Systems (FY2020 -)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100172.html
Project to Construct a Basis for Research and Development of Innovative Robots (FY2020 - FY2024)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100188.html
Development of Integrated Core Technologies for Next-Generation AI and Robots (FY2018 - FY2023)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100138.html
Realization of a Smart Society by Applying Artificial Intelligence Technologies (FY2018 - FY2022)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100137.html
Project to Promote the Development and Standardization of Robotic Devices for Nursing Care (FY2018 - FY2022)	https://www.amed.go.jp/en/program/list/12/02/001.html
Drones and Robots for Ecologically Sustainable Societies Project (FY2017 - FY2022)	https://www.nedo.go.jp/english/activities/activities_ZZJP2_100080.html
Development of Core Technologies for Next-Generation AI and Robotics (FY2015 - FY2019)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100106.html
Development of Medical Devices and Systems for Advanced Medical Services (FY2014 - FY2018)	https://www.amed.go.jp/en/program/list/02/01/004.html
Project to Promote the Development and Introduction of Robotic Devices for Nursing Care (FY2013 - FY2017)	https://www.amed.go.jp/en/program/list/02/01/005.html

Cabinet Office

Project Name	Reference
Programs for Bridging the gap between R&d and the IDeal society (society 5.0) and Generating Economic and social value (FY2023 - FY2025)	n/a
Cross-ministerial Strategic Innovation Promotion Program (SIP): National Platform for Innovative Ocean Developments (FY2023 - FY2027)	https://www.jamstec.go.jp/sip3/e/index.html
Moonshot R&D Program: Moonshot Goal 1: Realization of a society in which human beings can be free from limitations of body, brain, space, and time by 2050. (FY2020 -)	https://www.jst.go.jp/moonshot/en/program/goal1/
Moonshot R&D Program: Moonshot Goal 3: Realization of AI robots that autonomously learn, adapt to their environment, evolve in intelligence and act alongside human beings, by 2050. (FY2020 -)	https://www.jst.go.jp/moonshot/en/program/goal3/
Cross-ministerial Strategic Innovation Promotion Program (SIP) Phase 2: Big Data and AI-Enabled Cyberspace Technologies (FY2018 - FY2022)	https://www.nedo.go.jp/english/activities/activities_ZZJP_100158.html
Cross-ministerial Strategic Innovation Promotion Program (SIP) Phase 2: Technologies for smart bio-industry and agriculture (FY2018 - FY2022)	https://www.naro.go.jp/laboratory/brain/english/sip/sip2/index.html
Cross-ministerial Strategic Innovation Promotion Program (SIP) Phase 2: Research and Development Plan on Innovative Technologies for Exploration of Deep Sea Resources (FY2018 - FY2022)	https://www8.cao.go.jp/cstp/english/12_deepsea_rdplan.pdf
ImPACT Program: Bionic Humanoids Propelling New Industrial Revolution (FY2015 - FY2018)	https://www.jst.go.jp/impact/bionichumanoids/en/index.html
Cross-ministerial Strategic Innovation Promotion Program (SIP) Phase 1: Next-generation technology fo ocean resources exploration (FY2014 - FY2018)	https://www.jamstec.go.jp/sip/en/index.html

Cabinet Office (cont'd)

Project Name	Reference
Impulsing Paradigm Change through Disruptive Technologies Program (ImPACT): Tough Robotics Challenge (TRC) (FY2014 - FY2018)	https://www.jst.go.jp/impact/en/program/07.html
Impulsing Paradigm Change through Disruptive Technologies Program (ImPACT): Innovative Cybernic System for a ZERO Intensive Nursing-care Society (FY2014 - FY2018)	n/a

Reconstruction Agency

Project Name	Reference
Fukushima Innovation Coast Framework	https://www.fipo.or.jp/en

Ministry of Education, Culture, Sports, Science and Technology

Project Name	Reference
ISHIGURO Symbiotic Human-Robot Interaction Project (FY2014 - FY2020)	https://www.jst.go.jp/erato/ishiguro/en/index.html
Intelligent Information Processing Systems Creating Co-Experience Knowledge and Wisdom with Human-Machine Harmonious Collaboration (FY2014 - FY2021)	https://www.jst.go.jp/kisoken/crest/en/research_area/ongoing/areah26-2.html
Todai Robot Project (FY2011 - FY2016)	https://21robot.org/index-e.html
RIKEN CBS-Toyota Collaboration Center (BTCC)	https://btcc.riken.jp/