Report on activities of the ECHONET Consortium (Apr.-Jun. 2019)

Classification	Current activities

Topics	(1) The sixth ordinary general meeting of employees was held
	  On June 5, the sixth ordinary general meeting of employees was held at the Large Hall, Seavans S Building 1F. A report on the business plan and account settlement of the fifth fiscal year (April 1, 2018 through May 31, 2019) was approved and adopted, and selection of four board members were selected in line with the expiration of their terms of office and replacement.
	(2) Study on ECHONET 2.0 Vision
	The "Study Problem Working Group to Realize ECHONET2.0" was established directly under the Board of Directors, and the study of issues for the realization of the ECHONET2.0 vision announced in 2018 was started.
	(3) Survey on the state of shipments of ECHONET Lite products
	  Conducted a survey on the state of shipments of ECHONET Lite products during fiscal 2018. The survey revealed that 7.36 million units of home appliances and home fixtures were shipped, making the cumulative total shipment of 24.76 units since fiscal 2013. As of the end of fiscal 2018, 51.82 million units of ECHONET Lite smart electric energy meters were installed. In total, 76.58 million units of ECHONET Lite devices have been made commercially available.
	(4) Status on devices acquired ECHONET Lite specifications certification
	  During the second half of 2018, 41 devices acquired ECHONET Lite certification (cumulative total of 666), while 67 devices and controllers obtained AIF certification. As a result, over 1,000 devices acquired the certifications.

Planning and Steering Committee	(1) Activities to make ECHONET Lite AIF specifications into international standards Participated in ISO/IEC JTC1 SC25 WG1 in April 2019 (Kista, Sweden). Submitted a Committee Draft (CD) for ECHONET Lite AIF specifications (between home air conditioners and controllers). Aiming to carry out CD deliberation and approval to move to CDV at the WG to be held in Nagasaki in September.
Technical Committee	(1) ECHONET Lite specifications/system design policy ・Published the English version of ECHONET Lite Ver.1.13 for the general public (April 22) ・Published System Design Guidelines First Edition for the general public (April 22) ・Published System Design Guidelines Second Edition for the general public (June 24) Added descriptions related to wireless LAN multicasting. (2) Detailed Requirements for ECHONET Device objects ・Published the English version of APPENDIX Detailed Requirements for ECHONET Device objects Release K for the general public (April 22) ・Published the English version of APPENDIX ECHONET Detailed Requirements for ECHONET Device objects Release L for the general public (April 26) Defined a newly established "hybrid water heater class". (3) Application Communication Interface Specifications ・Published Certification test specifications for communications between instantaneous water heaters and HEMS controllers AIF specification Ver.1.0* and for instantaneous water heaters 4th edition (June 24) (4) Test tools ・Updated to AIF certification test tools aif_tool-1.3.1 (April 19). Partially revised test scenarios and test procedures. (5) ECHONET Lite WebAPI ・Currently reviewing specifications in preparation for a guideline update expected in fall 2019 (6) Holding of Plug Fest events ・Started recruiting participants for the first Plug Fest in 2019 to be held on August 29 and 30 at the HEMS Authorization Center at the Kanagawa Institute of Technology. (7) Other ・Proposed a session related to ECHONET Lite to the IEEE GCCE2019 with help of advisory fellow, Dr. Masao Isshiki, professor at the Kanagawa Institute of Technology (April).
Promotion Committee	(1) Activities of Domestic Promotion Working Group 　・Activities associated with JEMA HEMS Technical Committee (continued) 　・Support for the explanatory session for the 2019 Net Zero Energy House Support Project Dispatched commissioners from ECHONET Consortium to give explanations 　 Distributed flyers with the names of three business groups "ZEH to IoT house, making houses energy-efficient and comfortable Vol. 2" and leaflets "ECHONET Lite" 　 April 11: Tokyo, April 12: Osaka, April 15: Naha, April 16: Fukuoka, April 17: Hiroshima, April 18: Nagoya, April 19: Kanazawa, April 22: Sapporo, April 23: Sendai, April 25: Kochi (2) Activities of Public Relations Working Group 　・Started preparing for the exhibition of the ECHONET Consortium booth at CEATEC Makuhari Messe: October 15-18, 2019 　 The booth location for the exhibition has already been determined. We are currently formulating draft exhibition plan for the panels and booth. Now, we are formulating demonstration specifications in collaboration with the Technical Committee. 　 Aiming to strengthen approaches to service providers and expand the number of member companies, while observing the ECHONET 2.0 policy. 　・Began revising leaflets and pamphlets, and correcting promotional videos for ECHONET-related activities that are posted on the website. 　 Planning to use logos of member companies as part of public relations (3) Activities of Overseas Promotion Working Group 　・Started preparing the ECHONET Consortium booth for the IFA exhibition Messe Berlin: September 6-11, 2019 　 Promoting ECHONET standard data values for the future of data distribution in line with the expansion of the ECHONET 2.0 domain 　 Considered data consistency and determined the location of the exhibition booth through collaboration with standardization organizations abroad.