

Santiago de Compostela, November 2010

Carmen Cotelo Queijo

(Applications Technician, Galicia Supercomputing Centre)











Science and Technology Infrastructures (ICTS)

- Initiative of the Spanish Ministry of Science and Innovation.
- Unique infrastructures that are totally or partially open to use by the entire scientifictechnological and industrial community, both national and international.
- Require very heavy investment in order to be built and maintained, and to pursue their objective of making progress in experimental science and technological development.
- The ICTS "label" is informed by several independent committees of experts, within them, point out the Advisory Committee for Unique Infrastructures (*CAIS*).











Source: Libro ICTS (MICINN)

- Carry out research projects.
- Acquire knowledge.
- Get training in technologies and in use at the premises.











Source: Libro ICTS (MICINN)

- Carry out research projects.
- Acquire knowledge.
- Get training in technologies and in use at the premises.











Source: Libro ICTS (MICINN)

- Carry out research projects.
- Acquire knowledge.
- Get training in technologies and in use at the premises.











Source: Libro ICTS (MICINN)

- Carry out research projects.
- Acquire knowledge.
- Get training in technologies and in use at the premises.











Where?













- 20% of capacity available to scientific and technological community.
- Technical and Administrative Support Access.
- Public Access Protocol.











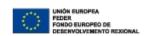
- 20% of capacity available to scientific and technological community.
- Technical and Administrative Support Access.
- Public Access Protocol.











- 20% of capacity available to scientific and technological community.
- Technical and Administrative Support Access.
- Public Access Protocol.











- 20% of capacity available to scientific and technological community.
- Technical and Administrative Support Access.
- Public Access Protocol.











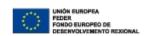
- 20% of capacity available to scientific and technological community.
- Technical and Administrative Support Access.
- Public Access Protocol.











Affiliation:

Galician Research Community and CSIC.

Public R&D institutions or non-profit private R&D centers.

Nationality or legal residence:

European Union and European Economic Area.

Member countries participate in the CYTED Programme.

Modalities:

Modality 1: Researchers working on their doctorate thesis.

Modality 2: Doctors or researchers with 3 years of proved research experience.











Remote access to Finis Terrae Supercomputer:

3.000.000 CPU hours, 20% of computational hours/year.

Storage service.

Technnical support (RT: Request Tracker).

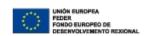












Remote access to Finis Terrae Supercomputer:

3.000.000 CPU hours, 20% of computational hours/year.

Storage service.

Technnical support (RT: Request Tracker).



In-house research visits at CESGA:

Up to 10.000 CPU hours/access.

Direct technnical and administrative support.

Contact with other research groups (synergies).













- Three public calls per year.
- Different offer of access for different calls/periods.
- After deadline proposals are sent to the External Access Committee.
- For-month periods of access.











- Three public calls per year.
- Different offer of access for different calls/periods.
- After deadline proposals are sent to the External Access Committee.
- For-month periods of access.











- Three public calls per year.
- Different offer of access for different calls/periods.
- After deadline proposals are sent to the External Access Committee.
- For-month periods of access.











- Three public calls per year.
- Different offer of access for different calls/periods.
- After deadline proposals are sent to the External Access Committee.
- For-month periods of access.











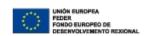
- Three public calls per year.
- Different offer of access for different calls/periods.
- After deadline proposals are sent to the External Access Committee.
- For-month periods of access.











- Three public calls per year.
- Different offer of access for different calls/periods.
- After deadline proposals are sent to the External Access Committee.
- For-month periods of access.

Next deadline:

16th December, 2010!













ICTS-CESGA: Single Access Point



CESGA - SCIENCE AND TECHNOLOGY INFRASTRUCTURE

Finis Terrae supercomputer is managed by CESGA and recently included in the Map of Science and Technology Infrastructures (in spanish ICTS). It is an integrated system of 144 shared memory nodes with a total of 20,000 GB of main memory, 390,000 GB disk and 2,580 Itanium processors.

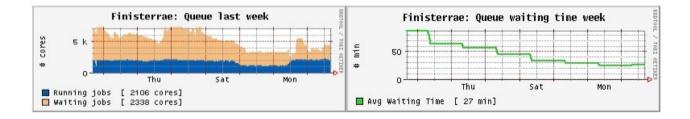
Finis Terrae was cofinanced by the Regional Government of Galicia (Xunta de Galicia), the Spanish National Research Council (CSIC) and the European Regional Development Fund (ERDF).

ACCESS - First Call for Access 2011 is open!

CESGA through periodic calls, offers access to its resources to researchers from the scientific community of EU countries, European Economic Area, countries of the CYTED program, and also to researchers with legal residence in any of these countries.

The main aim is to provide access to the researchers or research groups to CESGA's resources in order to carry out research projects, acquire knowledge or get training in technologies in use at the premises.

CESGA sets at the disposal of the ICT users 3.000.000 CPU hours, 20% of computational hours available per year of its Finis Terrae supercomputer.



FINISTERRAE

Fundación Centro de Supercomputación de Galicia, icts@cesga.es, +34 981 56 98 10

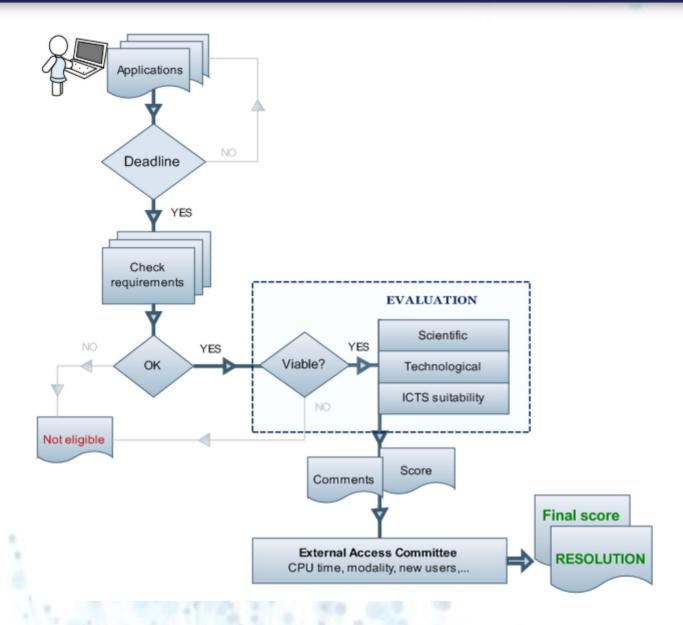






















ICTS-CESGA: 2010



MICINN, **Ref: ICTS-2009-40**

REMOTE ACCESS								
	Applications	Access	CPU time (h)					
	Applications		Prioritized	Not Prioritized	TOTAL			
Modality 1	7	7	483.000	228.000	711.000			
Modality 2	35	19	2.087.202	1.236.838	3.324.040			
TOTAL	42	26	2.570.202	1.464.838	4.035.040			



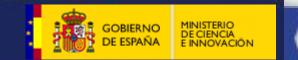








ICTS-CESGA: 2010



MICINN, **Ref: ICTS-2009-40**

REMOTE ACCESS								
	Applications	Access	CPU time (h)					
			Prioritized	Not Prioritized	TOTAL			
Modality 1	7	7	483.000	228.000	711.000			
Modality 2	35	19	2.087.202	1.236.838	3.324.040			
TOTAL	42	26	2.570.202	1.464.838	4.035.040			

RESEARCH VISITS							
	Applications	Access	Weeks	CPU time (h)			
Modality 1	4	4	18	40.000			
Modality 2	8	8	25	80.000			
TOTAL	12	12	43	120.000			









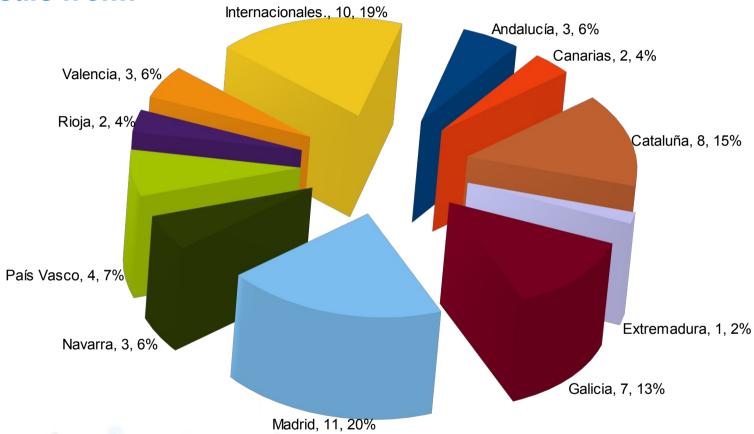


ICTS-CESGA: 2010



MICINN, Ref: ICTS-2009-40

Proposals from:













http://icts.cesga.es



Questions:

icts@cesga.es











CESGA'S ICTS EXPERIENCE

THANKS!

carmen@cesga.es









