## PILUM **Emerging Game Changers**

PADR-FDDT-EMERGING-03-2019

NAME OF THE PROJECT	Projectiles for Increased Long-range effects Using Electro-Magnetic railgun
SHORT NAME	PILUM
GRANT AGREEMENT NUMBER	884184

## **OBJECTIVE OF THE PROJECT**

Considering trends for enhanced precision and range of ammunition while seeking affordable costs, the electromagnetic railgun (EMRG) is a disruptive technology to launch projectiles over extremely long distance (more than 200 km) and a potential operational game-changer, thanks to electromagnetic acceleration instead of chemical propellants. The project lays the foundation for achieving a full-scale demonstrator by 2028.

PROJECT DURATION	24 months
STARTING DATE	1 April 2021
GRANTED EU CONTRIBUTION	€ 1.498.822,5

## LIST OF PARTICIPANTS

#	NAME OF THE ENTITY	COUNTRY
1	INSTITUT FRANCO-ALLEMAND DE RECHERCHES DE SAINT LOUIS	France
2	DIEHL BGT DEFENCE GMBH CO KG	Germany
3	ERDYN CONSULTANTS	France
4	ZAKLAD TECHNOLOGII WYSOKOENERGETYCZNYCH GALKA, SZULC SP.J.	Poland
5	NAVAL GROUP	France
6	NEXTER SYSTEMS	France
7	INSTITUT VON KARMAN DE DYNAMIQUE DES FLUIDES	Belgium

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