



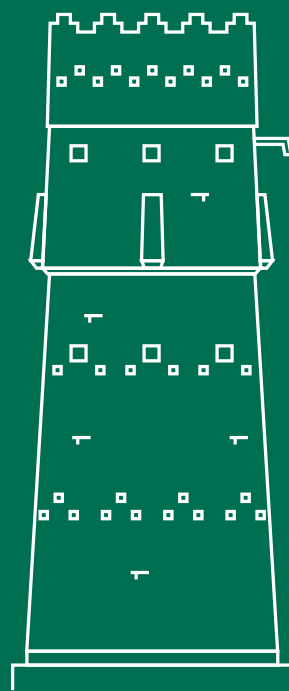
Saudi Japan VISION 2030

الرؤية السعودية اليابانية 2030

~Version 2020~

COMPASS OF NEW PARTNERSHIP

December 2020



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I. About Saudi-Japan Vision 2030

1. Overview of Saudi-Japan Vision 2030

Saudi Arabia and Japan have developed a strong partnership since 1955, when both countries first established diplomatic ties.

The two countries have mutually benefitted as Saudi Arabia has been the largest and most stable oil supplier for Japan, and Japan has been one of the largest customers for Saudi Arabia. Japan has imported 19.5 billion barrels of oil since 1950.

Similarly, strong mutual ties have been developed through trade and transfer of high-quality products and technologies. For instance, recently, the market share of Japanese automobile sales in Saudi Arabia exceeded 50%. Successful investments by Japanese companies in mega projects in the refinery and petrochemical sectors stand out as critical milestones for Saudi Arabia.

Saudi Arabia is experiencing highly dynamic socio-economic changes under “Saudi Vision 2030”, as is the bilateral relationship between Saudi Arabia and Japan. On September 1st, 2016, His Royal Highness and current Crown Prince Mohammed bin Salman and former Prime Minister Shinzo Abe created the “Joint Group for Saudi-Japan Vision 2030”, heralding a new era of partnership between the two countries.

“Saudi-Japan Vision 2030” was launched by former Prime Minister Abe and His Majesty King Salman bin Abdulaziz in March 2017, as a compass for a new strategic partnership. In June 2019, “Saudi-Japan Vision 2030 2.0” was announced which summarized the progressed and expanded cooperation projects, and “Saudi-Japan Vision 2030 2.0 Updated” was announced in October 2019. Subsequently, “Saudi-Japan Vision 2030 ~ Version 2020 ~” was finalized in December 2020. The number of projects involved in this initiative has increased from 31 to 81, and the number of ministries and institutions that have participated has increased from 41 to 73.



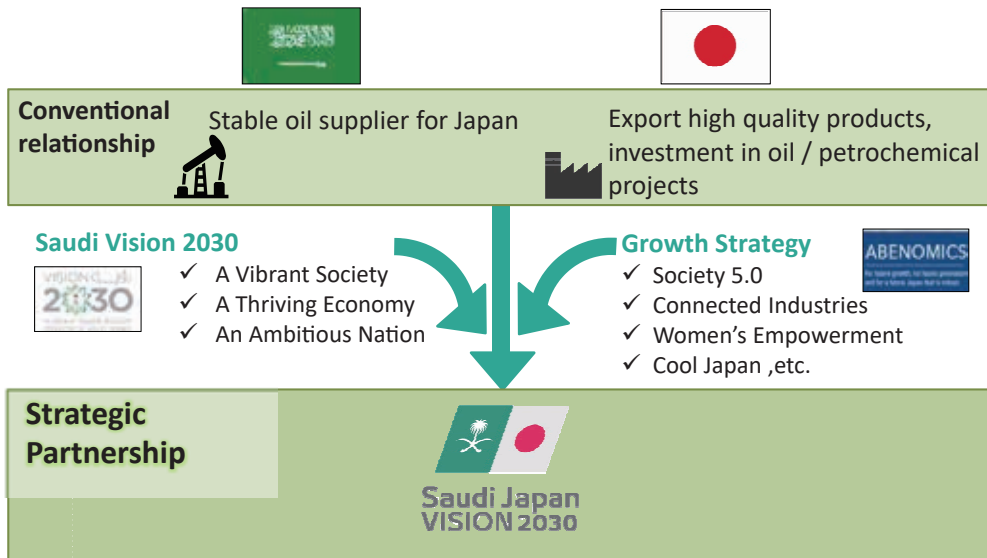
“Saudi-Japan Vision 2030” is a comprehensive vision to develop a strategic partnership which will serve our economy and our future prosperity by creating synergy between our two strategies.

“Saudi Vision 2030” sets clear goals for a vibrant society, a thriving economy and an ambitious nation. Japan has set a new growth strategy towards realizing Society 5.0 through connected industries. In addition, Japan’s growth strategy includes promoting women’s empowerment to develop a diversified and vibrant work force, while the Cool Japan policy adds cultural value to the economy.

The government of Japan is fully committed to supporting Saudi Arabia’s efforts to realize its socio-economic reforms. The governments of Saudi Arabia and Japan have jointly set the “Saudi-Japan Vision 2030” as a new compass for strategic partnership, and will utilize every potential opportunity to jointly implement projects within the Vision. The “Saudi-Japan Vision 2030” has four key features.

Conventional to Strategic Partnership

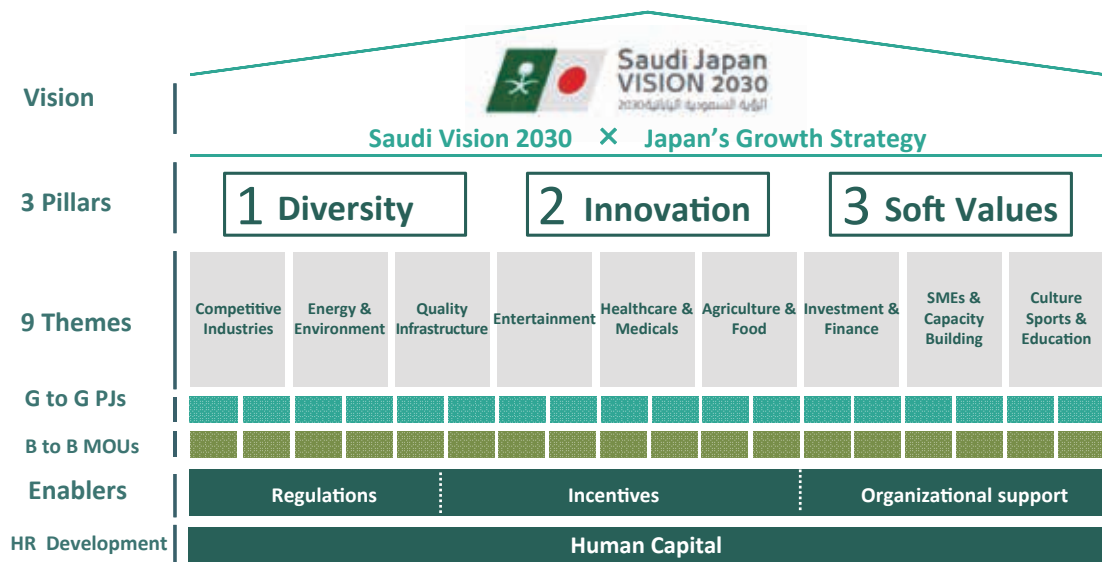
- Saudi-Japan Vision 2030, the new compass for strategic partnership, seeks synergy between Saudi Vision 2030 and Japan's Growth Strategy.



2. Key features of Saudi-Japan Vision 2030

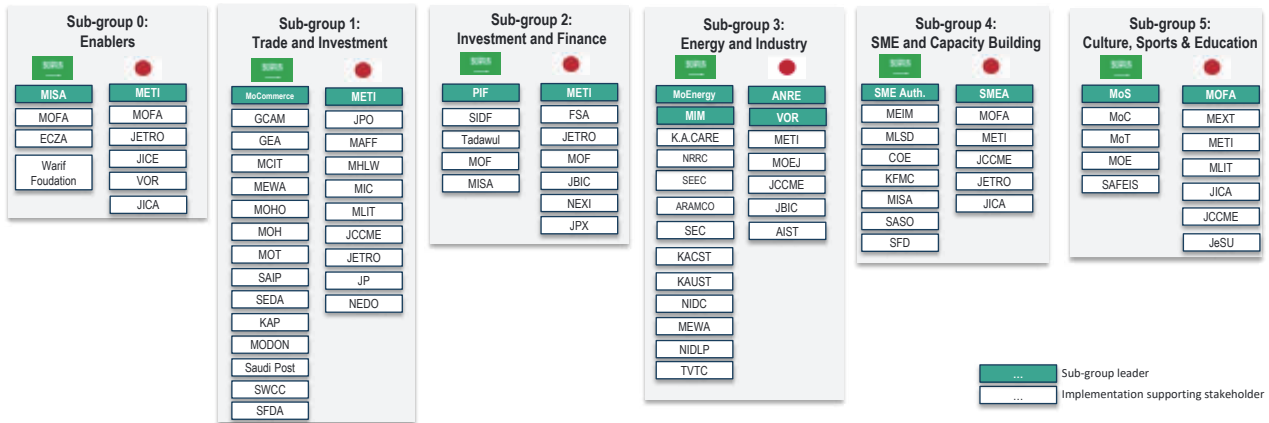
(1) Comprehensive approach

Under the 3 pillars of Diversity, Innovation and Soft values, 9 themes cover a wide range of areas, including competitive industry, energy, agriculture, SMEs, culture and sports. The number of projects has increased from 31 to 81.



(2) Public and private partnership

As of today, 73 ministries and relevant entities from both countries are involved under Saudi-Japan Vision 2030. Intensive and rapid interactions between counterpart offices and project managers of both countries are also taking place every day. In addition to 81 projects and other opportunities with government involvement, business entities from diverse areas have been actively seeking business opportunities both inside and outside of Saudi Arabia.



(3) Commitment to human resource development

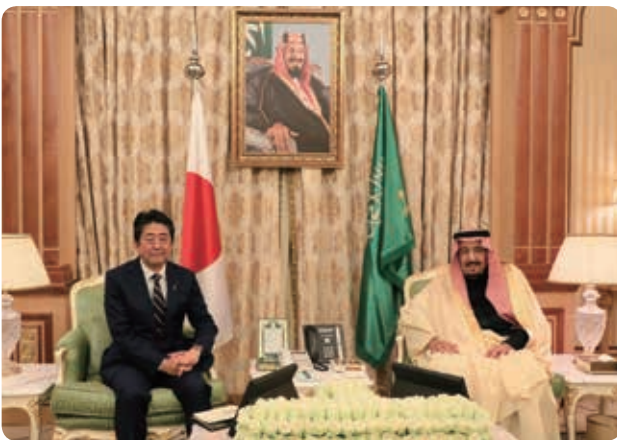
Both Saudi Vision 2030 and Japan's growth strategy put a high priority on human resource development. Japan's public and private sectors have supported capacity building in Saudi Arabia, resulting in the training of more than 10,000 Saudi workers. Going forward, the two countries aim to accelerate human resource development in new fields such as entertainment, finance, and SMEs.

(4) Strong enablers for Saudi-Japan Vision 2030

In parallel to conducting cooperation projects, both countries are identifying challenges with regulations, incentives, organizational support and human capital, and are making joint efforts to improve them. "Vision Offices" in both countries will serve as front offices that provide support to businesses and other projects.

3. History of Saudi-Japan Vision 2030

When His Royal Highness the current Crown Prince visited Japan in September 2016, our two countries agreed to establish a comprehensive framework at the ministerial level, titled: "Joint Group for Saudi-Japan Vision 2030." At the first Ministerial Joint Group held in October, 2016, five ministers set up five expert level sub-groups (a sixth subgroup was added in March 2017) under the Joint Group to cover a wide range of areas. As of December 2020, five Ministerial Meetings and ten rounds of sub-group meetings at an expert level have been held, resulting in fruitful discussions. In December 2020, "Saudi-Japan Vision 2030 ~ Version 2020 ~", which summarizes the cooperative projects, was finalized.



II. Saudi-Japan Vision 2030 Projects

1. Enablers

(1) Vision Office

The Japanese government opened the “Vision Office Riyadh (VOR)” in January 2018. Since its opening, it has held 472 business meetings and 33 seminars. VOR will continue to actively build relationships with companies interested in doing business in Japan and Saudi Arabia, and will function as the front office for promoting the “Saudi-Japan Vision 2030” project and finding potential cooperation opportunities.



In August 2020, the Ministry of Investment of Saudi Arabia (MISA) Tokyo Office Director was appointed to promote investment from Japan to Saudi Arabia. MISA provides investors with a number of services, from offering market data to supporting business development, designing incentives, and facilitating projects for investors. The MISA Tokyo Office Director will support Japanese companies interested in doing business with Saudi Arabia as the contact point for MISA. In December 2020, MISA Tokyo Office and VOR will hold the Saudi-Japan Vision 2030 Business Forum virtually, in collaboration with JETRO.

(2) Deepening cooperation between ECZA and VOR

In December 2020, the Economic Cities and Special Economic Zones Authority of Saudi Arabia (ECZA) and VOR signed an MOU for joint efforts to attract investments and accelerate the opportunities of the special economic zones (SEZs) in Saudi Arabia. The SEZs initiative is one of the major economic measures that aims to attract foreign companies to Saudi Arabia in line with Saudi Vision 2030 objectives. It is also expected to be a stepping stone to attracting investments from Japanese companies. As the first step of cooperation, ECZA and VOR organized a webinar in November 2020 and introduced more than 200 participating Japanese businessmen and investors to SEZs' investment opportunities. The seminar is planned to be held again in January 2021. Going forward, both sides will continue to enhance their support for Japanese companies keen to do business in Saudi Arabia, using the SEZs as a starting point.



(3) Future Shapers Initiative Program

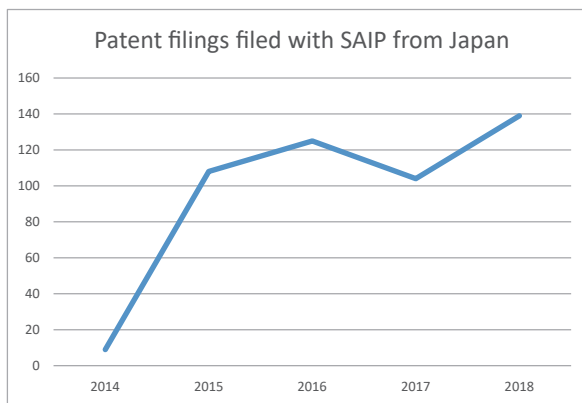
Warif Foundation and the Japan International Cooperation Center (JICE) will start the “Future Shapers Initiative Program” in January 2021 for 20 young business person and university students from Saudi Arabia. In light of the COVID-19 situation participants will take online lectures on Japanese culture and the areas of particular interest to both countries as an initial program before visiting Japan. The online program is to be held in January to encourage the Saudi youth to consider the ideas for promoting business and strengthening economic relations between the two countries.

Once the COVID-19 situation subsides and life returns to normal, the program will aim to be conducted in Japan and Saudi Arabia, which will finally nurture the youth who will serve as a bridge between the two countries.



(4) Cooperation on Intellectual Property

Since Saudi Arabia ratified the Patent Cooperation Treaty (PCT), the number of patent applications filed with the Saudi Authority for Intellectual Property (SAIP) from Japan has increased, and is expected to grow further. Therefore, SAIP and the Japan Patent Office (JPO) signed an MOC in October 2019 with the aim of creating an environment that allows easier utilization of intellectual property. Furthermore, the Patent Prosecution Highway pilot program was launched in January 2020 to expedite the examination of patent applications. Based on the MOC, SAIP and JPO will promote cooperation for accession to international treaties on design rights and trademarks, as well as in areas such as human resource development.



(Source : WIPO IP Statistics Data center)



2. Competitive Industries

(1) Monitoring System for a Large-Scale Water Transmission Pipeline Project

In June 2020, Yokogawa Electric received an order for a monitoring systems for the Jubail-Riyadh water transmission system to be built by the Saline Water Conversion Corporation. It will be one of the largest water transmission systems in the world, capable of transporting 1.2 million cubic meters per day. Delivery of the monitoring system will be completed by March 2021, and is scheduled to start operation by the end of 2021.



3. Energy & Environment

(1) Joint Crude Oil Storage Project in Okinawa

In 2010, the joint crude oil storage project was inaugurated to store crude oil from Saudi Aramco in oil tanks belonging to the Okinawa CTS Corporation in Okinawa Prefecture. The oil tanks are utilized commercially by Saudi Aramco as their supply base to any market where crude oil supply from Okinawa is required. In addition, this project contributes to the energy security of Japan through the supply of stored crude oil to the Japanese market in case of emergency. This project continues to be mutually beneficial for both countries and the contract was renewed in October 2019.



(2) Stable and Optimal “Hybrid Renewable Energy Supply Infrastructure” through the Use of IoT

Since July 2019, the Saudi Electricity Company (SEC) and the Ministry of Economy, Trade and Industry (METI), Japan have been working together to introduce infrastructure in Saudi Arabia that can supply renewable energy stably and in the most suitable form through the use of IoT. Japanese companies supported by New Energy and Industrial Technology Development Organization (NEDO) has been conducting a survey for a demonstration project since August 2020. In this project, solar PV panels, an energy storage system and an energy management system (EMS) will be packaged into one hybrid system. METI is aiming to introduce this package to a wind power site called Huraymila as “Hybrid Renewable Energy Supply Infrastructure” that will be connected using network technology including IoT. This hybrid package, which will use Japanese technology, is not only expected to be a milestone for Japanese companies seeking to do business in Saudi Arabia, but also to contribute to the energy policy of Saudi Arabia which is actively planning to introduce renewable energy under the “Saudi Vision 2030”.

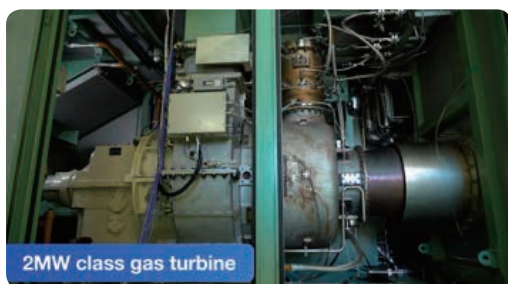


(3) Low-Carbon Energy Technologies such as Hydrogen, Ammonia and Carbon Dioxide Capture and Storage (Saudi-Japan Blue Ammonia Supply Network Demonstration)

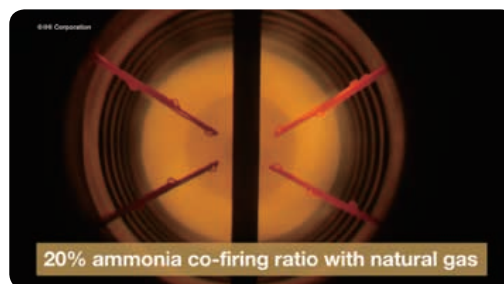
Saudi Aramco, Saudi Basic Industries Corporation (SABIC) and The Institute of Energy Economic, Japan (IEEJ) has carried out a demonstration of the supply chain for blue ammonia, produced from natural gas, between Saudi Arabia and Japan from August to November 2020. In Saudi Arabia, CO₂ was recovered from ammonia production process and used for Enhanced Oil Recovery (EOR, 20 tons) and methanol raw material (30 tons) to reduce CO₂ emissions. The produced blue ammonia (40 tons) was then transported to Japan and supplied to ammonia combustion testing facilities. A promotion videos is being presented to the public as an example of the Circular Carbon Economy (CCE), which shows the potential for decarbonization while utilizing hydrocarbons.



Ammonia Tanker, sailing out of Jubail Port (loading blue ammonia)

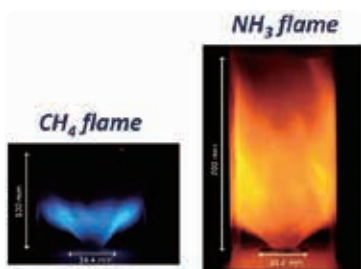


2MW Gas Turbine in IHI Yokohama Office



(4) Cooperation on Combustion Research for Low-Carbon Fuels

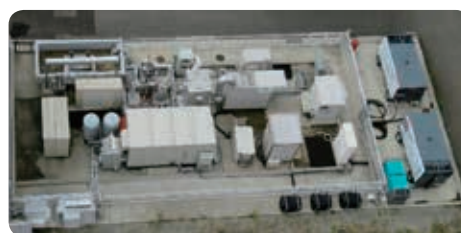
In September 2020, King Abdullah University of Science and Technology (KAUST) in Saudi Arabia and Tohoku University, and the National Institute of Advanced Industrial Science and Technology (AIST) in Japan began activities aimed at promoting the use of hydrogen and ammonia as fuels. Ammonia can be used as a means of transporting hydrogen, which is a CO₂-free fuel. KAUST and Tohoku University held a virtual workshop on combustion research and AIST has demonstrated power generation using CO₂-free ammonia. KAUST is supporting the promotion of the carbon circular economy in the fields of power generation and transportation in Saudi Arabia, and it is hoped that the cooperation between these three organizations will contribute to the decarbonization of the world.



Methane flames and ammonia flames
(Tohoku University)



Left: Ammonia mono-fuel combustion micro gas turbine power generation unit with 50kw power output (National Institute of Advanced Industrial Science and Technology)



Right: Ammonia direct combustion gas turbine research and development facility (National Institute of Advanced Industrial Science and Technology)

(5) Dispatch of Japanese Business Mission in Energy Efficiency and Renewable Energy Fields

Saudi Arabia, whose energy demand has been expanding, is putting a priority on energy efficiency and making efforts to introduce renewable energy to overcome its oil dependency. In November 2019, the Energy Conservation Center, Japan (ECCJ), Japanese Business Alliance for Smart Energy Worldwide (JASE-World), and Japan Cooperation Center for the Middle East (JCCME) dispatched a business mission of about 10 Japanese companies who are active in the fields of energy efficiency and renewable energy to Saudi

Arabia. Since then, many of the participating companies have visited Saudi Arabia again and are supporting the promotion of energy efficiency and renewable energy in the country using their expertise and technology. In addition, there are ongoing discussions to explore the business potential for Japanese companies in Saudi Arabia.

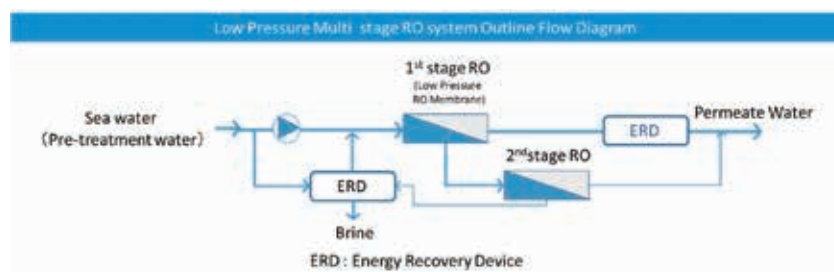
(6) Cooperation on Waste Management

The Ministry of the Environment (MOE), Japan and the Ministry of Environment, Water and Agriculture (MEWA), Saudi Arabia are working together to improve waste management based on the master plan for waste management in Saudi Arabia. In addition to holding waste management workshops in Riyadh and Dammam, in November 2019, MOE organized a training program in Japan on waste management and invited MEWA officials to participate. Japan will continue to share its expertise in areas such as waste management systems, waste power generation technologies and maintenance through workshops and other activities, and will identify specific projects that could serve as cooperative projects in the general environmental field. MEWA and MOE will sign an MOC in the field of environment in December 2020.

4. Quality Infrastructure

(1) Energy Efficient Seawater Desalination System Demonstration Project (Megaton Demonstration Project)

As the world's largest scale seawater desalination project (1 megaton/day), the Megaton Demonstration Project is demonstrating environmentally advanced technology that can be widely adopted throughout Saudi Arabia. The project aims to reduce the negative impact on the environment while also reducing capital costs by utilizing a reverse osmosis membrane system with a high seawater recovery rate. The equipment to be supplied from the Japanese side is being prepared, and the detailed decisions about the demonstration facility are approaching the final stages.



(2) Joint Pilot Test Project for Brine Concentration Membrane Technology for Brine Management of Seawater Desalination

Toyobo and Saline Water Conversion Corporation (SWCC) signed an MOU for a joint pilot test of Brine Concentration (BC) membrane technology for brine management of seawater desalination in October 2019. The pilot test equipment was installed at the SWCC Al Jubail RO plant in January 2020 and the joint pilot testing has started. This BC membrane technology is a brand new technology that dilutes brine for reuse and increases water production at seawater desalination plants. It can also achieve a high concentration rate with less energy compared to existing technology, which makes it possible to recover valuable materials. The technology is expected to be applied commercially in the future. Arabian Japanese Mem-



brane Company, Toyobo's subsidiary in Saudi Arabia, is also participating in this pilot test and contributing to the development of new membrane technology and technology transfer.

(3) Cooperation in the Transport Sector

Based on an MOC signed in August 2018 with the Ministry of Transport (MoT), Saudi Arabia, the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan has been conducting a study on the transport sector in Saudi Arabia. In February 2020, a seminar and site visits were held in Saudi Arabia, and 96 people from both countries participated, including from Japanese private companies. Going forward, the Japan side is planning to exchange opinions through online meetings with related ministries and companies and make contact with the Saudi Arabia side, and is also planning individual business matching. The goal is to improve the Saudi Arabian transport sector by utilizing Japanese knowledge in the transport field with involving Japanese companies.



(4) Cooperation in ICT

On November 30th 2020, Ministry of Communications and Information Technology (MCIT), Saudi Arabia and Ministry of Internal Affairs and Communications (MIC), Japan jointly conducted the Digital Connectivity and COVID-19 response workshop during Saudi presidency of the G20.

The participants in the workshop were from international institutions and representatives from some members of the G20. The workshop had two sessions:

Session 1: Advancing Global Connectivity – Challenges, Opportunities and a new G20 Impetus: This session discussed the current situation across the main barriers towards achieving global connectivity and aim to outline additionally required assistance going forward.

Session 2 The Importance of Digital Technology for effective COVID-19 Response – Discussing national examples, initiatives, and success stories: this session aimed to provide an overview of successful response initiatives to the COVID-19 crisis using digital technology, while also highlighting common drawbacks and ways to address these.



From 2018, MCIT and MIC jointly hold a public/private workshop and promote interactions between Japanese and Saudi Arabian ICT-related companies, and this workshop has led to the introduction of telemedicine platform in Saudi Arabia. From the view of the importance of telecommunication infrastructure, the Japanese operating company and MCIT have been consulting on High Altitude Platform Station (HAPS). Regarding 4G/5G, the MOU was concluded between Japanese and Saudi Arabian telecommunications carriers in October 2020, and various technical cooperation will be promoted.

5. Entertainment

(1) Human Resource Development in Entertainment Sector

Japan Cooperation Center for the Middle East (JCCME), in cooperation with the Saudi General Commission for Audiovisual Media (GCAM), chambers of commerce and industry in Jeddah and the Eastern Province, and game-related private sector companies, is engaged in projects to promote human resource development in entertainment fields such as games, animation, manga, and computer graphics. Saudi Vision 2030 encourages the entertainment and recreation in the national transformation, and the demand for human resource development in the entertainment sector is greatly increasing in Saudi Arabia. In March and September 2019, the first and second game development training program were held, respectively, and a total of 17 Saudi game creators were invited to Japan for a game production training program and a Tokyo Game Show visit. In November 2020, the third game development training program (game development for smartphones) was held for 11 participants online

for the first time. In addition, in December 2019, Japanese experts were sent to Riyadh, Jeddah, and Dammam to hold lectures on the game business for game related companies, which were attended by approximately 130 to 150 game professionals. The second series of lectures is scheduled to be held online in December 2020.



(2) Premiere of an Animated Series Co-produced by Japan and Saudi Arabia in Japan

Manga Productions, a contents production company that is part of the Saudi Arabian MiSK Foundation, and Toei Animation have collaborated for two years to produce the anime series “Asateer: Mirai no Mukashibanashi (Future's Folktales)”. In cooperation with Sumitomo Corporation, it was first aired in Japan from April to June 2020 on J:COM cable television, a member of the Sumitomo Corporation group. In addition, Manga Productions and the J:COM subsidiary Asmik Ace have signed a distribution agreement for the overseas distribution rights for the series, excluding the Middle East, and further development of cooperation between companies in exporting content can be expected.



(3) Holding of Saudi Anime Expo 2019, Saudi Arabia's First Official Japanese Anime Event

The Saudi Anime Expo, an event to showcase Japanese anime, was held for the first time in November 2019. Japanese advertising agency Dentsu was involved in this expo organized by the Saudi Arabian government as a general producer. The event was visited by 37,800 people over three days, which included various exhibitions, stage performances, a merchandise booths, and a Japanese food café. Dignitaries from the Saudi Arabian government attended the opening ceremony, which made it a symbolic event for the Saudi Vision 2030 and lifting the ban on entertainment.



(4) Discussions for Holding the Saudi Arabia vs. Japan esports Match

The Japan esports Union (JeSU) and the Saudi Arabian Federation for Electronic and Intellectual Sports (SAFEIS) have begun discussions on the hosting of the Saudi Arabia vs. Japan esports Match, which was agreed upon in 2018, with a view to implementing the tournament during 2021, taking into account the state of the COVID-19 situation.



6. Healthcare & Medicals

(1) Cooperation in Endoscopic Treatment

The Ministry of Health (MoH), Saudi Arabia and the Ministry of Health, Labour and Welfare (MHLW), Japan has mutually organized a one-year training program for Saudi Arabian doctors on endoscopic treatment in Japan. The training program started at Oita University in July 2019 and Kitasato University in December 2019. The program included not only lectures about endoscopy, seeing endoscopic procedures of Japanese expert, and experiencing endoscopic procedure on a simulator, but also opportunities for Saudi doctors to be a part of medical team who provides medical services to patients. The training makes it possible for them to actually improve their skills. Eventually this project is expected to contribute to the improvement of quality of medicine in Saudi Arabia.



(2) Training for Saudi Doctors on New Surgical Techniques for Cardiac and Aortic Diseases

Japanese Organization for Medical Device Development (JOMDD), Abdul Latif Jameel General Trading, and the Ministry of Health of Saudi Arabia agreed in February 2020 to train Saudi Arabian physicians in AVneo, a new surgical technique for cardiac and aortic diseases. AVneo is more affordable than conventional surgical techniques and is currently being introduced in Japan, Europe, and the US. We aim to conduct on-the-job training in 2021 after online training is performed.



7. Agriculture & Food

(1) Agreement on Beef Export Terms, Overseas Agricultural and Trade Investment Environment Survey and Analysis Commission

In cooperation with the Ministry of Health, Labour and Welfare (MHLW), Japan, the Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan has been in discussions with Saudi Arabian authorities on lifting the ban on the export of Japanese beef. As a result, the export requirements and export quarantine certificate format for Japanese beef were agreed upon in June 2020. In order to actually export beef to Saudi Arabia, it will be necessary for (1) Halal certification body (HCB) in Japan to be registered with the Saudi Arabian government, and (2) slaughterhouse certified by the HCB to undergo procedures to receive certification from prefectural as export-approved facilities.

In addition, as the global food value chain is being restructured due to the COVID-19 situation, MAFF conducted an analysis and survey on the impact of the COVID-19 situation on the food value chain in Saudi Arabia to support the overseas expansion of the Japanese food industry in 2020.

8. Investment and Finance

(1) Cooperation by the Japan Bank for International Cooperation (JBIC)

Japan Bank for International Cooperation (JBIC) holds an event known as “JBIC Seminar” every year with the aim of promoting positive mutual relations and knowledge-sharing with its important foreign partners. At the JBIC Seminar held in November 2019, representatives from Saudi Arabia's Export Development Authority and Saudi Aramco were invited, and JBIC shared their financing knowledge by various hosting lectures and focused-discussions with the other seminar participants. These discussions covered a range of topics, including the role and operations of JBIC and was, therefore, a helpful opportunity to further strengthen the cooperative relationship between Japan and Saudi Arabia.



(2) Signing of MOU between Saudi Electricity Company (SEC) and the Japan Bank for International Cooperation (JBIC) in Power Sector

Saudi Electricity Company (SEC) and the Japan Bank for International Cooperation (JBIC) signed an MOU in December 2020 to strengthen their strategic partnership in the power sector in Saudi Arabia. While SEC is promoting smartification and digitization, JBIC is willing to contribute energy transition and environment and sustainability in line with the government of Saudi Arabia's energy policies. Based on this MOU, the two institutions will exchange information and opinions with a view to a concrete partnership, and develop solutions to the challenges faced by the SEC in the power sector through investments by Japanese companies and/or the introduction of Japanese products and technologies. Based on future discussions, the two institutions will plan to hold business matching events in which relevant institutions and companies are invited to participate, and the JBIC will consider possible finance for specific projects.

(3) Building a Cooperation Framework between the National Debt Management Center, Ministry of Finance, Saudi Arabia and Nippon Export and Investment Insurance (NEXI)

The National Debt Management Center (NDMC), the responsible agency for managing the public debt of the Ministry of Finance (MOF), Saudi Arabia, and Nippon Export and Investment Insurance (NEXI) intend to sign an MOC to establish a cooperation framework in the financial sector. The two parties will discuss financing from NEXI to the MOF through NDMC based on this MOC. The financing from NEXI will promote cooperation between the two countries under the Saudi-Japan Vision 2030, which is expected to contribute to the further development of the Saudi Arabian economy.

(4) Initiatives of Private Sector Financial Institutions

Japanese financial institutions have contributed to diverse businesses in Saudi Arabia. Three Japanese mega banks are participating in a USD 10 billion Syndicated bank loan to the Public Investment Fund, a sovereign wealth fund in Saudi Arabia. Moreover, in addition to Mizuho Bank, which has been operating in Saudi Arabia since 2009, MUFG Bank and Sumitomo Mitsui Banking Corporation established a local branch and a local subsidiary in 2018, respectively.

Furthermore, Japanese financial institutions have signed several MOUS with Saudi Arabian financial institutions with the aim of promoting investment between Japan and Saudi Arabia and developing the Saudi economy. Based on this MOU, they are working on various forms of cooperation such as the introduction of Japanese companies and investors and human resource development.

9. SMEs & Capacity Building

(1) Training for Productive Maintenance (PM) and Quality Control (QC)

The Small and Medium Enterprise Agency, in cooperation with relevant organizations, conducts training for productive maintenance (PM) and quality control (QC) for the development of SMEs in Saudi Arabia in order to promote industrial diversification and youth employment creation. Since the first training session in 2014, six training sessions have been held by February 2020, and a total of about 350 engineers have been participated. The next training session is scheduled to be held online in January 2021, taking into account the impact of COVID-19 situation.



(2) Support for the Saudi Japanese Automobile High Institute (SJAHI)

Through assistance for the Saudi Japanese Automobile High Institute (SJAHI), the activities of the institute to train young people in the field of automobile maintenance are supported. SJAHI was established in 2002 with the support of the governments of Japan and Saudi Arabia with the aim of supporting young Saudi Arabians to become self-reliant through the acquisition of basic skills in the field of automobile maintenance. In Saudi Arabia, it is supported by the National Industrial Cluster Development Program (NICDP) and the Technical and Vocational Training Corporation (TVTC). The number of Saudi graduates who have acquired skills at SJAHI has reached a total of about 3,500 as of July 2020, and many of them are employed by Japanese car dealers in Saudi Arabia. The employment of young people is a major social issue in Saudi Arabia, and this project is making a significant contribution to Saudization by securing employment for young Saudis in addition to technical training.



(3) Support for the Saudi Electronics & Home Appliances Institute (SEHAI)

The activities of the training institute to train young people in the field of electronics and home appliance repair are supported through assistance for the Saudi Electronics & Home Appliances Institute (SEHAI) together with the Technical and Vocational Training Corporation (TVTC). SEHAI was established in 2009 with the support of the governments of Japan and Saudi Arabia with the aim of supporting young Saudi Arabians to become self-reliant through the acquisition of skills related to electronics and home appliances. As of September 2020, the program has produced a total of 884 graduates with 827 of them finding a job, and it is contributing to the improvement of the youth unemployment rate in Saudi Arabia. The skills training for SEHAI instructors will be conducted online this fiscal year.



10. Tourism, Culture, Sports & Education

(1) Cooperation Framework between the Saudi Ministry of Tourism (MT) and the Japan Tourism Agency

Following the Saudi Arabia's decision, in September 2019, to start issuing tourist visas, an MOC will be signed between the Ministry of Tourism (MT), Saudi Arabia and the Japan Tourism Agency to promote cooperation in the tourism sector. Under the MOC, the two countries will exchange information on the area such as tourism development, investment, and digital technology services for travelers, and they will also contribute to tourism development by encouraging tourism operators in each country to jointly engage in tourism activities.

(2) Cultural Exchange between Japan and Saudi Arabia

To further increase the growing number of fans of Japanese culture in Saudi Arabia, the Embassy of Japan in Saudi Arabia has organized events, since October 2019, such as tea ceremony and calligraphy lectures by Japanese masters, the "Beautiful Handicrafts of Tohoku, Japan" exhibition at the National Museum of Saudi Arabia, and a Japanese food lecture by the chef for the Japanese Ambassador in Saudi Arabia. It is expected that the cultural exchange between Japan and Saudi Arabia will be reaccelerated again as soon as the COVID-19 situation subsides.



(3) Sports Exchange

Japan and Saudi Arabia have been cooperated in sports exchange. Training has recently been provided by a female Japanese judo coach (June 2019 - March 2020) who has lived in Saudi Arabia long-term and by a female Japanese soccer coach (December 2019).

(4) Signing of an MOU between the University of Tokyo and MiSK Foundation to establish the Mohammed bin Salman Center for Future Science and Technology

The University of Tokyo and MiSK Foundation have signed an MOU in February 2020 to establish the Mohammed bin Salman Center for Future Science and Technology with the aim of supporting innovation between Japan and Saudi Arabia in many fields including big data and cyber security, renewable energy, mechatronics and robotics, and medicine and biomedicine. Related cooperation is planned between the University of Tokyo and Princess Nourah Bint Abdulrahman University in projects such as green hydrogen production.



(5) Programming Education for Elementary School Students in Saudi Arabia

Castalia is a technology company specializing in education, with the development and sale of the mobile learning platform Gocus at its core, as well as a programming education business using the small robot ozobot. In May 2020, Castalia signed an MOU with the education company Advanced Idea, which is supported by the Japan Cooperation Center for the Middle East (JCCME), to expand its children's programming education program in Saudi Arabia, which is being offered to more than 400 classrooms of major Japanese tutoring schools. The MOU aims to develop programming education tutoring schools in shopping malls in major cities in Saudi Arabia and to introduce programming education curriculum for private schools. This kind of science and mathematics education is expected to be in high demand in the field of education in Saudi Arabia from the perspective of improving the level of education for children and increasing the added value of education, and it is also recognized as a meaningful project that is suitable for the social needs of future employment. There are also plans to train Saudi female instructors.



(6) Training for the Ministry of Education of Saudi Arabia

The reform of primary and secondary education is underway in Saudi Arabia, and one of the most important issues is the capacity building of teachers and the improvement of the quality of education. Through the participation of Saudi Arabia's Ministry of Education officials in the JICA training course, techniques and knowledge of problem-solving teaching practices using a student-centered approach are expected to be shared and contribute to the quality improvement of education at the national, regional, and individual school levels.

- Quality Improvement of Primary Science Education (“Teaching and Learning” at On-site Education)

October 2019 to December 2019, participated in by one Saudi Arabia's Ministry of Education staff member

- Improvement of Quality of Education through Lesson Study

November 10, 2019 to November 30, 2019, participated in by four Ministry of Education staff members



Improvement of Quality of Education through Lesson Study

(November 10, 2019 to November 30, 2019)

11. Other Projects (Including projects that have already been completed)

Under Saudi-Japan Vision 2030, relevant ministries and organizations of both countries are working on more projects as listed below.

- Improvement of visa convenience
- Investment treaty
- International Agreement for Cost-Sharing Technical Cooperation
- Cooperation Program between NIDLP and Saudi-Japan Vision Office in Riyadh
- Cooperation in startup and innovation
- Investment and trade promotion activities
- Cooperation in e-commerce business
- Implementation of anti-counterfeit measures
- Capacity building on trade and investment policies
- Capacity building on trade promotion measures
- Set up a partnership to co-develop the 4th Industrial revolution in Saudi Arabia
- Feasibility study of automotive manufacturing in Saudi Arabia
- International education and research network project in Saudi Arabia
- Cooperation in the IPO of Saudi Aramco
- Infrastructure development of petroleum and natural gas in Saudi Arabia
- Human resource development in nuclear energy sector
- Realization of the hydrogen society
- Electric Vehicles Demonstration Project
- Cooperation on seawater desalination and reclamation of water
- Cooperation on forward osmosis technology
- Gas Insulated Switchgear life extension
- Cooperation on the treatment of industrial waste water
- Cooperation in Housing Sector
- Embarkation on Logistics business in King Abdullah Port (KAP)
- Cooperation in the field of ICT
- Cooperation in the development of theme parks industry
- Cooperation in the development of entertainment events
- Cooperation in emergency and disaster medicine development
- Cooperation on Medical products regulation
- Promotion of medical robot suits
- Women Health Development
- Cooperation between Saudi Tadawul and Japan Exchange Group (JPX)
- Cooperation between Saudi Tadawul and Nomura International PLC
- Cooperation for human capital development of Saudi nationals by Japanese 3 mega-banks
- Collaboration on Japan Africa Public Private Forum
- SME Business Matching
- Establish of maintenance and human resource development center for plant machinery and equipment in Saudi Arabia
- KAIZEN dissemination by JICA in SASO and KFMC
- JICA's Cooperation for enhancement of the citizen participatory activities
- Joint contributions in international development assistance
- Cooperation in national heritage
- Cooperation for the "Roads of Arabia" exhibition
- Sports Exchange (Karate, Judo, Weightlifting, Sports Science, Swimming and Fencing)
- Cooperation Framework in the Field of Culture

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الرؤية السعودية اليابانية 2030

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