

Holistic Vision to Science and Technology Parks for Internationalization-The Egypt-Japan University of Science and Technology Prospective

September 23, 2013 – 1615 hrs

Science parks aim to foster the development and growth of knowledge-based economies by bringing together scientific research with governmental organizations and business support and development programs in one physical location. For establishing a system of effective science and technology parks, the triple-helix model of innovation, converging academia, government and business sector, may be used. The government identifies research priority areas as societal needs and makes government funds available for joint-research for early phase of concept and finance joint SME and Academia. Economic growth is mainly driven by the ability to harness the power of science and technology through innovations coming from SME's. Industry should encourage clustering and SME's to build their capacities in essence of equipment funding, tax incentives, and HR development. In Islamic world Academia should facilitate creation of spinoff companies and allows academics to have equity positions to reduce brain drain and provide strong financial incentives for Academics to get involved with industry.

In Egypt-Japan University of Science and Technology, E-JUST, the plans, strategies and charter to develop holistic vision to science and technology parks to sustain Internationalization values are dealt with.

Type: Technical Session 1B

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