

„Kooperation im Ostseeraum in EU-Projekten – Fallbeispiel: Blue Biotech Alliance“

"Forum Ostsee" - Workshop, 21.9.2015 Greifswald
Frank Neudörfer und Dr. Heinrich Cuypers, BioCon Valley



Networking national & international



National:

- BioCon Valley is member of the German BioRegions;
www.biodeutschland.org/ak-bioregio.html
www.biotechnologie.de

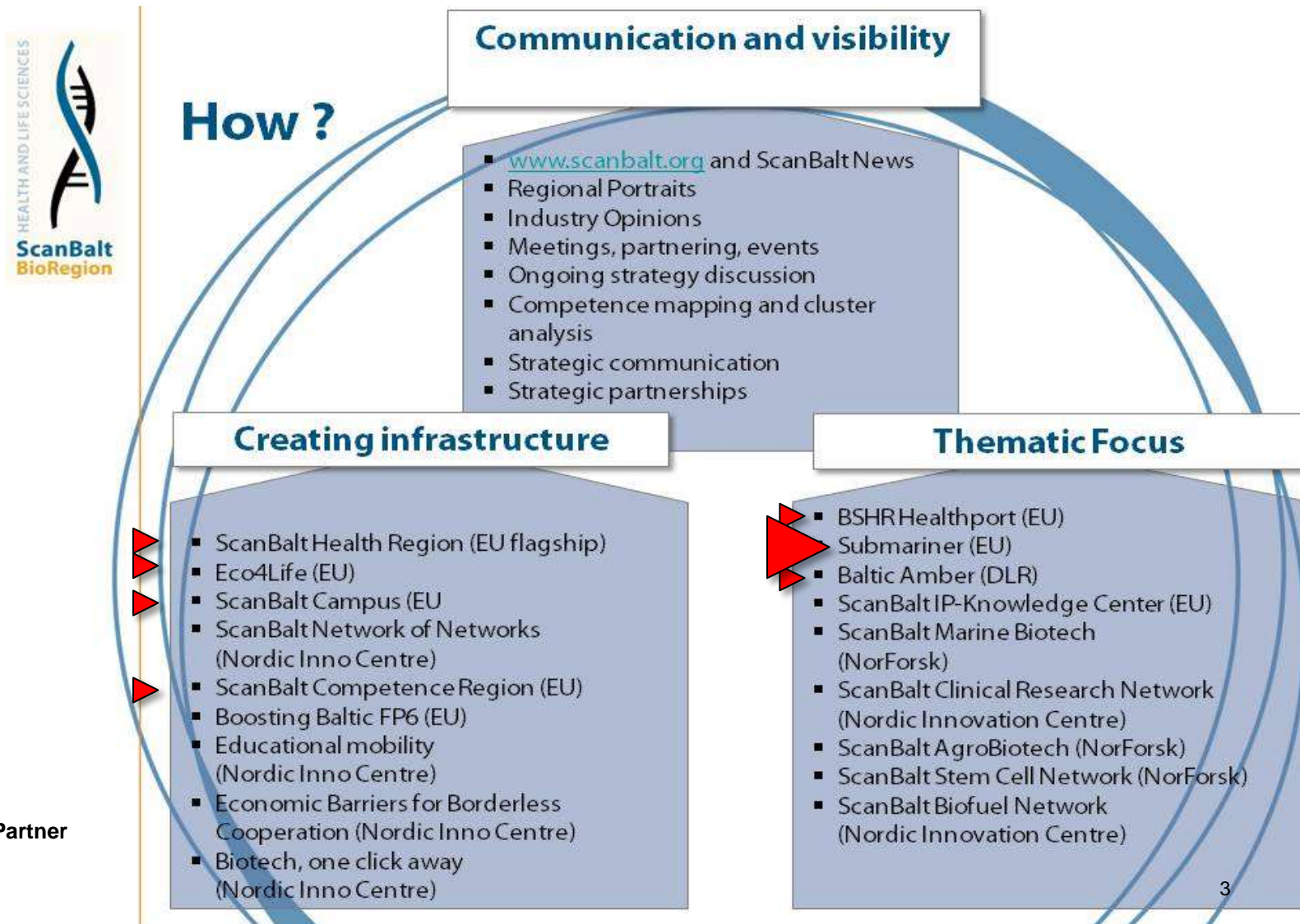


International:

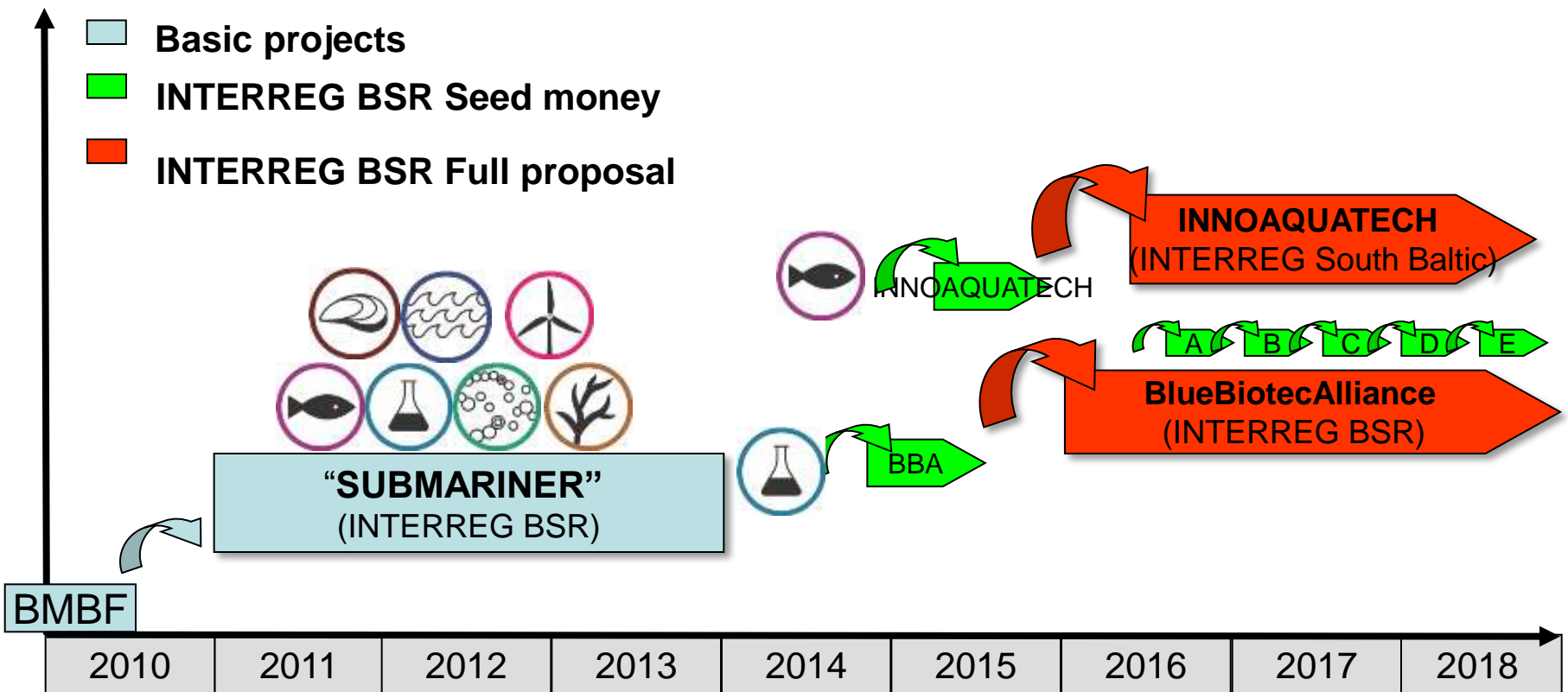
- BioCon Valley is cofounder of ScanBalt – the network of Life Science and health networks in Baltic Sea Region, i.e. Denmark, Estonia, Finland, Germany, Iceland, Latvia, Lithuania, Norway, Poland, Sweden, North-West Russia;
www.scanbalt.org



ScanBalt als Projektschmiede seit 2001



Road Map of Cross-Border Cooperation - Aquaculture and Marine Biotech



Project SUBMARINER

Sustainable Uses of Baltic Marine Resources



- The Baltic Sea Region (BSR) faces enormous challenges including growing transport, new installations, fishery declines, severe marine pollution, excessive nutrient input, and the effects of climate change. But novel technologies and growing knowledge also provide opportunities for new uses of marine ecosystems, which should not only be valued for their commercial appeal but for their potentially significant contribution to solving its environmental problems: macroalgae cultivation, **blue biotechnology**, **innovative fish and mussel mariculture solutions**, and wave energy are among such new possible uses.
- The project is funded by the Baltic Sea Region Programme 2007-2013. It has a total budget of €3.6 million, of which €2.8 million are ERDF co-finance and €0.8 million are partners' contributions. It runs from October 2010 to December 2013.

Project partner:

- Maritime Institute in Gdańsk (Lead), German Ministry of Environment, KiWiZ at Geomar, University of Rostock, BioCon Valley, Finnish Environment Institute, Klaipeda University Coastal Research & Planning Institute, Klaipeda Science & Techn. Park, Tallinn University of Technology, Entrepreneurship Development Centre for Biotechn. & Medicine, Latvian Ministry of Environment, Environmental Development Association, ScanBalt, Lolland Energy Holding, Royal Institute of Technology, Royal Swedish Acad. of Sciences, Trelleborg Municipality, Gdańsk Science & Techn. Park, Norgenta

Results:

- Production of a Compendium, Development of a Roadmap, Implementation of regional activities, Building a network: more: <http://www.submariner-project.eu/> <http://www.>



Proposal „Blue Biotech Alliance“

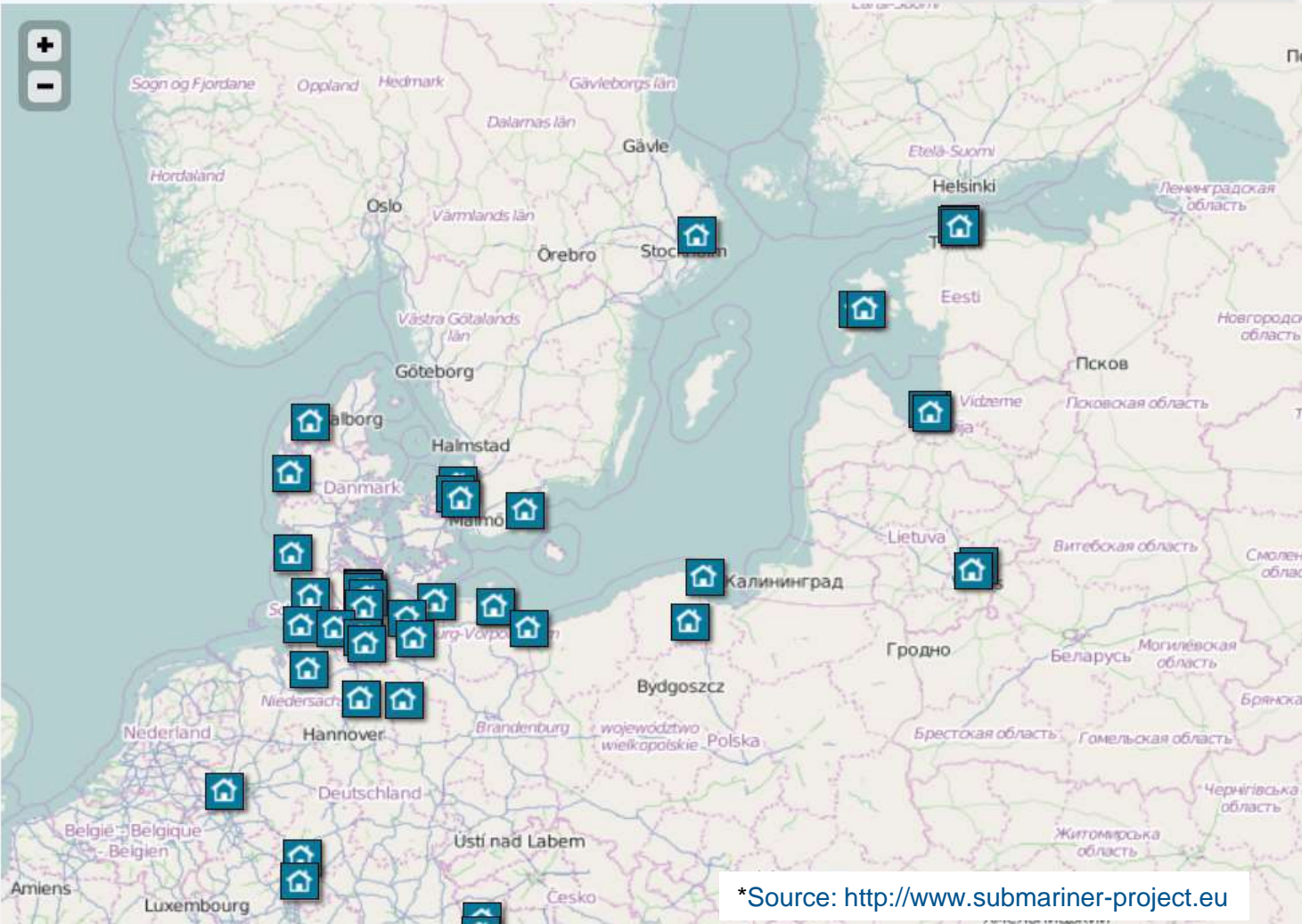
- The Baltic Blue Biotechnology Alliance project (ALLIANCE) is the response to the “Sustainable Blue Growth Agenda for the Baltic Sea Region” adopted by the European Commission (May 2014) that provides the blueprint for harnessing the region’s strengths to boost innovation and growth in the maritime area. The potential of blue biotechnology is therein recognised as significant but still immature and to be in need of a more strategic approach for development across the Baltic Sea Region (BSR). The ALLIANCE will bring together blue biotechnology actors from across the BSR to develop innovative marine biobased products and services.
- It aims to empower the participating research institutes, SMEs and business clusters to reach the critical mass required for action and global competitiveness by systematically pooling the national capabilities.
- Project partners will closely work together with two main target groups to address their needs: 1) business as the customers and shapers of the ALLIANCE (startups, spinoffs, SMEs, industry) and 2) research institutes, innovation agencies and business parks within the ALLIANCE and beyond.
- Key Figures:
 - Submission: July 14th, 2015
 - Planned run time: Mar 2016-Dec 2018
 - Partner: 23 (DE, DK, EE, FI, LT, LV, PL, PO, SE, UK); incl 10 “cases” to initiate and practice transfer of expertise from science to companies
 - Lead: Geomar Kiel
 - Budget: 3,2 Mio€

Home // Interactive Map **Map of blue biotech companies in BSR***



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RESOURCES

- Blue biotechnology
- Macroalgae
- Microalgae
- Mussels
- Offshore Wind Combinations
- Reed
- Sustainable Fish Aquaculture
- Wave energy

COUNTRY

- Denmark
- Estonia
- Finland
- Germany
- Latvia
- Lithuania
- Poland
- Russia
- Sweden

INSTITUTIONS

- Companies
- Public administration
- Research institutions
- Umbrella organizations
- Other

APPLICATIONS

- Energy
- Food

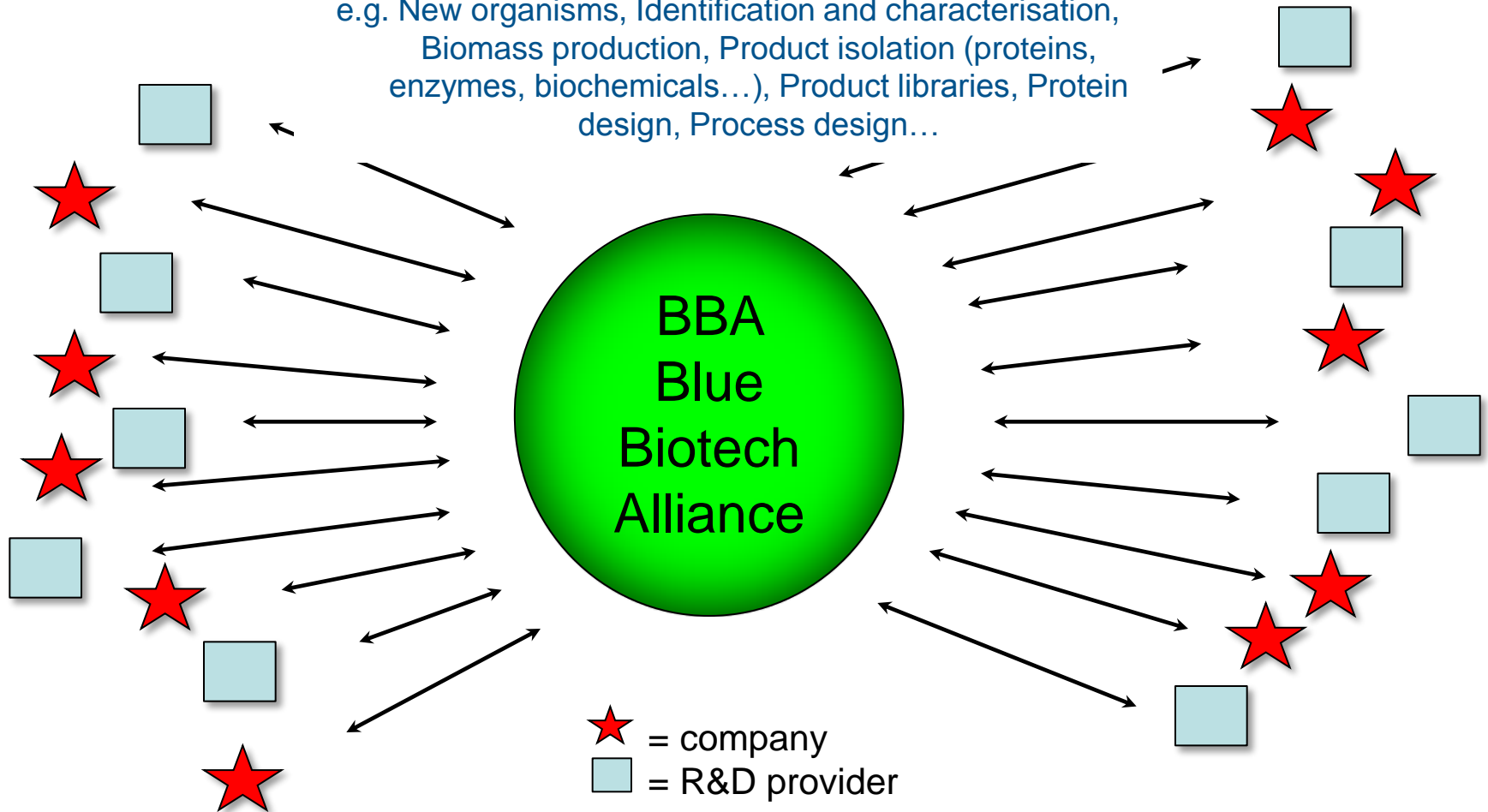
*Source: <http://www.submariner-project.eu>

„Blue Biotech Alliance

– from Source to Sink to Close the Gap in Value Chain



e.g. New organisms, Identification and characterisation,
Biomass production, Product isolation (proteins,
enzymes, biochemicals...), Product libraries, Protein
design, Process design...



Best of
Northern Germany

Mecklenburg
Vorpommern 

Thank you for your Attention !



Health
made in Germany

www.bcv.org

www.hicare.de

www.scanbalt.org

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