

Deliverable

D8.2 – Initial Dissemination Material WP8 – EXPLOITATION AND DISSEMINATION

Disclaimer

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Project Information

Grant Agreement n°	831747
Dates	1 st November 2020 – 31 st October 2023

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Document Status

Document Information

Deliverable name	D8.2 – Initial Dissemination Material
Responsible beneficiary	AYMING
Contributing beneficiaries	All partners
Contractual delivery date	M6 – 30 th April 2021
Actual delivery date	M7 – 10 th May 2021
Dissemination level	Confidential to EDA and Consortium Restricted Public

Document approval

Name	Position in project	Organisation	Date	Visa
S.TROPEA	Project Coordinator / WP leader	ST	10/05/2021	OK
PSC	PSC meeting #6	All consortium	10/05/2021	OK
G.PRAT	Technical coordinator	ST	10/05/2021	OK

Document history

Version	Date	Modifications	Authors
V0	2021.04.02	ToC	F. BRUTIN (Ayming)
V1	2021.05.03	First draft released to Project Coordinator	F. BRUTIN (Ayming)
V1.1	2021.05.04	Includes Project Coordinator comments	F. BRUTIN (Ayming)
V1.2	2021.05.04	Version sent to PSC	F. BRUTIN (Ayming)
V1.3	2021.05.10	Version including PSC feedbacks and approved	F. BRUTIN (Ayming)
V2	2021.05.11	Version submitted to EDA	F. BRUTIN (Ayming)
VF	2021.05.21	Version approved by EDA	P. LANGLOIS (EDA)

List of acronym and abbreviations

Acronym/abbreviations	Description
EDA	European Defence Agency
EU	European Union
GA	Grant Agreement (contractual document between EDA and consortium)
PADR	Preparatory Action on Defence Research
PCA	Project Consortium Agreement (contractual document between members of the consortium)
PMT	Project Management Team
PSC	Project Steering Committee
WP	Work Package
WPL	Work Package Leaders

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1 Executive Summary

1.1 Description of the deliverable content and purpose

The Deliverable D8.2 – Initial Dissemination Material is delivered in the context of Task 8.1 – Dissemination within WP8 – Exploitation and Dissemination. WP8 as Task 8.1 will run until the end of the project.

The main objectives of Task 8.1 are to facilitate the analysis and adoption of knowledge and results generated in EXCEED in order to maximise impacts and further exploitation.

The main objectives of this deliverable are to:

- Identify the type of information that can be released outside the EXCEED project without infringing any confidentiality rules.
- Provide a preliminary roadmap of activities.

This deliverable has to be seen as an associated document to D8.4 – Initial Dissemination Plan and Activities, delivered in January 2021.

This deliverable is structured in 4 sections:

- Section 1: EXCEED targeted audiences;
- Section 2: EXCEED communication and dissemination governance and decision-making;
- Section 3: EXCEED communication tools and channels;
- Section 4: EXCEED communication and dissemination KPIs;

The activities will be updated if additional needs arise during the project's execution. Two updated versions of this initial plan will be released (Month 24 and 36) to compile the activities actually performed.

1.2 Corrective action vs Grant Agreement (if relevant)

Not applicable

2 Deliverable report

2.1 Deliverable context and objectives

The deliverable D8.2 – Initial Dissemination Material provides details on authorised materials to be disseminated outside the consortium and gives some information about roadmap and organisation.

Whenever necessary, this document might be further updated to reflect any changes that may occur during the project lifetime.

This deliverable has to be seen as an associated document to [D8.4 – Initial Dissemination Plan and Activities](#), delivered in January 2021.

2.2 Deliverable activities description

2.2.1 EXCEED targeted audiences

As stated in [Deliverable 8.4](#), the EXCEED targeted audiences were identified during proposal application preparation, as well as dedicated channels and means that the EXCEED project consortium will put in place.

Table 1 – EXCEED targeted audiences.

Targets	Audience	Expected benefits	Channels, means
Internal	The members of the project consortium and of the project consortium’s own institutions.	Information about project progress to amplify channels to other targets.	Meetings, mails, newsletter, LinkedIn, deliverables.
Other PADR projects	The Coordinators and key actors of projects dealing with similar topics.	Visibility and uptake of results, and provide opportunities to receive feedback, share experiences and discuss joint problems and issues.*	Website, EDA meetings, newsletter, LinkedIn, posters**.
External stakeholders	Customers, MoDs, "opinion makers" and "policy makers" benefiting from the project outcomes especially dual-use electronics.	Catalysts for the dissemination process. Maximisation of project’s impacts.	Dissemination (papers, conferences, case studies). Website, newsletter, LinkedIn.
Scientific community	Wider audience not related to (dual-use) electronics.	Scientific knowledge	Dissemination (papers, conferences, case studies). Website, newsletter, LinkedIn.

* in compliance with the Project Grant Agreement confidentiality rules.

** added after Deliverable 8.4 release, in the context of EDA-Portugues MoD event (April 2021).

The various channels and means are then detailed in the following paragraphs.

2.2.2 EXCEED communication and dissemination governance and decision-making

2.2.2.1 Governance

Table 2 – EXCEED Governing bodies involved in communication and dissemination

Body/people	Participants	Main communication and dissemination role
Project Management Team (PMT)	WP Leaders, Technical Project Coordinator (TPC), Dissemination manager, chaired by Project Coordinator (PC)	Proposition of website and LinkedIn updates, Review of proposed activities (publications, participation to conferences, posters, etc.).
Project Steering Committee (PSC)	Project representatives, chaired by PC	Final decision-making body for all subjects.
Security Advisory Board (SAB)	Security experts of each relevant partner	Prior approval to any dissemination of Results activities.
Project Coordinator, WP1 and WP8 leader	Stella TROPEA	Proposition of activities to governing bodies, Organisation of the decision-making.
Dissemination manager	Fabienne BRUTIN	Proposition and follow-up of activities, Update of main communication channels (website and LinkedIn), Preparation of non-confidential material to be disseminated.
Task 1.2 leader (security related handling of classified information) Security Officer	Michel SARLOTTE Julien KACI	Prior approval to any dissemination of Results activities.

2.2.2.2 General rules

Considering the high-level of confidentiality required by the EXCEED project context, any external communication has to follow a validation process described in PCA and in D1.1 - Quality and Risk Management Plan. A digest is reminded below.

For articles, papers and similar written publications

Information is sent to the Dissemination manager by the activities' owner(s). The Dissemination manager then follows a specific procedure in conformity with GA and PCA provisions, to ensure both quality of correctness of the information as well as confidentiality and security aspects.

- Dissemination intention to be provided at least 90 calendar days in advance to Dissemination manager that will organise the communication towards all involved governing bodies.
- Objection to be communicated within 60 calendar days to Dissemination manager that will organise the discussion between objector(s) and owner(s).
- Final validation is discussed within PSC and decisions will be recorded within PSC meetings minutes.

For participation at events such as workshops, congresses, conferences etc.,

Same procedure as above applies.

For communication of information through electronic tools (as website or LinkedIn Group)

A fast-track validation process is proposed as only non-confidential information will be shared on these channels.

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<p>The following acknowledgement must be included in ALL dissemination items: This project has received funding from the European Union's Preparatory Action for Defence Research – PADR programme under Grant Agreement N° 831747 – [EXCEED] Each partner willing to disseminate project results or inform about project status must display the EU emblem (when displayed together with another logo, the EU emblem must have appropriate prominence)</p> <p>Consortium Agreement - Article 8.4.2 During the Project and for a period of 2 years after the end of the Project, the dissemination of Results by one or several Parties including but not restricted to publications and presentations, shall be governed by the procedure of Article 29.1 of the Grant Agreement subject to the provisions of the following paragraphs. Prior notice of any planned publication shall be given to the other Parties at least 90 calendar days before the publication. Any objection to the planned publication shall be made in accordance with the Grant Agreement in writing to the Coordinator and to the Party or Parties proposing the dissemination within 60 calendar days after receipt of the notice. If no objection is made within the time limit stated above, the publication is permitted.</p> <p>Grant Agreement - Article 29.1 A beneficiary that intends to disseminate its results must give advance notice to the other beneficiaries of — unless agreed otherwise — at least 45 days, together with sufficient information on the results it will disseminate. Any other beneficiary may object within — unless agreed otherwise — 30 days of receiving notification, if it can show that its legitimate interests in relation to the results or background would be significantly harmed. In such cases, the dissemination may not take place unless appropriate steps are taken to safeguard these legitimate interests.</p>																																																																		
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2.2.3 EXCEED communication tools and channels

2.2.3.1 Website

A project website has been designed and is available from the public url: www.exceed-padr.eu. A dedicated deliverable was submitted in due time (Month 7): [Deliverable 8.1 – Project website](#).

KPIs:

- At least one minor update of website per month and one major updated on a quarterly basis.
- At least 3000 visits at the end of the project.

2.2.3.2 Social media

The EXCEED project is now available on LinkedIn. <https://www.linkedin.com/company/exceed-padr/>

The objective is to maximise the visibility of EXCEED activities and results by reaching professional contacts of persons involved in the project. It is strongly related to website activities in order to increase the visibility and number of visits.

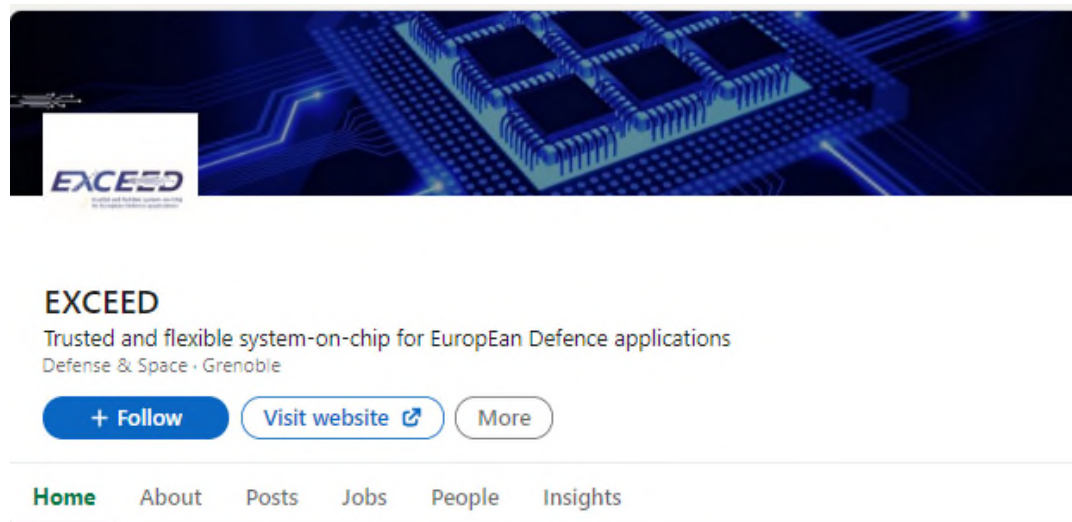


Figure 1: EXCEED LinkedIn view

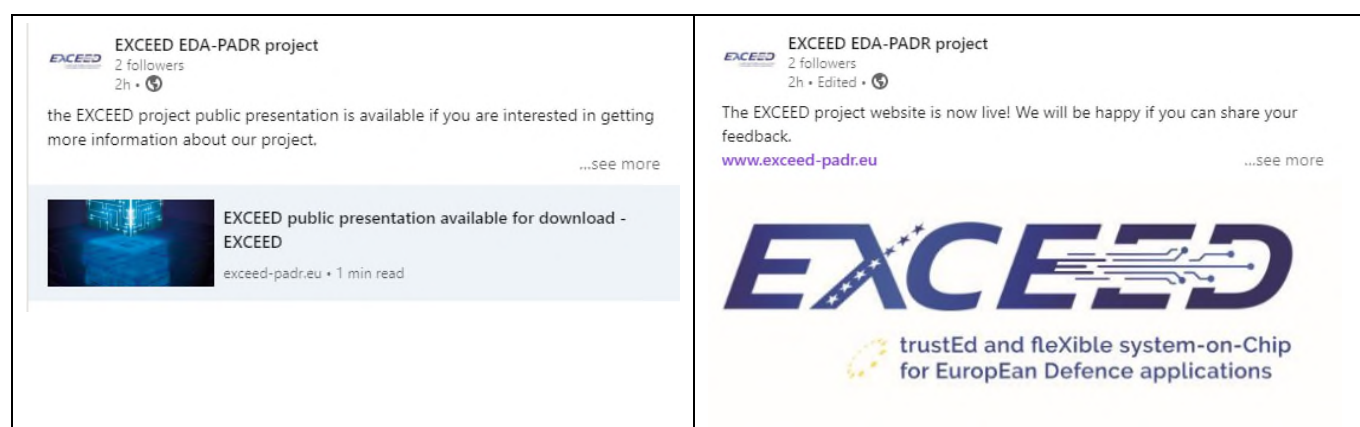


Figure 2: first EXCEED posts

A specific action will be conducted to attract followers coming from the consortium.

The Dissemination manager will be responsible for publishing contents based on information collected or sent by partners.

KPIs:

- At least a monthly publication,
- At least 500 followers at the end of the project.

2.2.3.3 Other public material

2.2.3.3.1 Public presentation

A public presentation of EXCEED is available on [Aymingsphere](#) and on the [public website](#) and will be periodically updated. This presentation may be used by all consortium for presenting the project.

An official document prepared by EDA is also available on [EDA website](#).

KPIs:

- At least three updates during project progress (1 per year).

2.2.3.3.2 Poster

A poster was requested by EDA in the context of “the R&T Conference on Impact on Disruptive Technologies on Defence” organised by EDA and the Portuguese MoD on 20th April 2021, under the auspices of the Portuguese Presidency of the Council of the EU.

This poster is available on [Aymingsphere](#) and on the [public website](#).



This project has received funding from the European Union's Preparatory Action for Defence Research – PADR programme under Grant Agreement N° 831747 - EXCEED



EXCEED – TRUSTED AND FLEXIBLE SYSTEM-ON-CHIP FOR EUROPEAN DEFENCE APPLICATIONS

EXCEED stands for trusted and flexible system-on-chip for European Defence applications. The project aims at paving the way for a trusted European supply chain of reconfigurable, flexible and trustable programmable system-on-chip family targeting a number of ruggedized, flexible radios, secure applications such as for radio frequency (RF) sensors and signal processing arrays, flexible radios, secure positioning and navigation, UAV data links, military networks, flexible cryptography engines, dismounted soldier, guidance and mission critical controllers. The security of the System-on-chip architecture is studied in detail to cope with Classified Information and defence specificities as well as country-specific requirements, through protection, personalization and life-cycle management. The project also focuses on System Development Tools. The secure chip is fabricated in a trusted environment in Europe. The demonstrator chip will be a mid-scale member of the family. The consortium encompasses a total of 19 participants from 6 EU countries and Norway. The project, which has a duration of 36 months, starting 1st of November 2020, will receive an EU grant of roughly €12 million.

Participating Members

Consortia/Organization

STMicroelectronics Grenoble 2 SAS | Anamicro SP, ZOO, Anamicro SAS | Elettronica SpA | CENRA Testing and Certification S.A.U. | Fraunhofer Gesellschaft zur Förderung der Anwendungs-Forschung e.V. | BAV AEROSPACE AND DEFENCE SA | Indra Sistemas SA | Integrated Systems Development SA | Konigsberg Defence & Aerospace AS | Leonardo Società per Azioni | MEDA France SAS | MicroXplora | Safran Electronics & Defense | SENER Aerospace S.A. | Thales SIX GTS FRANCE SAS | Ajmring | Synelias Lyoas | Piroforika Automatismou & Triplotakoni on Anonimi Etaria | Thales DS Design Services SAS

Objectives

The rationale of EXCEED is to propose technical solutions to avoid constraints brought by non-EU countries' domination in digital reprogrammable SoC/SIPs for Defence applications by designing a European FPGA based System on Chip family suited for European Defence requirements in 2025 and beyond. To achieve it, the project will:

- 1) Develop a first prototype and get it tested by OEMs (Original Equipment Manufacturers).
- 2) Define a comprehensive set of requirements and specifications for SoC/SIP devices and related supply chain that considers the military specificities about operating environment, content protection, compliance with EU and National classified information and the various mission profiles.
- 3) Develop synergies and supply chains with other European critical sectors such as Space, Aeronautics and Industrial.
- 4) Assess the gaps to be fulfilled to overcome the dependence on non-EU technology providers and propose a roadmap for the creation of a trusted European supply chain.

Work Strands

All part of the EXCEED project will focus on security requirements as well as technical requirements. The target is to ensure that the security requirements of such a SoC or SIP are met all along its life from creation to field usage: military users need to be sure that these components can be trusted for use in security systems, communication equipment and encryption systems without restrictions. The users' (OEMs) needs and experiences are the background to provide a baseline for architecture analysis, system development tools and technology development. The collection of requirements will guarantee the definition as well as the maintenance of the roadmap towards a trusted European supply chain for secure high performance digital SoC/SIP.

The major objective of the system development tools work package is to identify the global software tool chain required to use efficiently complex SoC/SIP devices through the list of mandatory/highly desirable/optional features. Another objective is to test/evaluate/improve current solutions, to develop some virtual model required for the SoC simulation phase and to define associated roadmaps for missing tools. The aim of technology development is to develop the underlying technology bricks necessary to create value and sovereignty in European defence electronics. The development technology is based on 28nm FDSOI technology. Finally, the functional evaluation will assess the performances of this first version of the SoC compared with the identified requirements.

Way Ahead

The project is targeting the following impacts:

- 1) Ensure secure and autonomous availability of High performance and trustable (re)configurable SoC/SIPs to military end-users.
- 2) Contribute to strengthening the European microelectronics industry and help improve its global position through the implementation of innovative technologies along a new European manufacturing value chain.
- 3) Improved competitiveness of the end-user industry in and beyond the defence sector.
- 4) And finally, demonstrate the potential of EU-funded research in support of EU critical defence technologies, in particular in the domain of (re)configurable SoC/SIPs.

Link to TBBs, CapTechs, and other links

- OSRA TBB 51 - The protection of military communications and information systems (CapTech Cyber)
- OSRA TBB 43 - System-On-Chip (CapTech Components)
- OSRA TBB 45 - Defence critical technologies supply chain (CapTech Components)
- OSRA TBB 41 - ADC and DAC (CapTech Components)

Contact:
 Thales DS | 15000 rue de France
 91000 Evry-Courcouronnes
PROJECT MANAGERS:
 ANNE-FRANÇOISE GUILLET

Figure 3: EXCEED poster

2.2.3.3.3 Press release

A first press release was jointly initiated by EDA and the EXCEED consortium when the project officially launched and is available on [EDA website](#) as well as on EXCEED website.



KPIs:

- At least two new press releases following the end of reporting periods.

2.2.3.3.4 Videos and pictures

A specific action will be led all along the project duration to collect non confidential material such as videos and pictures that can be easily used to illustrate the achievements on communication medias.

2.2.4 EXCEED communication and dissemination KPIs

Table 5 – EXCEED Key Performance Indicators.

Indicators for measuring the effectiveness of the approach	Proposed target (project end)
Non-scientific publications (articles, new documents ...)	10
Newsletters/press releases	4
Followers in social networks	> 500
Project website visits	> 3000
Booth in exhibition	2
Publications in international conferences or journals	1 to 2

2.3 Perspectives, further steps

This deliverable may be updated according to project’s evolution.

3 Conclusion

This deliverable was approved by the PSC during the 2021.05.06 meeting.