

JCCP

Japan Cooperation Center for Petroleum and Sustainable Energy

We are the Petropartner's club.



Japan Cooperation Center for Petroleum and Sustainable Energy (JCCP)

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About JCCP

Japan Cooperation Center for Petroleum and Sustainable Energy (JCCP) was founded in 1981 to promote friendly relations between oil- and gas-producing countries and Japan through technological exchanges and to contribute to securing a stable supply of oil and natural gas to Japan. Toward this end, it implements various programs that strengthen human and technological exchanges in the refining, logistics, marketing, and other downstream sectors of the oil and natural gas industry.

Human Resource Development Programs aim to enhance mutual development by sharing Japan's technologies, knowledge, and experience with engineers, managers, and other professionals in the downstream sectors in oil- and gas-producing countries, either by inviting them to participate in programs conducted in Japan, or by sending Japanese experts to conduct local seminars.

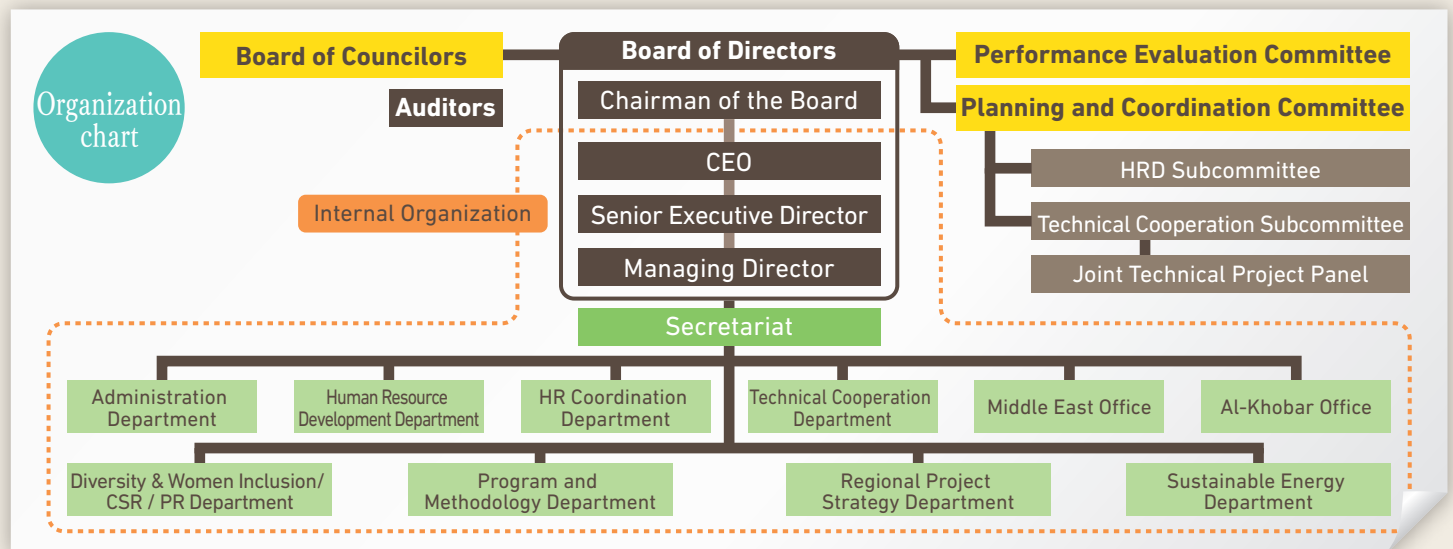
Technical Cooperation programs are held jointly by oil- and gas-producing countries and Japan in response to requests regarding specific needs and issues in oil- and

gas-producing countries. With the participation of Japanese companies, engineers from both sides cooperate in seeking solutions to technical issues and in introducing and developing new technologies in counterpart countries.

International Cooperation projects complement JCCP's efforts for the transfer of technologies and know-how from Japan to oil- and gas-producing countries. Through international conferences and alumni meetings, they help to create and deepen interpersonal networks and aim to strengthen trust and establish closer ties with counterpart countries.

Passing on the precious resources of oil and natural gas to the next generation and securing a stable supply are important issues for both oil- and gas-producing countries and consuming countries, and these issues will require further cooperation in the future.

Since its foundation, JCCP has developed close cooperative ties with government agencies in oil- and gas-producing countries as well as downstream companies in the oil and natural gas industry around the world. To further strengthen these friendly relations, JCCP will continue to engage in operations that contribute to securing a stable supply of oil and natural gas to Japan while also focusing on initiatives to protect the global environment.



International Cooperation

International Cooperation programs promote information and human exchanges and aim to strengthen trust and establish closer ties with oil- and gas-producing countries through international conferences, research and surveys, network conferences (alumni meetings), and other such events in the oil, natural gas, and sustainable energy fields in counterpart countries.

<International Symposium> The JCCP International Symposium is held once every year with the aim of assuring stable supplies of oil and natural gas and realizing a sustainable energy society. Government officials from oil- and gas-producing countries and business executives of oil-related institutions are invited to Japan to take part in an exchange of views regarding issues that need to be addressed in cooperation between oil- and gas-producing countries and Japan.

In addition, theme-based joint symposiums

International Symposium / Joint Symposium with Oil- and Gas-Producing Countries / Research and Survey / Network Conference / Exhibition

are held in Japan and in oil- and gas-producing countries as forums for discussion of common issues with the counterpart countries. They aim not only to promote information exchange, but also to create opportunities for new collaboration between oil- and gas-producing countries in Japan.

<Network Conference> Network conferences mainly consist of alumni meetings. In host countries selected by the Meeting, persons concerned from previous HRD and technical cooperation programs gather to enhance JCCP's future projects and to maintain and strengthen human relationships through an exchange of opinions.

<Exhibition and Other Events> JCCP endeavors to gain wider recognition of its activities in and outside of Japan by taking the occasion of exhibitions and other events held in oil- and gas-producing countries to introduce its activities and foster greater understanding.



Human Resource Development Program

JCCP's HRD programs aim to develop human resources in oil- and gas-producing countries by transferring the technologies and experience that Japan's oil and engineering industries have accumulated through their overall management of oil and natural gas downstream sectors.

JCCP conducts its own distinctive HRD programs in response to the needs of oil- and gas-producing countries. These programs cover such topics as Japanese business styles and ways of thinking through lectures and course activities based on Japan's cutting-edge technologies, experiences, and achievements. Since its establishment, JCCP has welcomed more than 26,400 participants to Japan and sent over 5,600 experts abroad.

<HRD Program in Japan> HRD programs offered at JCCP's headquarters include lectures as well as visits to Japanese oil companies, engineering firms, and other related corporations for participants to learn about Japanese technology and management. Open to multinational participants, **Regular Course Programs** are implemented in such areas as strategic management, financial management, human resource development, project management, carbon neutrality, SCM, Digital Transformation (DX) technologies, environmental countermeasures, petroleum-related technologies, and quality and safety management. In recent years, particular emphasis has been placed on enhancing courses on carbon neutrality and DX

HRD Program in Japan/HRD Program Overseas Regular Course Program / Customized Course Program / Member Company Program Researcher Exchange Program

technologies. JCCP also offers **Customized Course Programs** to meet specific needs in oil-producing countries, and **Member Company Programs** conducted jointly with JCCP member companies based on requests from oil- and gas-producing countries. In response to yearly increasing requests from oil- and gas-producing countries regarding the content of such programs, JCCP is actively cultivating new themes and program styles. Some of the recent new initiatives include internship programs that are held by receiving participants from oil-producing countries over a medium term, leadership programs, and the development of new training materials.

<HRD Program Overseas> In order to meet the needs of individual oil- and gas-producing countries, experts from JCCP and relevant companies are sent to oil refineries and other facilities in requesting countries. They hold on-site seminars on a wide range of requested subjects such as quality control, equipment upgrading, safety and maintenance, equipment management, and environmental management.

<Researcher Exchange Program> JCCP also conducts a bilateral researcher exchange program at the request of oil- and gas-producing countries. The aims are to facilitate an interactive exchange between researchers and to develop human resource who will commit advanced technologies in field operations in downstream industries.



Technical Cooperation Program

At the request of oil- and gas-producing countries, JCCP and its counterpart organization launch joint technical cooperation projects to solve downstream field-related issues with the participation of Japanese petroleum companies and engineering firms. Examples include improving oil refinery processes and efficiency, enhancing energy-saving and environmental conservation efforts, ascertaining the applicability of new technologies such as Digital Transformation, pushing forward preparations for introducing sustainable energy toward the realization of carbon neutrality, and tackling other technical issues. Through those projects, JCCP has been cooperating to enhance infrastructure development for the oil- and natural gas-related industries in various countries. In addition to transferring Japan's advanced technologies and know-how to engineers in those nations and engaging in joint development of new technologies, these programs also support Japanese companies in their efforts to expand business opportunities. Some 30 projects are implemented every year. They are grouped into the following three categories according to their phases.

<Basic Survey> On-site survey is conducted to grasp the potential or apparent issues in

Basic Survey (Project Finding) / Project Formation Study (Confirmation of Project Feasibility) / Joint Technical Cooperation Project (Implementation of Project in Cooperation with Oil- and Gas- Producing Countries)

refining processes and to identify issues for the selection of the themes to address in a project. The advisability of proceeding to the next phase is decided based on the results of this survey.

<Project Formation Study> JCCP, the counterpart organization in the partner country and participating Japanese companies/organizations jointly study and review the project goals, scope, organizational structure, schedules, and other items, whether the project can be implemented as a joint project and the possibility of transferring state-of-the-art technologies owned by Japanese companies/organizations to the partner country and their local applicability.

<Joint Technical Cooperation Project> JCCP and the counterpart organization shall conclude a Joint Project Agreement regarding projects that are judged likely to contribute to environmental infrastructure improvement in the partner country's downstream field of oil and gas industries, among projects formed based on the results of the project formation study. After the agreement is concluded, a joint project to address issues in the partner country's downstream field of oil and gas industries will be implemented through cooperation among JCCP, the counterpart in such a country, and Japanese companies.

