



HIDRA

High Instantaneous Dynamic Range Direct RF sampling modular chiplet Architecture

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Open call dedicated to SMEs for development of innovative and future-oriented defence solutions

TOPIC TITLE:

Research of innovative and future-oriented defence solutions

DURATION OF THE PROJECT:

36 months

TYPE(S) OF ACTIVITIES:

Studies; Design

ESTIMATED TOTAL COST:

€ 3,996,992.42

MAXIMUM EU CONTRIBUTION :

€ 3,996,992.42



SHORT DESCRIPTION OF THE PROJECT:

HIDRA will aim at the provision of a modular chiplet architecture for Software Defined Radio.

The project “High Instantaneous Dynamic Range Direct RF sampling modular chiplet Architecture” (HIDRA) offers to execute studies and design regarding Digital Signal Processing for Software Defined Radio. The planned deliverable is a new modular chiplet architecture that would enhance the ability to distinguish the faintest signals in presence of powerful interferers (high instantaneous dynamic range).



@defis_eu



#StrongerEurope
#EUDefenceIndustry

**MEMBERS OF THE CONSORTIUM AND
COUNTRY OF ESTABLISHMENT:**



 NAME OF THE ENTITY	 COUNTRY
Beyond Semiconductor, raziskave in razvoj, d.o.o. (Coordinator)	Slovenia
BALTIJOS PAZANGIU TECHNOLOGIJU INSTITUTAS	Lithuania
UNIVERSITE DE BORDEAUX	France
UNIVERZA V LJUBLJANI (UL)	Slovenia