

# CLUSTER NETWORK MEMBERS



CLUSTER PORTUGAL

AERONAUTICS, SPACE AND DEFENCE

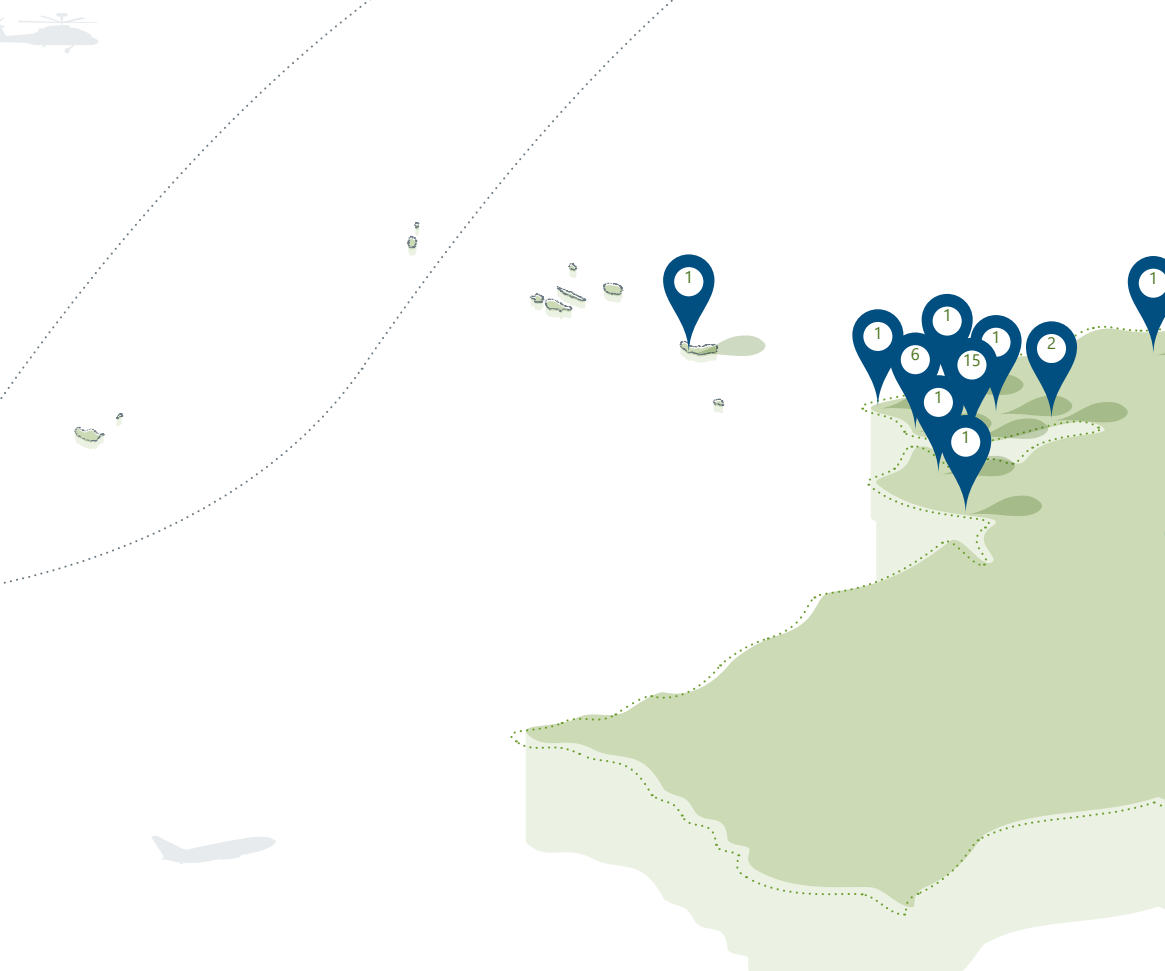


# THE CLUSTER

**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.**



INDUSTRY



I&D CENTRES  
AND UNIVERSITIES



SYSTEMS  
AND TIC



+140  
MEMBERS



87%  
EXPORTATION



18.500  
JOBS



1.93 MME  
TURNOVER





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

## 630 AEROSPACE



Global leaders in the repair and overhaul of aircraft airframe and engine components.

[www.630aerospace.com](http://www.630aerospace.com)

## A360



First Portuguese Purchasing & Procurement Platform for Aerospace, Space and Defence...

[www.a360global.com](http://www.a360global.com)

## ABSANT TRAINING



Consultancy and Training for Civil Aviation

[www.absant-group.pt](http://www.absant-group.pt)

## ACTIVE SPACE TECHNOLOGIES



Structures, Mechanisms, Condition Based Maintenance systems for aerospace

[www.activespacetech.com](http://www.activespacetech.com)

## AEPS EUROPA



Aircraft Expertise, Fleet Technical Management, Airworthiness Consulting...

[www.aeps.ltd](http://www.aeps.ltd)

## AERNNOVA



Design and Manufacturing of aerostructures and components

[www.aernnova.com](http://www.aernnova.com)

## AEROHELICE



Propeller Maintenance, repair and overhaul

[www.aerohelice.com](http://www.aerohelice.com)

## AEV - SUMMER SCHOOL



Scientific Dissemination and Applied Research

[www.aev-associacao.pt](http://www.aev-associacao.pt)

## AFIPRE



High Precision Cutting Tools

[www.afipre.pt](http://www.afipre.pt)

## AICEP GLOBAL PARQUES



Procurement and consulting services; Management of business parks

[www.globalparques.pt](http://www.globalparques.pt)

## AICOX SOLUÇÕES



Satellite Communications, IT, Mobile Communications and Defence and Security solution

[www.alphac2.pt](http://www.alphac2.pt)

## AIR OLESA



Moulds; Special Tools; Precision Machining; Special Parts

[www.airolesa.pt](http://www.airolesa.pt)

## AIRBUS ATLANTIC PORTUGAL



New global champion for Airbus; Sustainable Aviation Industry

[www.airbus.com](http://www.airbus.com)

## AKKODIS



Global digital engineering company and Smart Industry leader

[www.akkodis.com](http://www.akkodis.com)

## ALLIO GROUP



Design and manufacture of light and heavy; primary part toolings, assembly jigs, checking fixtures...

[www.allio-group.com](http://www.allio-group.com)

## ALMADESIGN



Industrial design in Aeronautics and Land transport systems; Design Management

[www.almadesign.pt](http://www.almadesign.pt)

## ATLAR



Advanced computing solutions for Big-data and Big Science...

[www.atlar.pt](http://www.atlar.pt)

## AVP - AERO VOO DE PORTUGAL



MRO Components, Authorized Repair Facility

[www.avp.com.pt](http://www.avp.com.pt)

## BEINTEC



Industrial Engineering, Concept & Functional Models Production, Advanced Manufacturing...

[www.beintec.pt](http://www.beintec.pt)

## BEYOND COMPOSITE



Dedicated to the field of Advanced Composite Materials

[www.beyondcomposite.pt](http://www.beyondcomposite.pt)



## BEYOND GRAVITY



Supplier of structures for all types of launch vehicles, selected satellite products

[www.beyondgravity.com](http://www.beyondgravity.com)

## BEYOND VISION



Drones, AI and Computer Vision and Cloud Platform

[www.beyond-vision.pt](http://www.beyond-vision.pt)

## BLUE OASIS



Working towards Ocean's Sustainability: R&D; Technical Consultancy; Industry 4.0

[www.blueoasis.pt](http://www.blueoasis.pt)

## C2TN



R&D, Consultancy, Advanced Training and others, in Nuclear Sciences and Technologies

[www.c2tn.tecnico.ulisboa.pt](http://www.c2tn.tecnico.ulisboa.pt)

## CABLOTEC



Specialized wiring; Overmoulding and mechanical, electrical and electronic systems

[www.cablotec.com](http://www.cablotec.com)

## CAETANO AERONAUTIC



Production and Assembly of Metallic Composites

[www.caetanoaeronautic.pt](http://www.caetanoaeronautic.pt)

## CCG



Research and Technological Development

[www.ccg.pt](http://www.ccg.pt)

## CEIIA



Innovative products R&D for the Mobility industries

[www.ceiia.com](http://www.ceiia.com)

## CELESTIA PORTUGAL



High-Tech company delivering engineering services to the Aerospace industry

[www.celestia-portugal.pt](http://www.celestia-portugal.pt)

## CENFORTEC



Training center specializing in aircraft maintenance Part 147.

[www.ceiia.com](http://www.ceiia.com)

## CISTER



Research Centre in Real-Time & Embed Computing Systems

[www.cister.isep.ipp.pt](http://www.cister.isep.ipp.pt)

## CODI



3D Digitalization and Printing; Industrial Design and Engineering

[www.codi.pt](http://www.codi.pt)

## COFICAB



Electrical Cables for the Automotive and Aerospace industry

[www.coficab.pt](http://www.coficab.pt)

## CONNECTED



[www.connected.space](http://www.connected.space)

## CONTROLAR



Test Systems, Automation Systems, Auto.ID and Aerospace & Defence

[www.controlar.com](http://www.controlar.com)

## CRITICAL SOFTWARE



Software architecture, development and certification

[www.criticalsoftware.com](http://www.criticalsoftware.com)

## CWST



Metal surface specialists. Aerospace & Industrial, Defense Electronics and Naval & Power

[www.curtisswright.com](http://www.curtisswright.com)

## DEIMOS



Space system engineering; Earth Observation

[www.deimos.com.pt](http://www.deimos.com.pt)

## DISTRIM 2



High-speed control and machining equipment for the aviation industry

[www.distrim2.pt](http://www.distrim2.pt)

## D-ORBIT



Satellite manufacturing, cubesat deployers, de-commissioning devices

[www.dorbit.space](http://www.dorbit.space)

# AEDCP MEMBERS



Aeronautics



Space



Defence

## DRAGONFLY



Imaging Satellites and Payloads

[www.dragonflyaerospace.com](http://www.dragonflyaerospace.com)

## DURIT COATINGS



High Performance Coatings and Surface Treatments

[www.duritcoatings.pt](http://www.duritcoatings.pt)

## EDAETECH



Complex metal parts production

[www.edaetech.pt](http://www.edaetech.pt)

## EID



High-tech industry: Electronics, Communications and Command & Control

[www.eid.pt](http://www.eid.pt)

## EMBRAER



Commercial, Executive and Military Aircraft

[www.embraer.com](http://www.embraer.com)

## EMMAD



Technical Wood Packaging

[www.emmad.com](http://www.emmad.com)

## ENARTIN



Engineering, Manufacturing, Assembly & Testing Mechanical Ground Support Equipment

[www.enartin.com](http://www.enartin.com)

## ENGENHOTEC



Product Engineering and Prototyping

[www.engenhotec.com](http://www.engenhotec.com)

## ETI



Training & Test solutions for Defence and Aeronautics

[www.eti.pt](http://www.eti.pt)

## FEDEX EXPRESS



Express Delivery Services

[www.tnt.com](http://www.tnt.com)

## FIBRENAMICS



Institute for Innovation in Fiber and Composite Materials

[www.fibrenamics.com](http://www.fibrenamics.com)

## FOCO AERONAUTICAL



Design (aircraft decal and signs); Industrial print

[www.foco aeronautical.com](http://www.foco aeronautical.com)

## FOSSA SYSTEMS PORTUGAL



Accessible IoT and Space Technologies, boosting sustainability and op. efficiency

[www.frezitehp.com](http://www.frezitehp.com)

## FHP - FREZITE HIGH PERFORMANCE



Design, Manufacturing, Testing and Integration of Mechanical and Thermal Hardware

[www.frezitehp.com](http://www.frezitehp.com)

## FMT - FREZITE TOOLING SYSTEMS



Full-service Tooling Supplier

[www.fmttooling.com](http://www.fmttooling.com)

## GEOSAT



Geoinformation, Earth Observation, Small Satellites

[www.geosat.space](http://www.geosat.space)

## GMV



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

[www.gmv.com](http://www.gmv.com)

## GRUPO AMPER



Leader in Technology and Engineering for the Aerospace, Defense, Communications...

[www.grupoamper.com](http://www.grupoamper.com)

## HYPERMETAL



Metal Additive Manufacturing

[www.hypermetal.eu](http://www.hypermetal.eu)

## IBERMICRA



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

[www.ibermicra.pt](http://www.ibermicra.pt)



## IBEROMOLDES



Engineering Services; Moulds and Tools

[www.iberomoldes.pt](http://www.iberomoldes.pt)



## IDMEC (IST)



Institute of Mechanical Engineering

[www.idmec.ist.utl.pt](http://www.idmec.ist.utl.pt)



## IFA-TRAINING



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

[www.ifa-training.com](http://www.ifa-training.com)



## IMAGINARY CLOUD



Software Development for Digital Acceleration

[www.imaginarycloud.com](http://www.imaginarycloud.com)



## INCOME F



Metalworking, Automation, Robotics and Artificial Vision

[www.incomef.com](http://www.incomef.com)



## INDRA



Military platforms; Defence systems; Security; Space; Cyberdefence

[www.indracompany.com](http://www.indracompany.com)



## INEGI



R&T for Mechanical and Industrial

[www.inegi.pt](http://www.inegi.pt)



## INESC TEC



Institute for Systems and Computer Engineering, Technology and Science

[www.inesctec.pt](http://www.inesctec.pt)



## INOV INESC



R&D in Information and Communications, Technology and Electronics

[www.inov.pt](http://www.inov.pt)



## IPL - CDRSP



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

[www.cdrsp.ipleiria.pt](http://www.cdrsp.ipleiria.pt)



## IPN



R&D, Tech-based Business Incubation & Acceleration

[www.ipn.pt](http://www.ipn.pt)



## IPS



Higher Education Institute

[www.ips.pt](http://www.ips.pt)



## ISEC LISBOA



Higher Education Institute

[www.iseclisboa.pt](http://www.iseclisboa.pt)



## ISQ



Engineering, Testing, Technical Inspections and Research and Development

[www.isq.pt](http://www.isq.pt)



## ISR (IST)



Institute for Systems and Robotics

[welcome.isr.tecnico.ulisboa.pt](http://welcome.isr.tecnico.ulisboa.pt)



## IT - INST. TELECOMUNICAÇÕES

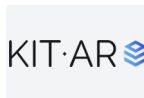


Research and Development in the field of Telecommunications

[www.it.pt](http://www.it.pt)



## KIT-AR



Advanced AR System for Smart Manufacturing

[www.kit-ar.com](http://www.kit-ar.com)



## KRISTALTEK



Precision Machining by Milling and Turning

[www.kristaltek.pt](http://www.kristaltek.pt)



## LAROCHE



Engineering; Manufacturing and Services

[www.laroche-group.com](http://www.laroche-group.com)



## LAUAK



Sheet metal working; Mechanical engineering; Assembly of structures

[www.groupe-lauak.com](http://www.groupe-lauak.com)



# AEDCP MEMBERS



Aeronautics



Space



Defence

## LEITEK



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

[www.leitek.com](http://www.leitek.com)

## LUSOSPACE



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

[www.lusospace.com](http://www.lusospace.com)

## LUZA GROUP



Customized engineering and technology solutions

[www.luzagroup.com/ptp/](http://www.luzagroup.com/ptp/)

## MDS



Insurance/reinsurance Broking and risk consultancy

[www.mdsinsure.com](http://www.mdsinsure.com)

## MECACHROME



Specialist in Precision Machining of Hard Materials

[www.mecachrome.com](http://www.mecachrome.com)

## MEDITOR DAS



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

[www.m-das.com](http://www.m-das.com)

## MESA



MRO Line & Base Solutions for Civil Aviation

[www.mesa.aero](http://www.mesa.aero)

## MOTOFIL AERONAUTICS SYSTEMS



Tooling, Machining and Assembly

[www.grupomotofil.com](http://www.grupomotofil.com)

## MUNICIPALITY OF CASTELO BRANCO



Local Government

[www.cm-castelobranco.pt](http://www.cm-castelobranco.pt)

## MUNICIPALITY OF ÉVORA



Local Government

[www.cm-evora.pt](http://www.cm-evora.pt)

## MUNICIPALITY OF OEIRAS



Local Government

[www.cm-oeiras.pt](http://www.cm-oeiras.pt)

## MUNICIPALITY OF PONTE DE SOR



Local Government

[www.cm-pontedesor.pt](http://www.cm-pontedesor.pt)

## MUNICIPALITY OF SEIA



Local Government

[www.cm-seia.pt](http://www.cm-seia.pt)

## NAV



Software Expertise, Industry 4.0 Digital Transformation

[www.nav.pt](http://www.nav.pt)

## NAVAL ROCHA



Integrated services for Naval Shipping

[www.navalrocha.pt](http://www.navalrocha.pt)

## NEXTEAM



Precision Mechanics; Machining Technologies for Cemented Carbide

[www.nexteam-group.com](http://www.nexteam-group.com)

## NOVACABLE



Manufacture and Assembly of wiring harnesses

[www.novacable.pt](http://www.novacable.pt)

## OGMA



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

[www.ogma.pt](http://www.ogma.pt)

## OMICRON



Turn-key Solutions within the Aviation Industry Project Management

[www.omicron-es.com](http://www.omicron-es.com)

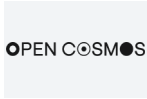
## OMNIDEA



Space Technologies and Energy Systems

[www.omnidea.net](http://www.omnidea.net)

## OPEN COSMOS



Satellites and AI-Powered Data Analysis

[www.open-cosmos.com](http://www.open-cosmos.com)

## OPTILINK



Optical Cable Assembly

[www.optilink.pt](http://www.optilink.pt)

## OPTIMAL



Engineering and Manufacturing of composite components

[www.optimal.pt](http://www.optimal.pt)

## ORION TECHNIK



Maintenance and Engineering

[www.orienttechnik.com](http://www.orienttechnik.com)

## PARIS SAINT DENIS AERO PORTUGAL



Distribution of Metallurgical Products

[www.psd aero.com](http://www.psd aero.com)

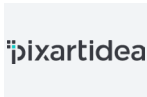
## PIEP



R&D in technologies for the polymer engineering field

[www.piep.pt](http://www.piep.pt)

## PIXARTIDEA



Industrial and Product Design

[www.pixartidea.com](http://www.pixartidea.com)

## PROCUT



High Performance cutting solutions and Tool Management

[www.procutps.pt](http://www.procutps.pt)

## QOE ASSOCIATES



Optimising Human Performance in Industries and complex systems

[www.qoeassociates.com](http://www.qoeassociates.com)

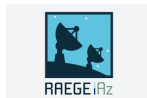
## QSR



Consulting; Human Capital Management; R&D

[www.qsr.consulting](http://www.qsr.consulting)

## RAEGE



Management of the space activities in Azores

[www.raege-az.pt](http://www.raege-az.pt)

## RDT ENGINEERS



Innovating and developing high technology engineering solutions

[www.rdt ingenieros.com](http://www.rdt ingenieros.com)

## RICARDO & BARBOSA



Mechanical Mold and Tool Maker

[www.ricardo-barbosa.com](http://www.ricardo-barbosa.com)

## SATYS



Aerospace: Painting, Sealing and Surface Treatment

[www.satys.com](http://www.satys.com)

## SINUTA FCE



Tailored progressive cutting and stamping

[www.sinutafce.pt](http://www.sinutafce.pt)

## SISTRADE



Software Expertise, Industry 4.0 Digital Transformation

[www.sistrade.com](http://www.sistrade.com)

## SMARTENERGY



Driving force in the energy transition

[www.smartenergy.net](http://www.smartenergy.net)

## SODARCA



Equipment, systems solutions and technology platforms

[www.sodarcadefense.com](http://www.sodarcadefense.com)

## SOFT SEGMENT



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

[www.softsegment.eu](http://www.softsegment.eu)

## SOLFAESTOFO



Refurbishment of Aircraft Interiors

[www.solfaestofoto.pt](http://www.solfaestofoto.pt)

# AEDCP MEMBERS



Aeronautics



Space



Defence

## SOLINTEP



Solutions for International Engineering Projects Management

[www.solintep.com](http://www.solintep.com)

## SPACENGINEER



New customized impact absorption solutions

[www.spacengineer.com](http://www.spacengineer.com)

## SPEEDBIRD AERO



Unmanned Air Logistics

[www.speedbird.aero](http://www.speedbird.aero)

## SPIN.WORKS



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

[www.spinworks.pt](http://www.spinworks.pt)

## SYNOPSIS PLANET



Development of Optics and Photonics Hardware Solutions for high-end Space Applications

[www.synopsisplanet.com](http://www.synopsisplanet.com)

## TBW



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

[www.trainbywire.com](http://www.trainbywire.com)

## TEKEVER



Provider of UAVs, satellites, communication systems and related technologies

[www.tekever.com](http://www.tekever.com)

## THALES



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

[www.thalesgroup.com](http://www.thalesgroup.com)

## TRISOLARIS



Advanced Hardware and Robotic Components

[www.trisolaris.com](http://www.trisolaris.com)

## UAVISION



Development and Production of unmanned Systems and Subcomponents

[www.uavision.com](http://www.uavision.com)

## UNINOVA



Scientific research, Technical development, Advanced training, and Education

[www.uninova.pt](http://www.uninova.pt)

## UNIVERSITY ATLANTICA - E.I.A



Higher Education Institute

[www.uatlantica.pt](http://www.uatlantica.pt)

## UNIVERSITY LUSOFONA



Higher Education Institution

[www.ulusofona.pt](http://www.ulusofona.pt)

## UNIVERSITY OF BEIRA INTERIOR



Higher Education Institution

[www.ubi.pt](http://www.ubi.pt)

## UNIVERSITY OF AVEIRO



Higher Education Institution

[www.ua.pt](http://www.ua.pt)

## UNIVERSITY OF COIMBRA



Higher Education Institution

[www.uc.pt](http://www.uc.pt)

## UNIVERSITY OF ÉVORA



Higher Education Institution

[www.uevora.pt](http://www.uevora.pt)

## UNIVERSITY OF PORTO - FEUP



Higher Education Institution

[www.fe.up.pt](http://www.fe.up.pt)

## VERA NAVIS SHIP DESIGN



Naval architecture and marina engineering services

[www.veranavis.com](http://www.veranavis.com)

## VISION SPACE



Enterprise-level solutions for satellite missions

[www.visionspace.com](http://www.visionspace.com)

## VORTEX COLAB



research in Cyber-physical systems & Cybersecurity

[www.vortex-colab.com](http://www.vortex-colab.com)

## WAVECOM



Software Expertise, Industry 4.0 and Digital Transformation

[www.wavecom.pt](http://www.wavecom.pt)



ZEENTECH



Development of Entities and  
Investment in Brands Specialized  
in High-Tech and Digital Solution

[www.zeentech.com](http://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

