

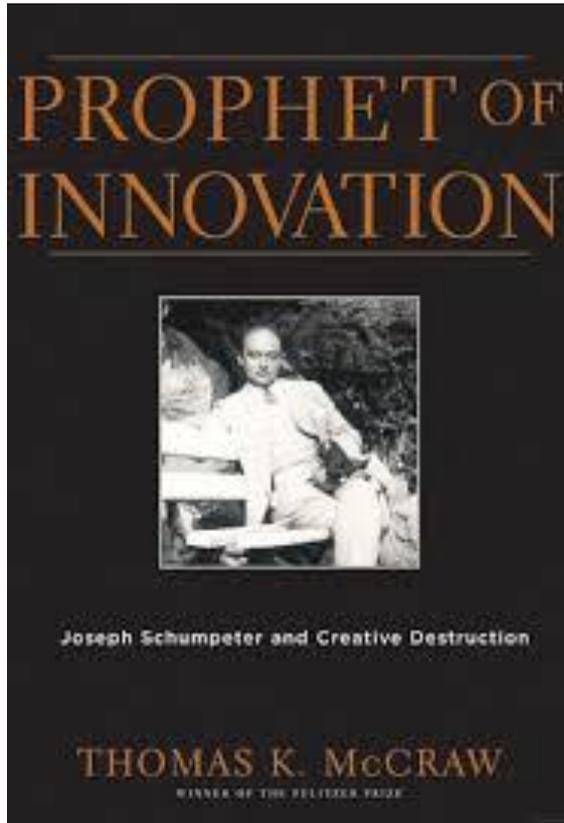
MANAGING INNOVATION ECOSYSTEMS

HARNESSING RESEARCH AND INNOVATION FOR FOOD 2030: A SCIENCE
POLICY DIALOGUE

PROF DR WALTER VAN DYCK

OCTOBER, 16 2017
EU, BRUSSELS

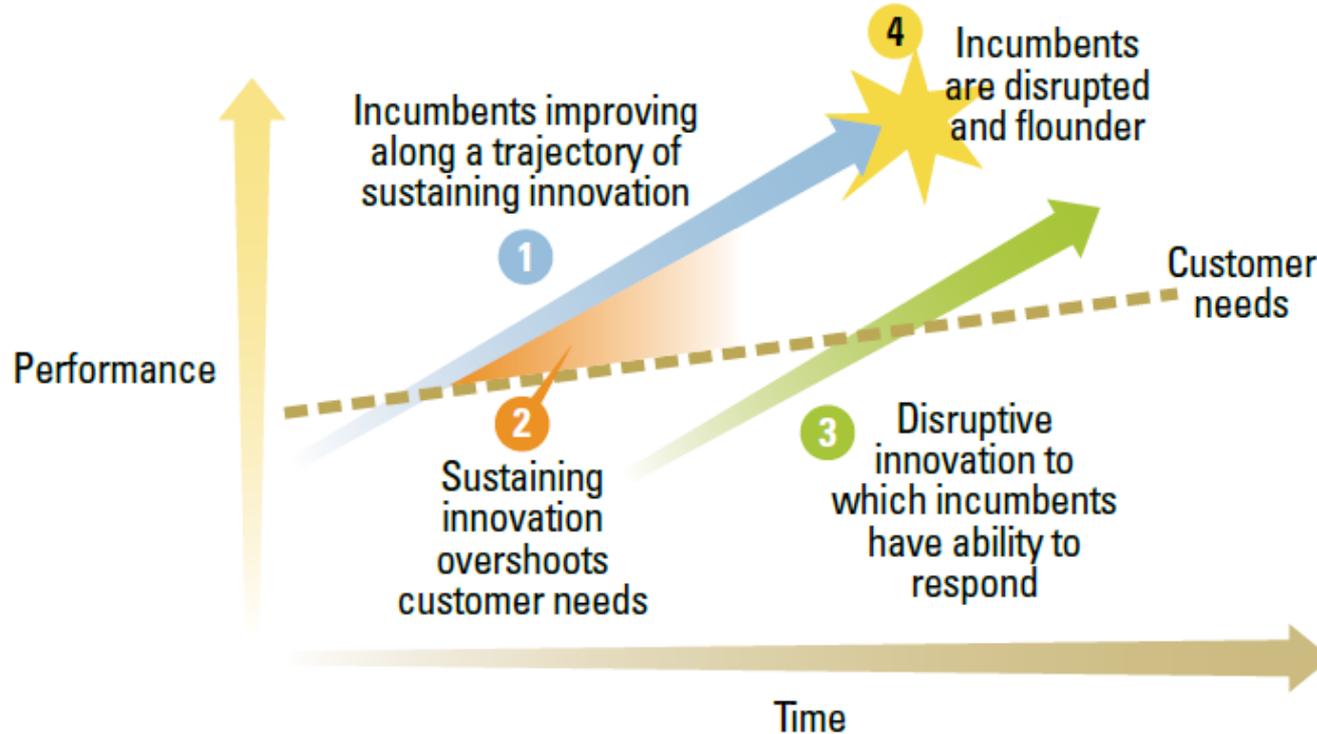
ABOUT THE SOURCES OF INNOVATION: LARGE-SCALE COMPANIES OR ENTREPRENEURS? OR MAYBE BOTH?



- An entrepreneur is innovative, has foresight, and creativity
- Entrepreneurs are large-scale businesses while small entrepreneurs imitate rather than innovate

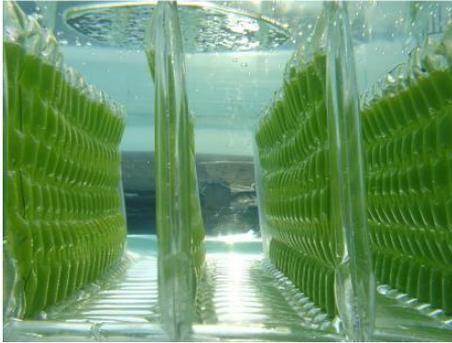
Joseph Schumpeter,
Innovation Theory (1949)

CHRISTENSEN'S DISRUPTION THEORY: POCKETS OF DISRUPTION (COMPLETELY?) OVERTAKING INCUMBENT MARKETS

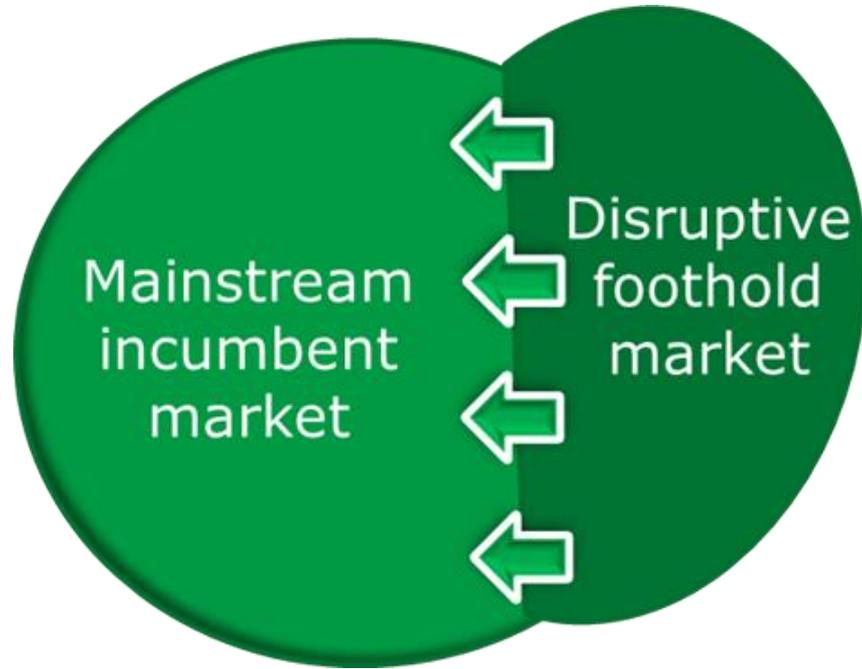


King & Baatartoghtok, 2015 on Christensen's Disruption theory

(TECHNOLOGY-BASED) BUSINESS MODEL INNOVATION WITH MARKET DISRUPTION POTENTIAL



DISRUPTION IS A PROCESS THAT GRADUALLY MODIFIES THE DOMINANT INNOVATION ECOSYSTEM AND ITS TARGETED MARKETS



ECOSYSTEMS INCREASINGLY CHARACTERIZED BY INDUSTRY CONVERGENCE CONDUCTING OPEN INNOVATION

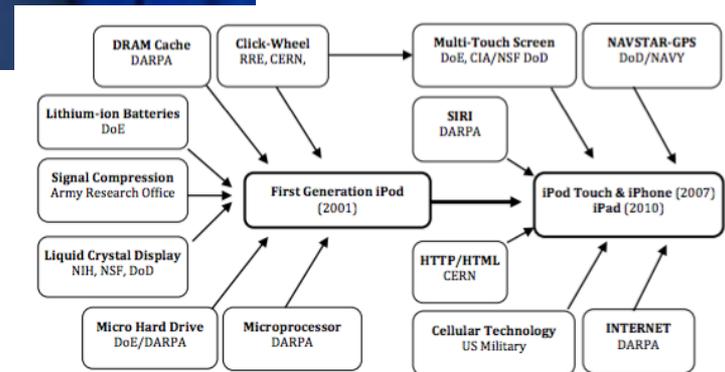
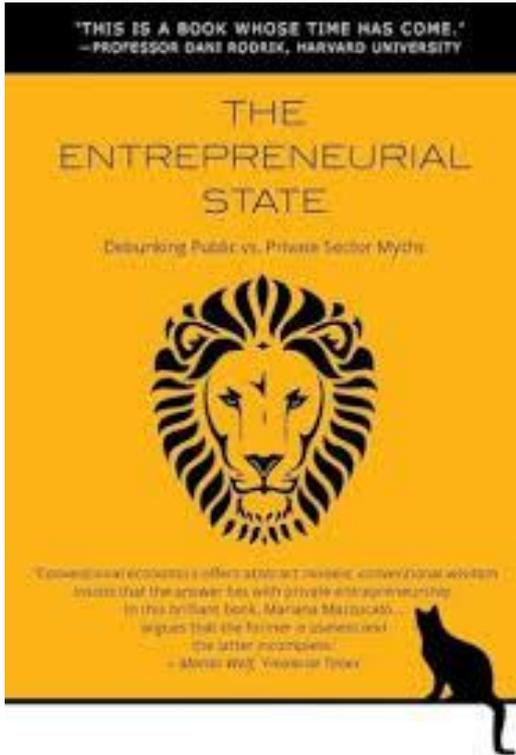


Nestlé and Samsung to collaborate on digital nutrition and health

Jul 28, 2016



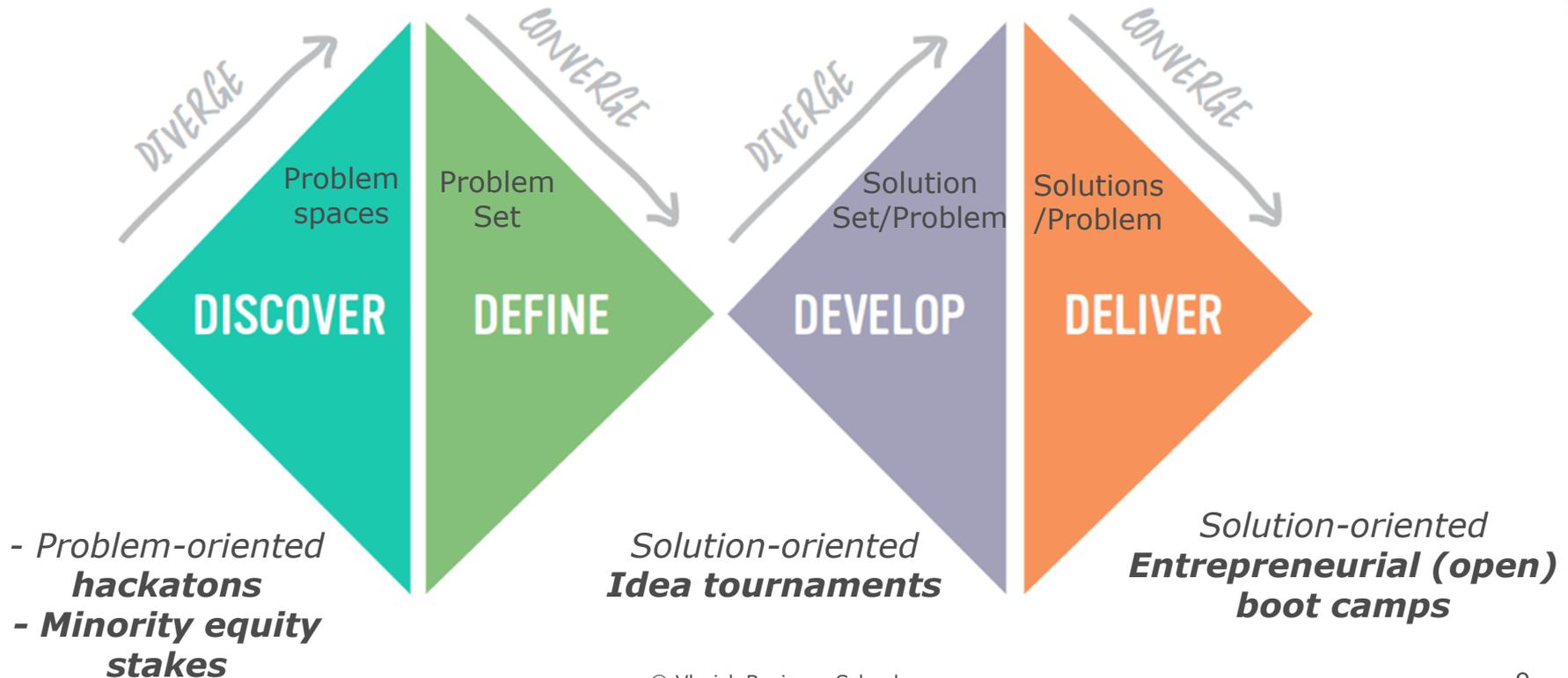
FINDING THE RIGHT PUBLIC-PRIVATE BALANCE IN THE TRIPLE HELIX ECOSYSTEM MONETIZING INNOVATION



DUTCH FIELDLAB EXPERIENCE: AN INNOVATION KNOWLEDGE ECOSYSTEM FIGHTING SYSTEM FAILURE



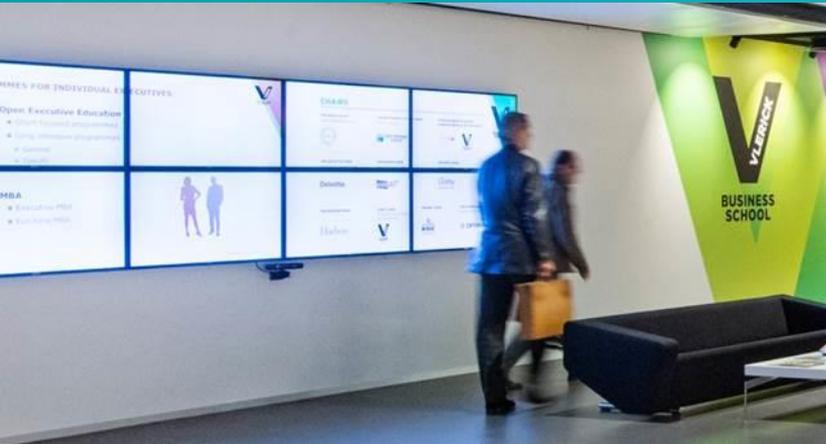
OPEN PLATFORM-BASED DESIGN THINKING: LARGE-SCALE INNOVATORS ENGAGING WITH THE ENTREPRENEURIAL INNOVATION BUSINESS ECOSYSTEM



CONCLUSIONS

- Innovation happens in ecosystems increasingly characterized by industry convergence
- Emerging knowledge ecosystems gradually convert into business ecosystems
- There's a key role for public institutions to fight innovation ecosystem failure during knowledge ecosystem emergence, stimulating knowledge to business ecosystem transition
- Open innovation in platform-based entrepreneurial innovation ecosystems is the future

*The future is here and now
Can FOOD2030 bring direction?*



THANK YOU!

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