

# PARADE – PARTnership for Accessing Data in Europe

White paper: <http://www.csc.fi/english/pages/parade>

**The following organizations have been contributing to PARADE:**

Astro-WISE / EURO-VO	Astronomical Wide-field Imaging System for Europe / The European Virtual Observatory
BSC	Barcelona Supercomputer Center - Centro Nacional de Supercomputacion
CINECA	Consorzio Interuniversitario
CLARIN	Common Language Resources and Technology Infrastructure
CSC	CSC – IT Center for Science Ltd.
DIFRE	Data Initiative for Fusion Research in Europe
ELIXIR	European Life Sciences infrastructure for Biological Information in Europe
EMBL	European Molecular Biology Laboratory
ENES	European Network for Earth System Modelling
EPCC	Edinburgh Parallel Computing Centre
ETHZ	Eidgenössische Technische Hochschule Zürich - Swiss National Supercomputing Centre (CSCS)
HIP	University of Helsinki
JÜLICH	Forschungszentrum Jülich GmbH
Lifewatch	e-Science and Technology Infrastructure for Biodiversity Research
NCF	Stichting Nationale Computer Faciliteiten
PDC, KTH	Parallell Dator Centrum, Den Kungliga Tekniska Högskolan
PSCN	Instytut Chemii Bioorganicznej Pan W Poznaniu
RUG	The Donald Smits Centre of Information Technology of the Universiteit Groningen/ TARGET
RZG	Rechenzentrum Garching of the Max Planck Society and the IPP
SARA	Stichting Academisch Rekencentrum Amsterdam
SNIC	Swedish National Infrastructure for Computing
STFC	Science and Technology Facilities Council
UNINETT	UNINETT Sigma AS



# Need for a strong horizontal data infrastructure

## PARADE targets

- Build a pan-European, multidisciplinary data infrastructure
- Develop and improve common data services
- Stimulate collaboration between existing data initiatives
- Raise the visibility for the crucial role of data

## Principles of work

- Focus on user community needs, not technology
- Interact with existing initiatives
- Build trust between user communities and service providers
- Integrate data with the full service portfolio for e-infrastructure



# Europe needs collaboration

- Need to prepare together for data explosion
- Need to target synergy
  - Worst case: 200 research infrastructures resulting 200 incompatible ICT silos
- Need to share workload and focus on core competencies
- Need for a strong data initiative with horizontal

