Rolling Plan for the Kingdom of Thailand

| Basic Policy of Assistance | |
|----------------------------|--|
|----------------------------|--|

| Priority Area 1 | Sustainable de | Sustainable development of economy and coping with maturing society | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|---------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|------|--|--|--|--|
| | [Background and cu In order for Thailanc maintain and streng productivity.It should between Japan and | | | | | | | | | | | | | | | |
| Development Issue | Schedule | | | | | | | | | | | | | | | |
| Development Issue 1-1 | Japan's Assistance Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | Amount (100 Million Yen) | Note | | | | |
| Industrial Human Resources | | Cooperation is undertaken focusing on fostering industrial human resources through higher education support. | ASEAN University Network/ Southeast Asia Engineering Education Development Network (AUN/SEED-Net) Phase 4 | ТСР | | | | | | | 21.57 | | | | | |
| Development | Industrial Human | | Volunteer Group in the Area of Industrial Human Resources Development | JOCV/SV | | | | | | | | | | | | |
| Re | Industrial Human Resource Development Program | Resource Development Verification Survey with the Private Sector for Disseminating Japanese Technologies for Human Resources Development in Engineering by industry- | SDGs BMFS/SDGs BVS | | | | | | | | | | | | | |
| | | | Innovative Asia | CTR | | | | | | | | | | | | |

| | priority issues for ec international joint re- networks between re- | nt has set the promotion of science an conomic development. From the persp search between Thailand and Japan a | ective of benefiting both Japan and Thailand, we will promote nd strengthen international competitiveness through building t is necessary to improve research capabilities for solving | [Strategy] Utilizing scheme international con improve researc promote interna networks betwe | mpetitive ch capabi tional joir | ness and ilities of i nt resear | d solve is research rch. Prov | sues as institutio ide coop | a middle ons and l peration t | e-income higher eo hat will o | e country and ducation instit | global issues, utions, and | | |
|--------------------------------------|---|---|---|---|--|---|-------------------------------------|--|-------------------------------------|-------------------------------------|----------------------------------|-------------------------------|------|--|
| | | | | Schedule | | | | | | | Assistance | | | |
| | Japan's Assistance Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | Amount (100 Million Yen) | Note | | |
| | | Cooperation is undertaken focusing on improving research capabilities of research institutions and higher | Comprehensive Coversion of Biomass and Waste to Super Clean Fuels by New Solid Catalysts | STC | | | | | | | 3.00 | | | |
| Development Issue 1-2 Research | | education institutions, promoting international joint research, and strengthening networks between research and higher education institutions and researchers, to strengthen international | education institutions, promoting international joint research, and strengthening networks between research and higher education institutions and researchers, to strengthen international | education institutions, promoting international joint research, and strengthening networks between research and higher education institutions and researchers, to strengthen international | The Project for Development and Dissemination of Sustainable Production Systems Based on Invasive Pest Management of Cassava in Vietnam, Cambodia and Thailand | STC | | | | | | | 4.68 | |
| Capability Improvement | | | | | nstitutions and researchers, to strengthen international | nstitutions and researchers, to trengthen international | stitutions and researchers, to | Advancing Co-Design of Integrated Strategies for Adaptation to Climate Change in Thailand | STC | | | | | |
| | Research Capability Improvement Program | of developing countries and global issues. | Integrative Application of Human and Pathogen Genomic Information for Tuberbulosis Control | STC | | | | | | | 3.50 | | | |
| | riogram | | The Project on Regional Resilience Enhancement through Establishment of Area- BCM at Industry Complexes in Thailand | STC | | | | | | | 3.00 | | | |
| | | | The Project of Smart Transport Strategy for Thailand 4.0 | STC | | | | | | | 3.16 | | | |
| | | | Utilization of Thailand's Local Genetic Resources to Develop Novel Farmed Fish for Global Market | STC | | | | | | | 3.29 | | | |
| | | | Volunteer Group in the Area of Support for reserch ability enhancement | SV | | | | | | | | | | |

| | [Background and cu In order for Thailanc maintain and streng improve connectivity keep in mind that Th | to and distribution, including railway network, and ICT, and the development of Japan's growth strategy are the foundations for strengthening competitiveness. Cooperation for infrastructure development will be provided, including both hardware and software that contribute to realization. | | | | | | | | | | | | |
|-------------------------------|--|---|---|--------|---|-------------|-------------|-------------|-------------|-------------|----------------------|-----------------------------|------|--|
| | Japan's Assistance | | | | Defere | Γ | Sch | edule | | | Assistance Amount | | | |
| | Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | (100 Million Yen) | Note | | |
| | | Cooperation is undertaken focusing on policy advisors to promote the private sector in supporting institutional | Project for Improving Traffic Congestions in Bangkok through the Establishment of Model Area Traffic Control (ATC) System | TCP | | | | | | | 3.95 | | | |
| | | development, and infrastructure such as water and sewage systems and | Project for Community-based Entrepreneurship Promotion | ТСР | | | | | | | 2.05 | | | |
| | | urban mass transportation systems will be provided as the basis for strengthening competitiveness. | Urban Development Expert | EXP | | | | | | | | Yen loan incidental project | | |
| | | | Railway Expert under the Project Railway Development in Thailand | EXP | | | | | | | | Yen loan incidental project | | |
| Development Issue | | | Expert for Irrigation and Resilience Enhancement | EXP | | | | | | | | | | |
| 1-3 Quality | Quality Infrastructure Development | | Post-harvest Management and Community-based Development for Local Products | EXP | | | | | | | | | | |
| Infrastructure Development | Program | | Expert for Geological Survey and Irrigation Design | EXP | | | | | | | | | | |
| Detelopment | | | Capacity building to improve and harmonize laboratory methodology for food additives and contaminants in fishery products | CTR | | | | | | | | | | |
| | | | Issue-based Training in the field of infrastructure | TR | | | | | | | | | | |
| | | | Volunteer Groups in the Area of Support for the rural development | SV | | | | | | | | | | |
| | | | Project for Promotion of Economic Development and Connectivity in the Western Region | TCP | | | | | | | 2.06 | Yen loan incidental project | | |
| | | | Project on Capacity Improvement for Road Traffic Safety Institutions and Implementation in Thailand | TCP | | | | | | | 4.00 | | | |
| | | | | Pr | Project for Capacity Development on Tunnel Project Management in Thailand | ТСР | | | _ | | | | 3.40 | |
| | | | GNSS Senior Advisor | EXP | | | | | | | | | | |
| | | | Data Collection Survey on establishment of implementation fields for the utilization of Global Navigation Satellite System | BIS | | | | | | | | | | |
| | | | Project for Capacity Development and Promotion of Utilization of National CORS Data Center | TCP | | | | | | | 2.50 | | | |
| | | | Mass Transit System Project in Bangkok (Red Line) III | LA | | | | | | | 1668.60 | | | |
| | | | Japan's Non-Project Grant Aid for Provision of Japanese Next-Generation Vehicles for the Kingdom of Thailand | GA | | | | | | | 5.00 | | | |
| | | | The Plan for Economic and Social Development | GA | | | | | | | 2.00 | | | |

| Verification Survey with the Private Sector for Disseminating Japanese Technologies for Area-based Recycle-Oriented Pelletized Livestock Feed/Fertilizer Production and Utilization in Thailand | SDGs BMFS/SDGs BVS | | | | | |
|---|--------------------|--|--|--|------|--|
| Verification Survey with the Private Sector for Disseminating Japanese Technologies for Improvement of Milk Quality Control by Introducing Auto Milkers and Milk Coolers | SDGs BMFS/SDGs BVS | | | | | |
| Enhancing the Capacity on Data Analysis and Risk Management | EXP | | | | | |
| Data Collection Survey on Urban Redevelopment in Bang Sue Area | BIS | | | | | |
| Water Engineering and Utility Management Future Leaders Training Program | CTR | | | | | |
| Energy Policy | CTR | | | | | |
| Agriculture Studies Networks for Food Security (Agri-net) | CTR | | | | | |
| Project for Promoting Sustainability in Future Cities of Thailand | TCP | | | | 5.98 | |

| Development Issue 1-4 | [Background and current situation] The flood in the second half of 2011 caused a great deal of damage to Thailand's society and economy, as well as flooding industrial estates where many Japanese companies were operating, and seriously affecting the global supply chain, including Japan. It was therefore, an urgent task for the Thai government to tackle short-term and medium- to long-term hard and soft flood countermeasures for the flood seasons after 2012. | | | | implemented as a disaster prevention and flood control measure, short-term an | | | | | | | | | |
|--|---|---|--|---|---|---|--|---|--|---|---|---|--|--|
| Promotion of disaster prevention | Japan's Assistance | | | | | | Sch | edule | | | Assistance Amount | | | |
| including water disasters | Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | (100 Million Yen) | Note | | |
| | Disaster Prevention Promotion Program | Cooperation is undertaken focusing on hard and soft flood measures, measures in the agricultural and road sectors, and disaster prevention system development. | Issue-based Training in the fileId of disaster prevention | TR | | | | | | | | | | |
| | [Background and current situation] With the rapid industrialization and urbanization in Thailand, environmental pollution that affects the living environment and health of people has become an issue. Although the Thai government is actively working to improve the environmental sector, it is necessary to improve the enforcement of laws and regulations and cross-governmental efforts. Regarding climate change, which is a global issue, the Thai government is actively working to reduce greenhouse gases and formulate adaptation measures, but it is particularly necessary to strengthen its policy execution capabilities. | | | | roblems adminis additior nment, v te chang | such as strative o n, from th we will in ge count | s pollution capacity the viewp mplemen | n and en o solve e pint of re t and stu res, whil | vironme environm ducing t idy the e le buildir | ntal pollu nental pro he enviro xpansion ng a mod | oblems at the onmental load of transporta el for climate | nproved, and the local level will and improving ation systems in change | | |
| | | | | Thailand's initiat | | | | | provideo | to disse | minate the re | esults of | | |
| | Japan's Assistance | Program Summary | Project | Thailand's initiat | ives to n | | ing coun | | provideo | to disse | Assistance Amount | | | |
| Development Issue | Japan's Assistance Program | Program Summary | Project | | | | ing coun | ries. | JFY 2022 | JFY 2023 | Assistance | Note | | |
| 1-5 Environment / | | Cooperation is undertaken focusing on supporting the development of national | Project Project for Strengthening Institutional Capacity for the Implementation of Bangkol Master Plan on Climate Change | Thailand's initiat | Before JFY | JFY | JFY | ries. edule JFY | JFY | JFY | Assistance Amount (100 Million | | | |
| 1-5 | | Cooperation is undertaken focusing on supporting the development of national level systems to appropriately deal with environmental problems such as pollution, monitoring capacity | Project for Strengthening Institutional Capacity for the Implementation of Bangkol | Thailand's initiat | Before JFY | JFY | JFY | ries. edule JFY | JFY | JFY | Assistance Amount (100 Million Yen) | | | |
| 1-5 Environment / Climate change | | Cooperation is undertaken focusing on supporting the development of national level systems to appropriately deal with environmental problems such as pollution, monitoring capacity improvement, and strengthening the administrative capacity for planning | Project for Strengthening Institutional Capacity for the Implementation of Bangkol Master Plan on Climate Change | Thailand's initiat Scheme TCP | Before JFY | JFY | JFY | ries. edule JFY | JFY | JFY | Assistance Amount (100 Million Yen) | | | |
| 1-5 Environment / Climate change | | Cooperation is undertaken focusing on supporting the development of national level systems to appropriately deal with environmental problems such as pollution, monitoring capacity improvement, and strengthening the | Project for Strengthening Institutional Capacity for the Implementation of Bangkol Master Plan on Climate Change Volunteer in the Area of Support for the environment and climate change | Thailand's initiat Scheme TCP SV | Before JFY | JFY | JFY | ries. edule JFY | JFY | JFY | Assistance Amount (100 Million Yen) | | | |
| 1-5 Environment / Climate change | Environment / Climate Change | Cooperation is undertaken focusing on supporting the development of national level systems to appropriately deal with environmental problems such as pollution, monitoring capacity improvement, and strengthening the administrative capacity for planning and implementation of measures to solve environmental problems at the | Project for Strengthening Institutional Capacity for the Implementation of Bangkol Master Plan on Climate Change Volunteer in the Area of Support for the environment and climate change Project for appropriate waste management in Thailand Verification Survey with the Private Sector for Disseminating Japanese Technologies for Appropriate Medical Waste Disposal by the Next Generation's | Thailand's initiat Scheme ' TCP SV JPP | Before JFY | JFY | JFY | ries. edule JFY | JFY | JFY | Assistance Amount (100 Million Yen) | | | |
| 1-5 Environment / Climate change | Environment / Climate Change | Cooperation is undertaken focusing on supporting the development of national level systems to appropriately deal with environmental problems such as pollution, monitoring capacity improvement, and strengthening the administrative capacity for planning and implementation of measures to solve environmental problems at the | Project for Strengthening Institutional Capacity for the Implementation of Bangkol Master Plan on Climate Change Volunteer in the Area of Support for the environment and climate change Project for appropriate waste management in Thailand Verification Survey with the Private Sector for Disseminating Japanese Technologies for Appropriate Medical Waste Disposal by the Next Generation's Incinerators Experts for Development of New Pollution Management Model using PRTR and | Thailand's initiat Scheme * TCP SV JPP SDGs BMFS/SDGs BVS | Before JFY | JFY | JFY | ries. edule JFY | JFY | JFY | Assistance Amount (100 Million Yen) | | | |

| | enhance a social se account administrat | the most rapidly aging populations an curity system that includes health and | nong ASEAN countries, and there is a need to develop and medical care / welfare and nursing care systems, taking into imunity. There are also issues to be solved from the able people. | [Strategy] Regarding meas administrative ca experience. It also supports t persons with dis | apacity fo | or syster | ns and s | ervices \ | while sha | aring Jap | anese knowle | edge and |
|---|--|--|---|--|-----------------------|-------------|-------------|-------------|-------------|-------------|----------------------|----------|
| | | | | | | | Sche | edule | | | Assistance Amount | |
| | Japan's Assistance Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | (100 Million Yen) | Note |
| | | Cooperation is undertaken focusing on providing support for the introduction of health care, welfare, and nursing care | The Partnership Project for Global Health and Universal Health Coverage | ТСР | | | | | | | 2.76 | |
| | | systems and services to cope with an aging society, support for promoting | Project on seamless health and social services provision for elderly persons | ТСР | | | | | | | 3.02 | |
| | | the empowerment of socially vulnerable people such as victims of trafficking and persons with disphilition | Volunteer Group in the Area of Support for the Socially Vulnerable | JOCV/SV | | | | | | | | |
| | | trafficking and persons with disabilities through support for various schemes. | Preventive Long-Term Care (PLC) Promotion Project in Bangkok | JPP | | | | | | | | |
| Development Issue 1-6 Social security | | | Verification Survey with the Private Sector for Disseminating Japanese Technologies for Health Promotion for The Elderly by Applying Japan's Preventive Care System | SDGs BMFS/SDGs BVS | | | | | | | | |
| (aging measures, support for vulnerable people) | | | Collaboration Program with the Private Sector for Disseminating Japanese Technology for Dialysis system with Collaboration Program with the Private Sector for Disseminating Japanese Technology for the Water Purification and Dialysis Technique for the Region of ASEAN in the Dialysis Training Center Development plan | PCP-TC | | | | | | | | |
| | Social Security Program | | Project for the Prevention of Maternal and Neonatal death | PCP-TC | | | | | | | | |
| | | | Project for Strengthening Community-Based Health Services for People Living with HIV in Northern Thailand | JPP | | | | | | | | |
| | | | Verification Survey with the Private Sector for Disseminating Japanese Technologies for Introduction of "MIMAMORI SYSTEM" for Improvement of Welfare and Healthcare | SDGs BMFS/SDGs BVS | | | | | | | | |
| | | | Project for Improving Perinatal Mortality Rate by Using Very Small Mobile CTG Monitoring in Chiang Mai Province | JPP | | | | | | | | |
| | | | Pharmaceutical Regulation and International Harmonization (2019-2020) | EXP | | | | | | | | |
| | | | Verification Survey with the Private Sector for Disseminating Japanese technologies for preventing dengue pandemic and decreasing of the budgets for insect repellents using rapid testing kit, RapiDeng Ag for dengue virus infection in Thailand | SDGs BMFS/SDGs BVS | | | | | | | | |
| | | | Inclusive Development through Disability-inclusive Sports | TTR | | | | | | | | |

| Priority Area 2 | Coping with co | Coping with common issues in ASEAN countries | | | | | | | | | | | | | |
|--|--|--|---|---|---|--|---|--|---|--|--|--|--|--|--|
| | 50th anniversary, ar hardware and softwa promoting the realiz community in collab important to support | er of the Indochina Peninsula, Thailand ad is the key to the development of the are and reducing disparities within the ation of the ASEAN community, and it oration with Thailand, taking into acco | I plays a central role in ASEAN, which recently celebrated its Mekong region. Improving the ASEAN connectivity between region are important issues. Thailand plays a central role in is important to work on the promotion of the ASEAN unt the needs of the entire ASEAN and Mekong countries. It is ountries, such as the realization of the ACMECS master plan a region. | [Strategy] In order to impr institutional sup as customs, wil human network based on the A region will be st diseases. | port, and I be imple between SEAN-Init | support mented Japan a tiative fo | that con and con and ASE r ASEAN | tributes t sidered. AN, and s Integra | to the im Also, pro support f tion (IAI) | proveme omoting s for mitiga . In addit | nt of logistics support for st ating regional ion, food sec | s systems such rengthening the disparities urity in the | | | |
| | Japan's Assistance Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | Scho JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | Assistance Amount (100 Million Yen) | Note | | | |
| Development Issue 2-1 | | In order to improve ASEAN connectivity, cooperation is undertaken focusing on supporting policy proposals and system development, and contributing to the improvement of | Joint Cooperation for Myanmar by TICA/JICA | TTR | 2010 | 2010 | 2020 | 2021 | LOLL | 2020 | | | | | |
| Strengthening ASEAN / Mekong region connectivity | | | Introduction to Industrial Production Indices for Mekong Countries | TTR | | | | | | | | | | | |
| and mitigating disparities | | logistics systems such as customs. In addition, Japan will support higher education in engineering utilizing the | Project for Capacity Development to Accelerate Low Carbon and Resilient Society Realization in the Southeast Asia region | TCP | | | | | | | 3.00 | | | | |
| | ASEAN / Mekong Regional Connectivity | inter-university network between Japan and ASEAN. | Project for Stregnthening the ASEAN Regional Capacity on Disaster Health Management | TCP | | | | | | | 4.05 | | | | |
| | Strengthening and Gap Reduction Program | In areas where Thailand has strengths in the form of IAI support, support will be provided through third country | Protection,Repatriation and Reintegration of Trafficking in Person for Mekong Region | TCP | | | | | | | 3.05 | | | | |
| | training base | Program be provided through third country training based on Japan-Thailand cooperation. | Skill Development for Material Processing for Mekong Countries | TTR | | | | | | | | | | | |
| | | | ASEAN-Japan Logistics Project | MLIT-TA | | | | | | | | | | | |
| | | | ASEAN-Japan Port Technology Joint Research Project | MLIT-TA | | | | | | | | | | | |

| Priority Area 3 | Providing sup | oviding support for Third Countries | | | | | | | | | | | | | |
|--|--|--|--|--------|-----------------------|-------------|---------------------|----------------------|-------------|-------------|--|------|--|--|--|
| Development Issue | [Background and cu The Thai government technical cooperation provides financial co with Thailand, which countries think shout ASEAN, and Capac | should support. | | | | | | | | | | | | | |
| Third country support for countries outside ASEAN | Japan's Assistance Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | Scho JFY 2020 | edule JFY 2021 | JFY 2022 | JFY 2023 | Assistance Amount (100 Million Yen) | Note | | | |
| | Third Country | Japan and Thailand will collaborate on development issues in neighboring countries and countries outside the | International Road Infrastructure Development for ASEAN and BIMSTEC Networks | TTR | | | | | | | | | | | |
| | Support Program | ASEAN region, taking into account the | Project for Developing International Network to Enhance Competency of Medical Doctors in the Field of Dermatology | TCP | | | | | | | | | | | |

| Priority Area 4 | Other | | | | | | | | | | | |
|-------------------|-------------------------------|-----------------|---|--------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|------|
| | | | | | | Assistance | | | | | | |
| Development Issue | Japan's Assistance Program | Program Summary | Project | Scheme | Before JFY 2018 | JFY 2019 | JFY 2020 | JFY 2021 | JFY 2022 | JFY 2023 | Amount (100 Million Yen) | Note |
| 4-1 Other | | | Grassroots Human Security Grant Aid | GGP | | | | | | | 1.15 | |
| | Others | | Advanced Program for Legal and Judicial Human Resources Development | CTR | | | | | | | | |
| | | | Global Public Leadership Program (SDGs Global Leader) | CTR | | | | | | | | |

Legend: [PS] = Preparatory Survey, [DD] = Detailed Design, [TCP] = Technical Cooperation Project, [TCDP] = Technical Cooperation for Development Planning, [EXP] = Expert, [EQ] = Equipment, [CTR] = Country-focused Training, [TR] = Issue-based Training / Training Program for Young Leaders, [JOCV] = Japan Overseas Cooperation Volunteers, [SV] = Senior Volunteers, [TEXP] = Third-country Training, [ICT] = In-Country Training, [STC] = Science and Technical Assistance implemented by organizations other than MOFA and JICA, [PCP-TC] = Private Companies Proposed-Technical Cooperation, [GA] = Grant Aid, [GAF]=Grant Aid for Fishery, [FA]=Food Aid, [CGA]=Cultural Grant Assistance for Cultural Grassroots Projects, [EGA]=Emercy Grant Aid, [GANP]=Grant Aid for Fishery, [ML] = Multilateral Cooperation, [SME PPS]=Small and Medium-Sized Enterprise (SME) Partnership Promotion Survey, [SDGs BMFS]=SDGs Business Model Formulation Survey with the Private Sector, Solid Line [-----] = Tentative Schedule