International Research Partnerships between Switzerland and Indonesia, Malaysia, Thailand and Vietnam

11-12 June 2014, Singapore ETH Centre SEC, Singapore

Workshop under the Mandate of the Swiss State Secretariat for Education, Research and Innovation (SERI)
Singapore-ETH Centre for Global Environmental Sustainability (SEC)

- First research centre of ETH Zurich outside Switzerland
- Established 2010 through legal agreement between ETHZ and Singapore’s National Research Foundation
- Part of NRF’s CREATE campus
- Platform for Future Cities Laboratory (FCL)
- Other programmes planned (Future Resilient Systems)
Future Cities Laboratory (FCL)

**OUR MISSION:**
- Producing knowledge and ideas for a sustainable urban future

**OUR RESEARCH:**
- Understanding urban systems in their full complexity
- Providing tools to improve construction, management and planning
- Shaping the future: developing scenarios for urban development

**OUR APPROACH:**
- Multi-disciplinary: architecture, engineering, natural and social sciences
- Multi-scale: buildings, districts, cities, regions
- Transdisciplinary: partnership with stakeholders; dialogue with society
Some experiences of SEC

• New partnerships with Singaporean and other universities
• New research opportunities for our faculty
• Building bridges across disciplines
• Practical relevance ensured by engagement with government agencies and industry
• Forum for new ideas – dialogue with society
• Entrepreneurial - encouraging spin-offs
• Exceptional educational opportunities
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But it takes time, patience and hard work!