TECNOLÓGICO DE MONTERREY®

"University Industry collaboration in research projects -the positive aspects of technology transfer-"

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Content

I. Tecnológico de Monterrey
II. TEC- Network of TTOs
III. Positive perspectives of TT
IV. General Model of R&D&I
V. Collaboration between Industry and Academia

I. Tecnológico de Monterrey

Some numbers related to research (2000-2013)

- 304 patent applications submitted, 54 patents granted, 34 commercialized.
- 272 researchers within the Mexican National System of Researchers,
- 152 research groups with 714 professors and 1955 students participating
- International research allied in the fields of Biotechnology and Food, Mechatronics, ICT, Sustainable Development, Medicine, Public Policies, and Strategy and Global Business.
- 2013 Investment in Research and Innovation projects: total 37.5 Millions USD (aprox. 30% internal, 70% external sources).
- 531 projects running in 2013.

II. TEC- Network of TTOs

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III. Positive perspectives of Technology Transfer

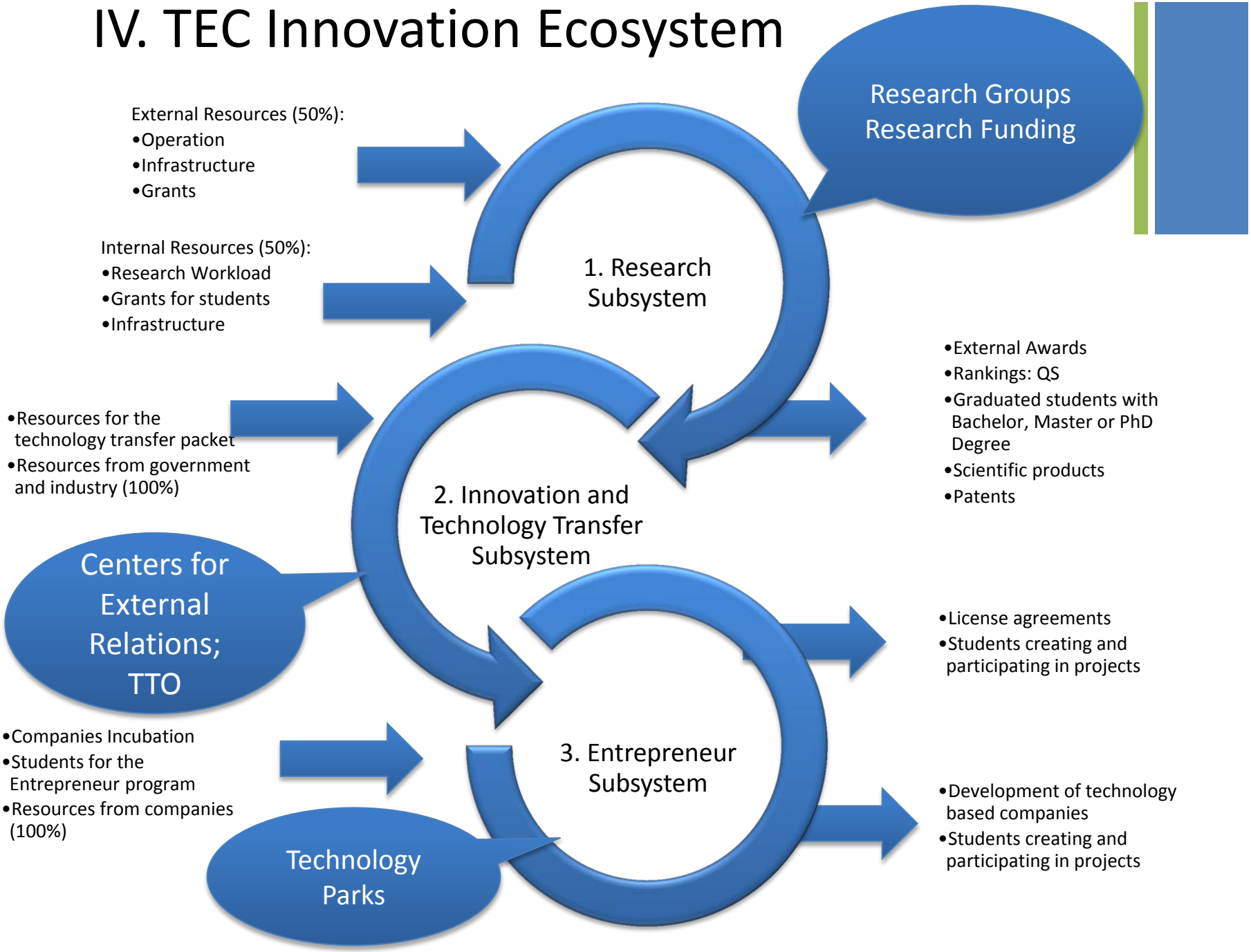
Definition of Technology Transfer:

- The transmission of know-how (knowledge) which enables the recipient enterprise to manufacture a particular product or provide a specific service. (Baranson, 1970)
- A process by which ideas and concepts are moved from the laboratory to marketplace (Phillips, 2002; Williams & Gibson, 1990)
- Transfer of technologies in cases of manufacturing processes requires not only the transfer of technological knowledge in the form of process sheets, blueprints, products, and materials specification, but also the transfer of know-how of high-calibre engineering and technical personnel. (Farhang, 1996)

III. Positive perspectives of Technology Transfer

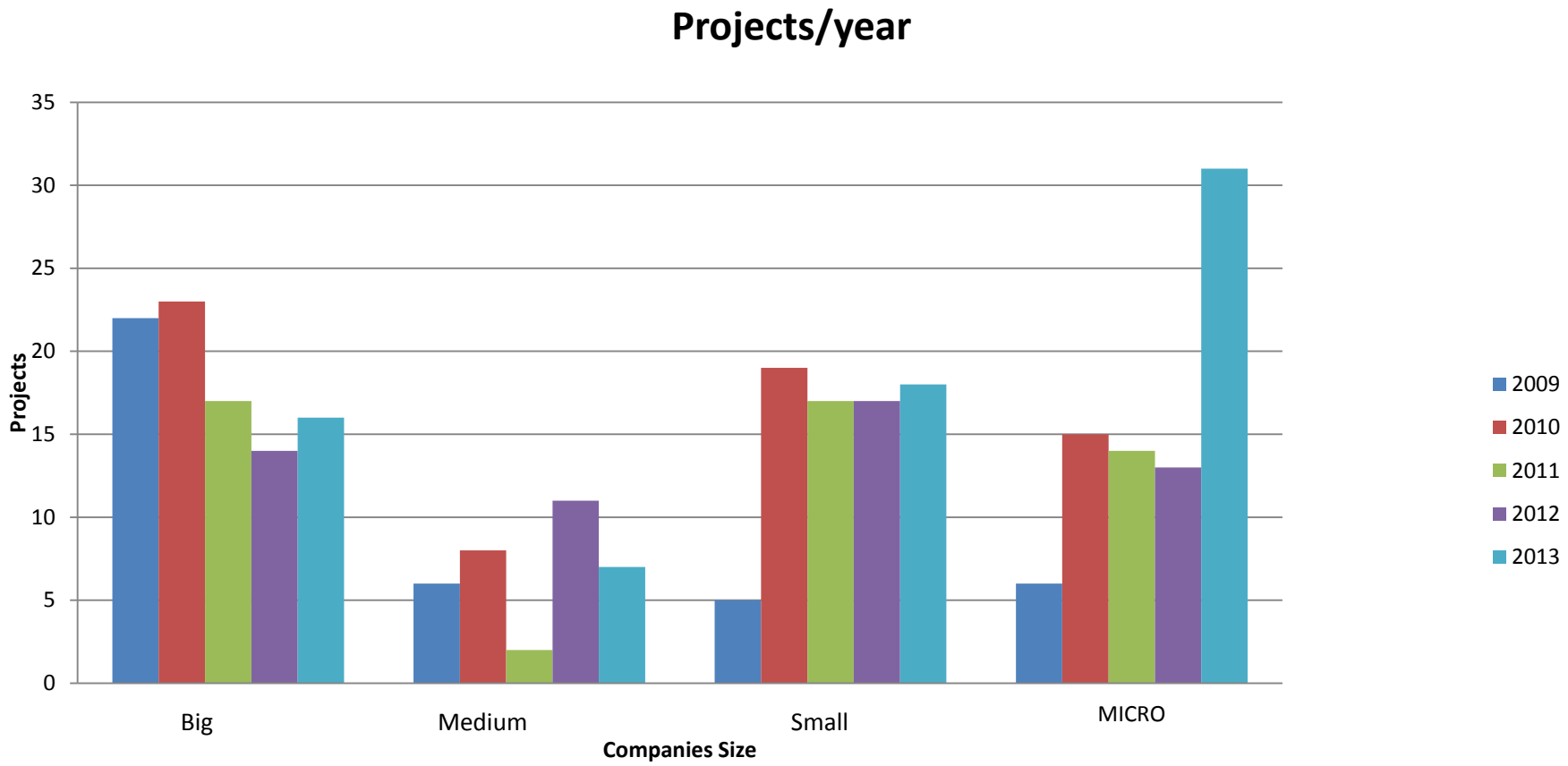
- Partnerships are built through the process which can provide a longer stream of secure funding supporting research work;
- Partnerships are built on trust and understanding;
- Professors and graduate students connected with the key research interests of a company or even guiding the research interests are formed.
- Research is engaged for the benefit of the industry and society.
- Competitiveness in companies is raised.

IV. TEC Innovation Ecosystem



V. Collaboration in R&D&I projects between TEC and companies

case: Mexican Innovation Stimulus Program -CONACYT



Source: Market Study, TTO-CCM, 2012

Thank you for your attention

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