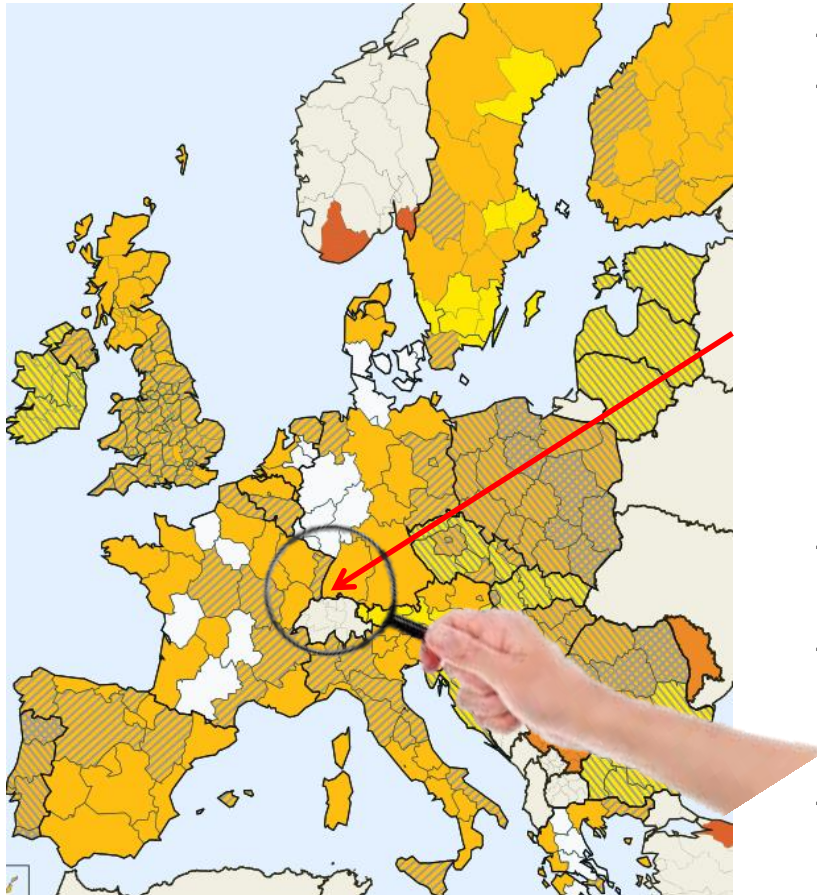




Digital Innovation Hubs & Smart Specialisation

EIT House (Brussels)
28 Nov 2017

**Information about
DIHs in Baden-
Württemberg**



Registered countries and regions in the S3 Platform

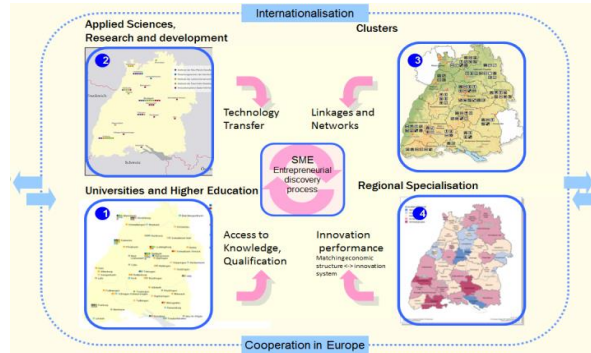
Region: Baden-Württemberg

- One of the 16 States within Germany
- Statistical Data:
 - Area 35.000 km²
 - 10,8 Mio. inhabitants
 - Annual State Budget appr. 46 Mrd. €
 - GDP p.a. appr. 477 Mrd. € (2016)
 - 4,8 % R&D Investment (2015) thereof 81,4 % private investment
 - ERDF - OP 2014-2020 = 246 Mio. € (35 Mio. € p.a.)
- Most innovative region within EU (Innovation monitor 2016)
- Long tradition of Strategic Innovation Policy, resulting in a closely tied net of innovation infrastructures and clusters
- Regional Innovation policy at state level aims at strategic development schemes and practices a dialog oriented policy style.



Innovation Strategy of Baden-Württemberg Aware of Challenges

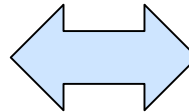
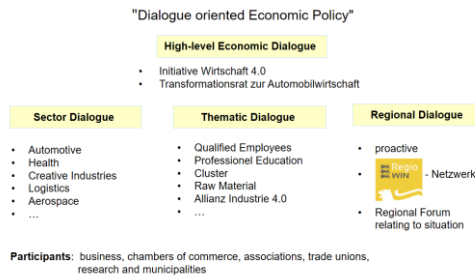
Major Focus Areas



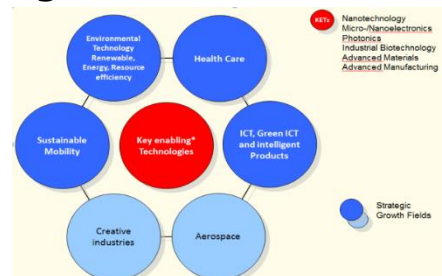
Global Challenges and Opportunities

- **Global competition for innovation** – increasing technological competence of global competitors (e.g. China)
- **Climate change** – energy transition – smart grids
- **Aging societies** – lack of qualified workforce
- **Digital revolution** - web based economy – 4th industrial revolution: „Industry 4.0“ – „smart production“ intelligent production systems and processes – „smart factories“
- **Europe:** Industrial renewal? Economic convergence?

Stakeholder Participation

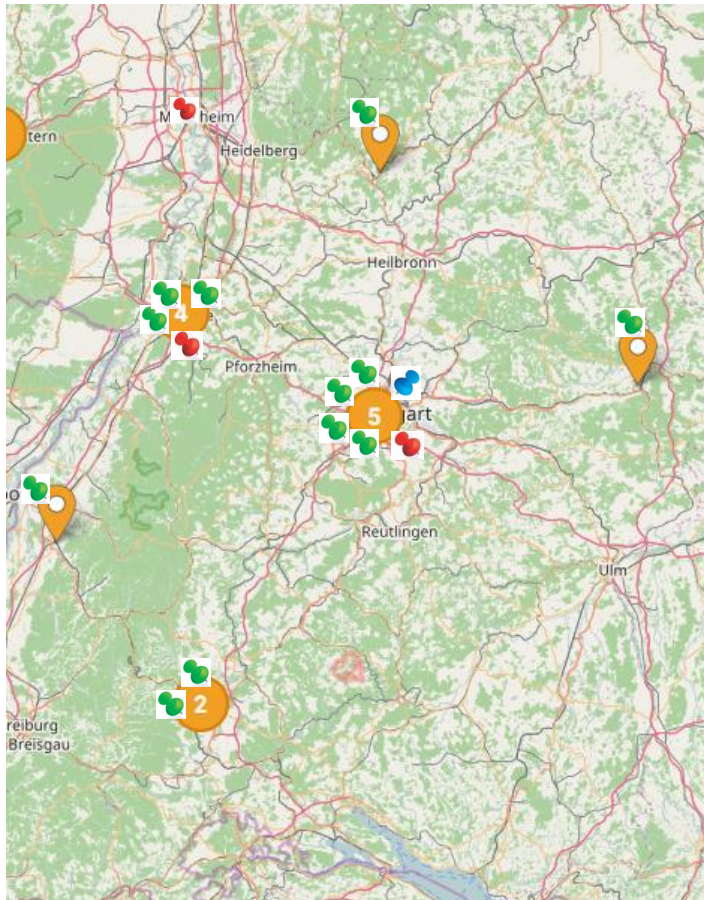


Strategic Growth Fields







Innovation Strategy of Baden-Württemberg

DIHs resulting from various Initiatives



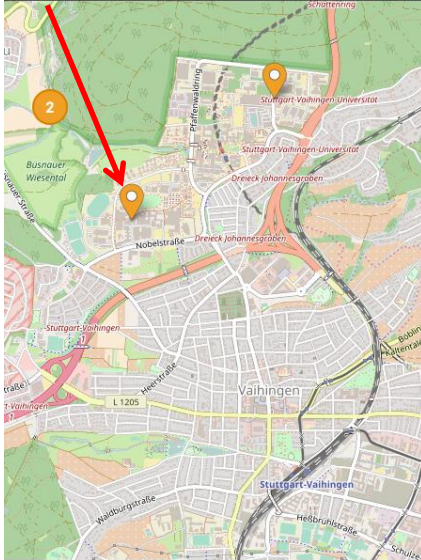
14 examples listed at <http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

-  Hubs as a tool for technology transfer, individually initiated by various BW institutions of higher education, applied science and R&D-institutions
 -  DE-HUBs: network of 12 thematic hubs aiming at international visibility, federal initiative (2016-17), regionally financed
 -  Mittelstand 4.0-Competence Centres: federal initiative (2015), network of 20 (mostly) production oriented hubs
- **What digitisation support is available to SMEs in the subregional areas?**

-  BW Regional Hubs: current call for proposals, financed by region, aims at cross-sectorally working institutions addressing the needs of SMEs in their vicinity



Mittelstand 4.0-Kompetenzzentrum Stuttgart



- Transfer project
- Operational centre for implementation of strategy
- www.digitales-kompetenzzentrum-stuttgart.de
- Head: Joerg Castor, joerg.castor@iao.fraunhofer.de
- Find more about us: <https://goo.gl/NaC9Hs>
- Organised as a **consortium of associations (A) and research institutes (RI)** with
 - **Host organisation** Fraunhofer IAO and
 - **Partners** Fraunhofer (RI), FZI Karlsruhe (RI), Steinbeis (RI), VDMA (Mechanical Engineering Industry Association of Germany)(A), IHK (Chamber of Industry and Commerce)(A), BWHM (business development agency for craft trades and medium-sized companies)(A)

Mittelstand 4.0-Kompetenzzentrum Stuttgart

- **Services offered:** “information, demonstration, qualification” and support of micro and macro projects regarding the implementation of digitalized processes and/or business models for SMEs
- **How does it connect to the services provided?**
Via specific workshops and events for SMEs, open lab days and specific events in various demonstration labs and showcases, multi channel PR strategy
- **Main issues – good practices and challenges?**
Main challenge: contact to not-yet-involved SMEs
Good practise: mix of partners in the consortium: (A) and (RI)
- **Public funds** from the Federal Ministry for Economic Affairs and Energy BMWi; funding priority “Mittelstand-Digital”, Initiative “Mittelstand 4.0” for national activities only

Interaction DIH – RIS3 and Collaboration

- **Feedback to the S3** via networking workshops under the auspices of the Ministry of Economics, Labour and Housing BW (WM);
- **Good Practice**
 - The Ministry in charge of the RIS3 actively encourages the development of activities / projects / institutions supporting the RIS3 goals from all possible sources (federal, regional, EU, private...)
 - The partners involved in the DIH see to it that it meets the regional needs
- **Nationwide network** within Initiative Mittelstand 4.0; various other national®ional partners
- **Synergies** via regular meetings and exchange between all competence centres and agencies within the initiative "Mittelstand 4.0", common PR strategy. Overall management and PR support by a specific agency for project management and accompanying research
- **Content:** Industry 4.0, IT-Security, development of business models for SMEs
- **Interregional interest** in general exchange of ideas and practises
- **Good Practice/Challenges**
 - Support and networking among all centres and agencies involved, e.g. via close coordination within professional groups
 - Organising synergetic and continuous collaboration of different hubs and initiatives