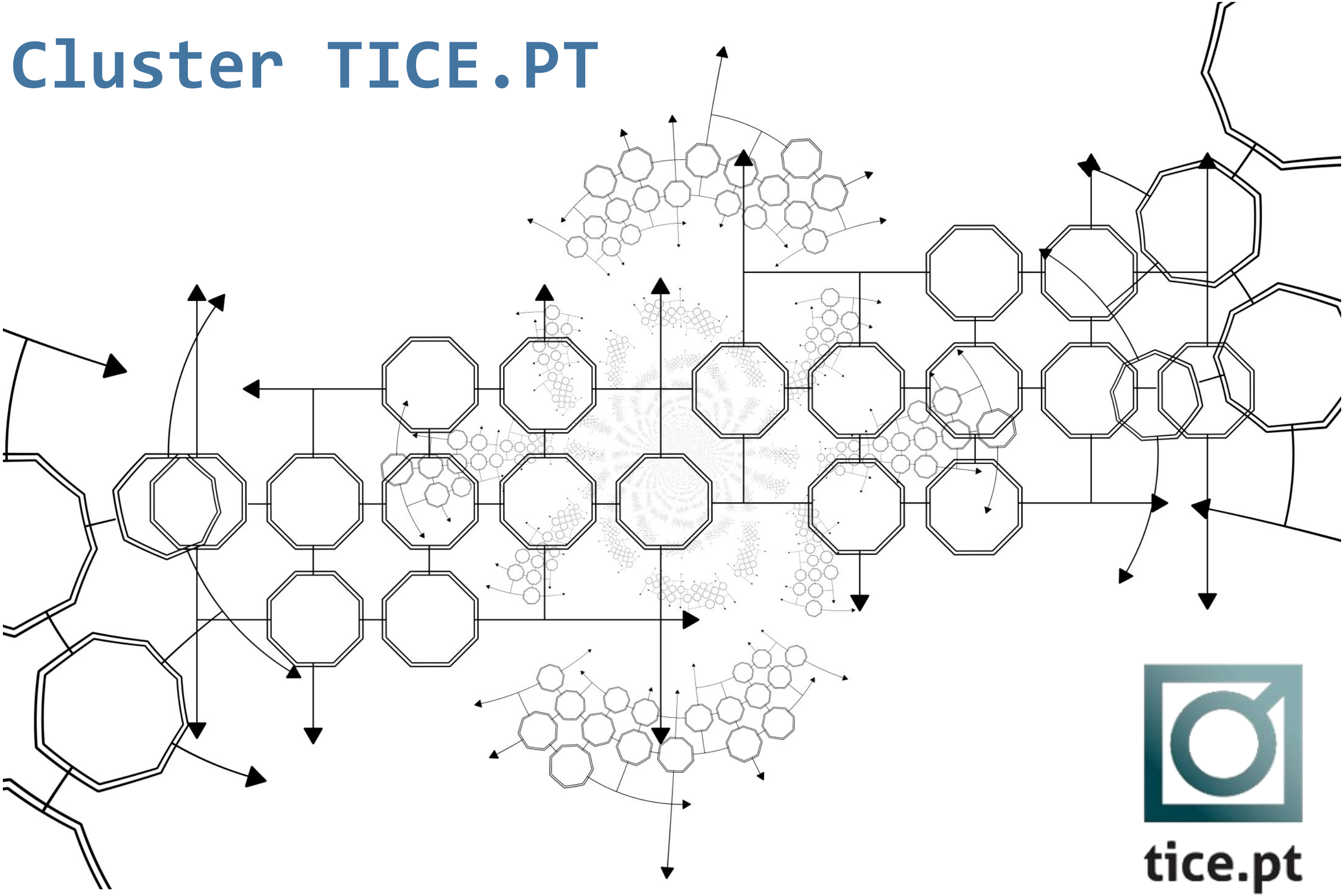
Cluster TICE.PT



tice.pt

MISSION

Build a collaborative platform engaging and mobilizing the main actors of ICTe sector, fostering the processes of innovation, R&DT, knowledge transfer, advanced training, development, production and commercialization of products and services, marketing and internationalization.

VISION

Making Portugal a world reference in the ICT sector – Information, Communication and Electronics Technologies.

Cluster TICE.PT has the competences of **agglutinating efforts for innovation, promoting internationalization in ICTe areas** and representing these activities; the Cluster will put its experience at the **service of the valorisation and dissemination of the technologies designed and the results obtained**.

MATRIZ ESTRATÉGICA

AREAS BASE

- TELECOMUNICAÇÕES
- SOFTWARE
- SISTEMAS DE INFORMAÇÃO

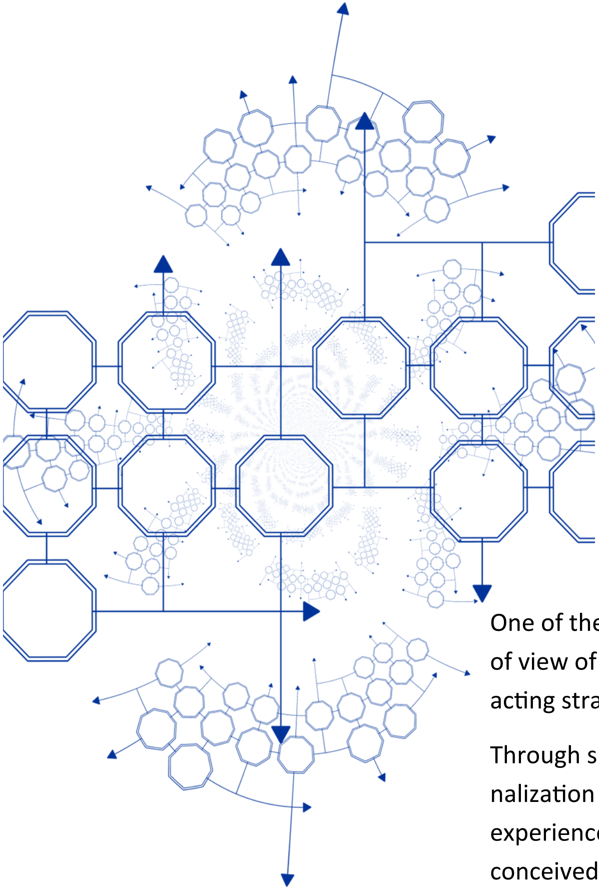
VERTICAL AREAS

- INDUSTRIA 4.0
- AGRICULTURA
- MOBILIDADE
- CIDADES INTELIGENTES
- 5G
- SAUDE
- MAR
- RETALHO
- MEDIA
- SOFTWARE
- DRONES
- OPEN

AREAS TRANSVESAL

- INTERNET DO FUTURO
- FORMAÇÃO E QUALIFICAÇÃO
- INTERNACIONALIZAÇÃO

AREAS OF EXPERTISE



Cooperation
networking
internationalization
Business development
Innovation
Human Resource Development
Visibility and Communication

One of the main activities of the cluster is **Looking at the Territory** – from the point of view of economic activities – and bringing together a set of consortia capable of acting strategically to develop economic activities with added value.

Through skills of agglutination of efforts for innovation, dynamization of internationalization in ICTe areas and representation of these activities, TICE.PT will put its experience at the service of the valorisation and dissemination of the technologies conceived and the results obtained.

Strategic Axes: Sectoral Pacts for Competitiveness and Internationalization

In 2019, Cluster TICE.PT signed the Sectorial Pact for Competitiveness and Internationalization between the Portuguese Government and IAPMEI. This Pact aims to frame a set of initiatives of the Cluster's strategic plan with the current challenges of the national economy. TICE.PT will make its contribution, mobilizing the agents of its value chain (companies, research and technological interface centres, associations and other entities) in a dynamic of innovation and competitiveness promotion in accordance with the objectives defined in its strategic plan and the measures included in its Competitiveness and Internationalization Pact signed with the Portuguese Government in favour of the national economy.

AXIS 1 Digital Transformation

Objetive: Contribution to the digital transformation of the economy

AXIS 2 Training, Requalification of Human Resources and Employment

Objetive: Identify present and future needs in terms of skills, aiming to retrain professionals for the sector

Strategic Axes: Sectoral Pacts for Competitiveness and Internationalization

AXIS3 Research, development, innovation and entrepreneurship

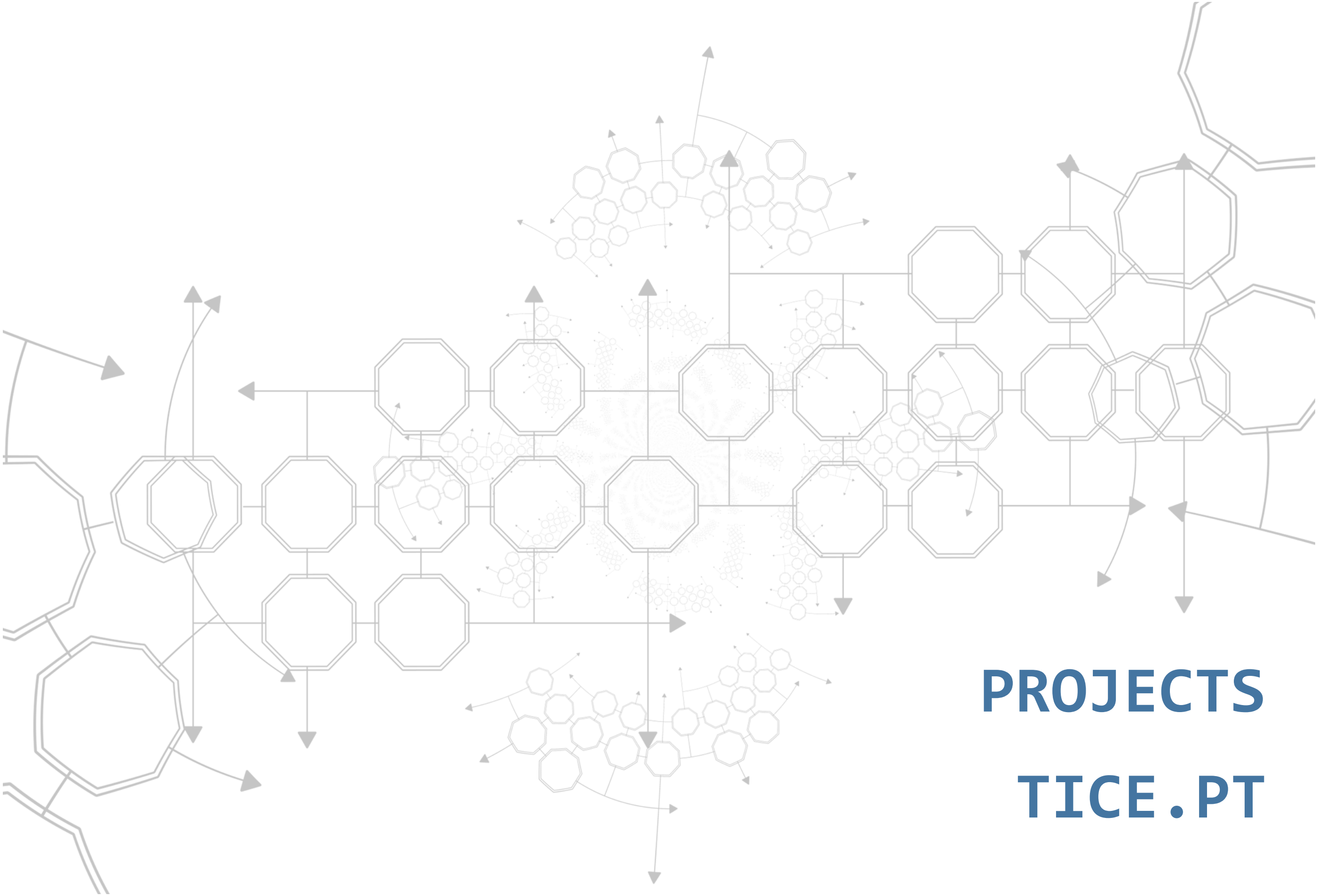
Objetive: To promote and support investment in R&D, innovation and entrepreneurship and increase national participation in international R&D support programs

AXIS 4 Internationalization of companies in the sector

Objetive: Increase the visibility of the sector externally and identify opportunities for internationalization/export/investment capture

AXIS 5 Interfaces with the environment

Objective: Identify areas of regulation/standardization with an impact on the sector's competitiveness



PROJECTS

TICE.PT

INTERNATIONAL PROJECTS

Interreg
España - Portugal

iotec

2017—2021

The **IoTEC** project aims to create a network of scientific and technological actors with relevant experience in IoT (Internet of Things) topics, including the Spanish Region of Castilla Y León and the Portuguese Central Region. This network will make it possible to: Create new knowledge and train qualified personnel in IoT R&I and promote technology and knowledge transfer processes; Promoting IoT RD&I among companies (especially in the industrial domains) will focus in particular on ICT SMEs and innovative industrial companies and facilitate future value-added IoT projects and facilitate the spread of IoT technologies.

The aim of the **DIHUB** project is to develop an interconnected development service model (platform) and a network based on cloud and mobile technologies (4G/5G) across Europe. In the developed model, the latest cloud and mobile technology tools can be used for practical learning sessions, innovative cooperation and for innovative development of pilot projects for professional excellence and companies. Five digital innovation hubs for cloud-based services will be created in different locations across Europe.

DIHUB

Cofinanciado pelo
Programa Erasmus+
da União Europeia

2019—2021

Interreg
España - Portugal

DIGITEC

2019—2021

The **DIGITEC** Project seeks to improve research and innovation infrastructures (R&I) and the ability to develop with excellence in the issue of (R&I) and the promotion of training centres, especially those of European interest.

The general objective of the DIGITEC project is to generate a network of technical and technological actors between the regions of Castile and Leon and the Center of Portugal.

MOBILIZING PROJECTS

The **5G** project aims to develop products and services that will be an integral part of a new generation of mobile communications and should be able to operate in this new network paradigm, creating innovative solutions worldwide, with a view to the global market.

These products will provide basic 5G technological support for vertical environments, and will enhance the development of 5G services and products for the IoT areas and 5G products and services for broadband multimedia transmission.

2018—2021

ActiVas will make it possible to implement and validate an assisted environment based on a pilot that will integrate developed solutions, intervening in several aspects: support to the proximity care network; promotion of human functionality through physical and cognitive stimulation; interaction of the built space through its digitization using Augmented Reality; development of new materials or adaptation of existing material processes that allow the integration of sensors used by home automation solutions; development of adaptive and transformable modular structures; integration of sensory systems, monitoring, furniture and equipment in new or existing solutions of prefabricated modular building systems, allowing the rapid mutation of the set or isolated element and responding to programmatic premises or specific human needs.

2020—2023

PROJETOS MOBILIZADORES

The **CityCatalyst** project's main objective is to promote an integrated, more efficient and effective urban management, and a catalyst for innovation and sustainable development through specific contributions to the implementation and interoperability of urban platforms. It is intended to facilitate management processes through a holistic, decentralized and participatory view of the city, based on data generated by the city itself as a whole. In this sense, it is essential to share knowledge and public infrastructure, and to stimulate academia, citizens, the business community and municipalities in the construction of adequate solutions.

2020—2023

The **Augmented Humanity** Project consortium aims to anticipate the future by developing user-friendly, immersive and supportive technologies in industrial production environments. Through a coordinated strategy between industrial partners and research centers, for the development of relevant technologies and tools that make industrial processes more efficient, less impactful on workers' health, reduce risk and prepare and adapt both processes and human resources for the new digitization paradigms – Industry 4.0.

2020—2023

Cluster
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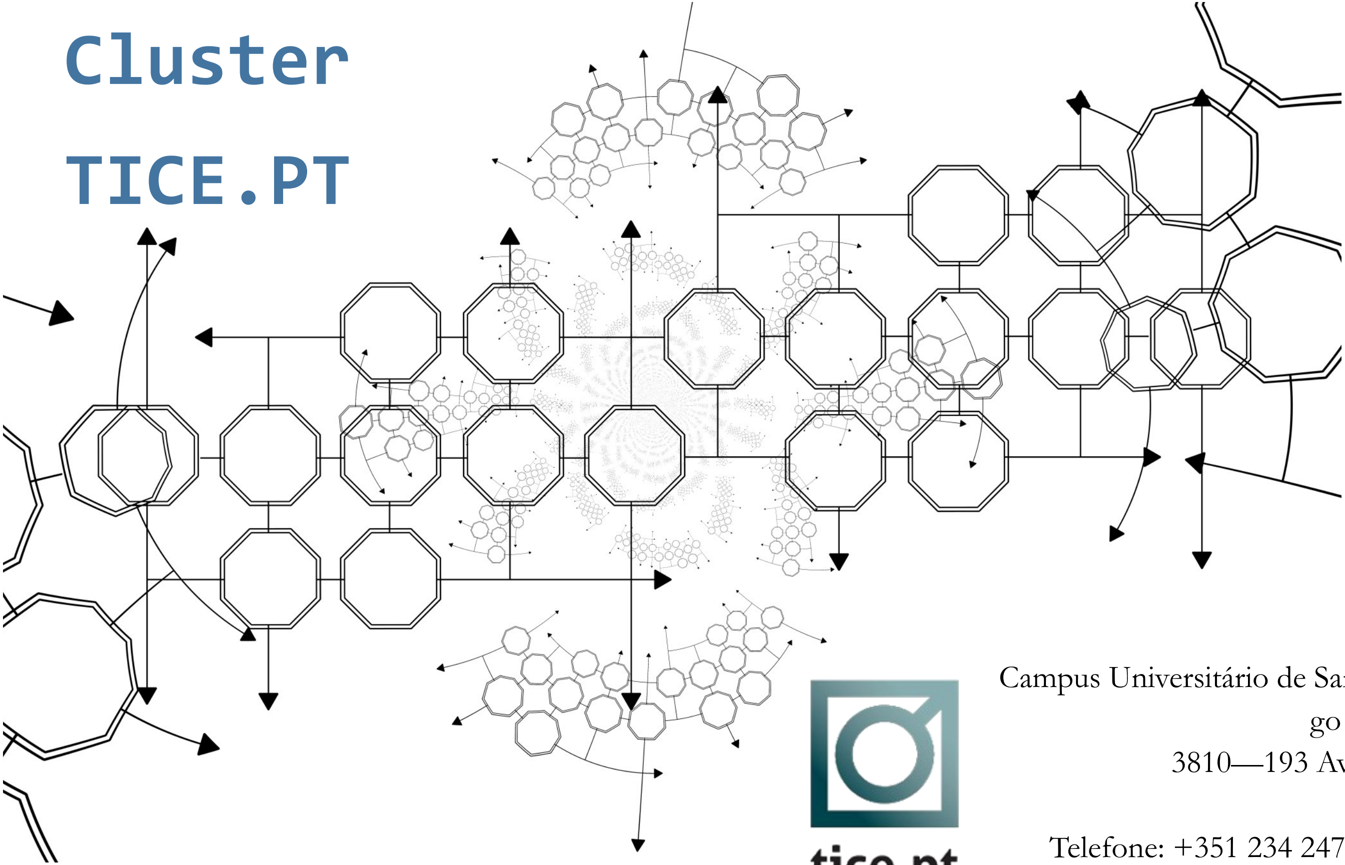

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