



SCIENCE LINK



Baltic Sea Region
Programme 2007-2013

Part-financed by the European Union
(European Regional Development Fund)

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SCIENCE LINK Project

Structure, Lessons learned
Future Projects



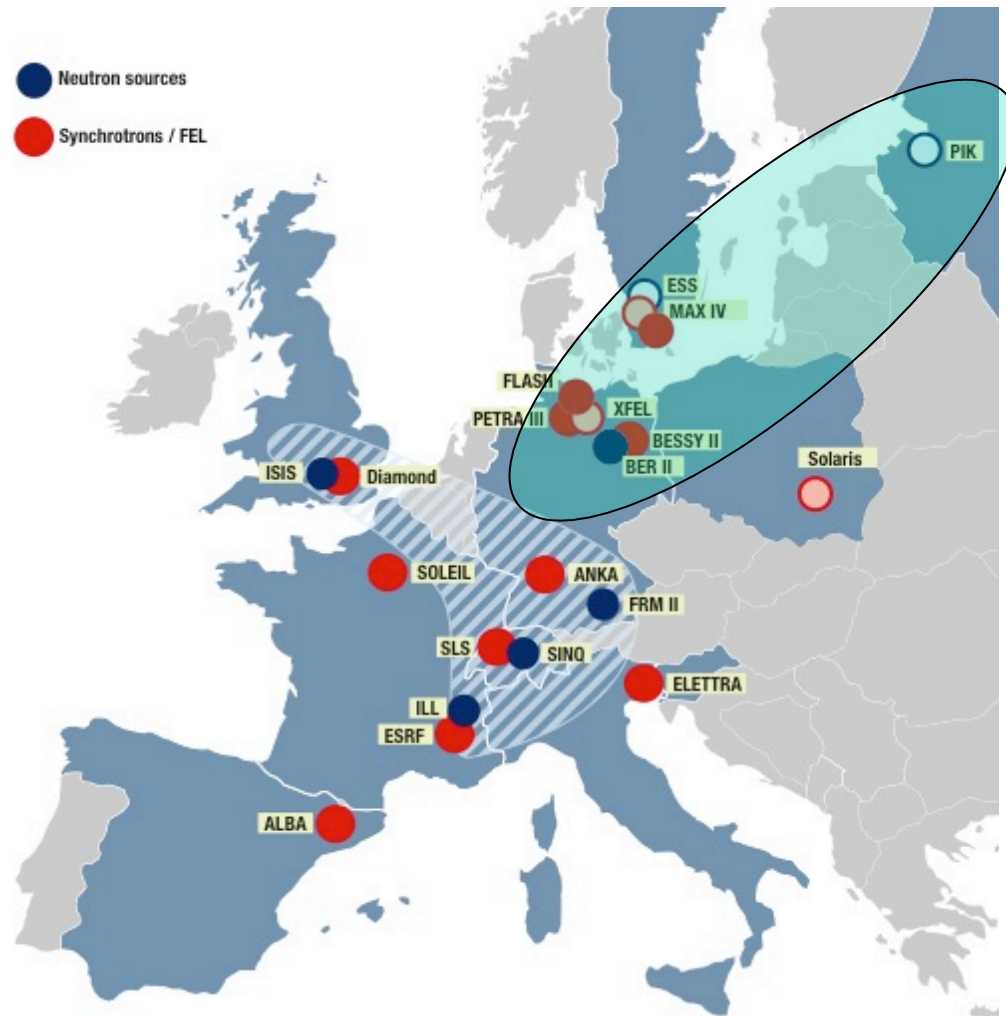
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Science Link Project - Background



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Science Link Project - Background

EU Strategy for the Baltic Sea Region

Turku Process

Priority Area Innovation

Flagship project
Baltic Science Link

Arise

Ready to
Research

Project
SCIENCE LINK



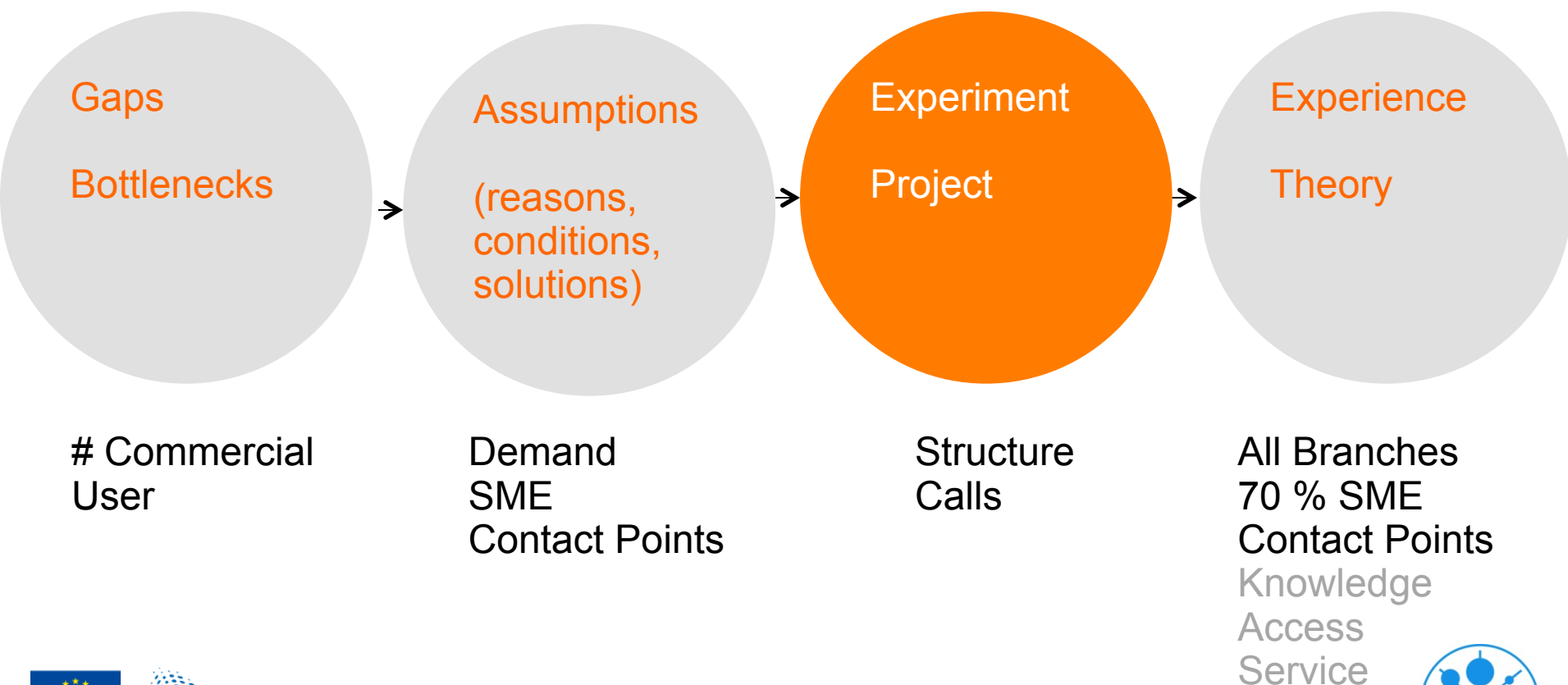
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Science Link Project - Method



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Science Link Project

3,5 M€

2,5 a

17 partners

5 associated partners

- 1 DESY, Hamburg
- 2 Helmholtz-Zentrum Berlin für Materialien und Energie GmbH
- 3 Helmholtz-Zentrum Geesthacht Zentrum für Material und Küstenforschung
- 4 Kainuun Etu Oy
- 5 University of Turku
- 6 Tartu Science Park Foundation
- 7 University of Tartu
- 8 Institut of Solid State Physics University of Latvia
- 9 State Regional Development Agency, Riga
- 10 Riga City Council, City Development Department
- 11 Agency for Science, Innovation of Technology, Vilnius
- 12 Semiconductor Physics Institute of Center for Physical Science and Technology, Vilnius
- 13 Institute of Physics, Polish Academy of Science, Warsaw
- 14 Foundation of Innovative Initiatives, Krakow
- 15 Invest in Skane, Malmö
- 16 University Lund, Max-lab, Lund
- 17 Technical University of Denmark, Roskilde
- 18 Petersburg Nuclear Physics Institute [Associated Partner]
- 19 European Spallation Source (Associated Partner)
- 20 European XFEL (Associated Partner)

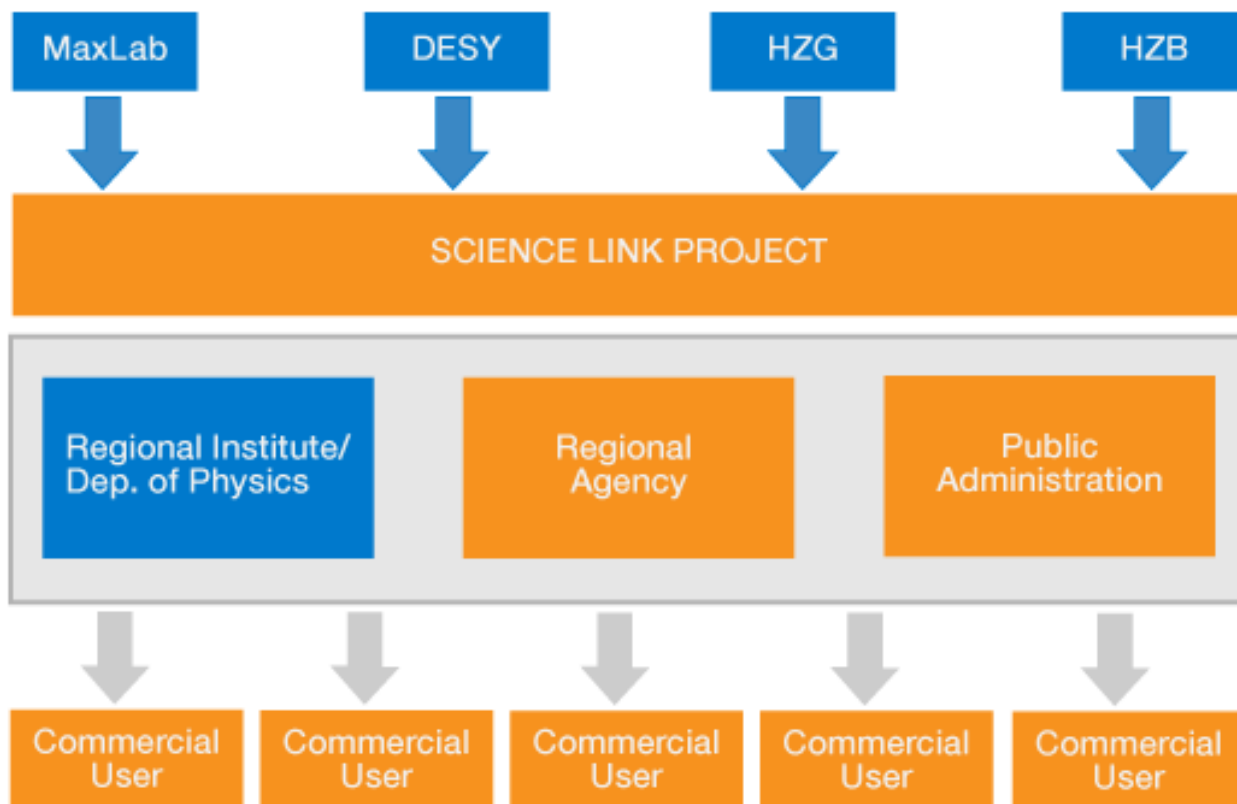


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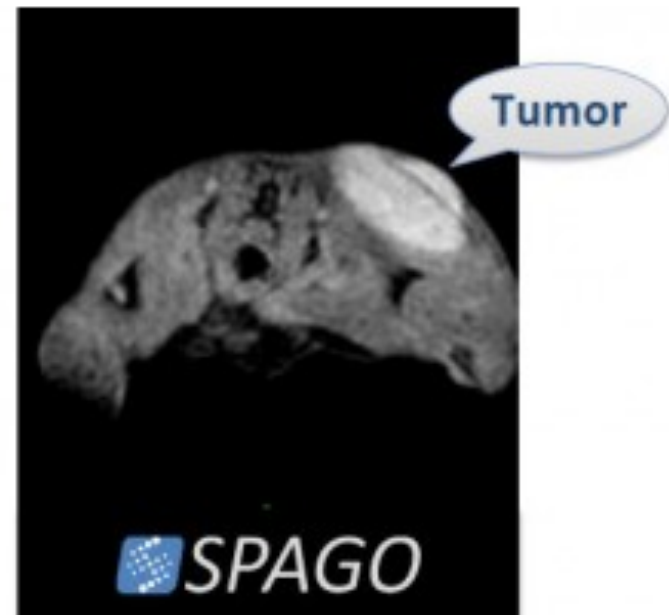
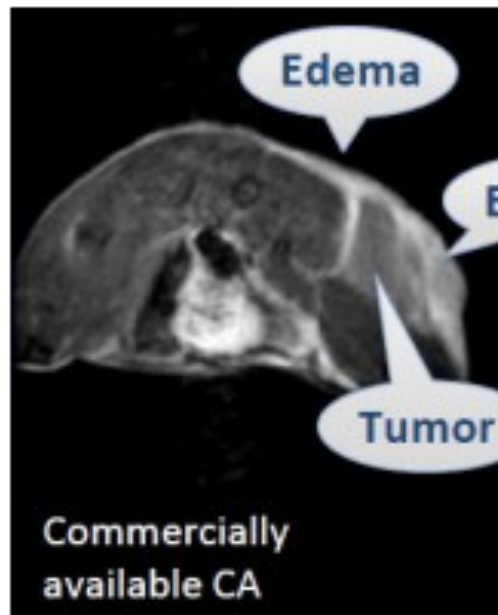
Contact and Consultation Points



Science Link Project - Calls

SPAGO Imaging – Lund, Sweden

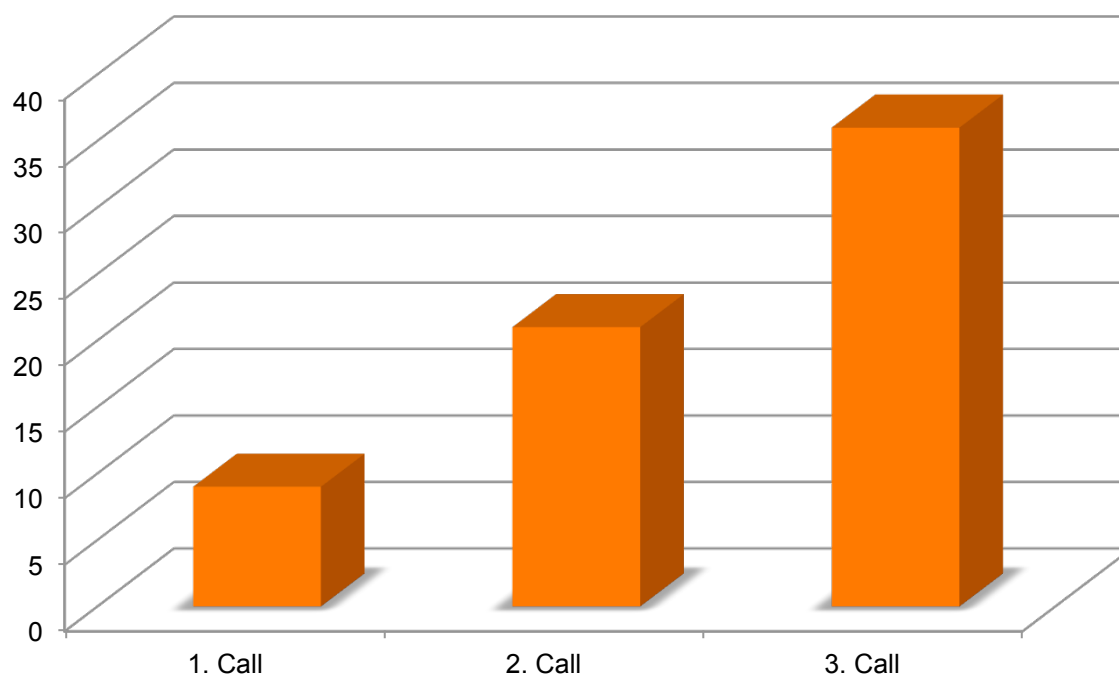
Development of contrast agents for early and accurate visualisation of cancer with MRI



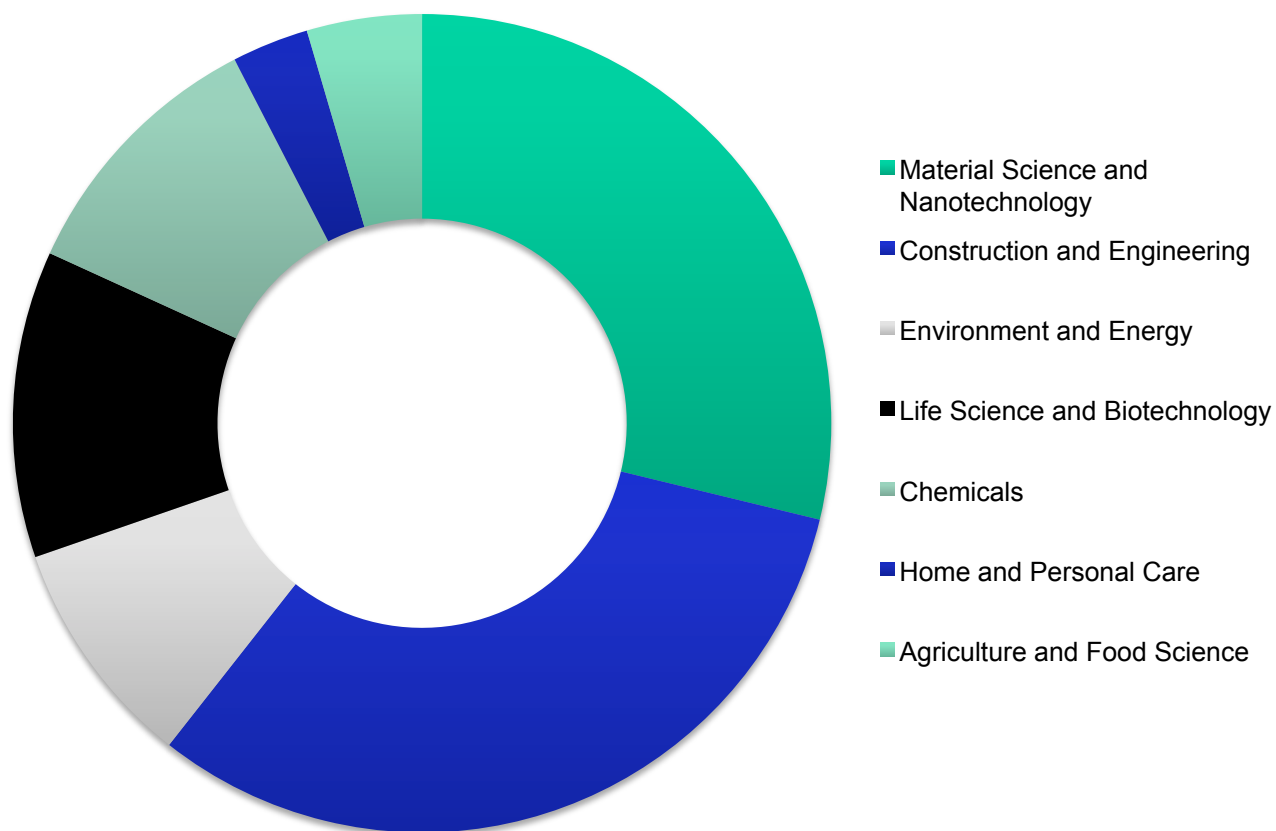
Nanoparticles accumulate selectively in tumours, giving high MRI signal and excellent contrast between tumour and surrounding healthy tissue (edema)

Calls

Number of Applicants

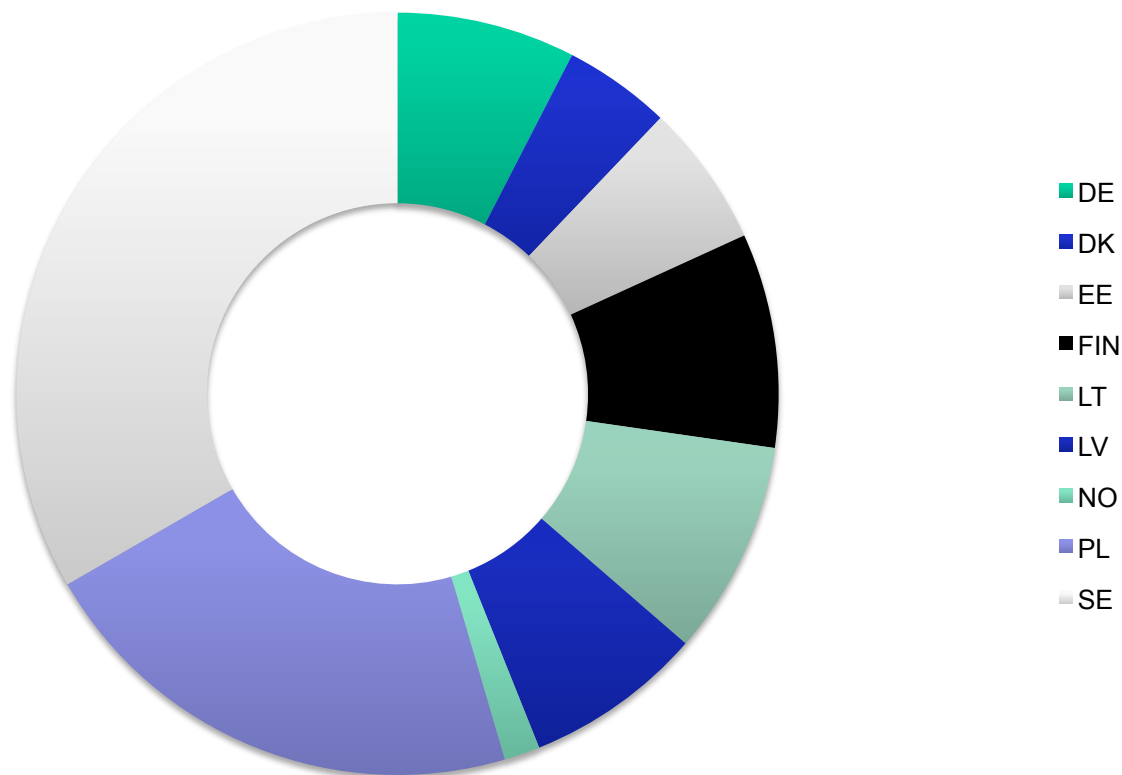


Calls Branches



Broad variance of branches

Calls States



Successful operation of contact points



Some Lessons learned

- A broad variety of interested branches really exist.
- 70 per cent of applications came from SME.
- Contact Points are very useful.



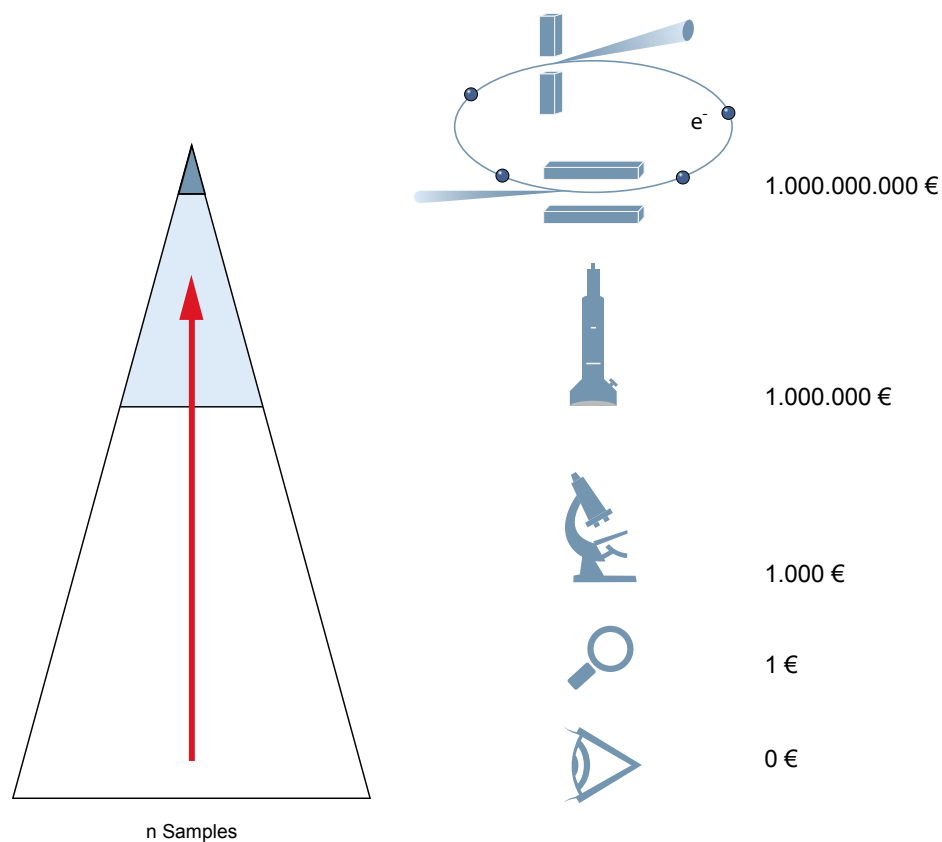
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Some Lessons learned

SMEs need more (regional) service





Some Lessons learned

Bottlenecks

- Knowledge of engineers and scientists at SME
- Measurement costs are comparably high



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Some Lessons learned

Bottlenecks

- No special programs for access of SME to RIs

State	Special Programm	R & D Programms	
Finland	no		Tekes
Sweden	no		Forska & Vax
Estonia			
Latvia	no		Competence Centers
Lithuania	no		
Denmark	Danscatt	Travel	
Poland	no		OP Innovative Economy
Germany	no		ZIM



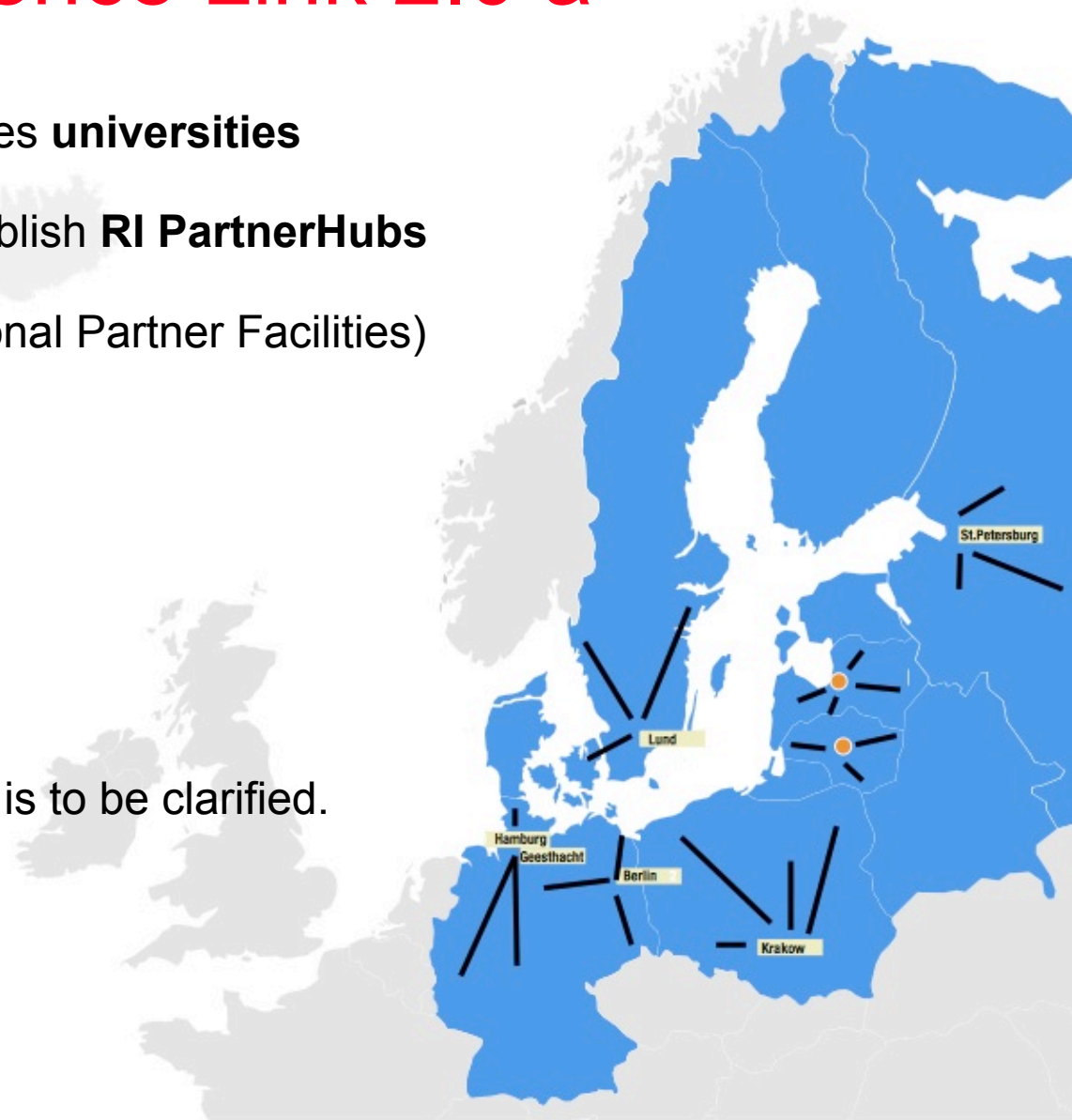
Science Link 2.0 a

Includes **universities**

+ establish **RI PartnerHubs**

(Regional Partner Facilities)

Financing of calls is to be clarified.



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Science Link 2.0 b (ARISE)

Public private partnership
+ marketplace of services

In cooperation
with Heinrich
Hertz Institute



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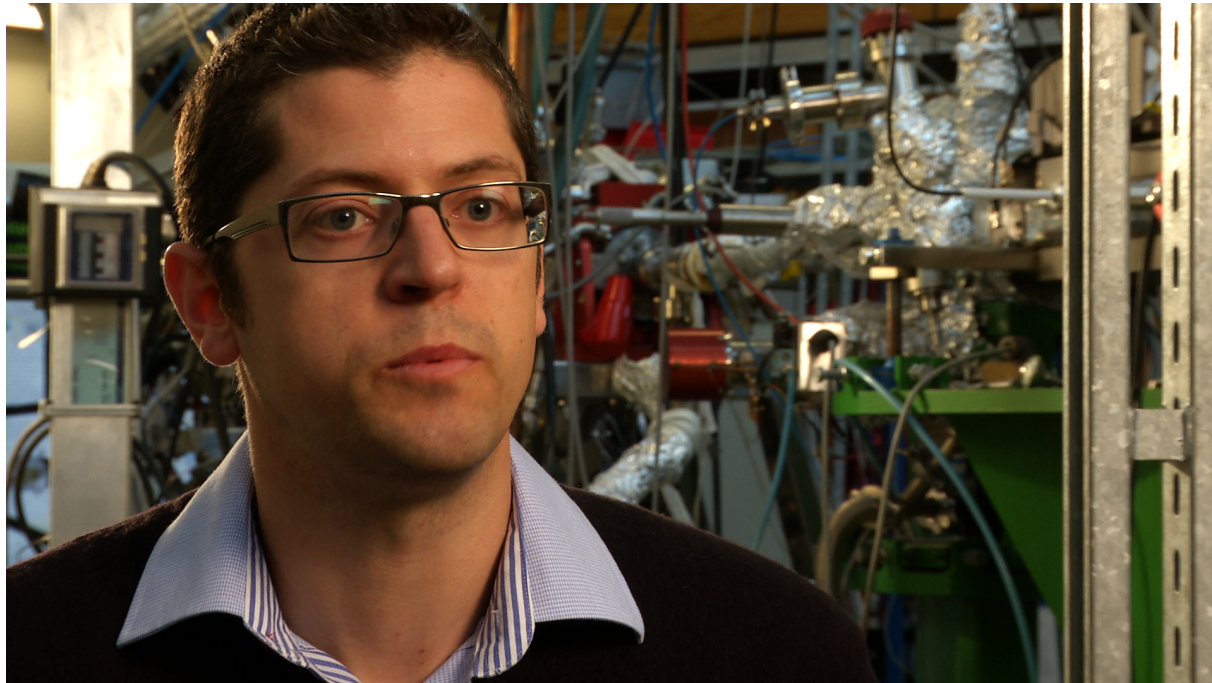


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Science Link 2.0 c (Ready to Research)

Distance learning



In cooperation
with European
Spallation Source



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Summary

- Science Link has shown a demand of scientific services for commercial users, including SMEs
- To serve this demand, appropriate structures and financing is needed



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Summary

- RIs together with universities should continue calls for free measurements and service. Financing should be clarified.
- The EU Commission and the states should provide financial support for SME to access the Ris.



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Summary

- To remove bottlenecks two projects should be prepared:
 - “Ready to Research” to widely spread knowledge about measurement methods and
 - ARISE to offer substantial service to commercial customers
- The idea of SCIENCE LINK should be internationalised.



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Hamburg

Conference

March 5. / 6., 2014



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