



ICT-56-2020 - Next Generation Internet of Things

# D 8.2

## Intermediate dissemination plan and report

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## Executive Summary

This deliverable provides an update on the dissemination plans and activities done so far, during the first 18 months, for the VEDLIoT project. This includes several kinds of activities that involved all the project partners and which were essential to raise awareness about the project and its goals. These activities have been and will continue targeting several audiences, as initially planned. The last part of the deliverable provides a performance analysis, considering the key performance indicators set forth in the Deliverable D8.1. The COVID-19 pandemic situation forced the cancellation or change of dates of several physical events, therefore impacting dissemination activities related to participation in exhibitions. However, it is now expected that the indicators in this respect will significantly improve until the end of the project.

## 1 Introduction

This document presents an update to VEDLIoT's dissemination plans and initial dissemination activities and materials, previously presented in Deliverable D8.1. All the project partners contributed to the work reported in this deliverable, which was done in the scope of Task 8.2 (Dissemination). Exploitation activities, which are done in the context of Task 8.3, are covered in deliverable D8.3. The dissemination activities include results from all technical work packages, a summary of the project structure is provided in Figure 1.

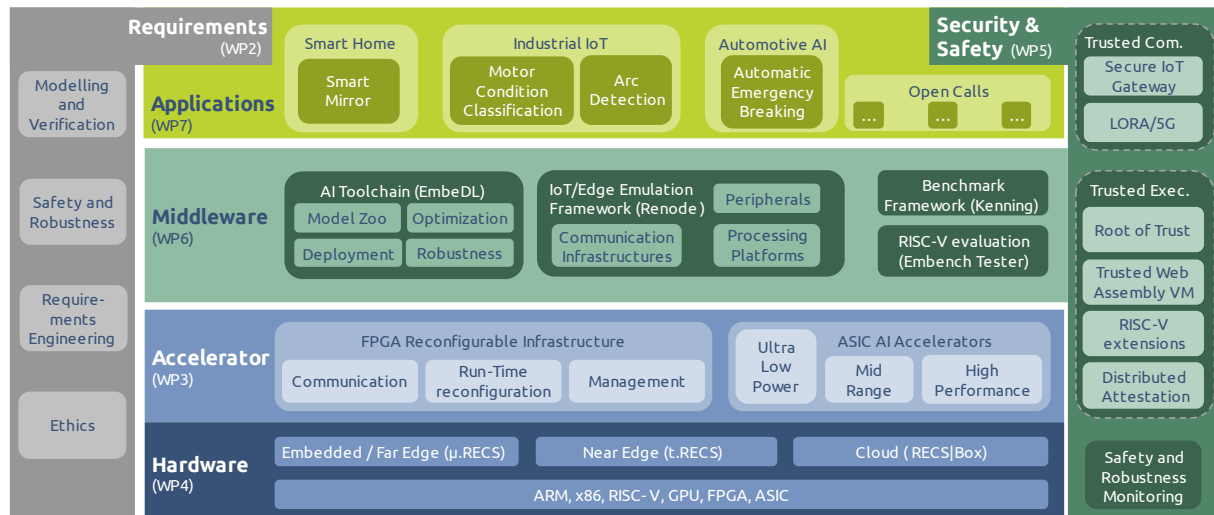


Figure 1: VEDLIoT project overview of the technical work packages

We review here the dissemination activities planned for the project, which have been done so far and which will continue to be done, and which make use of the several channels that were set up. Several kinds of audience are targeted in the activities. For instance, while the website is a general purpose channel to target all kinds of audience, from the scientific community to the general public, the presentations prepared and given at some events were prepared to target industrial stakeholders and the scientific community.

In Section 2 we briefly review the objectives for the dissemination activities in Task 8.2. In Section 3 we describe the activities performed during the initial 18 months of the project and planned for the next months. This includes setting up and continuously maintaining dissemination channels, continuously preparing and publishing news about project activities, preparing other dissemination materials, making videos, publishing and presenting scientific articles, participating and presenting the project at several events, preparing the participation in exhibitions, which includes setting up physical demonstrators, participating in activities of the NG-IoT CSA, and organizing an Open Call. Finally, the performance of the project concerning dissemination is discussed in Section 4, considering the key performance indicators defined in Deliverable D8.1.

## 2 Objectives

The main objectives of the dissemination task (Task 8.2), which is ongoing during the entire duration of the VEDLIoT project, are the following:

- Organise technical workshops within the project, which will provide broad and in-depth overviews of the project results and findings, and include interactive sessions to capture potential feedback from experts outside of the consortium;
- Present project results by giving talks at conferences and trade shows and by writing articles for technical and academic publications;

- Engage all partners in a wide range of different dissemination activities, including the use of closed forums that project partners have access to, involving affiliated industry partners and the general public;
- Exploit additional important communication channels for the dissemination of project results, like press releases, project leaflets, university lectures and invited talks;
- Exploit social media like Twitter or LinkedIn as communication channels to keep interested parties updated about VEDLIoT project work.

As should be clear from the descriptions provided in the following section, the activities being performed are indeed addressing all the above points.

## 3 Update on dissemination activities

### 3.1 Web-related channels

The dissemination activities have been taking place by exploring several dissemination channels. In this section we specifically describe the web-related channels that we created to make the project permanently visible to the several audiences.

#### 3.1.1 Website

When the project started a dedicated website was created, which was used during the initial 6 months. However, the technology used for setting up this website was not very user friendly and hence a new website was prepared and put online in June 2021. Therefore, this new version of the website is being used for about 11 months. The transition was very smooth because the look and feel of the site was maintained, following the project branding guidelines defined initially.

The website provides the main project presence on the Internet and hence requires a continuous effort to update it with news, events, project results and other materials and pages. For instance, the website was recently used to announce the VEDLIoT Open Call and provide all necessary information and documents for the applicants. A view of the events shown on the project landing page is illustrated in Figure 2.

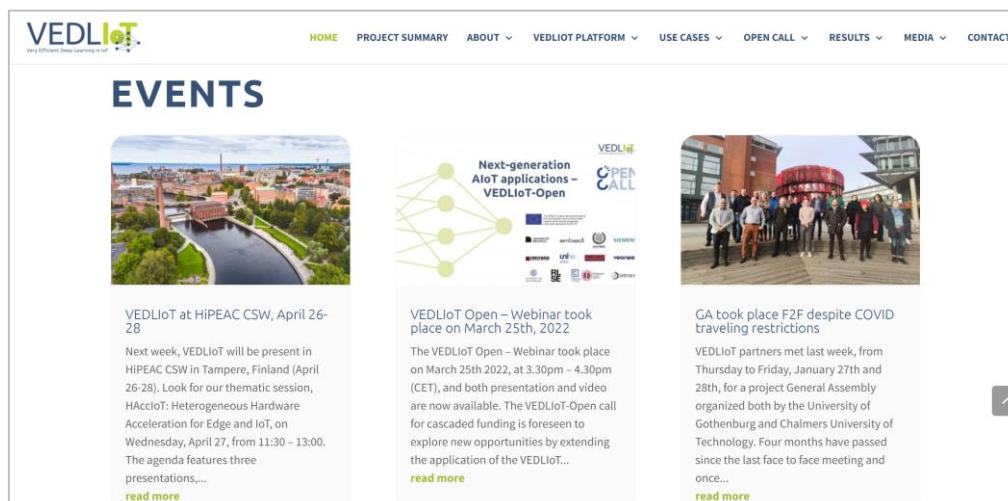


Figure 2: VEDLIoT website, events on landing page.

Being one of the main vehicles to continuously provide information about project activities and achievements, the website is monitored to gather access data. Figure 3 provides the main statistical data about users accessing the site, and about page views. The most noticeable aspect is that increase of visibility the project gained over the last few months,

and in particular in April 2022, with more than 400 new visiting users. This has certainly been a consequence of the VEDLIoT Open Call that was announced in March.



Figure 3: VEDLIoT website main access statistics.

### 3.1.2 LinkedIn

VEDLIoT has been maintaining a presence on the LinkedIn social network (<https://www.linkedin.com/company/vedliot/>), periodically making posts to announce events and providing news about the project. Figure 4 shows the page with the latest 2 posts.

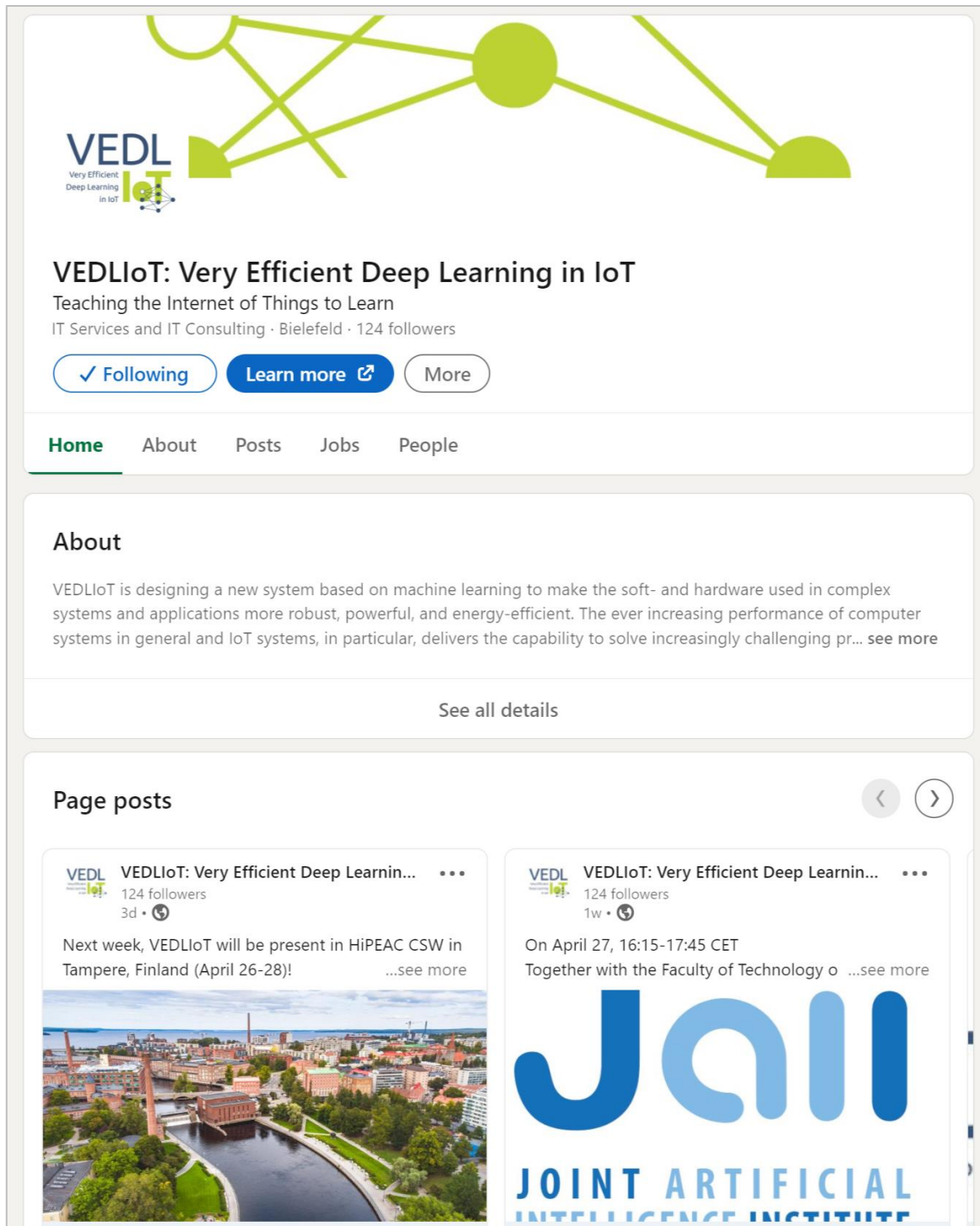


Figure 4: VEDLIoT presence on LinkedIn.

In this figure it is possible to observe that there are currently more than 120 users following the project. So far, more than 30 posts have been made. Concerning page view statistics, it is possible to see in Figure 5 that since June 2021 the number of page views has been steadily increasing, and is currently about 60 views per month.



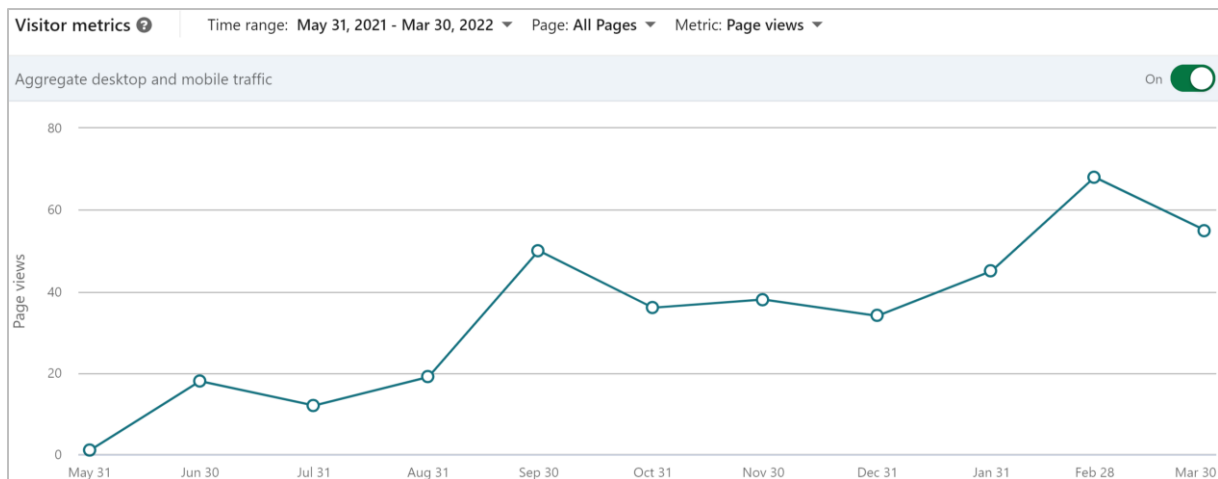


Figure 5: Page views of VEDLIoT LinkedIn posts.

### 3.1.3 Twitter

VEDLIoT is also present on Twitter, through which the posts made on LinkedIn are also disseminated. However, the popularity of this social network among the target audiences is not as high as LinkedIn, and hence there are only about 50 followers so far. Figure 6 provides a view of the VEDLIoT presence on Twitter.

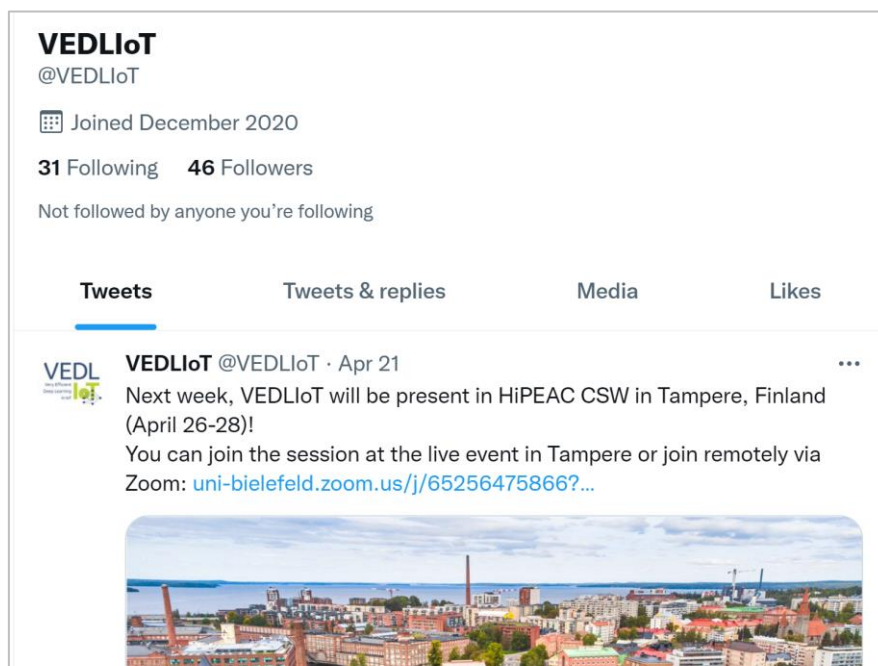


Figure 6: VEDLIoT presence on Twitter.

### 3.1.4 YouTube and SlideShare

We also created a VEDLIoT presence on YouTube and on SlideShare. However, differently from LinkedIn and Twitter, these accounts were created to store and disseminate materials produced in the project, namely videos and presentations, rather than to disseminate news or events. Figures 7 and 8 illustrate the presence of VEDLIoT on these two social networks. As expected, there are almost no subscribers because the contents available in these networks are made available through links embedded in news articles on the project website, and posts on LinkedIn and Twitter.

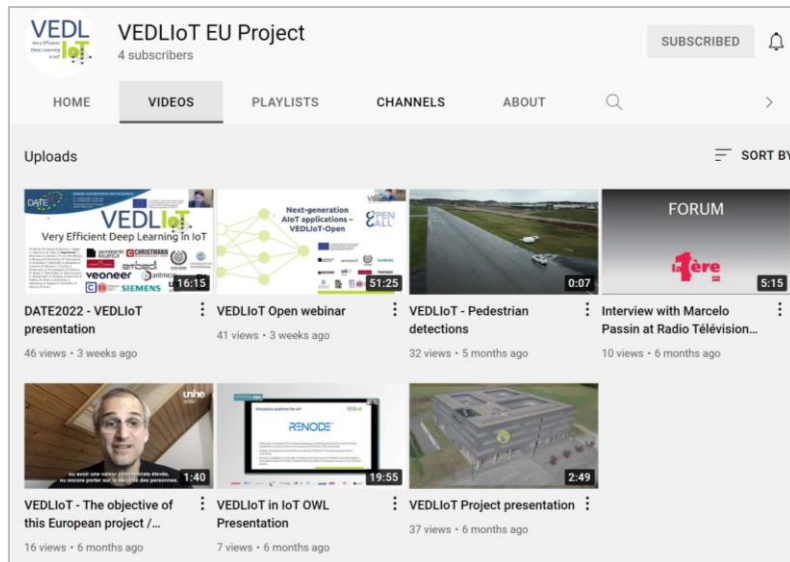


Figure 7: VEDLIoT presence on YouTube.

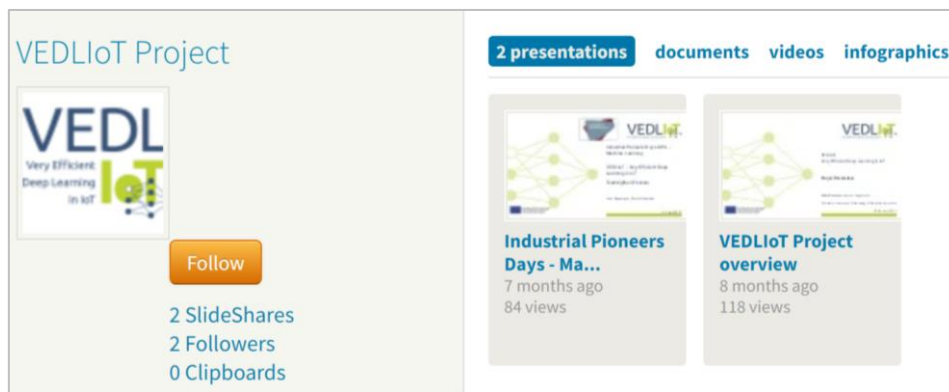


Figure 8: VEDLIoT presence on SlideShare.

It is nevertheless possible to observe the number of views of each content, video or presentation. So far, there have been almost 200 views of videos, and about the same number of views of the shared slides.

### 3.2 News and event posts

To keep users informed and following the progress of the project and its dissemination channels, it is important to periodically create new news articles and posts for LinkedIn and Twitter. For that purpose, a social media plan has been established and will be updated every 6 months, to ensure that there will be at least three news articles being prepared every 6 months, with the efforts of all project partners. Figure 9 shows the current plan, which was established and agreed for the first 6 months of 2022. So far there have been 17 news articles made available on the project website, and 8 event announcements.

	January	February	March	NOW April	NEXT May	June
<b>Content</b>	Project news and progress	Project news and progress	Project news and progress	Project news and progress	Project news and progress	Project news and progress
<b>Partners</b>	CHRISTMANN UOS FC.ID	SIEMENS UGOT FC.ID	EMBEDL RISE FC.ID	UNIBI FC.ID	CHALMERS UNINE FC.ID	Antmicro VEONEER FC.ID

Figure 9: VEDLIoT social media plan for a 6 months period.

### 3.3 Dissemination material

As already mentioned, VEDLIoT has produced videos and presentations which are used as dissemination material. In the following we list the concrete set of materials that were prepared so far, and we refer to a flyer that is currently in preparation.

#### 3.3.1 Videos

- DATE2022 - VEDLIoT presentation: 16'15" video of the presentation given at the DATE 2022 conference, about the VEDLIoT paper accepted at that conference. <https://www.youtube.com/watch?v=ckJI1dPQ2nE>.
- VEDLIoT Open webinar: 51'25" video of the webinar session that took place on March 25, 2022, to introduce and address several questions concerning the VEDLIoT-Open call for cascaded funding. <https://www.youtube.com/watch?v=uzQWXbfo2vg>.
- VEDLIoT - Pedestrian detections: 0'07" video to highlight the real experimental setting for pedestrian detection by autonomous vehicles, available on VEDLIoT's YouTube on [https://www.youtube.com/watch?v=3TJ\\_Hulz9yq](https://www.youtube.com/watch?v=3TJ_Hulz9yq).
- VEDLIoT in IoT OWL Presentation: 19'55" video of a presentation given at the OWL event. [https://www.youtube.com/watch?v=cG\\_n3BYfXF0](https://www.youtube.com/watch?v=cG_n3BYfXF0) (slides are in English, but presentation was given in German).
- VEDLIoT - The objective of this European project / L'objectif de ce projet européen, 1'39" video prepared by the University of Neuchâtel, available on VEDLIoT's YouTube on <https://www.youtube.com/watch?v=Jw4SBSZwUJw> (in French).
- TV interview: Forum des idées - comment rendre les objets connectés plus sûrs?, Interview with Marcelo Pasin at Radio Télévision Suisse, December 2020, <https://www.youtube.com/watch?v=QJwS9tVregY> (in French).
- VEDLIoT - Very Efficient Deep Learning in IoT: project presentation, 2'48" video prepared by the University of Bielefeld, available on VEDLIoT's YouTube on <https://www.youtube.com/watch?v=HWLeRkrqRf8>.

#### 3.3.2 Slides

- **VEDLIoT Toolchain for Efficient Deep Learning on heterogeneous hardware**, presentation at the EU-IoT Training Workshops Series – "Next Generation IoT Architectures", Hans Salomonsson, Nov 2021.
- **VEDLIoT – A heterogeneous hardware platform for next-gen AIoT applications**, presentation at the EU-IoT Training Session on "Machine Learning at the Edge and the FarEdge", IoT Week (online event), Jens Hagemeyer, August 2021.
- **IoT - Accelerated Deep Learning for Cognitive Edge Computing**, presentation at the EU-IoT Training Workshops Series – "AIoT and Edge Machine Learning", Jens Hagemeyer, May 2021.
- **VEDLIoT – Very Efficient Dep Learning in IoT**, presentation at the Industrial Pioneers Days OWL event – "Machine Learning", Jens Hagemeyer, April 2021. <https://www.slideshare.net/VEDLIoTProject/industrial-pioneers-days-machine-learning>.
- **VEDLIoT – Very Efficient Dep Learning in IoT**, presentation at the 3<sup>rd</sup> Workshop on Accelerated Machine Learning (AccML), co-located with HiPEAC 2021 Conference, Pedro Trancoso, Jan 2021. <https://www.slideshare.net/VEDLIoTProject/vedliot-project-overview-249912263>.

#### 3.3.3 Flyer

A project flyer is being prepared, to be distributed in project booths during the forthcoming exhibitions in which the project will be represented (see ahead). In addition, there will also be posters and roll-ups to make the project presence more visible in the events.

### 3.4 Publications

A proper dissemination of VEDLIoT results is important to bring awareness of the project progresses and may be also important to create exploitation opportunities. The dissemination plan that was presented in Deliverable D8.1 is being followed, namely by publishing research papers in international conferences and academic journals. The complete lists of project publications in conferences, workshops and journals are provided in the following sections.

#### 3.4.1 Conference and workshop papers

- Jämes Ménétreay, Marcelo Pasin, Pascal Felber, Valerio Schiavoni, **WaTZ: A Trusted WebAssembly Runtime Environment with Remote Attestation for TrustZone**. *42<sup>nd</sup> IEEE International Conference on Distributed Computing Systems (ICDCS'22)*, July 2022.
- Jämes Ménétreay, Marcelo Pasin, Pascal Felber, Valerio Schiavoni, **WebAssembly as a common layer for the cloud-edge continuum**. *2<sup>nd</sup> workshop on Flexible Resource and Application Management on the Edge (FRAME'22)*, co-located with the *ACM 31<sup>st</sup> International Symposium on High-Performance Parallel and Distributed Computing (HPDC'22)*, June 2022.
- Jämes Ménétreay, Christian Göttel, Anum Khurshid, Marcelo Pasin, Pascal Felber, Valerio Schiavoni and Shahid Raza, **Attestation Mechanisms for Trusted Execution Environments Demystified**. *22<sup>nd</sup> International Conference on Distributed Applications and Interoperable Systems (DAIS'22)*, June 2022.
- Robin Vassantlal, Eduardo Alchieri, Bernardo Ferreira, Alysson Bessani, **COBRA: Dynamic Proactive Secret Sharing for Confidential BFT Services**. *43<sup>rd</sup> IEEE Symposium on Security and Privacy (SP'22)*, San Francisco, CA, USA, May 2022. <https://doi.ieeecomputersociety.org/10.1109/SP46214.2022.00099>
- Jämes Ménétreay, Christian Göttel, Marcelo Pasin, Pascal Felber, Valerio Schiavoni, **An Exploratory Study of Attestation Mechanisms for Trusted Execution Environments**. *5<sup>th</sup> Workshop on System Software for Trusted Execution (SysTEX'22)*, co-located with the *27<sup>th</sup> ACM International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS'22)*, March 2022. <https://systemx22.github.io/papers/systemx22-final79.pdf>
- M. Kaiser, R. Griessl, N. Kucza, C. Haumann, L. Tigges, K. Mika, J. Hagemeyer, F. Pörrmann, U. Rückert, M. von dem Berge, S. Krupop, M. Pörrmann, M. Tassemeier, P. Trancoso, F. Qararyah, S. Zouzoula, A. Casimiro, A. Bessani, J. Cecílio, S. Andersson, O. Brunnegard, O. Ekiksson, R. Weiss, F. Meierhöfer, H. Salomonsoon, E. Malekzadeh, D. Ödman, A. Khurshid, P. Felber, M. Pasin, V. Schiavoni, J. Ménétreay, K. Gugala, P. Zierhoffer, E. Knauss, H. Heyn, **VEDLIoT: Very Efficient Deep Learning in IoT**. *Design, Automation and Test in Europe Conference (DATE 2022)*, March 2022. [https://vedliot.eu/wp-content/uploads/2022/02/DATE\\_VEDLIoT\\_a4\\_final.pdf-Vedliot-Cloud.pdf](https://vedliot.eu/wp-content/uploads/2022/02/DATE_VEDLIoT_a4_final.pdf-Vedliot-Cloud.pdf)
- Aghiles Ait Messaoud, Vlad Nitu, Sonia Ben Mokhtar, Valerio Schiavoni, **GradSec: a TEE-based Scheme Against Federated Learning Inference Attacks**. *Workshop on Systems Challenges in Reliable and Secure Federated Learning (ResilientFL'21)*, co-located with the *28<sup>th</sup> ACM Symposium on Operating Systems Principles (SOSP'21)*, October 2021. <https://doi.org/10.1145/3477114.3488763>
- Christian Berger, Hans P. Reiser, Alysson Bessani, **Making Reads in BFT State Machine Replication Fast, Linearizable, and Live**. *The 40<sup>th</sup> International Symposium on Reliable Distributed Systems (SRDS'21)*, September 2021. Best paper award. <https://doi.org/10.1109/SRDS53918.2021.00010>

- Hans-Martin Heyn, Eric Knauss, Amna Pir Muhammad, Olof Eriksson, Jennifer Linder, Padmini Subbiah, Shameer Kumar Pradhan, Sagar Tungal, **Requirement Engineering Challenges for AI-intense Systems Development**. *2021 IEEE/ACM 1<sup>st</sup> Workshop on AI Engineering - Software Engineering for AI (WAIN)*, May 2021. <https://doi.org/10.1109/WAIN52551.2021.00020>
- Jämes Ménétrey, Marcelo Pasin, Pascal Felber, Valerio Schiavoni, **TWINE: An Embedded Trusted Runtime for WebAssembly**. *37<sup>th</sup> IEEE International Conference on Data Engineering (ICDE'21)*, April 2021. <https://arxiv.org/abs/2103.15860>

### 3.4.2 Journal papers

- A. Khurshid, S. D. Yalaw, M. Aslam and S. Raza, **ShieLD: Shielding Cross-zone Communication within Limited-resourced IoT Devices running Vulnerable Software Stack**. *IEEE Transactions on Dependable and Secure Computing*, February 2022. <https://doi.org/10.1109/TDSC.2022.3147262>
- M. Rothmann and M. Porrmann, **A Survey of Domain-Specific Architectures for Reinforcement Learning**. *IEEE Access*, vol. 10, pp.13753-13767, January 2022. <https://doi.org/10.1109/ACCESS.2022.3146518>

### 3.5 Events

One of the objectives of the dissemination task is to participate and give presentations at events, and organize project events and workshops. This is important to further disseminate research results to academic and industrial stakeholders. Therefore, VEDLIoT has already given several presentations and is currently organizing two events. They are described in what follows.

#### 3.5.1 Presentations

- **VEDLIoT Toolchain for Efficient Deep Learning on heterogeneous hardware**, EU-IoT Training Workshops Series – "Next Generation IoT Architectures", Hans Salomonsson, November 2021.
- **VEDLIoT – A heterogeneous hardware platform for next-gen AIoT applications**, EU-IoT Training Session on "Machine Learning at the Edge and the FarEdge", IoT Week (online event), Jens Hagemeyer, August 2021.
- **IoT - Accelerated Deep Learning for Cognitive Edge Computing**, EU-IoT Training Workshops Series – "AIoT and Edge Machine Learning", Jens Hagemeyer, May 2021.
- **VEDLIoT – Very Efficient Dep Learning in IoT**, presentation at the Industrial Pioneers Days OWL event – "Machine Learning", Jens Hagemeyer, April 2021.
- **VEDLIoT – Very Efficient Dep Learning in IoT**, 3<sup>rd</sup> Workshop on Accelerated Machine Learning (AccML), co-located with HiPEAC 2021 Conference, Pedro Trancoso, January 2021.

#### 3.5.2 Organizations

- **HACcloT: Heterogeneous Hardware Acceleration for Edge and IoT**. The event will take place with HiPEAC Computing Systems Week (CSW) in Tampere, Finland, on April 26-28. This year CSW focuses on the internet of things (IoT), and hence it was a good opportunity to propose a thematic session on issues related to VEDLIoT activities. This session will take place on April 27 and will feature 3 project presentations. It will be possible to join the session remotely via Zoom.
- **DL4IoT: Workshop on Deep Learning for IoT**. This workshop will take place with HiPEAC 2022, which was postponed to June 2022, in Budapest, Hungary. The agenda for the workshop is still in preparation and will include 2 sessions, with an overall duration of 3 hours. We are planning to have a session to which other RIA project are invited, namely those with which VEDLIoT has been cooperating under the scope of



the NG-IoT Coordination & Support Action (CSA). The other session will be exploited to present project results.

### 3.6 Exhibitions and demonstrations

VEDLIoT is currently preparing the participation in several exhibitions, in which it will have the opportunity to present demonstrations in dedicated booths or to gain some visibility through posters, roll-ups, and through the distribution of project flyers. The events in which VEDLIoT will participate, either showing posters or providing technology demonstrations, are the following:

- **Stockholm Tech Live 2022, May 11-12, Stockholm, Sweden:** the project will participate in association with one of the project partners, EmbeDL, which will have a booth at the event.
- **Hannover Messe 2022, May 30-June 2, Hannover, Germany:** the project will have the opportunity to bring some contents, like posters, which will be shown jointly with several other contents, on a booth space managed by the University of Bielefeld.
- **HiPEAC 2022, June 20-22, Budapest, Hungary:** in addition to the DL4IoT Workshop being organized by the project at HiPEAC 2022, VEDLIoT will also have a booth to where a demonstration will be brought.
- **IoT Week, June 20-23, Dublin, Ireland:** VEDLIoT will participate in this important event by leveraging on the cooperation with the NG-IoT CSA. There will be space in a booth to where VEDLIoT will also bring a technology demonstrator.
- **Embedded World 2022, June 21-23, Nuremberg, Germany:** despite taking place in the same week as the two events mentioned above, VEDLIoT will also be present with a dedicated booth, where a project demonstrator will be provided.

### 3.7 Open call

The VEDLIoT-Open call for cascaded funding is foreseen to explore new opportunities by extending the application of the VEDLIoT platform to a more extensive set of new and relevant use cases. From a dissemination perspective, this call plays an important role of generating more visibility to the technologies developed in the project and, in general, to project results.

We believe that VEDLIoT already gained some additional visibility, considering the number of website visitors, which increased to more than 500 new visits in April 2022. Additionally we expect this visibility to continue growing with the help of the projects to be selected in the call.

The VEDLIoT Open Call preparation and publication, including all relevant documents, is described in deliverable D7.6 in detail.

### 3.8 Collaboration with other projects

VEDLIoT has been actively collaborating with the Next Generation Internet of Things (NGIoT) CSA, and with the EU-IoT project (The European IoT Hub – Growing a sustainable and comprehensive ecosystem for the Next Generation Internet of Things).

This collaboration entails several facets, namely:

- The participations in monthly meetings of the NGIoT Communications Task Force, which provides an opportunity to know what the other RIA projects are doing in terms of dissemination activities, to know about relevant forthcoming events related to the IoT area, and also to inform the other projects about VEDLIoT dissemination activities and plans;

- The possibility to easily reach other RIA projects and collaborate with them, as it is happening with the preparation of the DL4IoT Workshop, for which they were invited to give a presentation;
- The participation in the EU-IoT Hackathon “Sustainable Next Generation IoT Applications” and training events organized by NG-IoT / EU-IoT, during which VEDLIoT work can be presented;
- The possibility of benefiting from resources made available by NG-IoT / EU-IoT to further disseminate the VEDLIoT work and results, namely mailing lists or exhibition space, as will happen during the IoT-Week event.

## 4 Performance analysis

In the previous section we described the several activities that were done or that are being prepared concerning dissemination of project work and results. We also provided some "Social" related indexes (i.e., number of website page views, number of followers on social networks, number of posts, etc.) that are important to measure the success of our dissemination efforts, and implicitly provided information that serves as "Dissemination" indexes (i.e., number of accepted publications, number of videos, number of events being organized, etc.) that is important to assess the extent to which dissemination objectives are being achieved.

Table 1 provides the key performance indicators and the defined target for each indicator, which were defined in deliverable D8.1. In addition, the table now includes a column with the actual values for each indicator, which we analyse in what follows.

From the values provided in Table 1, and considering that the project will be running for additional 18 months, we conclude that the project performance is according or above the expectations concerning about half of the indicators, but there is another half that requires some attention, and which we further discuss ahead.

In concrete, we note that while the number of LinkedIn followers is acceptable and will likely reach the planned objective by the end of the project, Twitter followers are much less. We believe this is related to the popularity of the two social networks being different among a significant part of the target audiences, as LinkedIn is considered a professional network, while Twitter as a more general flavour.

Performance indicator	Target	Current
# of page views on the VEDLIoT website	> 1,000 visitors / year	3850 page views and 800 new visitors in 11 months
Approved consensually by all partners	visible in all project dissemination and communication materials	Acknowledgments to VEDLIoT in all materials
# of followers in different social media accounts	> 200 followers per platform	LinkedIn: 124 Twitter: 48
# of published blog posts on the project website	~60 blog posts	25 (news + events)
# of published papers	> 12 journal publications	2
# of presented papers	> 30 published papers in conferences and/or workshops	10
# of events	ca. 10 presentations & demos	5

# of participants in events	50 -100 persons / events	40 (avg. per event)
# of events	ca. 6 exhibitions	5 (in preparation)
# of contacts gathered	100 - 500 persons / exhibition	---
# of videos; # of views	3 videos; 200 views / video	7 videos, 25 views (avg.)

Table 1: Key performance indicators – target and current values.

Concerning posts on the website, given that the number of posts during the initial 6 months of the project was reduced, the current number (25) reflects an increase in the dissemination activities, and makes us believe that the target will be reached.

The number of publications is still below the aimed targets. This is expectable at the current stage of the project, given that research work is in progress and hence the corresponding results will only be visible later. We believe that the number of publications will increase at a higher rate until the end of the project, and the overall number will at least approach the objectives.

Concerning the number of participants in events, we must note that most of the presentations were given online and hence the number of participants is approximate, based on indicators provided by the videoconference platforms, which change over time and do not exactly reflect the total number of unique participants.

Finally, concerning the number of contacts gathered, no number is provided because it was not possible to participate in any exhibition, as the events which VEDLIoT planned to attend were postponed and will only take place next June.

## 5 Summary

In this deliverable we presented the several dissemination activities performed so far, and the ones being planned. These activities have been planned to meet the objectives of the dissemination task. We described the work that has been done so far to prepare and to exploit several dissemination channels, and the contents made available through these channels. We also provided, explicitly or implicitly, several measures of the impact of dissemination activities, which in the end we used to analyse the project performance, according to the key performance indicators and respective targets set forth in deliverable D8.1. We concluded that the performance is good concerning about half of the indicators, but some indicators reveal that more effort still needs to be done so that the target numbers are met by the end of the project. The project will hence continue to periodically monitor these indicators. It should be noted that the project is currently devoting a considerable amount of efforts to prepare the participation in a set of large and important events that will take place in June 2022, all during the same week. It is expectable that these efforts will pay off by increasing the visibility of the project and by creating opportunities for exploiting project results.

A final report of the dissemination activities, in which it will be possible to analyse the impact of these activities, will be provided in deliverable D8.4, by the end of the project.



## List of Abbreviations

AI: Artificial Intelligence

CSA: Coordination and Support Action

EC: European Commission

EEAB: External Expert Advisory Board

HPC: High-Performance Computing

IoT: Internet of Things

NG-IoT: Next Generation IoT

WP: Work Package