

MaJoR

Maintenance, Joining, and Repair innovation in multidomain defence

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Development actions on materials and components

TOPIC TITLE:

Maintenance, joining and repair (cross-border defence innovation network)

DURATION OF THE PROJECT:

42 months

TYPE(S) OF ACTIVITIES:

Integrating knowledge, Studies, Design, System prototyping, Testing, Qualification

ESTIMATED TOTAL COST:

€ 46,640,824.37

MAXIMUM EU CONTRIBUTION :

€ 29,999,698.02



SHORT DESCRIPTION OF THE PROJECT:

MaJoR will develop a platform representing the test environment for various technologies to enable and advance joining, maintenance and repair technologies for air, sea and land.

The project will expand the EU defence industry's capability and secure European autonomy through cross-border and multi-domain collaboration. Through the development and application of the technologies, the project aims to bring down assembly cost by 40%, save 20% weight, increase production speed by 30%, accelerate the design process by 30%.

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#EUDefenceIndustry**

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



 NAME OF THE ENTITY	 COUNTRY
STICHTING KONINKLIJK NEDERLANDS LUCHT - EN RUIJTEVAARTCENTRUM (Coordinator)	The Netherlands
2MV COMPOSITES B.V.	The Netherlands
AIRBUS DEFENCE AND SPACE GMBH	Germany
AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH	Austria
CTC GmbH	Germany
DAMEN SCHELDE NAVAL SHIPBUILDING BV	The Netherlands
DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT EV	Germany
DNV AS	Norway
FIRECO AS	Norway
FOKKER AEROSTRUCTURES BV	The Netherlands
FORSVARETS FORSKNINGINSTITUTT	Norway
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV	Germany
GE AVIO SRL	Italy
HOLLAND COMPOSITES BV	The Netherlands
INEGI - INSTITUTO DE CIENCIA E INOVACAO EM ENGENHARIA MECANICA E ENGENHARIA INDUSTRIAL	Portugal

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



 NAME OF THE ENTITY	 COUNTRY
INO GMBH	Austria
IVECO DEFENCE VEHICLES SPA	Italy
KUNGLIGA TEKNISKA HOEGSKOLAN	Sweden
L - UP SAS	France
LIGHT STRUCTURES AS	Norway
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	The Netherlands
NORDMETALL GmbH	Germany
POLITECNICO DI MILANO	Italy
RHEINMETALL PROTECTION SYSTEMS GMBH	Germany
RHEINMETALL WAFFE MUNITION GMBH	Germany
RISE RESEARCH INSTITUTES OF SWEDEN AB	Sweden
RONDAL BV	The Netherlands
SAAB KOCKUMS AKTIEBOLAG	Sweden
SIEC BADAWCZA LUKASIEWICZ - INSTYTUT METALI NIEZELAZNYCH	Poland
SIEC BADAWCZA LUKASIEWICZ-INSTYTUTLOTNICTWA	Poland

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

 NAME OF THE ENTITY	 COUNTRY
SOLICO BV	The Netherlands
UMOE MANDAL AS	Norway
VABO Composites BV	The Netherlands
WSL	Belgium
WEHRWISSENSCHAFTLICHES INSTITUT FÜR WERK- UND BETRIEBSSTOFFE (WIWEB)	Germany

