

South Eastern European Research & Education Network

The consortium

GRNET
 DANTE
 TERENA
 NIIF / HUNGARNET
 RoEduNet
 ISTF
 UoB / AMREJ
 UKIM / MARNET
 ASA / INIMA
 BIHARNET
 UoM / MREN
 PUoT
 UoT
 UpTu
 UoBL
 UoS

About SEEREN2

SEEREN2 aims at creating the next generation of the southeast European segment of GEANT, that intends to make leading-edge technologies and services available to the entire Research and Education communities and all scientific sectors without discrimination between users and sites in southeast Europe in an attempt to further ease the 'digital divide' that still separates most of the SE European countries from the rest of the continent. The central element of this infrastructure is the SE European R&E backbone network that extends, through the participating NRENs, to the end-users in all participating countries. With respect to its predecessor (SEEREN), the infrastructure will be substantially enhanced in its performance but more significantly will add a new key item to its fundamental characteristic, the consolidation of the networking and Grid infrastructures, into an eInfrastructure for SE Europe, fully integrated with the pan-European efforts (GEANT2, EGEE, SEE-GRID etc).

The ultimate goal is to consolidate the network and services into the pan-European eInfrastructure and the end-users into the European Research Area. This will promote the cooperation of scientific and educational communities of EU member states with the southeast European countries and will provide a platform for dissemination and development of next generation Internet technologies in those states that are on course to join the EU.

Objectives

SEEREN2 will build, on the success of SEEREN, cooperative and complementary actions that involve active participation from eight NRENs in southeast Europe complemented with the vast experience of the pan-European R&E networking bodies DANTE and TERENA. The ultimate goal of the project is to consolidate the network and services into the pan-European eInfrastructure and the NREN end-users into the European Research Area.

Sustainable Development

SEEREN2 will continue to assist to the incubating and existing NRENs in southeast Europe to fully establish themselves and to integrate with related European-wide organisations and initiatives, and eventually become full members of the GÉANT community by the end of the project.

Upgrade the SEEREN infrastructure

SEEREN2 aims at creating the next generation of the southeast European segment of GÉANT, that intends to make leading-edge

technologies and services available to the entire R&E communities and all sectors without discrimination between users and sites in southeast Europe in an attempt to further ease the "digital divide" that still separates most of the southeast European countries from the rest of the continent.

Strengthen the Human Network

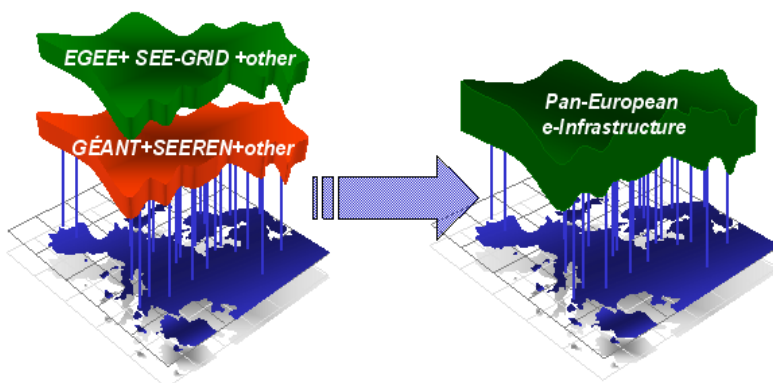
The SEEREN2 Infrastructure will provide a significant increase in the network capacity available for communication and experimentation among end users of the research and education community in southeast European countries and of the rest of the world. In order to ensure that the investment in this resource is effectively exploited, a promotional and training activity involving the distribution of publicity material, presentations at scientific conferences, and other relevant activities will be undertaken, with an objective to strengthen the human network in the area of eInfrastructures in SE Europe.



Expected results

SEEREN2 is expected to be an essential instrument for the creation and exploitation of a range of new services and best current practices, to support research and education, as well as, offering facilities for collaboration and experimentation carried out as part of FP6 and other international projects. The collaboration with GN2/GÉANT2 will help the transferring of advanced networking services and technologies, and will leverage the best practices followed by the SEE research and education communities by:

- offering permanent, dedicated and stable connectivity for the SEE academic community
- introducing new technologies and know-how through collaborative work, and making these technologies and knowledge available to the SEE community.
- serving as reference for further developments and future regional and European collaboration.



Project name:

SEEREN2

Contract No:

026748

Project Type:

SSA

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Collaboration with other EC projects:

GÉANT2
EGEE
SEE-GRID

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Research
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