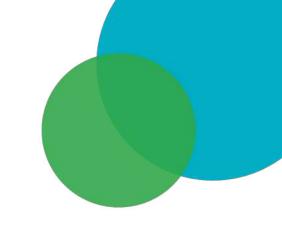


# ABOUT FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA (FCT)





**FCT** is the Portuguese national funding agency for science and research

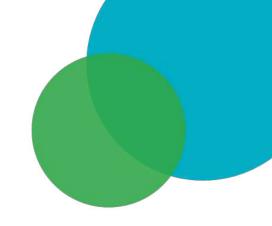
FCT is a **public funded government agency**, under the responsibility of the Ministry for Science, Technology and Higher Education

#### FCT's vision

- To support Portugal as a reference for research and innovation
- To ensure knowledge generated by scientific research underpins social and economic development







#### **FCCN UNIT**



#### WHO WE ARE?

FCCN is the Scientific Computing Unit of FCT, which aims to contribute to the development of Science, Technology and Knowledge in Portugal.

We provide a set of shared digital services that aim to support the development of education and science in Portugal, contributing to the excellence of national education and research.

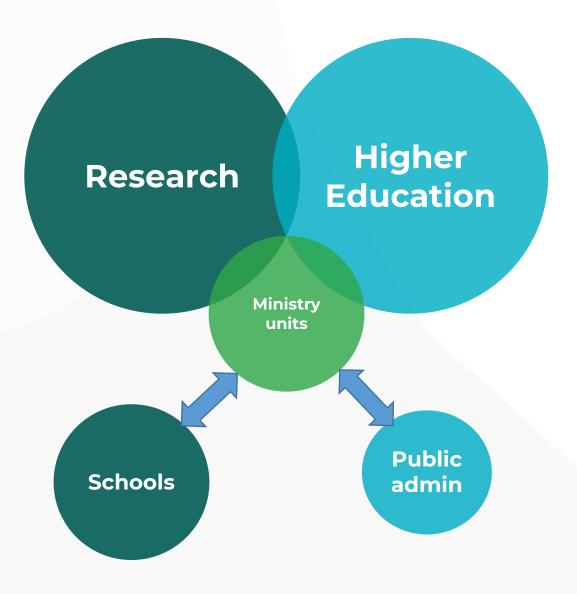
We provide high-speed Internet connectivity and IT services to the Portuguese higher education and research system.

We are committed to providing common, replicable and shareable solutions to meet the needs of our user community.





#### **COMMUNITIES**









#### **PILLARS**



• Connectivity



• Computing



· · · Colaboration



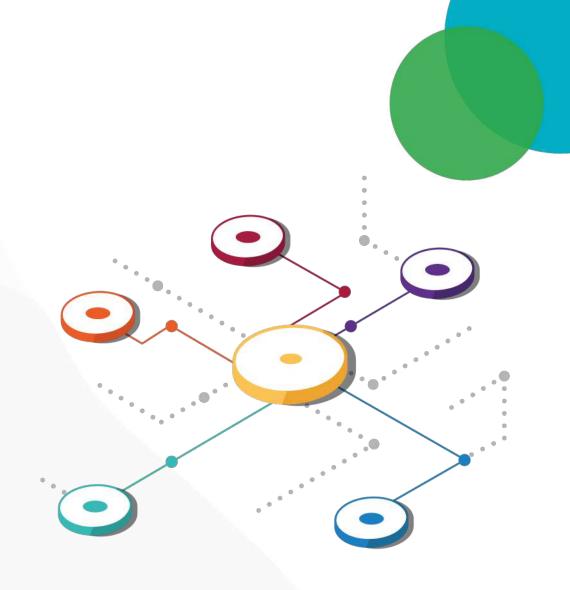
··· Knowledge



• Security

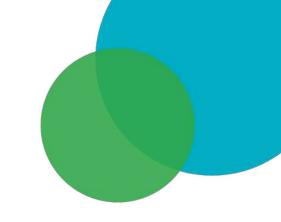


Innovation









## CONNECTIVITY





### CONNECTIVITY





















# RCTS

**Optical fibre pairs** 

2 484 Km

Optical fibre cables

1000 km

**Active coonnections** 

+ 250

**Installed capacity** 

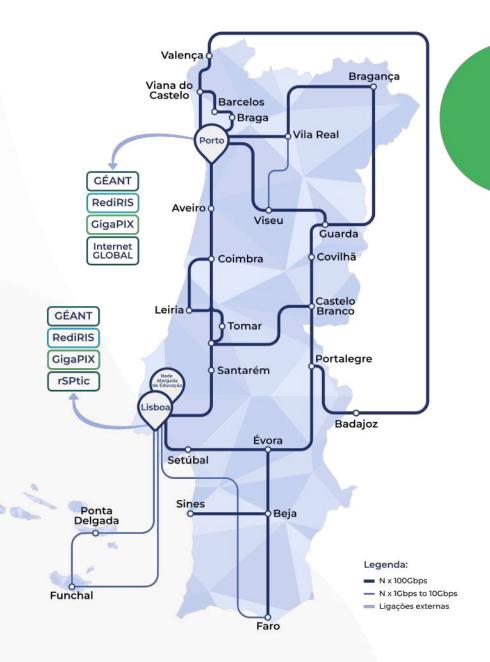
6.4 Tbps

**Peerings** 

+ 50

Network Operations Centre (NOC)

24x7









# COMPUTING





#### **COMPUTING**











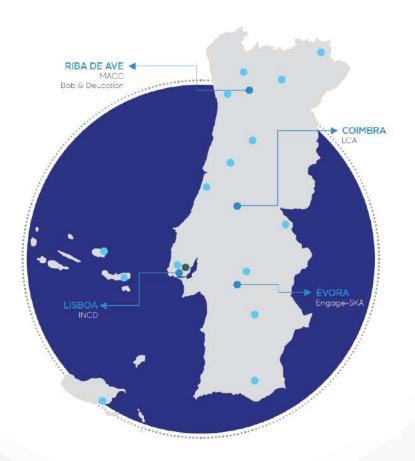
2xLisboa (100+200m2) 1x Porto (30m2)



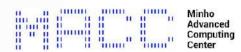


#### **COMPUTING**





#### **Operational Centres**:











#### **Competence Centres:**

- Universidade de Trás-os-Montes e Alto Douro
- Universidade do Porto
- Universidade de Aveiro
- Universidade da Beira Interior
- IST Universidade de Lisboa
- Universidade do Algarve





### COLABORATION





#### COLABORATION























#### **KNOWLEDGE**















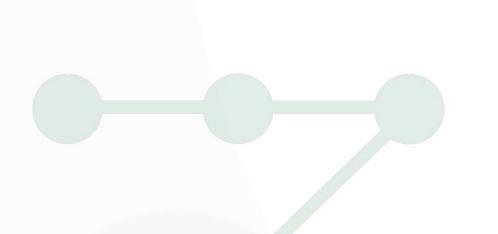


















#### **SECURITY**



























# **RCTS100**





















