

TechnologyRegion Karlsruhe CyberForum e.V.

Mentoring Workshop
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Maribor, Slovenia



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TechnologyRegion Karlsruhe

Figures & facts

- Comprises one regional federation, ten cities, and four counties
- 1.25 Million inhabitants
- > 70k companies
- 450k employees (1/3 employed in „technology-intensive“ sectors (hightech, IT, automotive...))
- over 4.000 IT Companies with staff of 30.000+
- 2x more IT staff per capita vs. total Germany

Rankings:

- TechnologyRegion Karlsruhe is ranked 2nd among German and 25th among a total of 214 Western European regions!! (economy)
- #2 in IT Start-Ups per capita
- #4 of European ICT hubs (after Munich, London, Paris)

Competence emphases of research and industry:

- ICT, nanotechnology, microsystems technology, mechatronics
- Chemical technologies and material engineering
- Robotics, process and production technologies
- Automotive engineering, energy technologies
- Environmental and biotechnologies
- Process engineering, medical technology

Triple-helix cluster development

- Smart City triple-helix cluster (network) is already established
 - A) Smart City initiative Karlsruhe (triple helix)
 - B) CyberForum in innovation board & innovation circle involved (triple helix)

Potential URBAN INNOcluster project partners from your region:

- PPA: FZI, KIT, Fraunhofer institutions
- PPB: TechnologyRegion Karlsruhe, City of Karlsruhe or cities / municipalities of the TechnologyRegion Karlsruhe

CyberForum´s ambitions

What are your ambitions as concerns Smart City development, especially in terms of pilot actions:

- big open data: new business models
- mobility (integration - ICT)
- energy (integration - ICT)
- Smart Quarters: combining different aspects of „smart“

Strategies

What does your national/regional Smart Specialization Strategy say on Smart Cities/triple helix clusters/urban innovation. Any other strategies?

The RIS3 of the City of Karlsruhe comprises following topics:

- *Energy: The zero energy quarter*
- *Mobility & traffic: The low emission quarter*
- *People & quality of life: The quarter built around people*
- *Administration & security: The quarter formed by people*
- *Trade, logistics & supply: The quarter of short distances*

The RIS3 of the state Baden-Wuerttemberg comprises following topics:

- *Sustainable Mobility*
- *Environmental Technologies*
- *Renewable Energy and Resources Efficiency*
- *Health and Care*
- *ICT, Green IT and intelligent Products*