

ECHONET Consortium activity report (FY2021 1Q)

Category	Activities
Topics	<ol style="list-style-type: none"> 1. ECHONET Lite products shipments reach 100 million units Adding the number of installed home appliances and smart meters equipped with ECHONET Lite by the end of FY2020 and the planned number of installed smart meters in 2020, the number of devices equipped with the ECHONET Lite standard reached 112.34 million at the end of FY2020. 2. The 8th Regular General Meeting was held The 8th Regular General Meeting was held on June 9th. We delivered the general meeting to our members by streaming via the internet this time as a countermeasure against COVID-19. 3. The 15th ECHONET Forum was held The 15th ECHONET Forum was held on July 2nd. Each presentation was delivered by streaming from the venue and the speaker's office via the internet this time as a countermeasure against COVID-19. 4. ECHONET Lite WebAPI ECHONET Lite WebAPI Guidelines API Specification section Ver. 1.1.2 and Device Specifications Ver. 1.3.0 were published in June 2021. "ELWebAPISyudy" which is learning application for learning specifications of ECHONET Lite WebAPI was also released in June 2021. 5. The 3rd Home Appliances Open Innovation Workshop was held A workshop co-hosted by JEMA, Keio university and ECHONET Consortium was held on June 10th with VPP business operators. 6. Joint research with JAIST We signed a joint research agreement with Japan Advanced Institute of Science and Technology (JAIST) and have started specification examination and technical verification of advanced themes related to API and data linkage.
Steering Committee	<ol style="list-style-type: none"> 1. ECHONET Lite products shipments reach 100 million units The number of installed home appliances reaches 42.47 million units by the end of FY2020. Adding the number of installed and planned smart meters by the end of FY2020 which is 69.87 million units to the previous number, the number of devices equipped with the ECHONET Lite standard reached 112.34 million at the end of FY2020. As a result, we have achieved 100 million units by FY2020, which is the numerical target of the ECHONET2.0 vision. 2. The 8th Regular General Meeting was held The 8th Regular General Meeting was held on June 9th. We delivered the general meeting to our members by streaming via the internet this time as a countermeasure against COVID-19. We reported on the business report for the 7th term (FY2020), the business plan and the budget plan for income and expenditure for the 8th term (FY2021). We received approval for the financial statements for the 7th term and the appointment of three directors. 3. The 15th ECHONET Forum was held The 15th ECHONET Forum was held on July 2nd. Each presentation was delivered by streaming from the venue and the speaker's office via the internet this time as a countermeasure against COVID-19. Ms. Mamiko Shimizu of Ministry of Economy, Trade and Industry Agency Natural Resources and Energy gave a special lecture entitled "Study of Next-Generation Smart Meters", three member companies introduced their technologies, and each committee explained the business plan in FY2021. 4. ECHONET 2.0 Technical pre-seminar was held In order to widely understand how to use ECHONET Lite WebAPI, we held an "ECHONET2.0 Technical pre-seminar" for members only on June 1st and 2nd, and a total of more than 100 people attended. In this seminar, after introducing the basic specifications of ECHONET Lite WebAPI, we practiced in the experimental cloud, and practiced using smart meters and actual air conditioners later.
Technical Committee	<ol style="list-style-type: none"> 1. ECHONET Lite WebAPI ECHONET Lite WebAPI Guidelines API Specification section Ver. 1.1.2 and Device Specifications Ver. 1.3.0 were published in June 2021. "ELWebAPISyudy" which is learning application for learning specifications of ECHONET Lite WebAPI was also released. (June 2021) 2. Detailed Requirements for ECHONET Device Objects We solicited proposals for new specifications for Detailed Requirements for ECHONET Device Objects Release Q and started studying specifications. (April 2021) 3. Test tools Aif_tool-1.5.0 (AIF test tool for equipment other than smart meters) and sma-tools-1.12G-R10(test tool for low and high voltage smart meters), which corresponds to the additional tests caused by the function improvement and specification revision for storage batteries, was released to members. (June 2021)
Promotion Committee	<ol style="list-style-type: none"> 1. The 3rd Home Appliances Open Innovation Workshop was held A workshop co-hosted by JEMA, Keio university and ECHONET Consortium was held on June 10th with VPP business operators. We discussed solutions to differences in device behavior from the perspective of the VPP business operator. Prior to this workshop, we signed a joint research agreement with Keio university. 2. Joint research with JAIST We signed a joint research agreement with Japan Advanced Institute of Science and Technology (JAIST) and have started specification examination and technical verification of advanced themes related to API and data linkage in cooperation with the technical committee. In addition to conducting data linkage discussions with PCHA once a month, the Date Linkage Method WG has built a linkage system between ECHONET and PCHA. 3. Revision of ECHONET booklet (Japanese and English version) Revised the ECHONET booklet with new information including ECHONET2.0 and published it on our website. 4. Others <ul style="list-style-type: none"> • Reported the latest status of home network communication system including the B route at the 3rd next generation smart meters specifications study working group. • Decided to exhibit at CEATEC 2021 ONLINE in October.