

ECHONET Consortium activity report (2017 1Q)

Classification	Activities	Remarks
Topics	<p>1. Held an annual general meeting for company members <input type="checkbox"/> June 8: Hosted 4th annual general meeting for company members (Large Hall, Building “S” of the Seavans Hall) <input type="checkbox"/> Participants: 7 representative companies and 97 general member companies <input type="checkbox"/> Presentation was given for FY2016 business reports, FY2017 Business Plan, cash budget plan, and FY2016 statement of accounts. Then, selection of two directors due to replacement was recognized.</p> <p>2. Hosted 7th ECHONET Forum <input type="checkbox"/> June 28: Hosted 7th Forum (Large Hall, Building “S” of the Seavans Hall) <input type="checkbox"/> Miyahara from the Information-technology Promotion Agency, Japan (IPA) gave a special lecture titled “Risk recognition in IoT age and efforts to ensure safety and comfortableness”. Then, Umejima (Keio Research Institute of SFC) and Yamano (President of Shindenryoku Oita) gave a presentation with a title of “HEMS, smart electric meter, VPP, PV, and new power PPS. Feasible and responsible power infrastructure rather than pursuing ideal”. The session successfully ended.</p> <p>3. Investigation to count shipments in fiscal 2016 Investigation to count shipped during FY2016, and obtained replies from 77 companies During fiscal 2016, 4,053,476 units were shipped. The cumulative number since fiscal 2013 reached 9,879,873. In total, 23.23 million smart electric meters have been installed, and the ratio of installed meters has reached about 30%.</p> <p>4. Released Interface Specifications for Application Communication and certification test specifications <input type="checkbox"/> Interface Specifications for Application Communication between and HEMS Controllers: fuel cells, electric vehicles, electric vehicle charging/discharging devices <input type="checkbox"/> Certification test specifications for chargers: fuel cells, electric vehicles, electric vehicle charging/discharging devices</p> <p>5. Collaboration with Information-technology Promotion Agency, Japan (IPA) <input type="checkbox"/> A technical verification for ECHONET Lite device authentication specifications (DA) was conducted with collaboration of IPA to check interoperability. (Results shall be disclosed by IPA)</p>	
Steering Committee	<p>1. Certification system for Interface Specifications for Application Communication(AIF Certification) system Launched certification for newly added devices (April 1, 2017) <input type="checkbox"/> Newly added devices: Business-use package air conditioner and business-use refrigerated display case</p> <p>2. Completed IS-conversion of IEC 62394 Ed. 3.0 based on the Appendix Release G (April 11, 2017)</p> <p>3. 7th ECHONET Forum <input type="checkbox"/> Date: June 28 (Wed.), 2017 10:00AM-5:30PM <input type="checkbox"/> Venue: Large Hall, Building “S” of the Seavans Hall (Minato-ku, Tokyo) <input type="checkbox"/> Special lecture: “Recognizing risks in the IoT age and efforts to ensure safety and comfort” Shinji Miyahara from the Information-technology Promotion Agency, Japan (IPA) “Development and future of ECHONET: A launch with thirty member companies” Dr. Masaki Umejima, vice director of Auto-ID Laboratories, Keio Research Institute of SFC Kenji Yamano, President of Shindenryoku Oita Inc. <input type="checkbox"/> Presentation by member companies: technical presentations from four general members and panel presentations from ten companies <input type="checkbox"/> Participants: 110 people from 53 companies</p>	
Technical Committee	<p>1. Release/review of the Interface Specifications for Application Communication [Released specifications] <input type="checkbox"/> Released Interface Specifications for Application Communication between Fuel Cells and HEMS Controllers (Ver.1.01) (May 15, 2017) <input type="checkbox"/> Released Interface Specifications for Application Communication between Electric Vehicles, Electric Vehicle Charging/discharging Devices, and HEMS Controllers for Electric Vehicle Charging Devices (Ver.1.11) (May 15, 2017) [Released Certification test specifications] <input type="checkbox"/> Released certification test specifications (third edition) for Interface Specifications for Application Communication between Fuel Cells and HEMS Controllers (Ver. 1.0*) (May 15, 2017) <input type="checkbox"/> Released certification test specifications (first edition) for Interface Specifications for Application Communication between Electric Vehicles, Electric Vehicle Charging/discharging Devices and HEMS Controllers (Ver. 1.1*) (May 15, 2017) <input type="checkbox"/> Released certification test specifications (first edition) for Interface Specifications for Application Communication between Electric Vehicles, Electric Vehicle Charging Devices, and HEMS Controllers (Ver. 1.1*) (May 15, 2017) [Reviewed specifications] <input type="checkbox"/> Started member review of Interface Specifications for Application Communication between Fuel Cells and HEMS Controllers (Ver.1.10) (June 27, 2017) <input type="checkbox"/> Started member review of Interface Specifications for Application Communication between Electric Vehicles, Electric Vehicle Charging/discharging Devices and HEMS Controllers (Ver.1.20) (June 27, 2017) <input type="checkbox"/> Started member review of Interface Specifications for Application Communication between Lighting System and EMS Controllers (Ver.1.00) (June 27, 2017) <input type="checkbox"/> Started member review of Interface Specifications for Application Communication between Extended Lighting Systems and EMS Controllers (Ver.1.00) (June 27, 2017)</p>	
Promotion Committee	<p>1. On December 8 (Thu.), a symposium commemorating the 20th anniversary of ECHONET Consortium was held at Akiba Plaza (Akihabara, Tokyo). <input type="checkbox"/> At the symposium, we received a celebration message from Mr. Yohei Matsuda, Department of Information Economics, Commerce and Information Policy Bureau, Ministry of Economy, Trade and Industry. ECHONET consortium also honored Professor Masao Ishiki of Kanagawa Institute of Technology and Professor Masaki Umejima of Keio University who contributed greatly to the activities of the consortium. <input type="checkbox"/> A specially appointed project associate professor for Keio University, Masaki Umejima, served as a moderator. An active panel discussion titled “ECHONET Lite in the age of IoT” was held with panelists (METI’s section manager Yohei Matsuda; Prof. Issiki Masao from Kanagawa Institute of Technology; Naoyuki Takehiro, corporate planning department manager at ENNET Corporation; Senior Solution Producer, Ryo Fukazawa from Recruit Holdings Co., Ltd.; Professor emeritus, Sureswaran Ramadass of Malaysia University of Science and Technology; and Hideyuki Oka, ECHONET counselor). <input type="checkbox"/> Prof. Jun Murai from Keio University gave a special lecture titled “Innovation from an IoT perspective” in which he discussed the ideal future of IoT and innovation to support that future. <input type="checkbox"/> The commemorative party had a total of 120 participants, including an assistant section chief at METI (formerly MITI), the second commissioner, and committee chairs. <input type="checkbox"/> A commemorative magazine for the 20th anniversary was issued to summarize ECHONET’s two-decade development.</p> <p>2. An improved Japanese version of the ECHONET Consortium website was released in October.</p> <p>3. The Japan Federation of Production Associations of Japan, the Japan Electrical Manufacturers Association, and the ECHONET Consortium jointly issued “Housing Performance Guidebook.” Leaflets are distributed at symposiums, forums, exhibitions, etc.</p> <p>4. Hosted the 2017 AHNC Council in Yokohama on November 16. (To be reported at the next forum) Agenda: FY2016 activity report, FY2017 action plan, current network status around the world</p>	