



# **Service offered to Industrial Customers at Research Infrastructures by Science Link**



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## **Description of Services offered to Industrial Customers at Research Infrastructures (RI) by Science Link**

Science Link is a network between leading research infrastructures (RI) of photon and neutron sources and their users. The project aims to support and encourage innovation and entrepreneurship in the Baltic Sea Region. Apart from the research infrastructures, the network also includes scientific institutes, universities and regional organizations that serve as service and promoting units.

Science Link offers companies the opportunity to investigate a current R&D issue by using state of the art scientific analysis at Europe's leading neutron and synchrotron research infrastructures. The resources offered to the companies by Science Link are access to the four major neutron and synchrotron facilities in the Baltic Sea Region, which are DESY, HZG, HZB and MaxLab, and support by universities, scientific partners and governmental organizations. The offer also includes consultation, support and assistance before, during and after the analysis.

The services offered are structured as follows:

### **Before the analysis**

- Following approval of Customer's application for a Science Link project, the selected RI's industrial liaison officer (ILO) contacts the customer and explains the details of what the Science Link project involves and what they can expect.
- The ILO makes contact to the relevant beam-scientist to ensure feasibility of the measurements, and arranges scheduling of beamtime for the measurements.
- The ILO arranges contract and negotiates between customer and Technology-Transfer department of the RI.
- When necessary, the ILO supplies customers with information regarding accommodation possibilities for the duration of the beamtime, as well as negotiation of any required meeting with beam-scientists at RI to discuss measurements before the scheduled beamtime.
- The ILO ensures and if necessary supports in contact with the RIs user organization all registrations and safety training has been performed such as declaration of substances, requirement of chemistry lab, registration of personnel,



- safety training.
- When necessary/possible, the ILO arranges test measurements of several samples in the months prior to the scheduled beamtime to check feasibility of the project.

### **During the analysis**

- When scheduled beamtime arrives, the ILO meets with the customer and acts as guide through the RI, introducing customer to the beam-scientist and assisting with any necessary sample preparation. In some cases the ILO directly participates in measurements.
- The Beam-scientist from the RI performs all necessary measurements and analysis on materials, as instructed by the customer.
- The beam-scientist also compiles report and analysis of results for the customer.

### **After the analysis**

- After beamtime, the ILO maintains contact to ensure that the scientists at RI have completed any analysis needed and written some kind of report for the customer. On the other hand, the ILO ensures that the customer submits a report for SL's own reporting.
- The ILO also maintains contact with the customer direct or via the RI's regular Industrial Service Group for any possible future measurements.

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