

Technology Innovation Management Program

One of Carleton's many innovations that make
a difference

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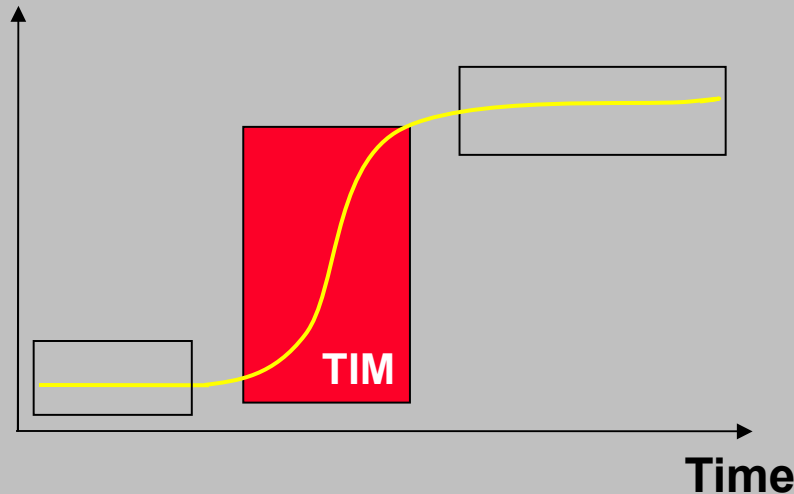
Carleton
UNIVERSITY

Canada's Capital University

- **What and how we deliver**
- **Distinguishing features of TIM program**
- **Recent achievements**
- **TIM grads**
- **Two program options**
- **To be considered for admission**
- **To apply**
- **Faculty and academic unit**

Value from
technology

www.carleton.ca/tim



- Educate talented master students for creative economy
- Innovate with industry and academia to solve significant real world problems
- Launch and grow new technology companies and business ecosystems

- **59 FT students registered Winter 2010 and growing**
- **24 graduate/year**
- **Experienced professionals**
- **Launched three vendor neutral ecosystems to create jobs in region**
- **Launched first wave of businesses that make money from open source stacks developed at Ontario academic institutions**
- **Developed our own system to deliver distance courses**
- **Deployed open source stacks and mash ups to support non-profits**

Value proposition

What we deliver:

Master's degree

More & better opportunities

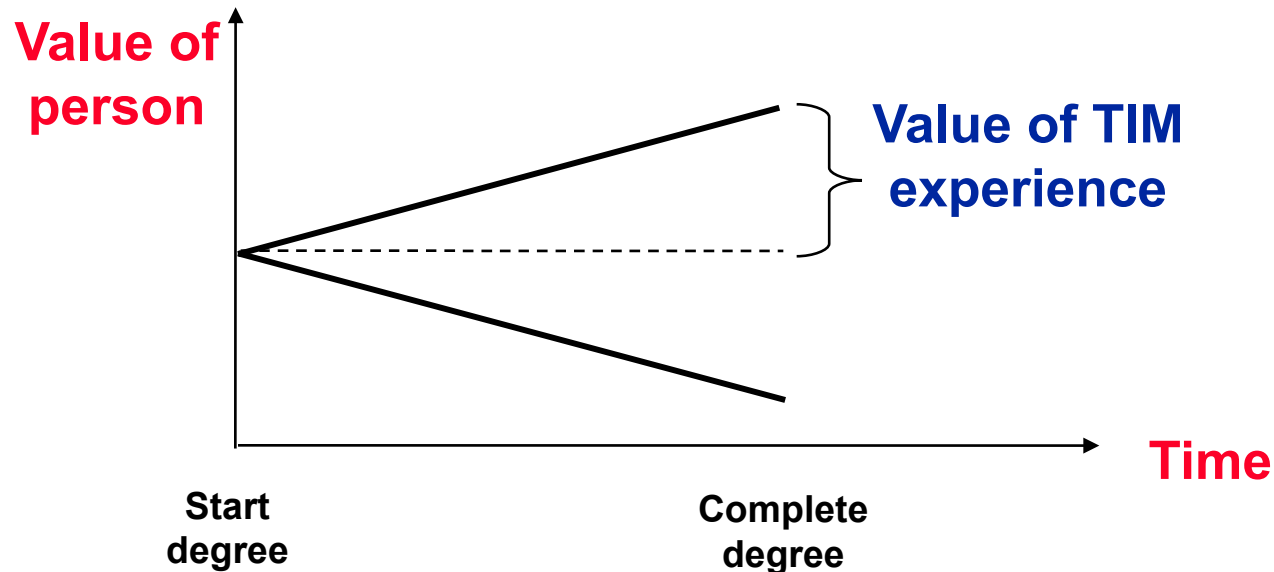
Personal brand

How we deliver:

Courses

Thesis or project

Ecosystem engagement



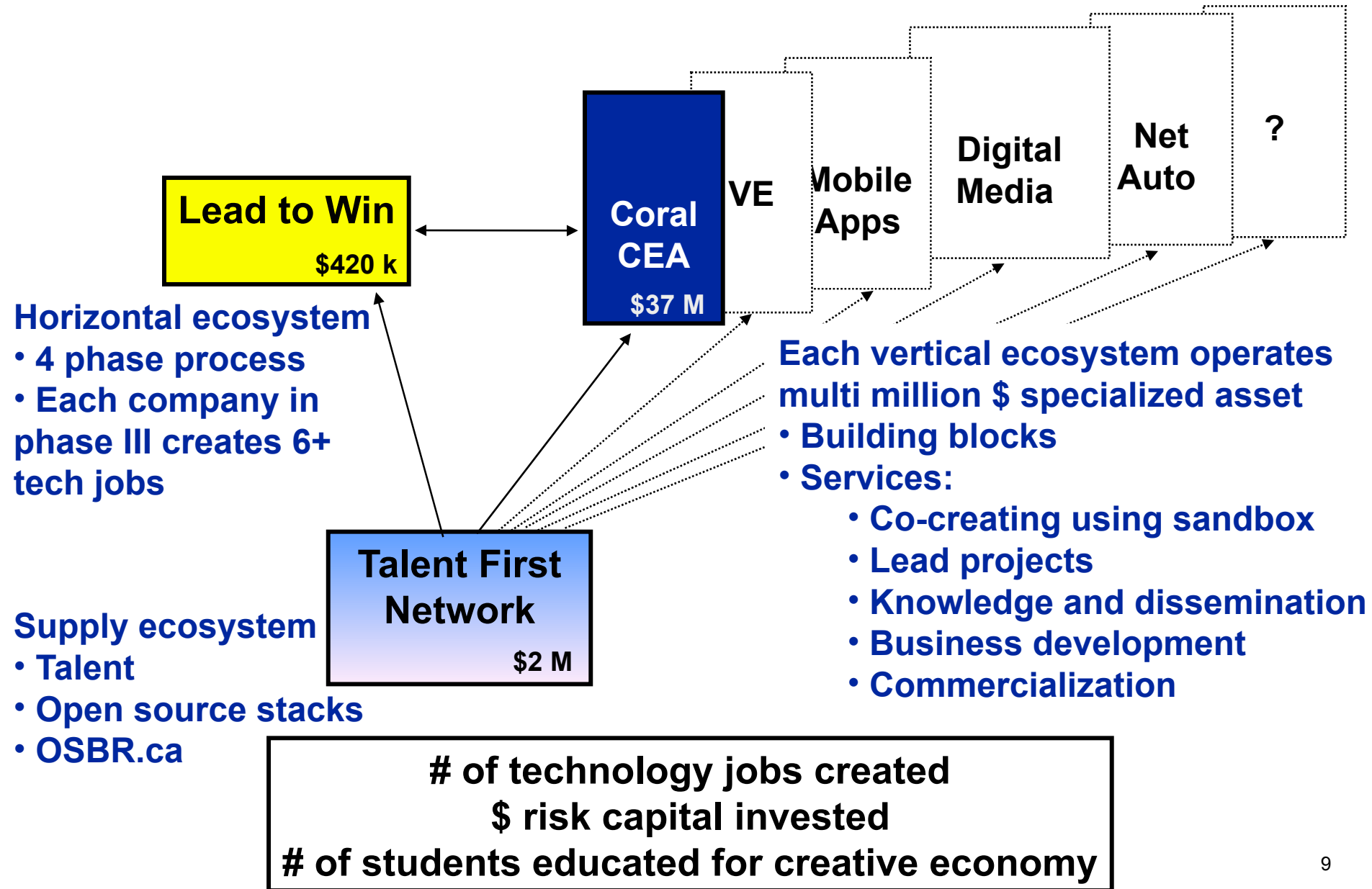
- **Synthesis between engineering and management that supports growth**
- **Innovate, engages community and levers location to solve real world problems**
- **Industry-driven ecosystem that provides opportunities for TIM students and graduates**
- **Flexibility with on-campus and online options**

- **\$9.3 million for Coral CEA**
- **\$515,500 from IRAP, City of Ottawa, OCRI**
- **\$300,000 for Talent First Network**
- **80 technologies companies in ecosystem, each company is expected to generate a minimum of 6 full time jobs over the next three years**
- **25% of TIM students are founders of tech companies**
- **We know of no individual who graduated 6 months or 2 years ago who is unemployed; TIM graduates are either working, operating their own companies or in graduate school**
- **Lead project Elena includes 36 individuals organized in 18 company- and community-initiatives. Of the 36 participants in Elena, 17 founded technology companies, 11 TIM students, 4 Carleton faculty and staff, 2 European faculty, and 2 Coral CEA staff**

- **15 TIM students are being funded to work on industry- and community-driven projects during the Winter term 2010**
- **Six TIM students completed projects relevant to the communications enabled applications global discontinuity during the Fall 2009**
- **10,000/month visitors access OSBR.ca, which has been published every month for the last 3 years**
- **45% of the visitors to OSBR.ca are non-Canadian. Visitors come from 43 countries**
- **205 unique authors have contributed articles to the OSBR.ca over the last three years, 10% of them have contributed 3 or more articles.**
- **Lead to Win is offered remotely across Ontario real-time**
- **Three international conferences were organized, MCETECH 2009, EuroPLoP 2009, EuroPLoP 2010**

- **We delivered the keynote speech at Eclipse Europe**
- **400 individuals attend TIM lecture series**
- **Web conference system we use to deliver courses worldwide was developed by TIM students. We have spun out a company and an open source project**
- **A TIM student, led the development of Ingres Cafe that won the LinuxWorld award for "Best Application Development Tool"**
- **A TIM student, was the first to develop a communications enabled application using the Coral CEA Sandbox**

TIM leads region to build largest source of technology jobs



- **Work for a technology company or the government, create own job, start a technology business**
- **25% operate their own businesses**
- **50% of TIM students work full time for technology companies (IBM, Cisco, Alcatel, Nortel, Mitel, smaller companies) or the Government of Canada (including the Department of National Defence)**
 - after graduation many are promoted or asked to assume greater responsibilities**
- **50% who do not work full time, after graduation**
 - get jobs in Ottawa**
 - get jobs in Toronto, Vancouver and Calgary**
 - get jobs in Asia and USA**
 - go to Ph.D. programs**

Two program options

	THESIS	PROJECT
Degree	M.A.Sc.	M.Eng.
Requirements	7 courses + thesis	9 courses + project
Duration, full time	5 academic terms (Fall, Winter, Summer, Fall & Winter)	6 academic terms (Fall, Winter, Summer, Fall, Winter & Summer)
Courses/term	3 or 2	2
Delivery	Classroom	Live over the Web or Classroom
Cohort together	3 required courses	Entire program
Schedule	Evenings: 6-9 pm	Evenings: 6-9 pm & Saturday 9-12 am EST

- **B.Eng., B.C.S. or related discipline with GPA \geq B+**
- **Min of 2 years experience carrying out technical work**
- **2 letters of references**
- **Completed application**
- **Payment**
- **If English is not your first language, evidence of English competence**
 - Min TOEFL score of 580 if paper based, 92 if Internet, 237 if Computer**
 - Min CAEL score of 70**

- **Apply online: carleton.ca/tim**
- **For questions contact: Prof. Michael Weiss**
 - **weiss@sce.carleton.ca**
 - **Department of Systems and Computer Engineering, 527
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- Tony Bailetti Bailetti@sce.carleton.ca
- Douglas King King@sce.carleton.ca
- Steven Muegge Smuegge@sce.carleton.ca
- Michael Weiss Weiss@sce.carleton.ca

**Many other faculty supervise thesis and project completion. Faculty in department, are at:
<http://www.sce.carleton.ca/dept/people/faculty.php>**

- **SCE is responsible for delivery of the TIM program**
- **One of the strongest academic units at Carleton University**
- **~ 50 faculty**
- **Strong Ph.D., M.A.Sc., and M.Eng. programs**
- **Research intensive**

Michael Weiss, Director TIM Program

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**Room 527 Architecture (labeled AA in map at
<http://www2.carleton.ca/campus>)**

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Thank you!
