A Major International Research Facility in South East Europe

develop a research excellence nucleus in SEE
benefit for science and technology, training, investment in young people, job creation, reverse of brain drain, knowledge based economy

- Facility for Tumour Therapy and Biomedical Research with protons and heavier ions
- 4th Generation Synchrotron Light Source

SCIENCE FOR PEACE
SCIENCE FOR SOCIETY

South-East European International Institute for Sustainable Technologies (SEEIIST) in the spirit of "Science for Peace"

Initiative proposed by
Prof. Herwig Schopper
former Director General of CERN

Positive reception by a number of organizations and institutions

Summary of the main mission of the SEE Project

- Science for Peace
- Scientific Excellence
- International Collaboration
- Sustainable development of society
- Education
- Technology Transfer and Innovation
- Knowledge based Economy

Culmination of the political development so far: Declaration of Intent signed at CERN on October 25, 2017

Signed by eight parties:
Albania, Bosnia and Herzegovina, Bulgaria, Kosovo*, The FYR of Macedonia, Montenegro, Serbia and Slovenia.
Croatia agreed "ad referendum", Greece is presently an observer.

SEE Initiative now transformed into a Project with regional character

SEE Ministers of Science / Corresponding Ministers or their representatives at CERN

Candidate Members for the South-East European International Institute for Sustainable Technologies

Republic of Albania
Bosnia and Herzegovina
Republic of Bulgaria
Republic of Croatia
Hellenic Republic
Kosovo*
FYR of Macedonia
Montenegro
Republic of Serbia
Republic of Slovenia

Signed a Declaration of Intent
Agreed "ad referendum"
Observer

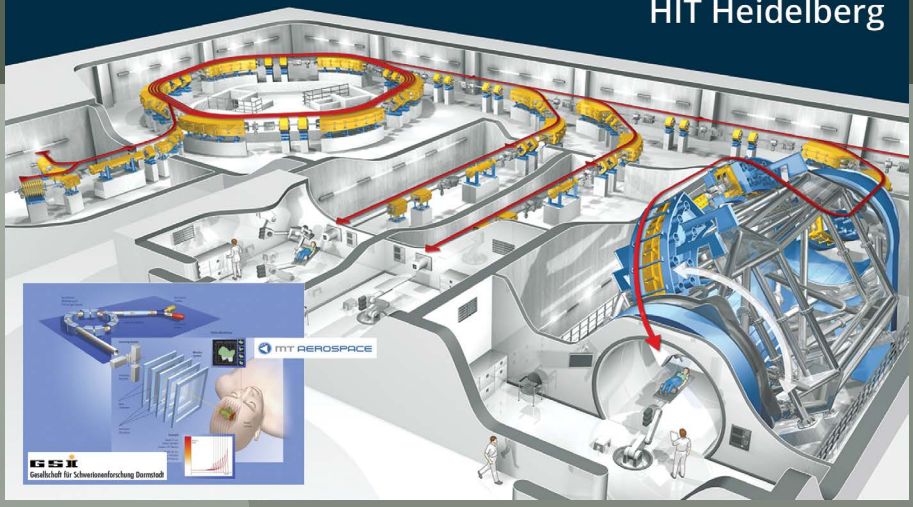
* This designation is without prejudice to positions on status and is in line with UNSC 1244/1999 and the ICJ opinion on the Kosovo Declaration of Independence

Contender for the SEE project Option I: Facility for Tumour Therapy and Biomedical Research with protons and heavier ions

Virtual center, source http://enlight.web.cern.ch/media

About 500 patients per year to be treated as needed for a population of 20M. In parallel, 50% of the beam time dedicated to biomedical research. About 1000 researchers, including a major number from outside the SEE region. Unique.

HIT Heidelberg



Contender for the SEE project Option II: 4th Generation Synchrotron Light Source

Possible research domains relevant for the region:

- Life Sciences (Drug design, Imaging, Therapy)
- Material Science (New materials, Energy)
- Environmental Science (Air, soil and water pollution analyses)
- Cultural Heritage (Non-destructive analyses)

Culmination of the large effort invested over the year 2017

- Forum on New International Research Facilities for South East Europe, held at the ICTP/Trieste on 25-26 January 2018
- Under the auspices UNESCO, the IAEA and the EPS
- More than 100 participants, ranging from scientists to representatives of industry, government agencies and international organizations, including the European Commission and ESFRI.

Forum on New International Research Facilities in South East Europe, ICTP, Trieste 25-26 January 2018

Central goal of the Forum: Concept Studies for the two options of the Institute created by the Editor Committees and presented for the first time to the public

Executive Summary of the Concept Studies prepared for the Forum

Main elements of a **Business Plan**:

- technical parameters of the facilities
- time schedule
- investment costs
- operation costs

A few days after the Forum – First SEE Intergovernmental Steering Committee Meeting in Sofia, Bulgaria

Reception by the President of the Republic of Bulgaria

First Chairperson elected: Dr. Sanja Damjanovic, Minister of Science of Montenegro. Goal: Develop the Steering Committee to a leadership role in all future science - policy steps.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