



## trustEd and fleXible system-on-Chip for EuropEan Defence applications (EXCEED)

Under the Preparatory Action on Defence Research (PADR), the grant for the Research Action call on the topic 'European high-performance, trustable (re)configurable system-on-a-chip or system-in-package for defence applications' was signed on 26 October 2020. The awarded project, called EXCEED, is led by STMicroelectronics Grenoble 2 SAS (France). The consortium encompasses a total of 19 participants from 7 countries. The project, which has a duration of 54 months, will receive an EU grant of roughly €12 million.

PADR Call EDT-02-2018 – Information on the awarded project			
<b>Name of the project</b>		trustEd and fleXible system-on-Chip for EuropEan Defence applications	
<b>Short name</b>		EXCEED	
<b>Summary of the project</b>			
<p>The EXCEED project aims at creating an European supply chain of reconfigurable, flexible and trustable Programmable system-on-a-chip (SoC) family targeting a number of ruggedized and secure defence applications such as for 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.</p> <p>The security architecture of the SoC is studied in detail to cope with EU 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.</p>			
<b>Project duration</b>		54 months	
<b>Starting date</b>		01 November 2020	
<b>Maximum foreseen EU Contribution</b>		€ 11.980.950,50	
<b>List of participants</b>			
#	Name of the entity	Country	EU Contribution requested by the entity <sup>1</sup>
1	STMicroelectronics Grenoble 2 SAS	France	€ 1.942.258,75
2	Antmicro SP. Z.O.O	Poland	€ 300.000,00
3	ArianeGroup SAS	France	€ 286.500,00
4	Elettronica S.p.A	Italy	€ 253.875,00
5	DEKRA Testing and Certification S.A.U.	Spain	€ 184.375,00
6	Fraunhofer Gesellschaft zur Foerderung der Angewandten Forschung e.v.	Germany	€ 663.851,25
7	GMV AEROSPACE AND DEFENCE SA	Spain	€ 399.980,00

<sup>1</sup> The amount of EU contribution as included in the Grant Agreement. Final amounts need to be confirmed at the end of the project.



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9	Indra Sistemas SA	Spain	€ 521.500,00
10	Integrated Systems Development SA	Greece	€ 699.416,25
11	Kongsberg Defence & Aerospace AS	Norway	€ 569.410,00
12	Leonardo Societa per Azioni	Italy	€ 350.967,50
13	MBDA France SAS	France	€ 388.056,50
14	NanoXplore	France	€ 2.561.221,50
15	Safran Electronics & Defense	France	€ 301.500,00
16	SENER Aeroespacial S.A.	Spain	€ 349.428,75
17	Thales SIX GTS FRANCE SAS	France	€ 906.885,00
18	Ayming	France	€ 51.736,97
19	Synelixis Lyseis Pliroforikis Automatismou & Tilepikoinonion Anonimi Etairia	Greece	€ 131.250,00
20	Thales DIS Design Services SAS	France	€ 969.850,00
21	Benkei	France	€ 148.888,03

Web page: <https://www.exceed-padr.eu/>

LinkedIn: EXCEED EDA-PADR project