

The Ninth Scientific Council Meeting Held with UAE University

Since FY2001, United Arab Emirates University (UAE University) and JCCP have jointly implemented a number of technical cooperation projects. In FY2009, they cooperated in advancing two ongoing projects: a project on acid gas treatment from natural gas (Phase II), and a project on wastewater treatment in refineries in UAE.

To exchange information on the progress of the projects, UAE University and JCCP held the Ninth Scientific Council Meeting at JCCP Headquarters on May 25, 2009. The meeting is held biannually, alternating the venue between UAE and Japan. This

time, it was held in Japan, and attended by a total of 16 members, with both sides equally represented by 8 members.

Abu Dhabi Gas Liquefaction Company Limited (ADGAS) is participating in the acid gas treatment project, and Abu Dhabi Oil Refining Company (TAKREER) is participating in the wastewater treatment project, as technical advisors. Thanks to their cooperation, the projects are able to go beyond the scope of a regular academic study project, to produce practical results that could be applied to the oil and gas industry in UAE.



Scientific Council Meeting



Clerical meeting

On the Japanese side, Nippon Oil Research Institute is assisting in the implementation of the projects, and Dr. Masaaki Teramoto and Dr. Hideto Matsuyama of Kobe University are providing technical guidance in the acid gas treatment project.

In the meeting, the members reported on the progress of the projects and held active discussions on plans for FY2009. Both projects were reported to be making steady progress. In the wastewater treatment project, there are plans to examine an advanced treatment process that uses Electrocoagulation treatment, Phenol Biodegradation treatment and Adsorption treatment to provide continuous treatment of wastewater in refineries. The design of a test unit for experimental use will also be studied. In the acid gas treatment project, research on treatment technologies for high-

pressure acid gases (carbon dioxide, sulfur dioxide) is currently underway. Earlier in the project, sample membrane contactors for acid gas separation were successfully created, and were duly acknowledged by Dr. Teramoto as a remarkable achievement. Expectations of future research results also run high in the Middle East.

In addition to participating in the Scientific Council Meeting, the members from UAE University completed a busy schedule during their stay in Japan from May 23 to 28. We held a clerical meeting on the budgets and plans of the two projects, held discussions on details of the implementation plans, and engaged in fruitful exchanges of information for the successful implementation of the two projects.

The Tenth Scientific Council Meeting is scheduled to be held next in November, at UAE University in Al Ain.

<by Nobuyuki Suyama, Technical Cooperation Dept.>



H.E. Dr. Maitha Al Shamsi, UAE Minister of State (seated, right) and Mr. Masataka Sase, Executive Director of JCCP (seated, left)



Members of the Scientific Council Meeting (members from UAE University and Japanese-side members)