Mission Statement

mission statement

The mission of CESGA is:

To provide high performance computing and advanced communications resources and services to the scientific community of Galicia and to the Spanish National Research Council (CSIC) as well as to institutions and enterprises with R&D activity, and

To promote and conduct high quality research in Computational Science in close collaboration with the research community of Galicia as well as other regions or countries around the world thereby contributing to the advancement of science, the transfer of technology to industry

and administrations, and as a consequence, the welfare of society as a whole.

Thus, the Centre's main functions are:

- to supply high performance computing and advanced communications services to users,
- to manage the Science and Technology Communications Network of Galicia.
- to promote and develop cooperation between companies and institutions,
- to promote the use of innovative ICT, and
- to conduct research in Computational Science.

CESGA FUNCTIONAL AREAS



| DATA STORAGE | | | | |
|-----------------|-----------------------------|--|--|--|
| RESOURCES | SERVICES | | | |
| Storage Servers | Critical Storage Systems | | | |

| COMMUNICATIONS NETWORK | | | | |
|--|---|--|--|--|
| RESOURCES | SERVICES | | | |
| RECETGA Science and Technology Network of Galicia | DNS, Hosting, Mail Servers, Mailing List, FTP, News, Mirrors, Multicast, Video- conference, MCU / Gateway, Proxycache, Network Management, Security Systems, Statistics | | | |

RTD PROJECTS

Viability Analysis, Proposal Development, Consortium Creation, Project Negotiation, Management...

TRAINING (EDUCATION)

Workshops and Training Courses for Users

DISSEMINATION

Web, Publications, Presentations, Seminars, Scientific Conferences...

| e-LEARNING & COLLABORATION TOOLS | | | | |
|--|--|--|--|--|
| RESOURCES | SERVICES | | | |
| e-Learning Room Network and e-Learning Platform, "AULA CESGA", Access Grid, Room Network | Analysis, Development, Implementation and Hosting of Solutions | | | |

| TECHNOLOGY TRANSFER & e-BUSINESS | | | | |
|---|---|--|--|--|
| RESOURCES | SERVICES | | | |
| Galicia's e-Business Leveraging Centre | Viability Analysis, Project writing, Partnerships Formation | | | |

| GEOGRAPHIC INFORMATION SYSTEMS | | | | |
|--|---|--|--|--|
| RESOURCES | SERVICES | | | |
| Map Servers, Geographical Data Bases | Analysis, Development Implantation and Lodging Solutions | | | |