

SRB2

Rotary Suspension for Armoured Vehicles 2

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Development actions dedicated to SMEs

TOPIC TITLE:

Non-thematic development actions by SMEs

DURATION OF THE PROJECT:

48 months

TYPE(S) OF ACTIVITIES:

Studies, Design, System prototyping, Testing, Qualification, Certification, Increasing efficiency

ESTIMATED TOTAL COST:

€ 7,360,607.69

MAXIMUM EU CONTRIBUTION :

€ 6,000,000.00



SHORT DESCRIPTION OF THE PROJECT:

The aim of SRB2 is to develop a suspension system based on a fully rotary hydropneumatic suspension for heavy armoured vehicles.



The SRB2 project will develop a fully rotary hydropneumatic suspension system for heavy armoured vehicles. It will integrate a toroidal piston as the elastic element and a fully rotary hydraulic damper as the damping element. Based on previous work done in the precursor project funded by EDF (SRB), it will design and develop enhanced equipment, increase the solution modularity, and optimise its lifecycle efficiency. The new suspension aims to improve heavy armoured vehicles mobility, in particular new and legacy main battle tanks.



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**Members of the consortium and
country of establishment:**

|  NAME OF THE ENTITY |  COUNTRY |
|--|--|
| PIEDRAFITA SYSTEMS SL (Coordinator) | Spain |
| PMG Precision Mechanics Group GmbH | Germany |
| REPACK-S | France |
| RHP TECHNOLOGY GMBH | Austria |

