

CLUSTER NETWORK MEMBERS



CLUSTER PORTUGAL

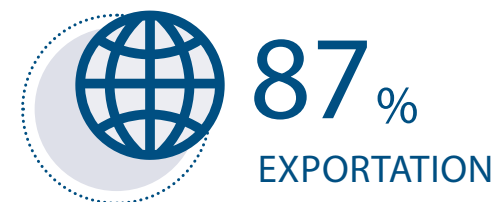
AERONAUTICS, SPACE AND DEFENCE

THE CLUSTER

AED Cluster Portugal (AED) is the Portuguese Cluster for the Aeronautics, Space and Defence Industries and was created in 2016, as a private non-for-profit organization. In 2017, we received the label of "Strategic National Competitiveness Cluster" for Aeronautics, Space and Defence from the Portuguese Government.

The Cluster gathers the main stakeholders from the three sectors, being able to act as an entry point and a one-stop-shop in Portugal, for all national and international players.

AED Cluster Portugal strategic objectives lie within four main building blocks - Funding and Regulatory; People and Competences; Innovation and Value; Markets and Opportunities -, with a **clear mission to promote the advancement and consolidation of Portugal as an international reference on the Aeronautics, Space and Defence global industries.**





BOARD PRESIDENT

JOSÉ NEVES

INTERVIEW

What is AED?

AED Cluster Portugal (AED) is the Portuguese Cluster for the Aeronautics, Space and Defence Industries and was created in 2016, as a private non-for-profit organization. The Cluster involves more than 140 Portuguese entities (Companies, Institutes and Academia) sharing significant synergies in multiple industrial, research and engineering domains.

What are the Cluster's main goals?

The AED's mission is to be a trusted added value partner for the Aeronautics, Space and Defence sectors in Portugal, fostering growth in key opportunity areas, by acting as an entry point and one-stop-shop for every national and international stakeholders.

Our goal is to foster a positive networking environment for cooperation, enabling the competitiveness of the Portuguese industrial, scientific and technological communities. And, so far, the results have been amazing.

AED Cluster Portugal strives to continue the good work with all its members and partners, in order to keep the path to consolidate Portugal as an international reference within the Aeronautics, Space and Defence industries.

Which results do you find most interesting?

The Portuguese market dynamics and the consolidation of new business opportunities has been outstanding for the last decade. At a global level, we see an increasing awareness and recognition of the quality of our human resources and the competitiveness of our industries. The National ecosystem is not local anymore, but rather global, possessing already the capacity to deliver value through the entire development life cycle, which allow us to set ambitious goals for the future.

If you look carefully, today, we have Portuguese enabled technology from the depths of the oceans to the outer space.

What is the Cluster's outlook for the future?

We strongly believe that the efforts and initial investments, already performed by our associates, will foster a consolidated and fruitful future for AED at a global level. The Portuguese ecosystem has already given proof of its value and it is, still, facing a big growth potential, capable to cope with the challenges these industrial sectors are facing. For us that is clear and, as a Cluster, it is our purpose to show that to the world.



AEDCP MEMBERS































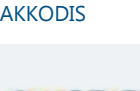
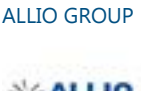












Aeronautics



Space



Defence

A360  First Portuguese Purchasing & Procurement Platform for Aerospace, Space and Defence... www.a360global.com	ABSANT TRAINING  Consultancy and Training for Civil Aviation www.absant-group.pt	BEYOND VISION  Drones, AI and Computer Vision and Cloud Platform www.beyond-vision.pt	BLUE OASIS  Working towards Ocean's Sustainability: R&D; Technical Consultancy; Industry 4.0 www.blueoasis.pt
ACTIVE SPACE TECHNOLOGIES  Structures, Mechanisms, Condition Based Maintenance systems for aerospace www.activespacetech.com	ADYTA  Cybersecurity, safe communications and IT Consultancy www.adyta.pt	C2TN  R&D, Consultancy, Advanced Training and others, in Nuclear Sciences and Technologies www.c2tn.tecnico.ulisboa.pt	CABLOTEC  Specialized wiring; Overmoulding and mechanical, electrical and electronic systems www.cablotec.com
AERNOVA  Design and Manufacturing of aerostructures and components www.aernnova.com	AERO3PLUS  Audit, Consulting, Formation www.aero3plus.com	CAETANO AERONAUTIC  Production and Assembly of Metallic Composites www.caetanoaeronautic.pt	CCG  Research and Technological Development www.ccg.pt
AEROHELICE  Propeller Maintenance, repair and overhaul www.aerohelice.com	AEROMECH  MRO Solutions on Defence, Business and Civil Aviation www.aeromech.pt	CEIIA  Innovative products R&D for the Mobility industries www.ceia.com	CELESTIA PORTUGAL  High-Tech company delivering engineering services to the Aerospace industry www.celestia-portugal.pt
AEV - SUMMER SCHOOL  Scientific Dissemination and Applied Research www.aev-associacao.pt	AFIPRE  High Precision Cutting Tools www.afipre.pt	CISTER  Research Centre in Real-Time & Embed Computing Systems www.cister.isep.ipp.pt	CODI  3D Digitalization and Printing; Industrial Design and Engineering www.codi.pt
AICEP GLOBAL PARQUES  Procurement and consulting services; Management of business parks www.globalparques.pt	AICOX SOLUÇÕES  Satellite Communications, IT, Mobile Communications and Defence and Security solution www.alphac2.pt	COFICAB  Electrical Cables for the Automotive and Aerospace industry www.coficab.pt	CONNECTED  www.connected.space
AIR OLESA  Moulds; Special Tools; Precision Machining; Special Parts www.airolesa.pt	AIRBUS ATLANTIC PORTUGAL  New global champion for Airbus; Sustainable Aviation Industry www.airbus.com	CONTROLAR  Test Systems, Automation Systems, Auto.ID and Aerospace & Defence www.controlar.com	CRITICAL SOFTWARE  Software architecture, development and certification www.criticalsoftware.com
AKKODIS  www.akkodis.com	ALLIO GROUP  Design and manufacture of light and heavy; primary part toolings, assembly jigs, checking fixtures... www.allio-group.com	CWST  Metal surface specialists. Aerospace & Industrial, Defense Electronics and Naval & Power www.curtisswright.com	D-ORBIT  Satellite manufacturing, cubesat deployers, de-commissioning devices www.dorbit.space
ALMADESIGN  Industrial design in Aeronautics and Land transport systems; Design Management www.almadesign.pt	ATLAR  Advanced computing solutions for Big-data and Big Science... www.atlar.pt	DEIMOS  Space system engineering; Earth Observation www.deimos.com.pt	DISTRIM 2  www.distrim2.pt
AVP - AERO VOO DE PORTUGAL  MRO Components, Authorized Repair Facility www.avp.com.pt	BEINTEC  Industrial Engineering, Concept & Functional Models Production, Advanced Manufacturing... www.beintec.pt	DRAGONFLY  www.dragonflyaerospace.com	DURIT COATINGS  High Performance Coatings and Surface Treatments www.duritcoatings.pt
BEYOND COMPOSITE  Dedicated to the field of Advanced Composite Materials www.beyondcomposite.pt	BEYOND GRAVITY  www.beyondgravity.com		

AEDCP MEMBERS



Aeronautics



Space



Defence

EDAETECH



Complex metal parts production

www.edaetech.pt

EID



High-tech industry; Electronics, communications and command & control

www.eid.pt

IMAGINARY CLOUD



Software Development for Digital Acceleration

www.imaginarycloud.com

INCOMEf



Metalworking, Automation, Robotics and Artificial Vision

www.incomef.com

EMBRAER



Commercial, executive and military aircraft

www.embraer.com

EMMAD



Technical Wood Packaging

www.emmad.com

INDRA



Military platforms; Defence systems; Security; Space; Cyberdefence

www.indracompany.com

INEGI



R&T for Mechanical and Industrial

www.inegi.pt

ENARTIN



Engineering, Manufacturing, Assembly & Testing Mechanical Ground Support Equipment

www.enartin.com

ENGENHOTEC



Product Engineering and Prototyping

www.engenhotec.com

INESC TEC



Institute for Systems and Computer Engineering, Technology and Science

www.inesctec.pt

INOV INESC



R&D in Information and Communications, Technology and Electronics

www.inov.pt

ETI



Training & Test solutions for Defence and Aeronautics

www.eti.pt

FEDEX EXPRESS



Express Delivery Services

www.tnt.com

IPL - CDRSP



Bio- and multi-scale technologies R&D; Advanced materials; Sustainable manufacturing

www.cdrsp.ipleiria.pt

IPN



R&D, Tech-based Business Incubation & Acceleration

www.ipn.pt

FHP - FREZITE HIGH PERFORMANCE



Design, manufacturing, testing and integration of Mechanical and Thermal hardware

www.frezitehp.com

FIBRENAMICS



Institute for Innovation in Fiber and Composite Materials

www.fibrenamics.com

IPS



Higher Education Institute

www.ips.pt

ISEC LISBOA



Higher Education Institute

www.iseclisboa.pt

FMT - FREZITE TOOLING SYSTEMS



Full-service tooling supplier

www.fmttooling.com

FOCO AERONAUTICAL



Design (aircraft decal and signs); Industrial print

www.focoeronautical.com

ISQ



Engineering, Testing, Technical Inspections and Research and Development

www.isq.pt

ISR (IST)



Institute for Systems and Robotics

welcome.isr.tecnico.ulisboa.pt

GEOSAT



Geoinformation, Earth Observation, Small Satellites

www.geosat.space

GMV



Integrated systems; Avionics; Cybersecurity; Guidance, Navigation & Control

www.gmv.com

IT - INST. TELECOMUNICAÇÕES



Research and Development in the field of Telecommunications

www.it.pt

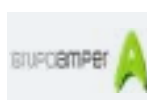
KIT-AR



Advanced AR System for Smart Manufacturing

www.kit-ar.com

GRUPO AMPER



Leader in technology and engineering for the Aerospace, Defense, Communications...

www.grupoamper.com

HYPERMETAL



Metal Additive Manufacturing

www.hypermetal.eu

KRISTALTEK



Precision Machining by Milling and Turning

www.kristaltek.pt

LAROCHE



Engineering; Manufacturing and Services

www.larocche-group.com

IBERMICRA



Engineering and Manufacturing of special moulds for the Aerospace Industry...

www.ibermicra.pt

IBEROMOLDES



Engineering services; Moulds and Tools

www.iberomoldes.pt

LAUAK



Sheet metal working; Mechanical engineering; Assembly of structures

www.groupe-lauak.com

LEITEK



Forest Surveillance, Defence and Security, Safety in Airports, RPAS Services

www.leitek.com

IDMEC (IST)



Institute of Mechanical Engineering

www.idmec.ist.utl.pt

IFA-TRAINING



Aproved Training Organisation under the EASA regulations; Aviation and Airline Training.

www.ifa-training.com

LUSOSPACE



High-tech Engineering (Space Hardware and Augmented Reality expertise)

www.lusospace.com

MDS



Insurance/reinsurance broking and risk consultancy

www.mdsinsure.com

AEDCP MEMBERS



Aeronautics



Space



Defence

MECACHROME



Specialist in precision machining of hard materials

www.mecachrome.com

MESA



MRO Line & Base Solutions for Civil Aviation

www.mesa.aero

MUNICIPALITY OF CASTELO BRANCO



Local Government

www.cm-castelobranco.pt

MUNICIPALITY OF OEIRAS



Local Government

www.cm-oeiras.pt

MUNICIPALITY OF SEIA



Local Government

www.cm-seia.pt

NAVAL ROCHA



Integrated services for Naval shipping

www.navalrocha.pt

NOVACABLE



Manufacture and Assembly of wiring harnesses

www.novacable.pt

OMICRON



Turn-key solutions within the Aviation industry project management

www.omicron-es.com

OPCO



Training, Consulting, Audit and Industry

www.opco.pt

OPTILINK



Optical Cable Assembly

www.optilink.pt

MEDITOR DAS



ILS Data, S1000D Conversion, Technical Documentation, Reliability...

www.m-das.com

MOTOFIL AERONAUTICS SYSTEMS



Tooling, Machining and Assembly

www.grupomotofil.com

MUNICIPALITY OF ÉVORA



Local Government

www.cm-evora.pt

MUNICIPALITY OF PONTE DE SOR



Local Government

www.cm-pontedesor.pt

NAV



Software Expertise, Industry 4.0 Digital Transformation

www.nav.pt

NEXTEAM



Precision mechanics; machining technologies for cemented carbide

www.nexteam-group.com

OGMA



MRO; Manufacturing of aircraft components; Aircraft Engineering; Logistics Support

www.ogma.pt

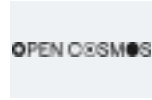
OMNIDEA



Space Technologies and Energy Systems

www.omnidea.net

OPEN COSMOS



www.open-cosmos.com

OPTIMAL



Engineering and Manufacturing of composite components

www.optimal.pt

ORION TECHNIK



Maintenance and Engineering

www.orienttechnik.com

PIEP



R&D in technologies for the polymer engineering field

www.piep.pt

PROCUT



High Performance cutting solutions and Tool Management

www.procutps.pt

QSR



Consulting; Human Capital Management; R&D

www.qsr.consulting

RDT ENGINEERS



Innovating and developing high technology engineering solutions

www.rdtingenieros.com

SATYS



www.satys.com

SINUTA FCE



Tailored progressive cutting and stamping

www.sinutafce.pt

SMARTENERGY



Driving force in the energy transition

www.smartenergy.net

SOFT SEGMENT



Softsegment is a safety management (SMS+CMS) software platform...

www.softsegment.eu

SOLINTEP



Solutions for International Engineering Projects Management

www.solintep.com

SPEEDBIRD AERO



Unmanned Air Logistics

www.speedbird.aero

PARIS SAINT DENIS AERO PORTUGAL



www.psaero.com

PIXARTIDEA



Industrial and Product Design

www.pixartidea.com

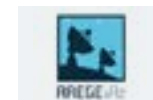
QOE ASSOCIATES



Optimising Human Performance in Industries and complex systems

www.qoeassociates.com

RAEGE



Management of the space activities in Azores

www.raege-az.pt

RICARDO & BARBOSA



Mechanical Mold and Tool Maker

www.ricardo-barbosa.com

SCHMIDT LIGHT METAL GROUP



Software Expertise, Industry 4.0 Digital Transformation

www.performing.solutions

SISTRADE



Software Expertise, Industry 4.0 Digital Transformation

www.sistrade.com

SODARCA



Equipment, systems solutions and technology platforms

www.sodarcadefense.com

SOLFAESTOFO



Refurbishment of Aircraft Interiors

www.solfaestofo.pt

SPACENGINEER



New customized impact absorption solutions

www.spacengineer.com

SPIN.WORKS



AOCS & GNC; Deep Space Missions; Remote Sensing (Space-based + Airborne)

www.spinworks.pt

AEDCP MEMBERS



Aeronautics



Space



Defence

STRATOSPHERE



Critical applications of material systems and structures

www.stratosphere-technologies.com

SYNOPSIS PLANET



www.synopsisplanet.com

TBW



Training pilots, instructors, crews & ground staff — Providing audit & consulting services

www.trainbywire.com

TEKEVER



Provider of UAVs, satellites, communication systems and related technologies

www.tekever.com

THALES



Defence (naval, maritime, combat, radar), Air and Space Systems; Cyber Security

www.thalesgroup.com

TRISOLARIS



www.trisolaris.com

UAVISION



Development and production of unmanned systems and subcomponents

www.uavision.com

UNINOVA



Scientific research, technical development, advanced training, and education

www.uninova.pt

UNIVERSITY ATLANTICA - E.I.A



Higher Education Institute

www.uatlantica.pt

UNIVERSITY LUSOFONA



Higher Education Institution

www.ulusofona.pt

UNIVERSITY OF BEIRA INTERIOR



Higher Education Institute

www.ubi.pt

UNIVERSITY OF AVEIRO



Higher Education Institute

www.ua.pt

UNIVERSITY OF COIMBRA



Higher Education Institution

www.uc.pt

UNIVERSITY OF ÉVORA



Higher Education Institution

www.uevora.pt

UNIVERSITY OF PORTO - FEUP



Higher Education Institution

www.fe.up.pt

VB FRESAGEM



CNC Machining for: Aerospace and Aeronautics

www.vbsa.pt

VISION SPACE



Enterprise-level solutions for satellite missions

www.visionspace.com

VORTEX COLAB



www.vortex-colab.com

WAVECOM



Software Expertise, Industry 4.0 and Digital Transformation

www.wavecom.pt

ZEENTECH



www.zeentech.com



Évora Office

Parque do Alentejo de Ciência e Tecnologia

Rua Luís Adelino Fonseca, Lote 1

7005-841 Évora, Portugal

Lisbon Office

Fórum Tecnológico - LISPOLIS

Rua Cupertino Miranda, nº 7, 1º Andar

1600-545 Lisboa, Portugal

+351 914 465 058

aed@aedportugal.pt

www.aedportugal.pt