

ECHONET Consortium activity report (FY2021 4Q)

Category	Activities
Topics	<ol style="list-style-type: none"> 1. The 16th ECHONET Forum The 16th ECHONET Forum was held on February 9, 2022 using the Live distribution method. Professor Ishii of Waseda University gave a special lecture on "New stage of electric power data utilization", and President Asahi announced a new roadmap for ECHONET 2.0. 2. ECHONET Symposium 2022 Online ECHONET Symposium 2022 Online was held on March 11, 2022 with the theme of "ECHONET contributing to a data-driven society". It was a great success with lectures by Assistant Manager Komatsubara, Information Economy Division, Ministry of Economy, Trade and Industry, and related organizations and member companies. 3. Plugfest On February 3rd and 4th, the 27th Plugfest was held in a hybrid configuration with remote participation, with the Kanagawa Institute of Technology HEMS Certification Support Center as the main venue. 4. 17 ECHONET IoT MASTERS have been certified Certified 17 ECHONET IoT MASTERS (as of the end of March, 2022). 5. Exhibitions Exhibited at ENETX2022 (January 26-28, 2022, International Exhibition Center, Tokyo) and CES2022 (January 5-7, 2022, Las Vegas).
Steering Committee	<ol style="list-style-type: none"> 1. The 16th ECHONET Forum The 16th ECHONET Forum was held on February 9, 2022 (Wednesday) using the Live distribution method. Professor Ishii of Waseda University gave a special lecture on "New stage of electric power data utilization", and President Asahi announced a new roadmap for ECHONET 2.0. 2. 17 ECHONET IoT MASTERS have been certified In accordance with the ECHONET IoT Master System that started in November 2021, 17 ECHONET IoT MASTERS have been certified (as of the end of March 2022).
Technical Committee	<ol style="list-style-type: none"> 1. ECHONET Lite Standards / system design guidelines Conducted a member review of the "CHAdEMO-ECHONET Lite Cooperation Guideline Ver.1.00 Draft" for electric vehicle chargers and dischargers, which was newly formulated in collaboration with the CHAdEMO Council (February 2022). 2. Detailed Requirements for ECHONET Device objects Detailed Requirements for ECHONET Device objects Release P rev.1(English version) was released to the public (February 2022). Created a draft of the Detailed Requirements for ECHONET Device objects Release Q which defined a new device object "Distributed power supply energy meter class" in collaboration with JEMA and conducted a member review (March 2022). 3. Test tool Released a low-voltage / high-voltage smart energy meter test tool Ver.1.12G-R11 that changed the default to the 64-bit version of Java and fixed the problem (January 2022). Released AIF certification test tool Ver.1.6.0 for other devices, which we added tests for electric vehicle chargers and dischargers and changed the default to 64-bit version (January 2022). 4. Plugfest On February 3rd and 4th, the 27th Plugfest was held in a hybrid configuration with remote participation, with the Kanagawa Institute of Technology HEMS Certification Support Center as the main venue. This time, members from 5 companies and 5 teams participated.
Promotion Committee	<ol style="list-style-type: none"> 1. Domestic exhibitions Exhibited at ENETX 2022 in collaboration with Kanagawa Institute of Technology with the support of JUDANREN and JEMA. 11 member companies participated in the real exhibition (January 26-28, 2022, International Exhibition Center, Tokyo) and panels of JUDANRE and JEMA were also exhibited. The online exhibition was attended by Professor Isshiki, Vice President Tan, Professor Nakata, JEMA, JUDANREN, PCHA, CHAdEMO Council, Japan Research Institute, and 6 member companies. 2. Overseas exhibitions Exhibited at the North American CES 2022 held from January 5th to 7th, 2022. Members of ECHONET Consortium went on a business trip this time to introduce device control using ECHONET Lite by using the demo system developed by Kanagawa Institute of Technology, and to introduce the activities of the ECHONET Consortium with videos and panels. 3. ECHONET Symposium 2022 Online ECHONET Symposium 2022 Online was held on March 11, 2022 with the theme of ECHONET contributing to a data-driven society. We received more than 170 applications, and it was a great success with lectures by Assistant Manager Komatsubara, Information Economy Division, Ministry of Economy, Trade and Industry, Professor Isshiki, Vice President Tan, and related organizations and member companies. Please see the Consortium's website for the lectures at this symposium. 4. Workshop The 4th Home Appliance Open Innovation Workshop was held jointly by Keio University and JEMA with the participation of electric power aggregators and member companies under the theme of next-generation smart meters (March 17, 2022). 5. Leaflet, booklet and website Revised leaflets and pamphlets and posted them on our website. On the website, we described the ECHONET IoT MASTER system, revised "Frequently Asked Questions", and updated the contents in a timely manner so that it can be used by members.