ASSIST-IoT H2020 Project

Newsletter Issue 8

August - October 2022

www.assist-iot.eu

Inside This Issue

ISSUE HIGHLIGHTS

The eighth issue of ASSIST-IoT newsletter presents the project activities throughout August -October 2022 period. This issue focuses on the ASSIST-IoT Open Call #2, the communication and the dissemination activities of the period, the project deliverables, the interaction with the NGIoT association, and the 5th GA Meeting in Warsaw.

ASSIST-IoT trimester activities:

- ASSIST-IoT Open Call #2
- 1 Conference Paper
- 1 White Paper
- 1 Technical Report
- 5 Presentations
- 1 Interview
- 1 NGIoT Board Meeting
- 3 Open Call Webinars
- 5 NGIoT Activities
- 2 Submitted and 3 Upcoming deliverables
- 5Th GA Meeting in Warsaw

Newsletter

ASSIST-IoT Open Call #2 Status

The 2nd ASSIST-IoT Open Call was officially announced. It started on the 1st of July 2022 and ended on the 31st of October 2022, 17:00 CET. The ASSIST-IoT project has reserved part of the project budget to fund specific activities in order to enhance and improve IoT features and applications and boost the NGIoT community across Europe. Third parties are expected to come along and carry out relevant actions during the project's life cycle.

These later-joining entities will be selected by the evaluation means of the Open Call which will be dedicated to integration and validation of the proposals within any of the ASSIST-IoT three pilots and scenarios.

This Open Call aims at funding innovative proposals that will enhance ASSIST-IoT's objectives framed (mandatorily) within one (out of its three) pilot(s). Open Call proposals are expected to address one specific challenge out of a list of possible challenges formulated by each pilot.

The winners of the 2nd ASSIST-IoT Open Call will be announced by 20th December 2022.

Stay Tuned!
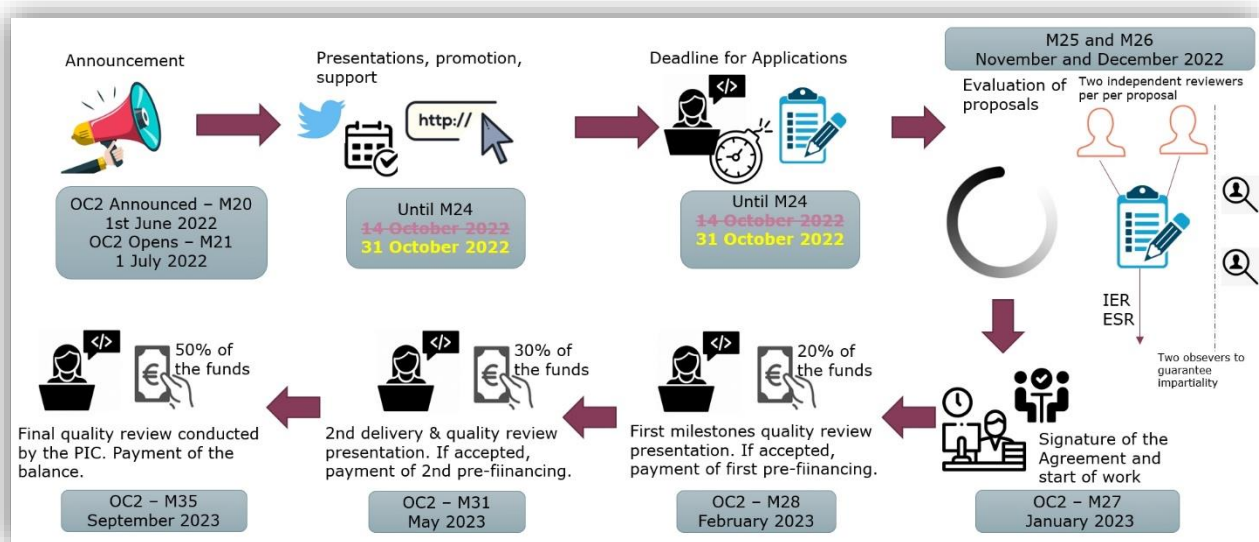
You may learn more about the OC#2 and its details at:

https://assist-iot.eu/open-call-2/

Communication and Dissemination Activities

Publications

The ASSIST-IoT Conference Paper entitled "AI Application in Next Generation Programmable Network" was published by Orange Poland partners in IEEE 30th International Conference on Software, Telecommunications and Computer Networks, 22-24 September 2022, Split, Croatia. You may find the paper here: https://ieeexplore.ieee.org/document/9911332

AIOTI WG Standardisation Sub-Group High Level Architecture prepared a report on Guidance for the Integration of IoT and Edge Computing in Data Spaces. This document provides an analysis on the integration of IoT and edge computing in data spaces. You may find the document along with the ASSIST-IoT contributions here: https://aioti.eu/guidance-for-the-integration-of-iot-and-edge-computing-in-data-spaces/

ASSIST-IoT Technical Report #15

Charalampos S. Kouzinopoulos, Anastasia Kassiani Blitsi, Georgios Stavropoulos, Konstantinos Votis, Dimitrios Tzovaras, "A fuzzy knowledge-based system for UV exposure management" (PDF). Accepted at: IEEE 8th World Forum on Internet of Things (WF-IoT 2022).

ASSIST-IoT Special Session at WF-IoT 2022

The Call for papers for the "Future Platforms for Edge-Cloud Continuum–Theoretical Foundations and Practical Considerations" Special Session by ASSIST-IoT in IEEE 8th World Forum on Internet of Things (WF-IoT) ended on July 11th! WF-IoT will take place on 26 Oct–11 Nov 2022, in Yokohama, Japan.
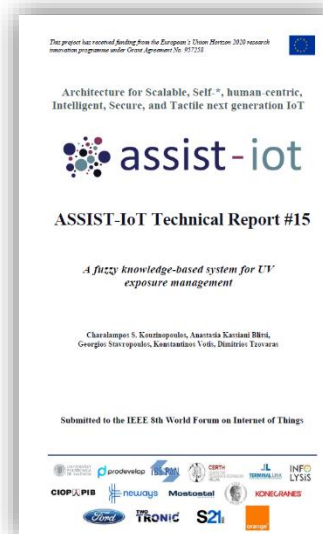
You may learn more at:
https://wfiot2022.iot.ieee.org/program/special-sessions/

More information on the ASSIST-IoT Special Session at WF-IoT, accepted papers and presentations will be provided in detail in the next newsletter issue.
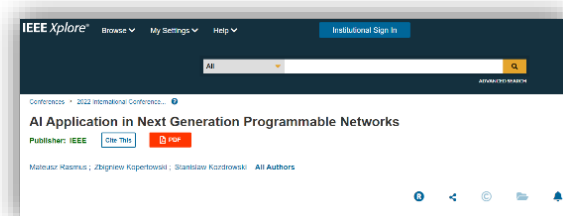
Presentations

Ignacio Lacalle Úbeda from Universitat Politècnica de València UPV attended ETSI IoT Week 2022. He presented "Edge-native paradigm: ASSIST-IoT approach for the next NG-IoT decentralized architecture" during the Session 10 entitled "The Role of EDGE in IoT". You may learn more about the event here: https://www.etsi.org/events/2060-etsi-iot-week-2022

Dr. Paweł Szmeja (SRIPAS) presented a paper entitled "ASSIST-IoT: A Reference Architecture for Next Generation Internet of Things" at the SOMET 2022 conference in Kitakyushu, Japan.
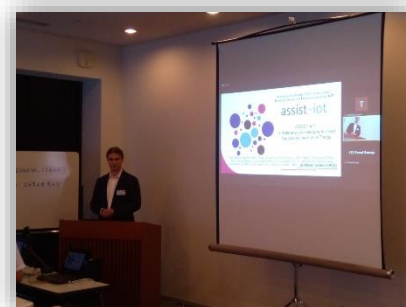
ASSIST-IoT partners participated in the 11th International Conference WorkingOnSafety.net, Focus on Humans in a Technological World, which was held on the 25th -28th /09/2022 inPortugal. You may learn more about the event here: https://visionzero.global/11th-international-conference-workingonsafetynet-wos-2022

Carlos E. Palau Salvador, ASSIST-IoT Project coordinator and professor in Universitat Politècnica de València UPV, presented at IEEE ICUMT 2022 conference, (Valencia, Spain), the Next Generation Internet of Things - NGIoT approach developed in the ASSIST-IoT Project. More info about the conference and this keynote at: https://icumt.info/2022/keynotes

ASSIST-IoT partners, Mateusz Rasmus (Orange Polska), Stanislaw Kozdrowski (Warsaw University of Technology & Computer Science Institute), Zbigniew Kopertowski (Orange Polska), presented "AI Application in Next Generation Programmable Networks", in the proceedings of the IEEE 30th International Conference on Software, Telecommunications and Computer Networks, which took place on the 22nd -24th of September 202 inSplit, Croatia, You may learn more about the event here: http://softcom2022.fesb.unist.hr/wp-content/uploads/2022/09/FINAL_PROGRAM_2022_v25.pdf

Interview

ASSIST-IoT partners from Terminal Link gave an interview in the department of Business Development and Technology of Aarhus University. In this interview partners presented and explained the insights of the port automation pilot. You may access the interview here: https://dbd.au.dk/blog/case-studies/terminal-link/

NGIoT Coordinators Board

Next Generation Internet of Things - NGIoT Coordinators Board (organised by EU-IoT and attended by al ICT-56 projects and the EC) took place on Monday 26 September in Brussels. ASSIST-IoT was represented by our project coordinator Carlos E. Palau, by project coordinator deputy, Ignacio Lacalle Úbedaand our technical manager, Maria Ganzha.

ASSIST-IoT Collaboration with SW Forum

ASSIST-IoT project is an active member of the SW Forum!

SWForum.eu aims to create a self-sustainable online forum that facilitates and encourages both researchers and practitioners as well as projects in software, digital infrastructure and cybersecurity to create intersections of expertise and a multidisciplinary approach to research and innovation. This forum seeks to set in place the European research roadmap and offer cross-fertilisation of competencies to all other research and innovation areas.
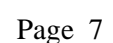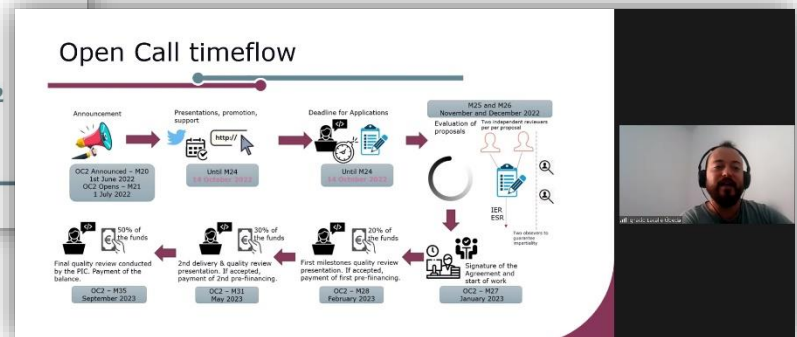
SWForum.eu works to enhance the visibility and increase the competitiveness of research and innovation in the field of software technologies, digital infrastructure and cybersecurity, especially European funded Research and Innovation Action (RIA) projects. Moreover, the project aims to introduce best practices and technology transfer opportunities to cross-synergise European excellence.

You may learn more about ASSIST-IoT project and the forum here:

https://swforum.eu/news/assist-iot-assisting-human-centric-applications-multiple-verticals

ASSIST-IoT Open Call Webinars

During the Open Call #2 phase, ASSIST-IoT project, in collaboration with NGIoT, organized 3 different webinars in order to inform the attendees and potential open callers about the overview and the details of the ASSIST-IoT 2nd Open Call. More information at https://assist-iot.eu/2022/08/10/assist-iot-open-call-webinar-series/

ASSIST-IoT and NGIoT Activities

NGIoT Newsflash Issues:

➢ June 2022: https://mailchi.mp/3f7872800811/ngiot-newsflash-june2022

➢ July 2022: https://mailchi.mp/3f7872800811/ngiot-newsflash-june2022

➢ September 2022: https://mailchi.mp/fe6f8cb9cf54/ngiot-newsflash-sept22

NGIoT Newsletter Issues:

➢ September 2022: https://mailchi.mp/c6805caa8f28/ngiot-newsletter-sept2022

Funding Opportunities Webinar by NGIoT:

ASSIST-IoT project took part in the "Funding opportunities" webinar, which took place on September 15th! In this webinar ASSIST-IoT representative presented the Open Call strategy and had the chance to talk with potential open callers in a separate room.
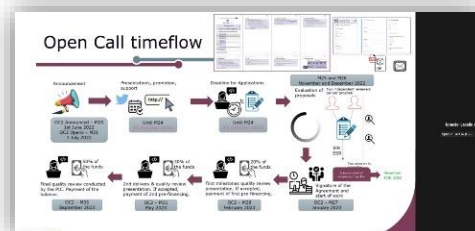
ASSIST-IoT

Submitted Deliverables

D3.7 ASSIST-IoT Architecture Definition – Final [M21] – Final specification of the ASSIST-IoT technical architecture and its components.

D5.4 Software Structure And Final Design [M24] – Complete report of all procedural/formal aspects of the first open call procedure.

Upcoming Deliverables

D2.7 Risk Management v3 [M27] – Will include the risk policy, forecasted and detected risks and the mitigation measures, including ethical and legal risks.

D7.3 Pilot Scenario Implementation – Intermediate Version [M27] – Will document the three pilots and integrated third parties, addressing the proposed use cases and scenarios

D8.2 Technical Evaluation and Assessment Report [M27] – Will provide the assessment findings from a technical perspective, covering integration, testing and trial activities

ASSIST-IoT public deliverables are available for downloading

at ASSIST-IoT website: https://assist-iot.eu/deliverables/

5Th GA Meeting

The **5th ASSIST-IoT GA** meeting and **second face-to-face meeting** took place in October 2022, in CIOP-PIB's premises in Warsaw. The meeting lasted for three days (19th -21st October) and was held in two parallel tracks, focusing the discussion on both **several technical activities/tasks and on more general aspects such as impact, Open Calls and pilots' status**. Partners had also the chance to visit a construction site in Lodz and see details about the implementation phase.
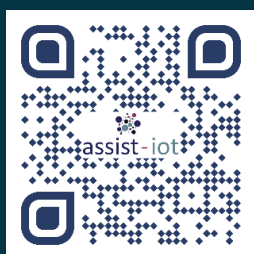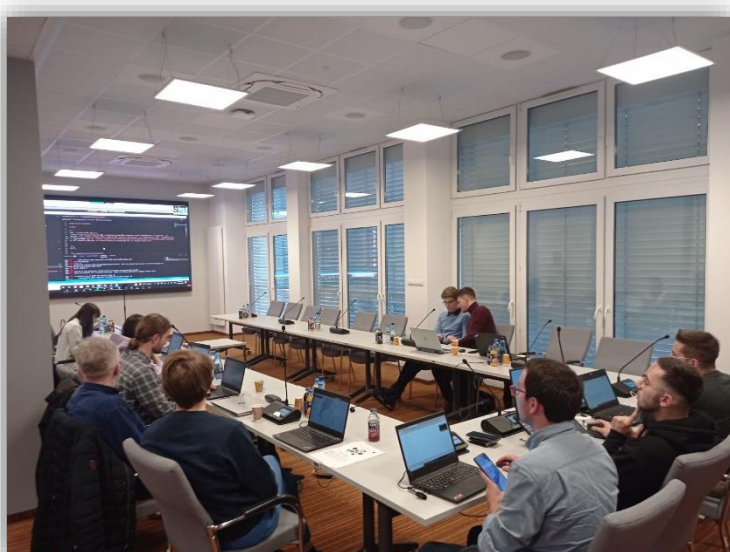
Communication Channels

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