

Program in the action field of health economy

Because of the outstanding economic importance and the scientific potentials in the Metropolregion the action field health economy will be processed with significantly higher engagement in terms of perspective.

The areas “Medical Technology, “eHealth” and “Life Science” have been defined as the main topics for the project development. As with the topic of public service in rural areas, the field of action demonstrates a high social relevance. Additionally, there exist important potentials for technological innovations which are promoting an economic dynamic.

In terms of structural policy, the fields of eHealth and Medicine Technology also gained particular importance on national level.

Objectives:

- Improvement of healthcare provision (also in rural areas)
 - Placement of the Metropolregion as innovative high-tech-region
 - Networking of economy and science/research
 - Promotion of innovative economic fields and lifting of employment potentials
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Further completed and/or planned projects

- Development of an operator model for a cross-sector telematics infrastructure

As part of this project an operator and financing model for cross-sector basic infrastructure as the basis for innovative supply services has been developed and (is) been discussed with key players. The content supervision is carried out by the work group SeKoM (standardised, cross-sector communication in the Metropolregion) that exists since 2015 under the direction of Dr. Christoph Seidel (Klinikum Braunschweig). This work group is composed of the IT-managers of the municipal major hospitals and universities clinics. The project to develop the financing model for the cross-sector telematics infrastructure ended on the 30th of June 2016.

Currently, talks about the realisation / implementation (especially financing) are taking place.

AAL-apartments in research and in practice

At the initiative of the Metropolregion with the support of the Peter L. Rechertz Institute for Medical Informatics of the TU Braunschweig and the MH Hannover, an application has been handed in to the Land Lower Saxony within the framework of the “Zukunftsforum Niedersachsen [English: Future Forum Lower Saxony]” (demographic projects). Content of the project are supposed to be modern, technologically supported living arrangements for comfortable and safe ways of living within the demographic change. It is the objective to allow the life in the own home with regards to prompt supply. Two different approaches are followed:

- Living with intelligent technology (WOMIT) enables the development of apartments to a further medical location next to clinics and doctor’s practices (research).
- Intelligent technology already provides facilitation of daily life within the apartment and therefore a longer continuance in the own flat (practice).

With the present project this is supposed to be realised also in rural areas for the first time. In the focus are apartments in Seesen and Goslar which also strengthens the for the Metropolregion important cooperation between cities and rural areas. Applicant is a consortium of the municipal “Nibelungen-Wohnbau GmbH” and the “Wiederaufbau eG”.

Electronic hospital release report

The Metropolregion is cooperation partner of an application made in the context of the innovation fund by the Federal Joint Committee under the consortium leadership of the Techniker Krankenkasse for the promotion of a project for the development, pilot testing and evaluation of an electronic hospital release report (eKHEB). After a successful application, the Metropolregion will contribute to the spreading of the results within the area of the Metropolregion. The objective is the optimisation of transition management through faster – digital – provision of release information for follow-up institutions and services. The Klinikum Braunschweig is consortium partner and will therefore directly profit from a successful application. First results are expected one year after the permission.

Open Innovation Platform

Together with the Entrepreneurshipcenter of the TU Braunschweig and the Ostfalia Hochschule für angewandte Wissenschaften as well as the Symeda GmbH a concept for a regional Open Innovation Platform is developed to strengthen the technology transfer between science / research and economy in support of more start-ups and innovation. The concept is supposed to lead to a funding request at federal level for the realisation of the platform. Innovative impulses especially for the city of Braunschweig are to be expected.