

# PILUM

## Emerging Game Changers

PADR-FDDT-EMERGING-03-2019

<b>NAME OF THE PROJECT</b>	<b>Projectiles for Increased Long-range effects Using Electro-Magnetic railgun</b>
<b>SHORT NAME</b>	<b>PILUM</b>
<b>GRANT AGREEMENT NUMBER</b>	<b>884184</b>
<b>OBJECTIVE OF THE PROJECT</b>	
<p>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.</p>	
<b>PROJECT DURATION</b>	<b>24 months</b>
<b>STARTING DATE</b>	<b>1 April 2021</b>
<b>GRANTED EU CONTRIBUTION</b>	<b>€ 1.498.822,5</b>

## 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