



ΚΥΠΡΙΑΚΗ ΔΗΜΟΚΡΑΤΙΑ



The Project Cy-Tera (NEA ΥΠΟΔΟΜΗ/ΣΤΡΑΤΗ/0308/31) is co-financed by the European Regional Development Fund and the Republic of Cyprus through the Research Promotion Foundation

Cy-Tera and LinkSCEEM: A computational resource for Cyprus



LINKSCEEM

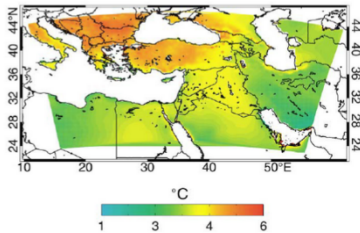
Linking Scientific Computing in Europe and the Eastern Mediterranean

The Cyprus Institute



An international research establishment, partnered with leading Institutions in the world, pursuing regional problems of global significance

- Energy, Environment and Water Research Center (EEWRC) – opened in 2007
- Science and Technology in Archaeology Research Center (STARC) – opened in 2009
- Computation-based Science and Technology Research Center (CaSToRC) – opened in 2009

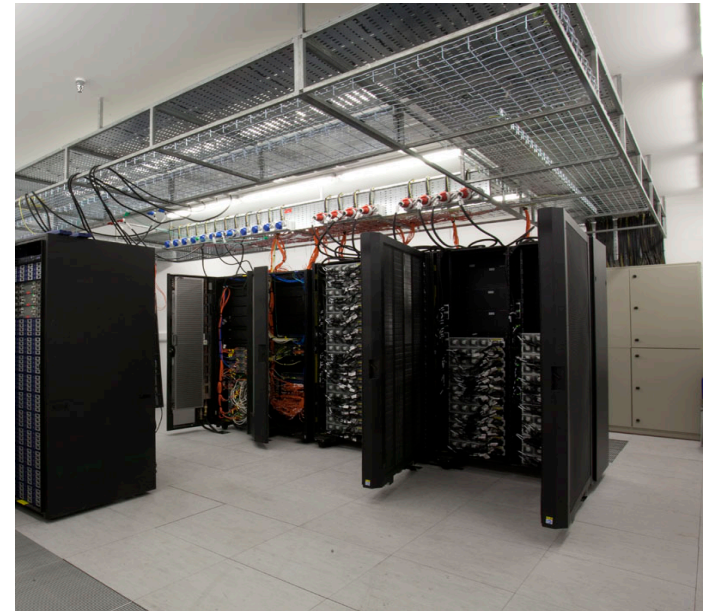


Computational-based Science and Technology Research Center (CaSToRC)



Central goal: To develop **world-class research and education in computational science** serving the Eastern Mediterranean in collaboration with other regional institutions

Development of a national High Performance Computing centre



Development of a HPC ecoSystem in Cyprus and the Eastern Mediterranean

Cy-Tera

LINKSCEEM



HPC e-infrastructure

HPC user

HPC user community training and support



Cy-Tera Strategic Infrastructure Project

- **A new research unit to host a HPC infrastructure**
 - Create infrastructure to host a HPC unit
 - Procure HPC hardware and establish operations for such system
 - Initiate research on the system

- **RPF funded project**

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Coordinator



LinkSCEEM-2 - Establish a HPC EcoSystem in the Eastern Mediterranean

- Provide **access** to HPC resources
- Provide **training** in HPC
- Raise **awareness** for HPC research tools
- Bring **international expertise** into the region



FP7 under Grant Agreement Number: 261600

