

Baltic TRAM in Brief

A Baltic Science Link (the EUBSR flagship) and follow-up projects

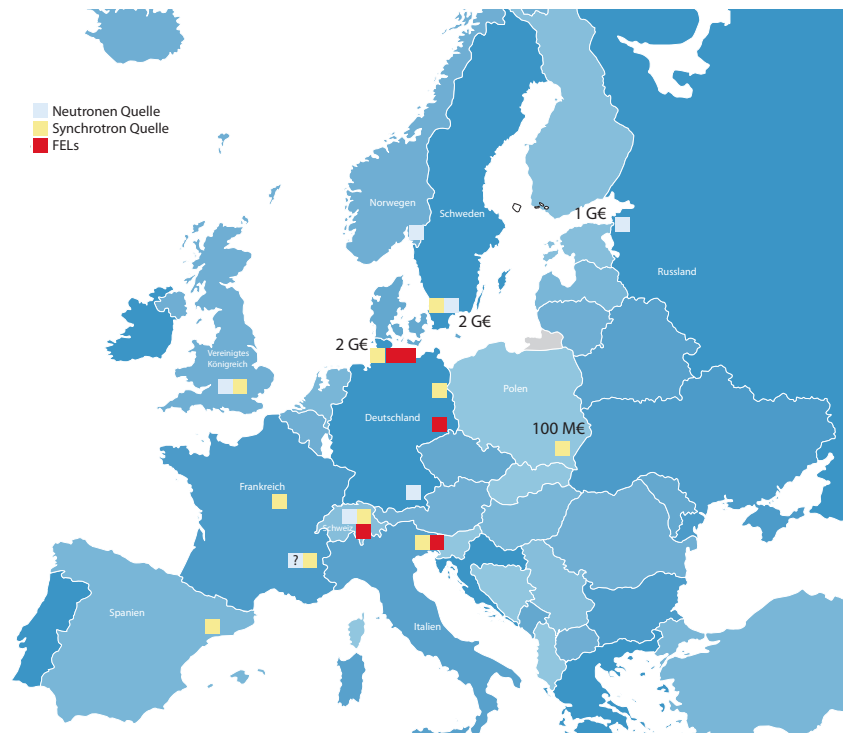


Background



- 3 – 5 Billion € investment in Analytical RI in the BSR
- Only 4.2 % (average) usage of RI by industry

Analytical Research Infrastructures in Europe



- Upcoming north cluster
- East-west imbalance in the BSR

Baltic Science Link

„The Baltic Sea region ... is investing about EUR 3 billion in new research infrastructures... This infrastructure should be used to strengthen the scientific capability and competitiveness as well as the attractiveness of the region. Building a strong **network between universities, research institutes and industries in the region** is essential and i.e. the Baltic Science Link could facilitate this.“

Action Plan for the EU Strategy for the Baltic Sea Region, PA Innovation

Activities



HOME NEWS ▼ ABOUT RÅC FOR SCIENTISTS ▼ PRESS & PUBLIC ▼ NEWSLETTER

A German-Swedish research collaboration

The Röntgen-Ångström Cluster (RÅC) is a Swedish-German research collaboration in the fields of materials science and structural biology that aims to strengthen research at synchrotron and neutron radiation sources. Enabled by an agreement between the Swedish and German governments in 2009, the RÅC helps initiating and developing cooperative projects between research groups from Germany and Sweden in the above-named fields. Several large-scale facilities from both countries are included in the cluster:

- Scientific co-operation between Sweden and Germany
- Funding: 6 – 8 Mio. € p.a. (BMBF, Swedish Research Council)



Activities



RACIRI SUMMER SCHOOL 2016
Advanced materials Design at X-ray and neutron Facilities

A German-Swedish-Russian Initiative to promote young scientists embedded in the RAC and IRI collaboration frameworks

21 - 28 August 2016, Repino, Russia
Convergent Science and Technology For Society

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DESY
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Objectives | Partners | Travel Info | Programme 2016 | How to apply | Pictures | Committee | Archive

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Welcome to the future of Materials Sciences

Quick Information

- [The RACIRI 2016 Programme](#)
- [How to apply for RACIRI 2016](#)
- [Travel & Local Information](#)
- [Archive of RACIRI 2015](#)
22 - 29 August 2015, Rügen, Germany
- [Archive of RACIRI 2014](#)
24 - 31 August 2014, Stockholm area, Sweden
- [Archive of RACIRI 2013](#)

RACIRI Summer School 2016 in Repino, Russia, 21-28 August 2016: Convergent Science and Technology for Society

The RACIRI Summer School is a joint initiative by Russia, Sweden and Germany in the collaborative framework of the **Röntgen-Angström-Cluster (RAC)** and the Ioffe-Röntgen-Institute (IRI).

The novel format of the RACIRI Summer School is driven by scientific frontier themes and challenges in the field of materials sciences with a strong connection to the superb analytical potential at current and future research infrastructures (synchrotron radiation, X-rays and neutrons) in the Baltic region.

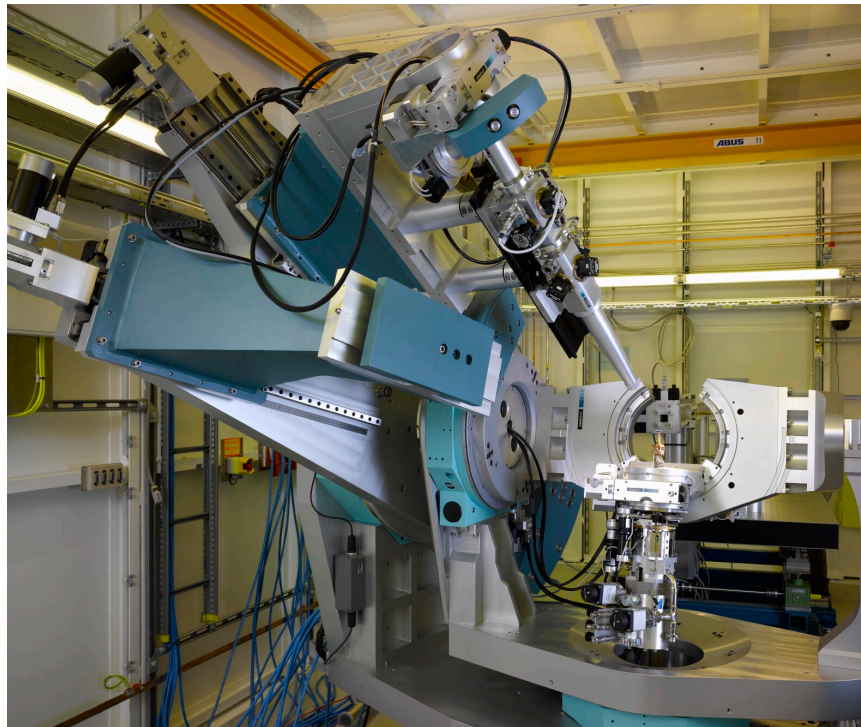
The RACIRI Summer School is held every year under a special focus theme. Its venue rotates annually among the three partnering countries.

The first RACIRI Summer School was organized 2013 in Petergof, Russia. Focus theme: "Soft Matter and Nano Composites".

The second RACIRI Summer School was held from 24-31 August 2014 in the Stockholm area, Sweden, under the focus theme "Imaging with X-rays and Neutrons in Life and Materials Sciences".

- German-Swedish-Russian Initiative to promote young scientists
- Funding: BMBF, Swedish Research Council, NRC "Kurchatov Institute", DESY

Open Question



- How to attract more usage by industry?
 - First answer: Better and intensified marketing!
- ➔ Science Link Project

Science Link Project



- Project period: 2012 -14
- Partners engaged: 17 contracted + 5 associated partners
- Budget: 3,9 M EUR, part financed by the BSR programme



Science Link Project



Planned

- 40 potential customers

Fulfilled

- 66 applications
- 39 Measurements

Lessons learned

Science Link

Call

RI

U

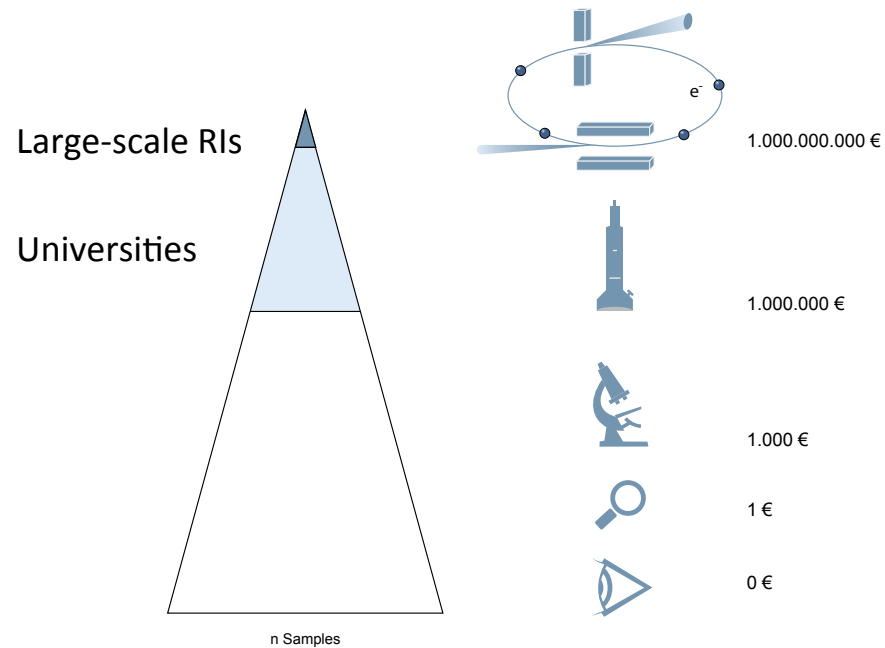
RI

U

RI

- Higher visibility by common activities

Lessons learned 2 = open question



- Best suitable / cost-saving measurement method
- Better local service

Baltic TRAM Project



- Project period: 2016 -19
- Partners engaged: 15 contracted + 5 associated partners
- Budget: 4,2 M EUR, part financed by the BSR programme



Baltic TRAM: Activities

- Development of a concept for **Industrial Research Centers (IReC)** acting as an **interface** between ARI and users
- Publish **calls** supporting users from Industry/SMEs in selected areas (e.g. nanotechnologies, food technology), offering **consultation services** & execution of **measurments** at suitable partner institutions
- Addressing **Open Access to data** issues
- Benchmarking **analysis** on **national strategies** (roadmaps) for research infrastructures and smart specialisation strategies
- Policy recommendations: "smart co-operation strategy"

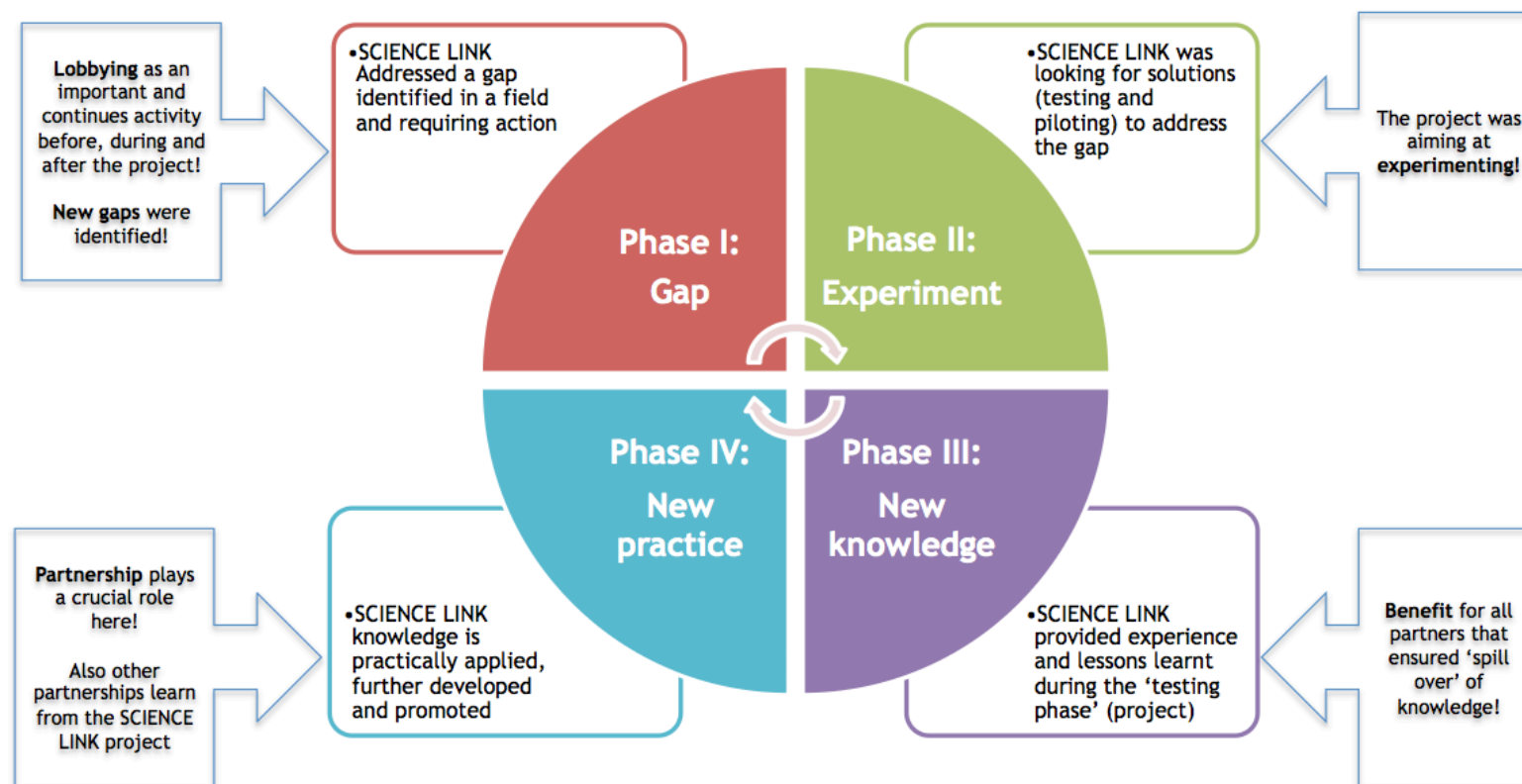


Science Link Project → Science Link Network

- Based on a Letter of Intend most of the Science Link Project – Partners continued co-operation to support the achievements made in Science Link
- Future role of Science Link Network:
 - **Customer routing:** organise a process to assign customer requests to the most suitable network partner acting as a "one-stop-shop"
 - **Marketing:** make spending of communication and advertising costs more effective via joint activities and higher visibility of all partners
 - **Lobbying:** provide a forum to discuss needs and expectations of all network partners internally, to develop a common position and to communicate this common position to high level decision making institutions at national and European level
 - **Knowledge transfer:** act as a platform for knowledge transfer and development of new solutions for better co-operation with industry/SMEs



SCIENCE LINK: process applied by the project



THANK YOU

www.baltic-tram.eu

