

The Role of Accelerators in Global Innovation Networks: Impact of the CAIP Program

Preliminary Findings

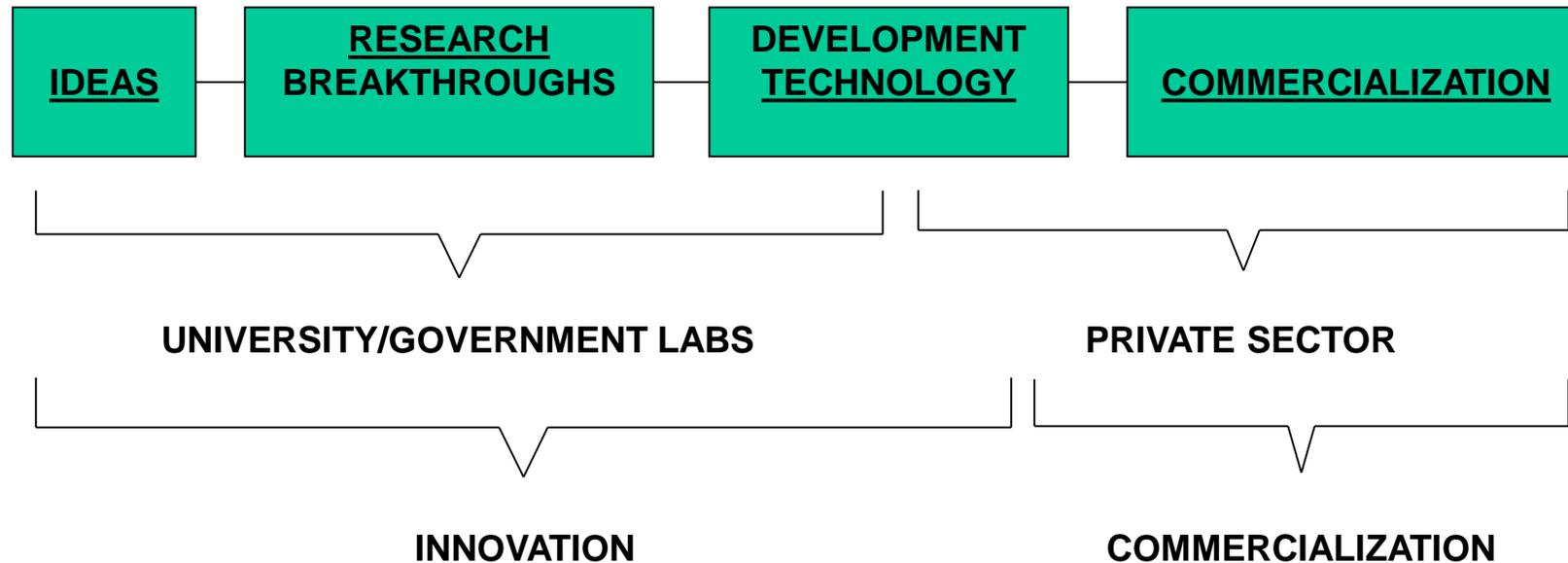
Mark Robbins and Jeffrey Crelinsten



Context

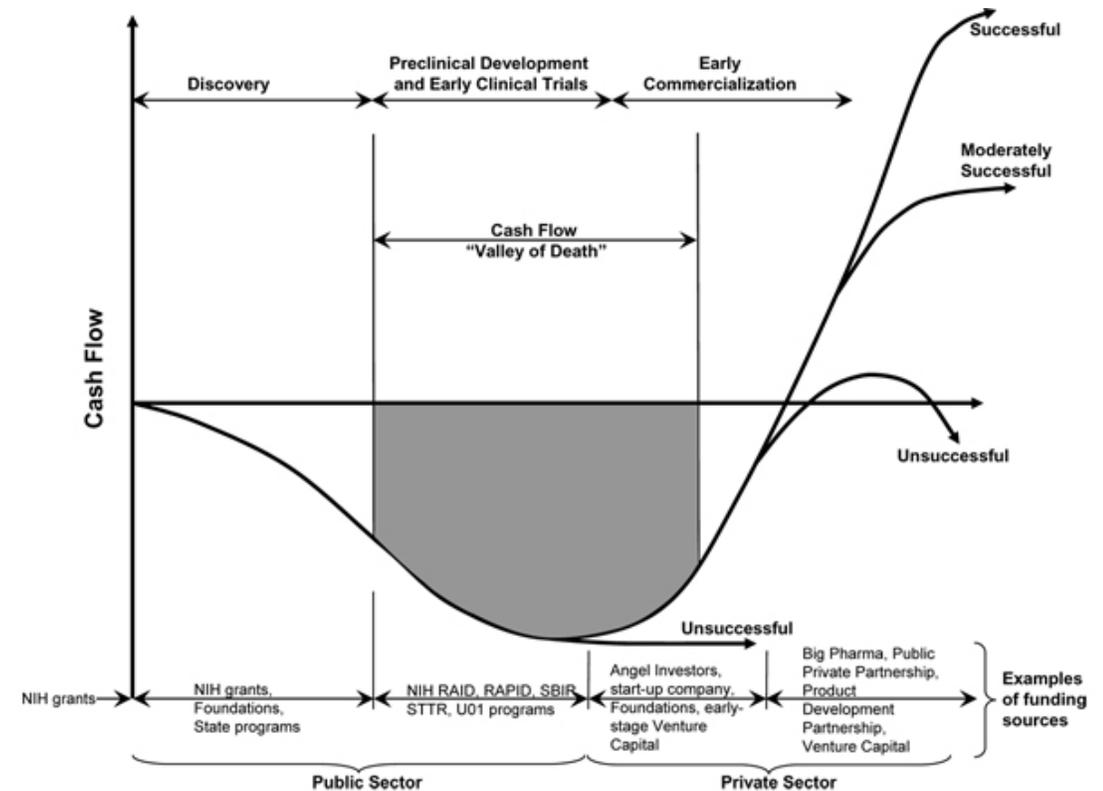
Innovation model determines program goals and strategies

Innovation Model: Academic



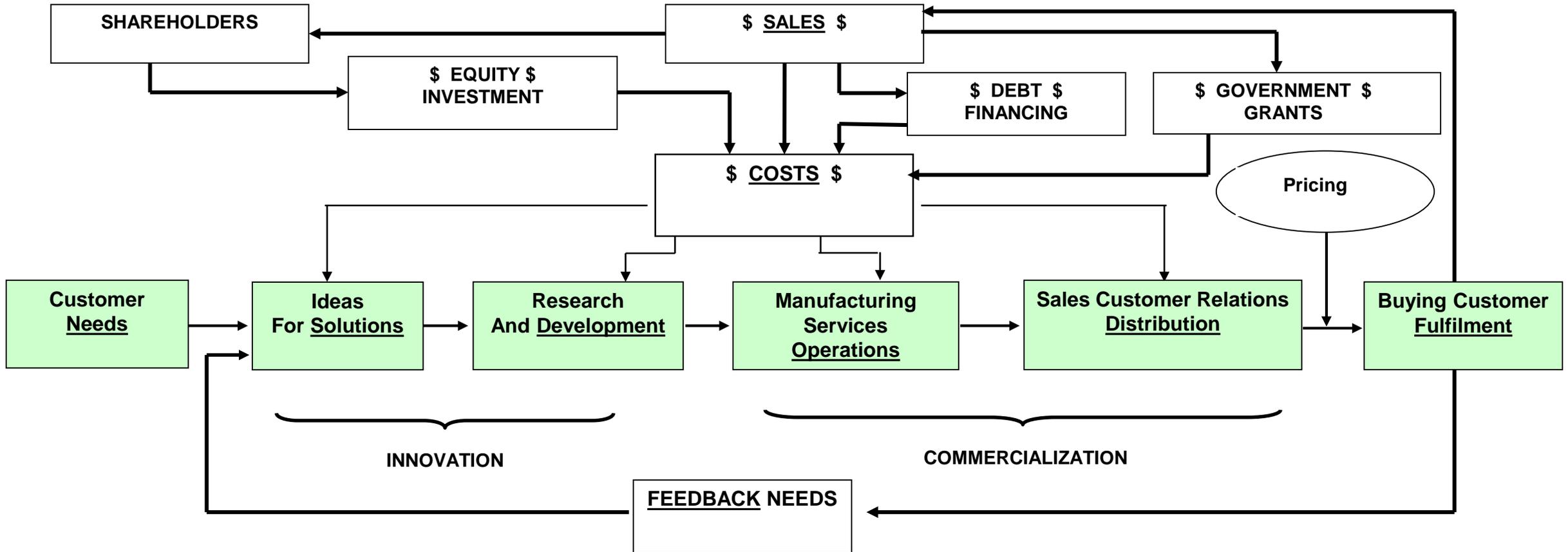
Context

- The Innovation “Valley of Death”
- Innovation Intermediaries
 - Technology Transfer Offices
 - Research/Science Parks
 - Incubators
 - Accelerators?
- ICA Survey

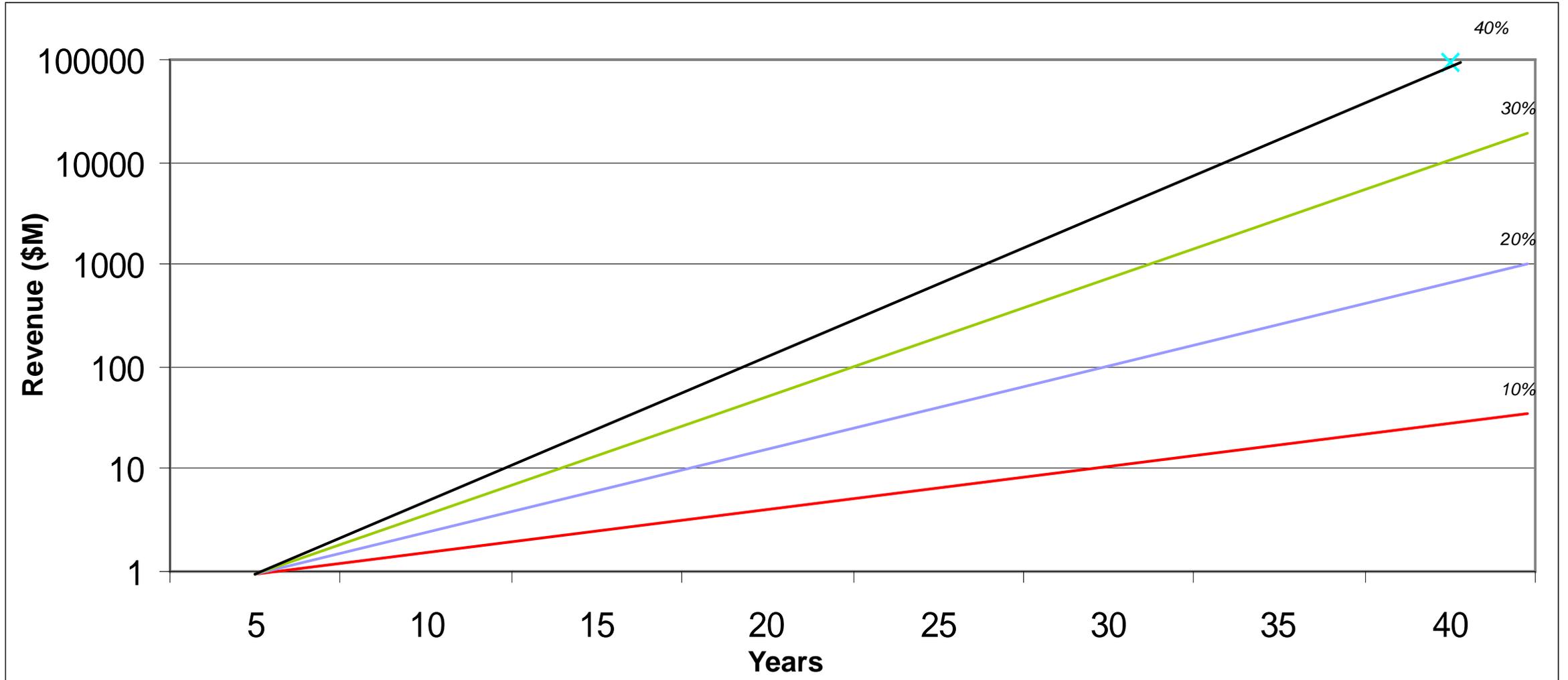


Source: Steinmetz and Spack (2009)

Innovation Model : Reality

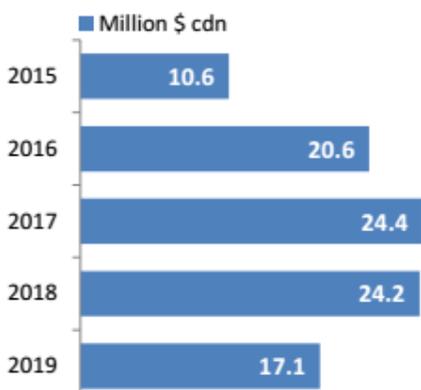


SME Revenues vs. Time



Incubator/Accelerators in Canada

- An estimated 146 in 2015, likely higher now
- Canada Incubator and Accelerator Program (CAIP)
 - Launched in 2013
 - NRC/IRAP
 - 16 Participant Organizations
 - \$60 million allotted (rising to \$100m)



Source: Circum



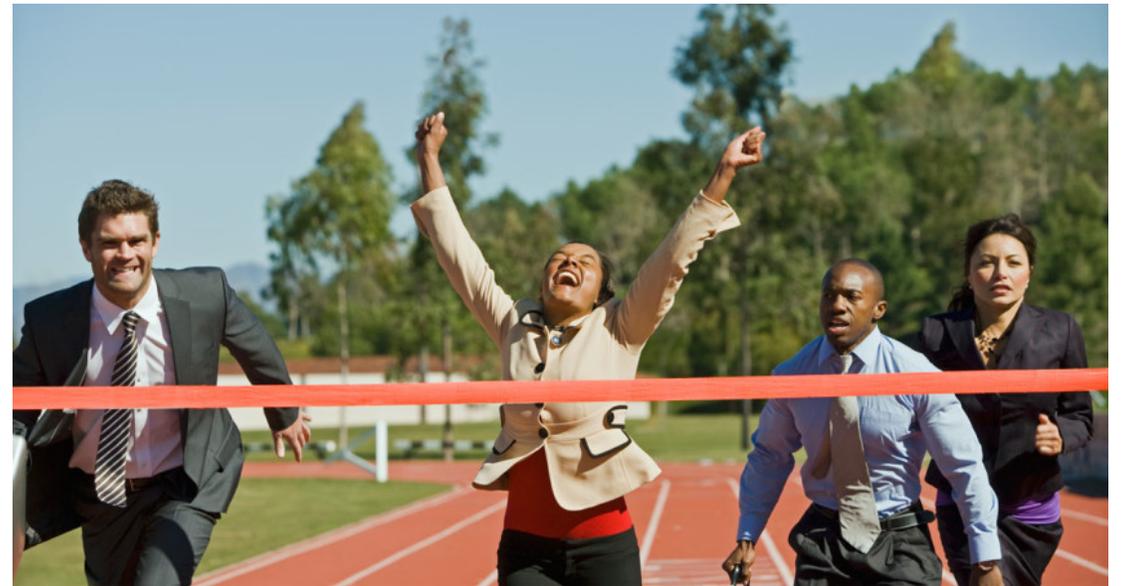
Goals and Processes

- Establish a “Critical Mass”
 - Increase amount of services
 - Increase scope of services
 - Improve success rate
 - Wealth creation
- Boost ‘Top’ Innovation Intermediaries
 - Variable size
 - Different areas of focus & locations
 - Range of missions

CAIP Participant	Total Allocation	Per Cent of Total Funding
Centre for Drug Research and Development	\$10,934,891	13%
Wavefront Wireless Commercialization Centre Society	\$9,949,092	12%
Ryerson University	\$9,565,982	11%
BC Technology Industry Association	\$8,842,746	10%
Invest Ottawa	\$8,282,490	10%
Communitech Corporation	\$8,276,511	10%
The Governors of the University of Alberta	\$5,387,718	6%
Centre d'entreprises et d'innovation de Montréal	\$5,245,146	6%
MaRS Discovery District	\$4,114,483	5%
Corporation Innocentre du Québec	\$3,804,472	4%
Prince Edward Island BioAlliance Inc.	\$3,396,999	4%
Propel ICT Inc.	\$2,646,259	3%
The Next 36	\$2,010,355	2%
Bioenterprise Corporation	\$1,886,316	2%
Biomedical Commercialization Canada Inc.	\$1,059,890	1%
Canada AcceleratorCo Inc.	\$621,892	1%
Total	\$86,025,242	

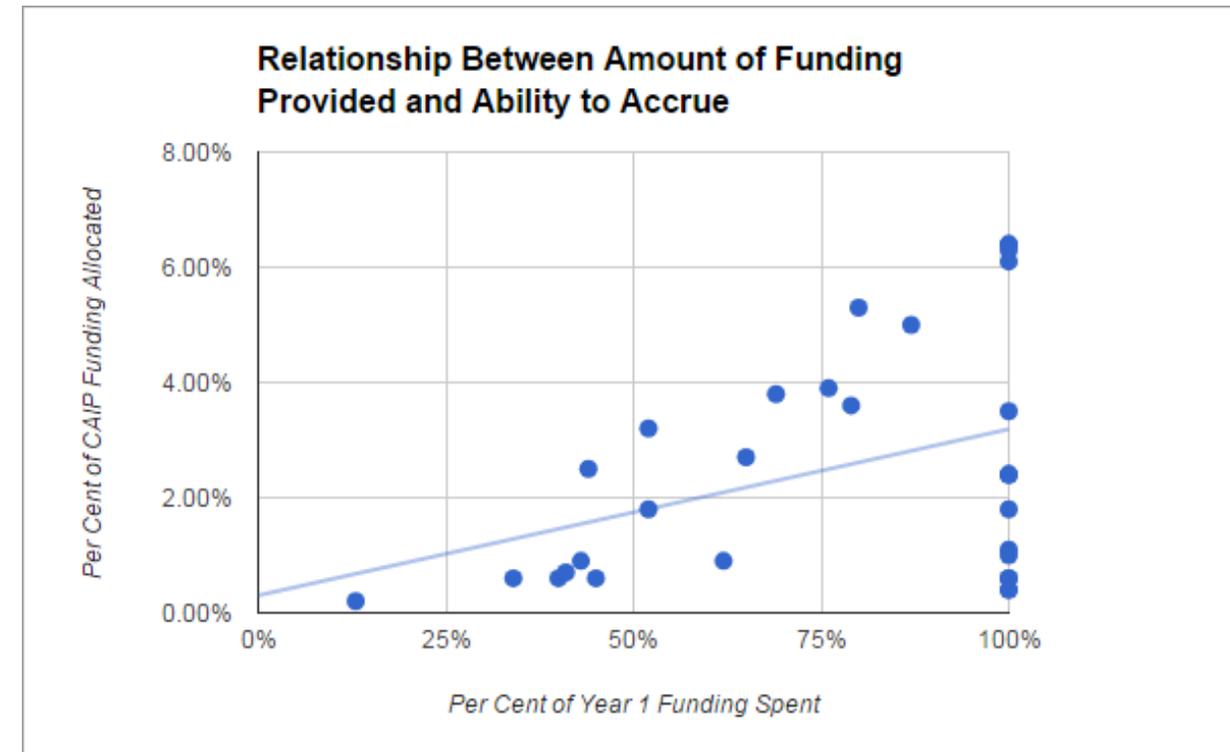
Strengths of the Model

- Selecting Winners
- Policy Isomorphism
- Induced Competition
- Sharing Best Practices



Challenges

- High Reporting Requirements
- Roll Out Rigidity
- Asymmetric Reporting Ability



Other Lessons

- Matching funding
- Global Innovation Networks
- Nurseries for Multinationals?
- Keeping Jobs in Canada

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Thanks! Merci!

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