Site Visit Results

November 9 (Tues)

Participants from member cities were given the following three courses to choose from; based on participants' preferences, courses (2) and (3) were finalized and site visits were conducted.

(1) Bureau of Waterworks Training and Technical Development Center
(2) Environmental Efforts in the Otemachi/Marunouchi/Yurakucho District
(3) Mitaka Kohki Co. Ltd

Environmental Efforts in the Otemachi/Marunouchi/Yurakucho District

Members visited ECOZZERIA, the environmentally strategic locus of the Otemachi/Marunouchi/Yurakucho area, in order to see an example of ecologically symbiotic urban development born out of public-private cooperation. Together with incorporating the water and greenery of the Imperial Palace and other elements of the natural environment, the development was predicated on creating a ventilation path connecting the Imperial Palace and the Tokyo Bay area. The whole urban area is realizing heat island effect mitigation measures, such as green roofs and walls, water-retentive pavement, and high-efficiency zonal air-conditioning systems.
After learning about the area's development at ECOZZERIA, members began their site visit: They discovered environmental initiatives such as green walls in the Demonstration Experiment Office and throughout the surrounding environs and the environmentally conscious road paving being introduced by the Tokyo Metropolitan Government.


"Tangible Earth"

Site: Shin Marunouchi Building ECOZZERIA and environs
Participating cities: Three cities (Bangkok, Jakarta, and Metropolitan Manila), six people
Site visit overview:

Explanation concerning the Otemachi/Marunouchi/Yurakucho Redevelopment District
ECOZZERIA site visit

- Demonstration Experiment Office
  Radiant air-conditioning system, intelligent lighting, airflow window
- Experience "Tangible Earth": An interactive digital globe that displays global climate and environmental (e.g., CO2 emissions amounts) change
- Explanation of OMY (Otemachi/Marunouchi/Yurakucho) area development utilizing diorama and models
  Visit surrounding streetscape of the Shin Marunouchi Building
- Walk to the Marunouchi Park Building while examining green walls, mist spraying, and water-retentive pavement on the way.


Urban development explained through a diorama


Introducing green-wall initiatives

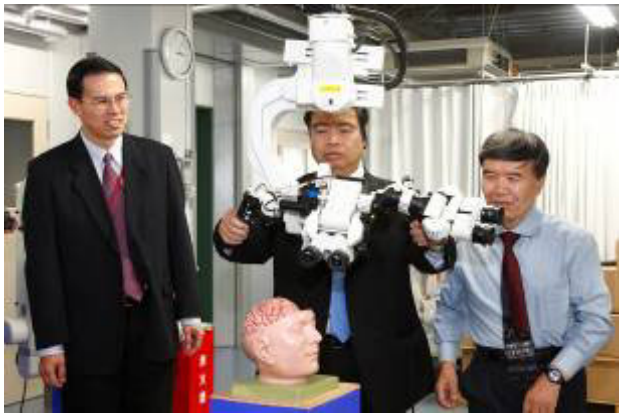
Mitaka Kohki Co. Ltd

As a link in the PR campaign to showcase the spectacular production technology of Tokyo-area enterprises, members visited Mitaka Kohki Co. Ltd, which has won many awards, including the 2005 Tokyo Venture Technology Award Excellent Award, the Small- and Medium-Size Enterprises New Products and Innovative Technology Outstanding Performance Award and Special Technology Management Award (2009), and the Monodzukuri Nippon Grand Award Prime Minister's Award (2009).
After visiting the company's manufacturing site and examining its precision medical instruments, the group watched a demonstration experiment of the beam down solar concentrator,* which is conducted through the cooperation of Mitaka city as an on-site environmental learning experience.

Site: Mitaka Kohki Co. Ltd, beam down solar concentrator demonstration experiment grounds
Participating cities: Four cities (Kuala Lumpur, Singapore, Yangon, and Tomsk), eight people
Site visit overview: Explanation of Mitaka Kohki Co. Ltd activities and company visit

- View manufacturing location of medical equipment for cerebral surgery (operating microscope for neurosurgery, medical robotic arm) and field test a beam down solar concentrator

*Demonstration experiment of a beam down solar concentrator
The goal is to effectively concentrate solar heat through advanced technology in order to use it as a next-generation clean energy form, including power generation and desalination of saltwater. Experiments are conducted through a partnership agreement with Mitaka city and Mitaka Network University.

Learning about Mitaka Kohki Co. Ltd activities and company visit


Visiting the demonstration experiment of the beam down solar concentrator

November 10 (Wed)

“Space Zelkova” Saplings Planted at Umi-no-Mori Park

The Umi-no-Mori (Sea Forest) project aims to turn the Inner Central Breakwater Reclamation Area, which has been built up with refuse and waste soil, into a beautiful forest of some 88 hectares by planting 480,000 saplings over the span of 30 years. In addition to creating a wind passage into the city center from the ocean, the forest will absorb CO2, thus curbing global warming. Saplings to be planted at Umi-no-Mori are purchased with donations collected, and the whole process from preparing the saplings and planting them, to nurturing the forest, is supported by cooperation from Tokyo residents and corporations.

Fourteen participants from four cities (Bangkok, Jakarta, Kuala Lumpur, and Yangon) planted the “space zelkova” saplings* at the Umi-no-Mori (Sea Forest) Park (Inner Central Breakwater Landfill Site).

“Space Zelkova”

Zelkova saplings planted at the Tokyo Metropolitan Agriculture and Forestry Research Center are from “space zelkova” seeds taken into outer space aboard the space shuttle Discovery by Japan Aerospace Exploration Agency (JAXA) astronaut Akihiko Hoshide from June 1 – 15, 2008.

Umi-no-Mori

Commemorative photo in front of Tokyo Bay

Participants planting “space zelkovia”

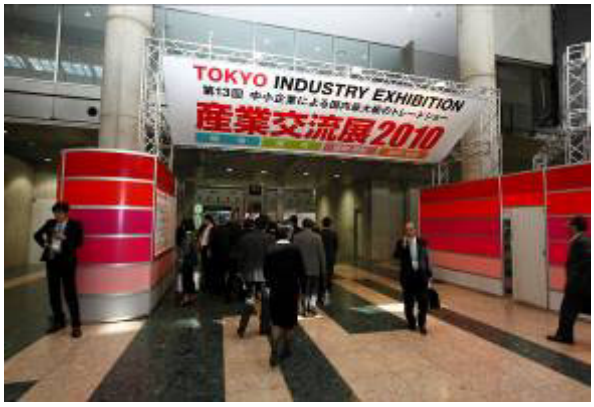
Visit to the Tokyo Industry Exhibition 2010

Members visited the Tokyo Industry Exhibition 2010, a showcase of the spectacular technologies and products of small-to medium-size enterprises in the Tokyo Metropolitan Area under one roof and one of the largest trade shows in Japan. The exhibition provides these companies with business chances to expand their sales channels, realize business talks with fellow enterprises, and share information. The ANMC21 & Asia Zone* was hosted for the first time, in conjunction with the 9th Plenary Meeting of the Asian Network of Major Cities 21 (ANMC21), in order to allow Asian companies to showcase their industrial products and technologies, and to assist government representatives from throughout Asia and investment consultants in giving business consultations to small- to medium-size enterprises considering entering the Asian market.

Fifteen participants from five countries (Bangkok, Jakarta, Kuala Lumpur, Taipei, and Yangon) visited the exhibition and learned about the cutting-edge technology of Tokyo-area small and medium-size enterprises, including Tokyo Venture Technology Award-winning companies. In addition, they also visited the ANMC21 & Asia Zone.

*ANMC21 & Asia Zone

31 enterprises from across Asia, including Thailand, Taiwan, the Philippines, Vietnam, and Malaysia, set up booths exhibiting their industrial products and technologies. Government departments of participating countries devoted to attracting overseas enterprises and consultants held business consultations to advise companies about advancing into the Asian market. The Asia Business Seminar was held to inform enterprises of fundamental information and know-how to assist in their advance into the Asian market.



Site visit to the Tokyo Industry Exhibition 2010

Site visit to the ANMC21 & Asia Zone

<Related Event>

City Representatives Visit Tokyo Metropolitan Koishikawa Secondary Education School

As a related event to the Asian Network of Major Cities 21 (ANMC21) Tokyo Plenary Meeting, eight members from the two cities of Bangkok and Tomsk visited the Tokyo Metropolitan Koishikawa Secondary Education School, which uses an integrated six-year curriculum. In addition to experiencing the school atmosphere, visitors split into two groups by city and their representatives gave a speech, and a question-and-answer session was conducted with students.

Visit overview: Experience the school atmosphere
Introduction to the Tokyo Metropolitan Koishikawa Secondary Education School
Speeches by city representatives
Bangkok: Head of Air Quality and Noise Monitoring Sub-Division,
Bangkok Metropolitan Administration
Tomsk: Governor of Tomsk Region

*Characteristics of the Tokyo Metropolitan Koishikawa Secondary Education School

- Students take all subjects and courses and receive a cultured education that does not teach to the test.
- Based on an integrated six-year curriculum, students are not compartmentalized into either the arts or sciences.
- Having integrated with Koishikawa High School, which received the Ministry of Education, Culture, Sports, Science and Technology designation as a Super Science Highschool (SSH), the Koishikawa Secondary Education School is actively promoting curriculum based upon the SSH Research and Development Implementation Plan.
- All students participate in overseas language training, experience overseas field trips, and are enabled through English initiatives to understand foreign cultures.


Experiencing the school atmosphere


Speeches by city representatives and the question-and-answer session