

Liste der Themen aus dem Draft-Arbeitsprogramm

Call FP7-INFRASTRUCTURES-2010-1

Support to existing research infrastructures (Integrating Activities)

Social Sciences and Humanities

- European Social Survey
- Survey of Health, Ageing and Retirement in Europe
- European Social Science Data Archives and remote access to Official Statistics
- Archives for Historical research
- Towards a European Research Infrastructure for Modelling & Methodologies
- Research Infrastructures for the study of Europe and globalization

Life Sciences

- Plant genetic Resources Centres
- Bio-NMR facilities
- Non-human primate centres
- Animal genetic Resources Centres
- Aquaculture research facilities
- Large-scale bio-banks for clinical and epidemiological studies
- Facilities for high throughput DNA sequencing and human genotyping
- High throughput facilities for proteome analysis
- Good Manufacturing Practices (GMP) facilities for advanced gene and cell therapy research

Environmental Sciences

- Research Infrastructures for Atmospheric Research
- Sites and experimental platforms for longterm ecosystem research
- Research Infrastructures for native seed conservation
- Research Infrastructures for Polar research
- Research Infrastructures for Coastal Research, including for Integrated Coastal Zone Management and Planning
- Research Infrastructures for water resource observation, water resource management, hydrological observation

Energy

- Research Infrastructures for Solar Energy: Photovoltaic Power
- Research Infrastructures for offshore renewable energy devices: ocean-, current-, wave- and wind energy
- Infrastructures for research on biomass conversion and biorefinery

Engineering

- Research Infrastructures and services for engineering and improved production processes
- Research Infrastructures for experimental hydraulic research
- Research Infrastructures for earthquake hazard

Mathematics, Computer-related Sciences, Data

- Infrastructures for Mathematics and its interfaces with science, technology and society at large
- Advanced Digital Visualisation Facilities

Analytical Facilities

- Research Infrastructure for advanced spectroscopy, scattering/diffraction and imaging of materials
- Research Infrastructures for processing, analysis and characterisation (physico-chemical properties, health and environmental impact) of engineered nanomaterials, nanoparticles and nanostructures

Physics, Astronomy, Nuclear- and Particle Physics

- Research Infrastructures for Nuclear Physics
- Detectors for future accelerators
- Research Infrastructures for dark matter search, neutrinos, gravitational waves
- Research Infrastructures for high energy astrophysics

Support to new research infrastructures (ESFRI - preparatory Phase)

- EISCAT_3D Upgrade (Upgrade of the EISCAT facility for ionospheric and space weather research)
- EPOS (Infrastructure for the study of tectonics and Earth surface dynamics)
- SIAEOS (Upgrade of the Svalbard Integrated Arctic Earth Observing System)
- ECCSEL (European Carbon Dioxide and Storage Laboratory)
- EMBRC (European marine biological resource centre)
- EU-OPENSREEN (European Infrastructure of Open Screening Platforms for chemical biology)
- EuroBioImaging (Research infrastructure for imaging technologies in biological and biomedical sciences)
- High Security BLS4 Laboratory (Upgrade of the High Security Laboratories for the study of level 4 pathogens)
- EMFL (European Magnetic Field Laboratory)
- CTA (Cherenkov Telescope Array for Gamma-ray astronomy)
- One project in the European strategy for particle physics (CERN Council)

Call FP7-INFRASTRUCTURES-2010-2

Support to existing research infrastructures (Integrating Activities)

ICT-based e-Infrastructures

- Support to existing research infrastructures
- Distributed computing infrastructure (DCI)
- Simulation software and services
- Virtual Research Communities

Support to new research infrastructures (ESFRI - implementation Phase)

- First implementation phase of the European High Performance Computing (HPC) service PRACE