

Industry Links for higher education in Vietnam

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My Profile

- Education: Marine Construction Engineer, MA in Development Economics, PhD in Project Finance.
- Experience: Over 20 year-experiences in large scale project management: JICA, WB, Mitsui & Company.
- Current: PhD Candidate in Management at Univ of Evry Paris Saclay (France), Lecturer in Univ of Finance-Marketing (Vietnam), consulting services to investors for large scale project development and management in Vietnam

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1.University-Industry Cooperation in briefs

- Carla Mascarenhas (2018): (1) Absorption Capacity, Knowledge and Competitiveness in University–Industry Relations, (2) Impact of Knowledge Spill-overs on University–Industry Relations, (3) Strategic Alliances for Industry Innovation, and (4) University–Industry Cooperation.
- Four research strands: (1) Innovation research & development (R&D); (2) Strategic alliances and technology transfer; (3) Knowledge transfer and intellectual property; (4) Entrepreneurial universities and the triple helix.

2. Benefits of Univ-Industry cooperation

Benefits	University	Industry	Government
Financial	Industry pay & public grant □ higher income.	Lower cost of R&D; public grants □ Financial benefits; Sharing risks.	Easier to justify budgets for big science centers as 'hidden' benefits are obtained.
Technological	Shared of firm's equipment/materials; experts, technological experience.	Shared of university's labs, Technological advances, radical innovations; R&D collaboration projects.	Exploitation of technological spill-over
Strategic	Scientific breakthroughs and progress; Access to managerial experience.	Potential employees (university students); Creating strategic alliances; Maintaining/Improving competitive advantage.	Emergence of new technology-based industries; Strengthening of the regional innovation system; Increasing economic development.

3.Univ-Industry Cooperation in Practices

- The firms focus on:

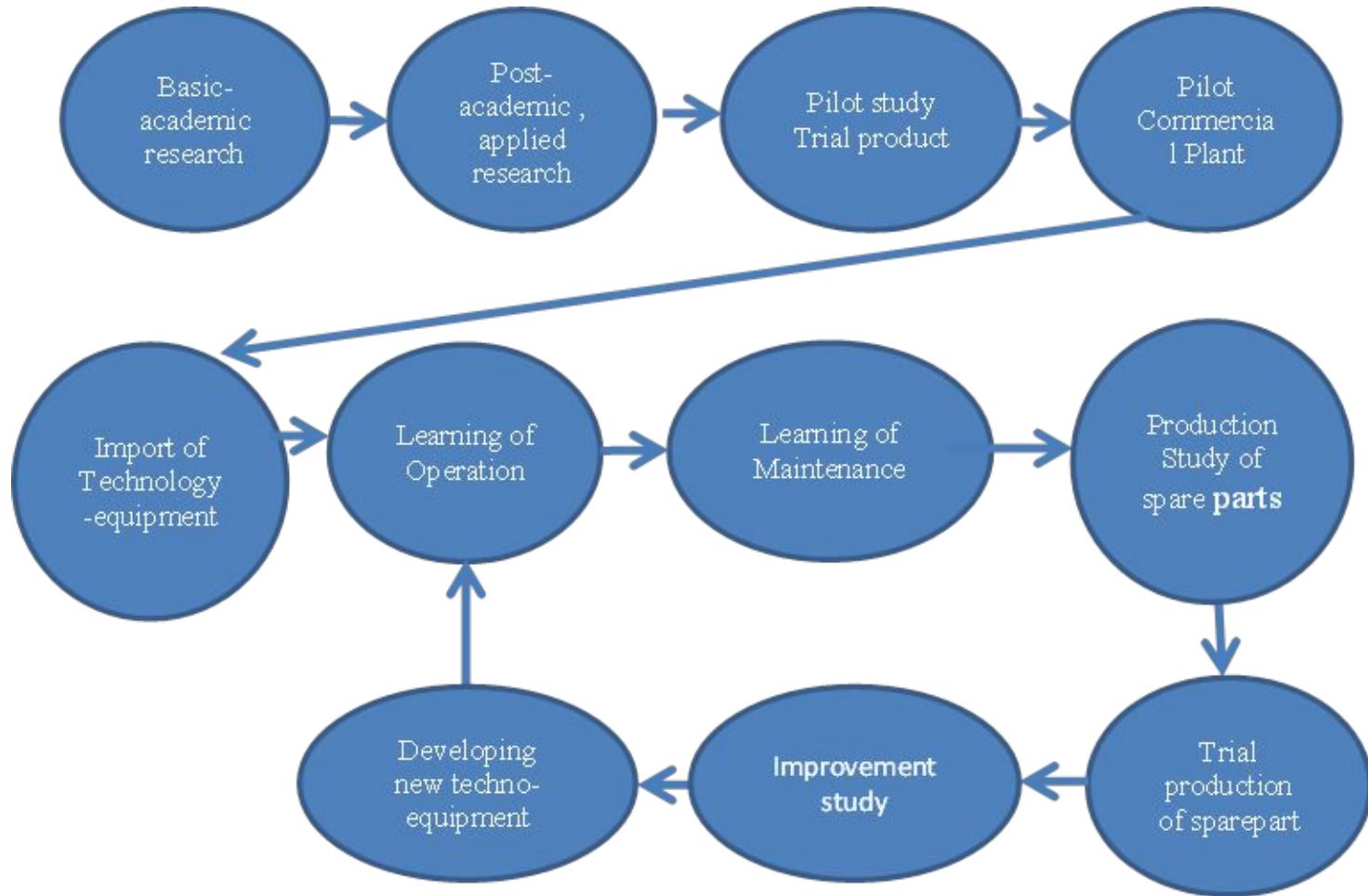
(1) employing talent students & (2) new technology-engineering.

- The university focus on:

(1) Higher income; (2) better brand-name; (3) Practical knowledge for better job

□ (1) Exchange of lecturers/experts for professional training; (2) Cooperation R&D; (3) Innovation start-up

Technology-engineering development



3.Univ-Industry Cooperation in Practices

- **3.1 Exchange of lecturers/experts for professional training.**
- **3.2 Cooperation in research and development (Patent/Licenses).**
- **3.3 Innovation and start-up**

4.Trends in higher education

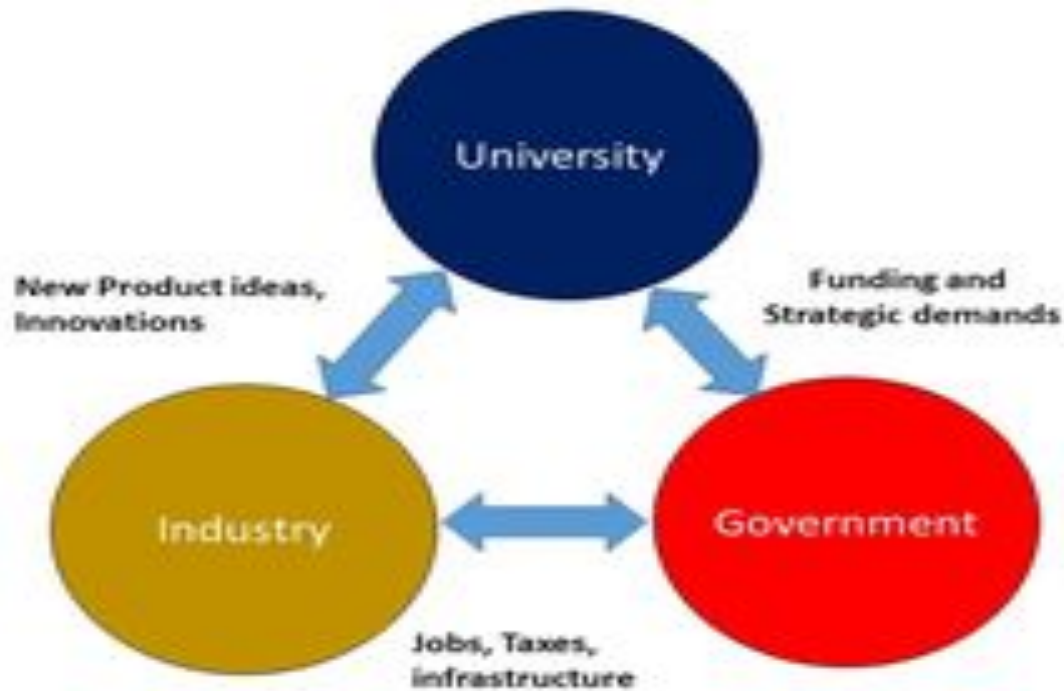
- (1) Supporting Student and Staff Wellbeing is Critical;
- (2) Flexible Learning and Working Options Are Here to Stay;
- (3) Student Career Pathways are Top of Mind;
- (4) Universities Explore New Business Models;
- (5) Learner and Institution Success Requires Innovation

As Jason Belland (2021)

5. Recommendations for univ-industry in Vietnam

- 5.1 Diversifying lecture/researcher as tenure position in the University.
- 5.2 Diversifying of master/doctoral training toward professional work.
- 5.3 Legally allowing universities to form the joint venture companies
- 5.4 Policies to force companies for salaried student internship

Model of Triple Helix



Discussion

Thank you very much for kind attention from all
of you