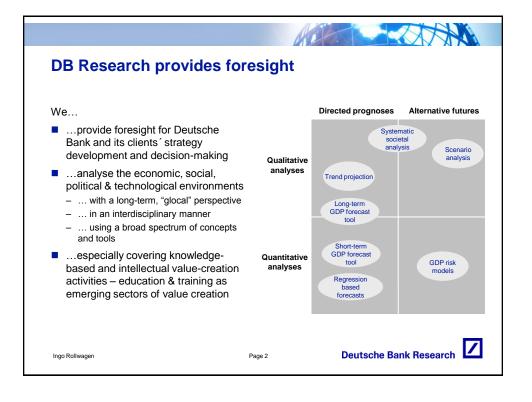
Project-economy approaches of Higher Education Institutions...
... for more prosperous and purposeful regional development

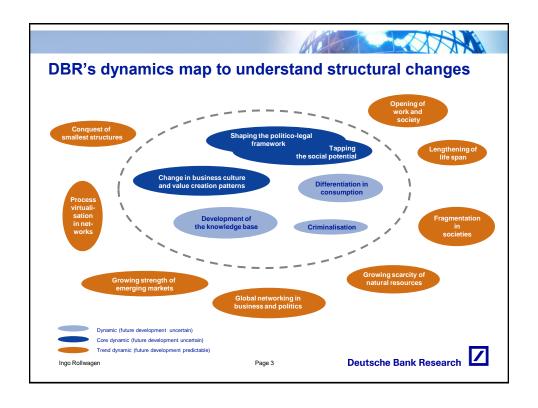
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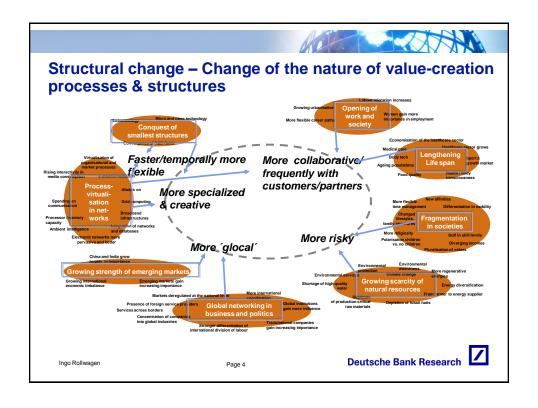
Higher Education in Regional and City Development:

Profect regions
OECD Conference February 10th, 2011

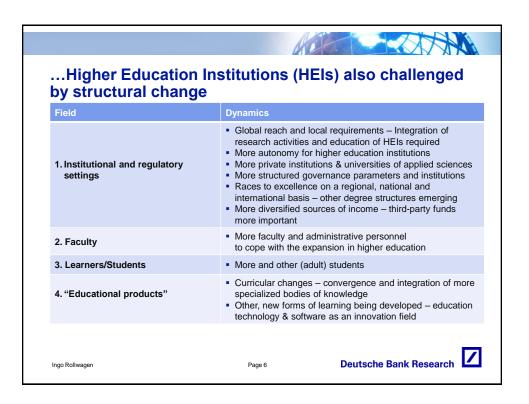
Project-economy approaches of Higher Education Institutions...
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Structural Change – Regions and Cities challenged		
Value-creation activities getting	Regions/Cities should	
more glocal	be more open; intensify local and global partnering	
more risky	foster financial resilience, financial literacy & entrepreneurship	
more temporally flexible/faster	develop a more broad temporal repertoire with mid & long-term view	
smarter; more specialized	foster smarter infrastructures concerning information, mobility of goods and people, health, buildings & creativity	
collaboratively; more frequently with partners, peers & citizens	develop more open governance structures for more open innovation with more partners and innosumers	







Reflections on existing initiatives of project-economy approaches for more prosperous regions

- The complementarities of challenges and the definition of goals and time horizons have been important to form `expeditions` of heterogeneous actors: Cities challenged to be more sustainable – economically and ecologically; HEIs challenged to develop new knowledge and curricula; companies anticipating skilled personnel shortages
- Project-economy approaches have been driven by pioneers and peers, companies as promoters and financiers have been important
- The local context, social capital and the embeddedness matters
- The set-up of consortia for projects, partnerships, platforms and alliances and the definition of legal and operational details as well as the task division within these have been facilitated by peer-effects
- HEIs are mainly in the role of the supplier of knowledge and research-based consulting for other players
- The nature of third-party and project funding for HEIs tends to behold relatively short-term orientations, continuity still lacks in many projects

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Project-economy approaches of Higher Education Institutions & regions for more prosperous development...still a frontier/room for improvement

For regions/cities becoming	HEIs and regions together could think of
more prosperous (economically)	 setting up more local interregional/international projects partnering for using synergies of research organizations & HEIs consistently profiling their regions with peers from industry providing more perspectives with new forms of science-industry collaboration, venturing activities and employment (e.g. MaRS discovery centre Toronto)
stronger/more financially resilient	 experimenting with new financial solutions for integrating more different actors leveraging investments & sharing financial burden experimenting with new forms of taxation, technology transfer and entrepreneurship schemes
smarter	 supporting and professionalizing the development of local governance structures and local decision-making by training (learning journeys)
more innovative, explorative	 co-developing of new technologies and new applications and solutions in sustained partnerships

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Outlook - Challenges to make regions and HEIs more prosperous (1)

Products

 More differentiated "products" – more combinations of tangible goods and intangible products, socalled hybrid products and integrated service solutions of regions and HEIs needed especially when it is about smarter infrastructures

Paradigms

 More work on paradigms and the standardization of technologies and practices, platforms & applications needed

Pricing

More differentiated pricing and gain-sharing arrangements and forms of employment needed

Persons

 More subtle educational products and courses needed to re- and up-skill more people in coming to grips with innovative solutions; more projects for integrating consumers needed transforming them into "innosumers" who co-create & use services also for conspicuous consumption

Pioneers and promoters

 More support and new forms of employment and institutional schemes needed for pioneers and promoters/entrepreneurs in HEIs and regional settings

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Outlook - Challenges to make regions and HEIs more prosperous (1)

■ Projects/Partnerships/ Peers/Partners and Platforms

- Many more explorative development & implementation projects needed
- More structured partnerships with more heterogeneous partners and peers from industry needed
- Management of multi-project setting, programs, partnerships and platforms, also in modified forms of sustained collaboration (alliances, joint ventures...) needed
- Platforms and other forms of institutionalization needed not always centers instituted IN the HEI, but structures with an own business model and sound structures for managing projects providing a platform, finance, contacts, centers (e.g. MaRS)

Processes

- More continuous processes with follow-up projects and sustained impetus needed
- More open processes, more integration of other communities needed
- More accountability measures and efficiency considerations needed in processes

Purposes/Parameters/Performance (Indication/measurement)

- Non-profit, not-for-profit, for-profit activities need to be increasingly mixed to diversify revenue streams in regional project settings
- More structured service learning activities needed

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Thank you for your attention!

Looking forward to your remarks and questions!

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Cases

- Smart wheels project for developing intelligent electro-mobility solutions for the model region Aachen: consortium of FEV Motorentechnik GmbH, RWTH Aachen (Forschungsinstitut für Rationalisierung (FIR), Forschungsgemeinschaft für Elektrische Anlagen und Stromwirtschaft e.V. (FGH), Institut für Hochspannungstechnik (IFHT), Institut für Kraftfahrzeuge (ika), Institut für Stromrichtertechnik und Elektrische Antriebe (ISEA), Lehrstuhl für Verbrennungskraftmaschinen (VKA)), MENNEKES Elektrotechnik GmbH & Co KG, regio iT aachen Gesellschaft für Informationstechnologie mbH, Stadtwerke Aachen Aktiengesellschaft, InnoZ (www.smartwheels.de)
- TU (Technical University of Berlin) for field tests of electromobility solutions
- Higher Education Cities of the German National Association for Student Affairs, German association of cities and German Rectors conference
- MaRS Discovery District Toronto, Canada

