



Research Project Global Innovation Internationalization of Research & Development

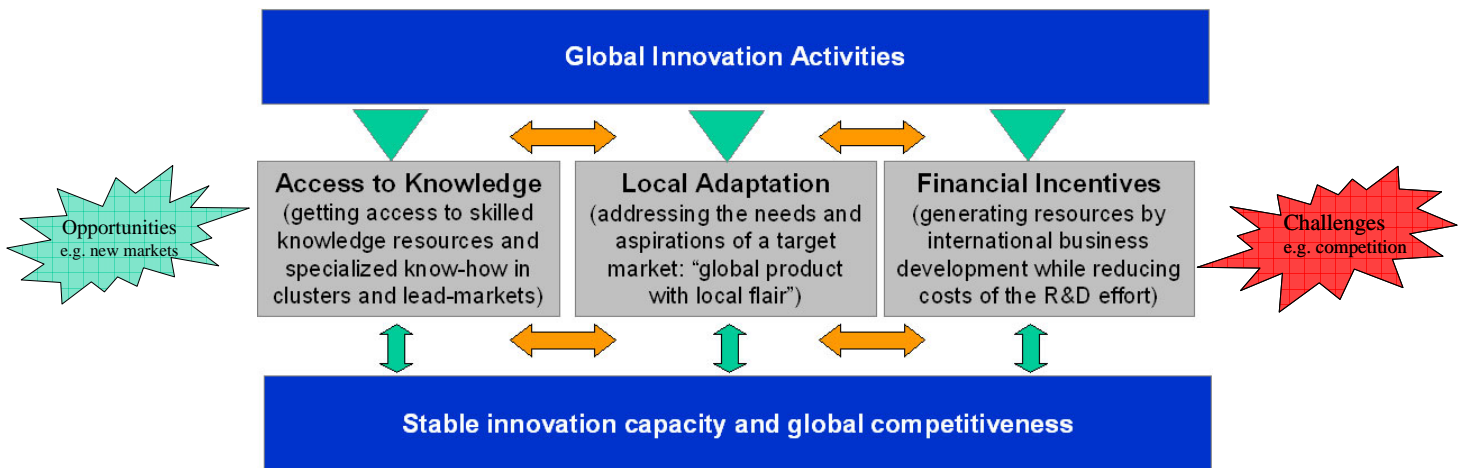
Research Project

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I. Project Background

A strong trend of globalization of innovations ("Global Innovation") may be observed across all countries actively participating in the global economy. Latest figures suggest that affiliates of foreign firms spent 12.6 billion euros for R&D purpose in 2005 in Germany, whereas foreign affiliates of German firms spent 11.4 billion euros on R&D abroad. This phenomenon has now also spread to emerging countries with reputed scientific capabilities, which is reflected in the increasing number of offshore research and development (R&D) centers located in emerging economies such as China and India. The activities are often organized in the form of offshore captive centers, international joint ventures, or third-party R&D service providers (contract R&D).

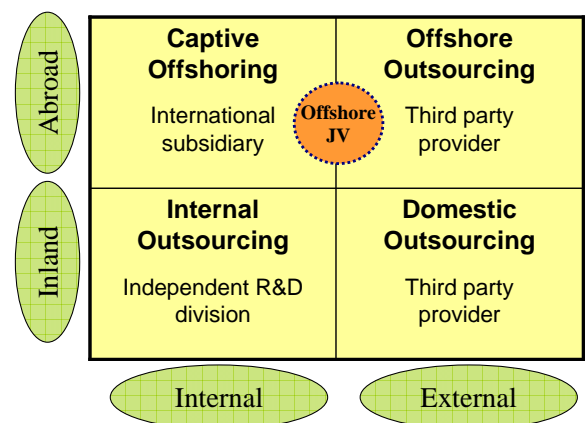
"Global Innovation" is a research project of the Institute of Technology & Innovation Management launched in January 2007 to understand the impact of Offshore R&D. It aims to observe, analyze and forecast developments in the field of global innovations, in close collaboration with industry, academic and public-sector partners.



II. Research Issues

The research in this project is focused on finding answers to issues such as:

- The role of outsourcing/offshoring in the R&D strategy of firms
- Optimal organizational forms for offshore R&D engagement
- Advantages and possible risks involved
- Critical success factors
- Attractive R&D locations for individual branches
- Lessons for small and medium-sized enterprises (SMEs)



III. Research Focus

The research work is focused on following industry sectors:

- Aeronautics and Aerospace (Civil Aviation and Space Research)
- Automotives and Automotive Components Industries
- Information and Communication Technologies (ICT)
- Mechanical Engineering
- Pharmaceuticals and Life Sciences

Even though not exclusively focused on a single region, the research project pays special attention to emerging R&D locations such as China and India. First results are expected from Autumn 2007 onwards.