

advancing the **INNOVATION AGENDA**



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THE CANADIAN INCLUSIVE INNOVATION AGENDA

1. People

Building skills and experience the global economy demands

2. Technology

Driving the next wave of innovation

3. Companies

Startups and company growth into globally competitive successes



THE CANADIAN INCLUSIVE INNOVATION AGENDA Update

1. Superclusters

Will be a call out for a letter of intent by the end of May. They have not been decided yet

2. VCCI

Venture Capital Catalyst Initiative – \$400m for startups, through ISED:
Will be putting out a call to private sector in a few months

3. Coding for Kids

Hoping this demonstrates effectiveness of this type of program to Provinces and will provide open source curriculum. Should see a call for this before June



3 things
I've learned about
INNOVATION

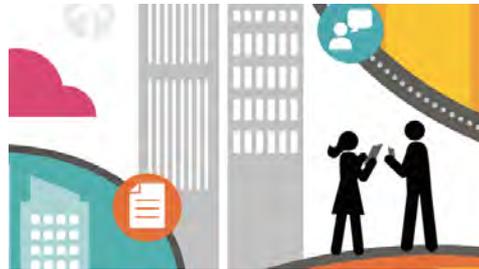
- 1.** Look to the future
- 2.** It takes a village
- 3.** Impact the ecosystem

1.

Look to the future

The economy is now powered by connection, not industry.

CONNECTION and **INNOVATION**
and the
instant movement of **DATA** means
the *rules* most of us grew up with are
quickly becoming obsolete.



Seth Godin

August 2016

Today's “best practices” lead to dead ends, the best paths are new and untried.

Peter Thiel

Co-founder, PayPal

From the Preface of his book “Zero to One”



**With mass unemployment...
the ability to experiment with
existing digital building
blocks... ..enables a chance.**

Ludvig Siegele talks about

Startups 2.0 in a January 2014 video from The Economist:

www.economist.com/blogs/babbage/2014/01/special-report-startups-20

You aren't going to fix employment (in the states) with more manufacturing.

The amount of manufacturing is going up...the amount of people working in manufacturing is going down quite steeply.



Nikolas Badminton, Futurist

Roundhouse Radio 98.3

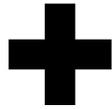
January 2017



TECHNOLOGY augments **HUMANITY**

Salim Ismail

Co-founder Singularity University



**economic
impact**

**social
impact**

**environmental
footprint**

-VALUE-
tradable
currency

**It's a
PERFECT STORM
for
Entrepreneurship:**

Economically

Socially

Academically

LinkedIn survey: “Millennials are changing jobs every two years or less”

Estimates from World Economic forum show that 65% of children entering primary school today will likely work in roles that don't currently exist.

The 2016 Kauffman Index on Growth Entrepreneurship found there has been a year-over-year increase in entrepreneurial activity

From article in **Colorado Innovation Network**

“How will we work when we grow up? - Predicting the future of work”

March 16, 2017

2.

It takes a village



Collaboration in Supply Chain



Georgia State
University

connect: TO A *diverse*
CAMPUS CULTURE

Students
from

all
159
Georgia
counties

all
50
states

150+
countries

More than
32,000
strong

Ranked
15th

among the most
diverse universities
in the nation

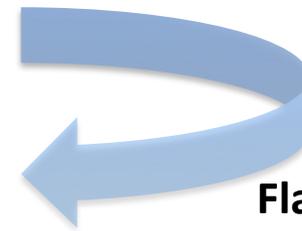
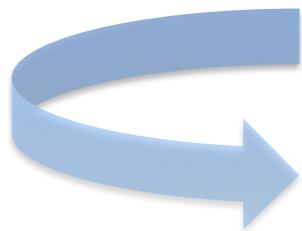
Cross-Sector Collaboration in Learning



Georgia Tech – Tech Square – Multi-use community space



Georgia State
University



Flatiron
community hub



atdc
GEORGIA TECH



The Goat Farm



Microsoft
Innovation Center
WeWork co-working



flashpoint
@Georgia Tech

Georgia
Tech  VentureLab

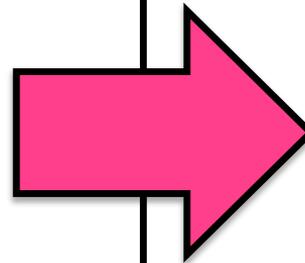


PEC New Venture Centre

IMAGINATION CATALYST INCUBATOR



Mauricio Meza



SheEO Canada

how it works

Up to 1,000 women in each region contribute \$1,100 which creates a one million dollar fund. The money is then loaned out to up to 10 women-led ventures at 0% interest, paid back over 5 years and reinvested perpetually.

ACTIVATE NOW





Apple Store
San Francisco
Union Square



"It all starts with the storefront — taking transparency to a whole new level — where the building blends the inside and the outside, breaking down barriers and making it more egalitarian and accessible."

Collaboration and Customer Loyalty

3.

Impact the ecosystem

*The world isn't going to take care of the new generation, the new generation is going to take care of the world**

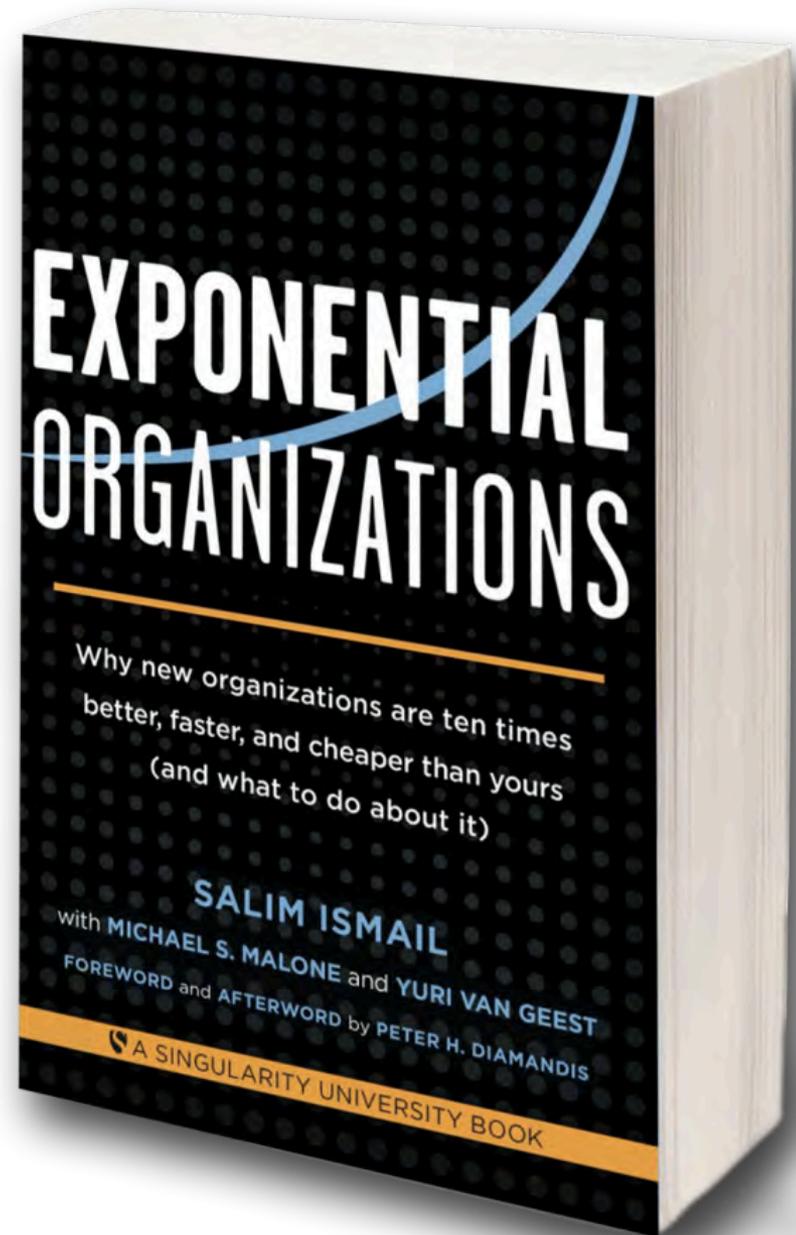


* **Shawn Blakney** – Celestica Sr. Director Global Tech and Innovation at Zero2Startups event

In the future, the defining metric for organizations won't be **ROI** (Return on investment), but **ROL** (Return on Learning)”

Salim Ismail

Exponential Organizations
Why new organizations are ten times better, faster and cheaper than yours



Innovation & entrepreneurship are key for universities to stay relevant in Canada's booming digital economy

Sheldon Levy

Deputy Minister Training, Colleges and Universities (MTCU)
(Former Ryerson University President and Vice Chancellor)



Creating a critical mass of awesome companies that bring in a critical mass of potential customers, recruits and partners



Ryerson University

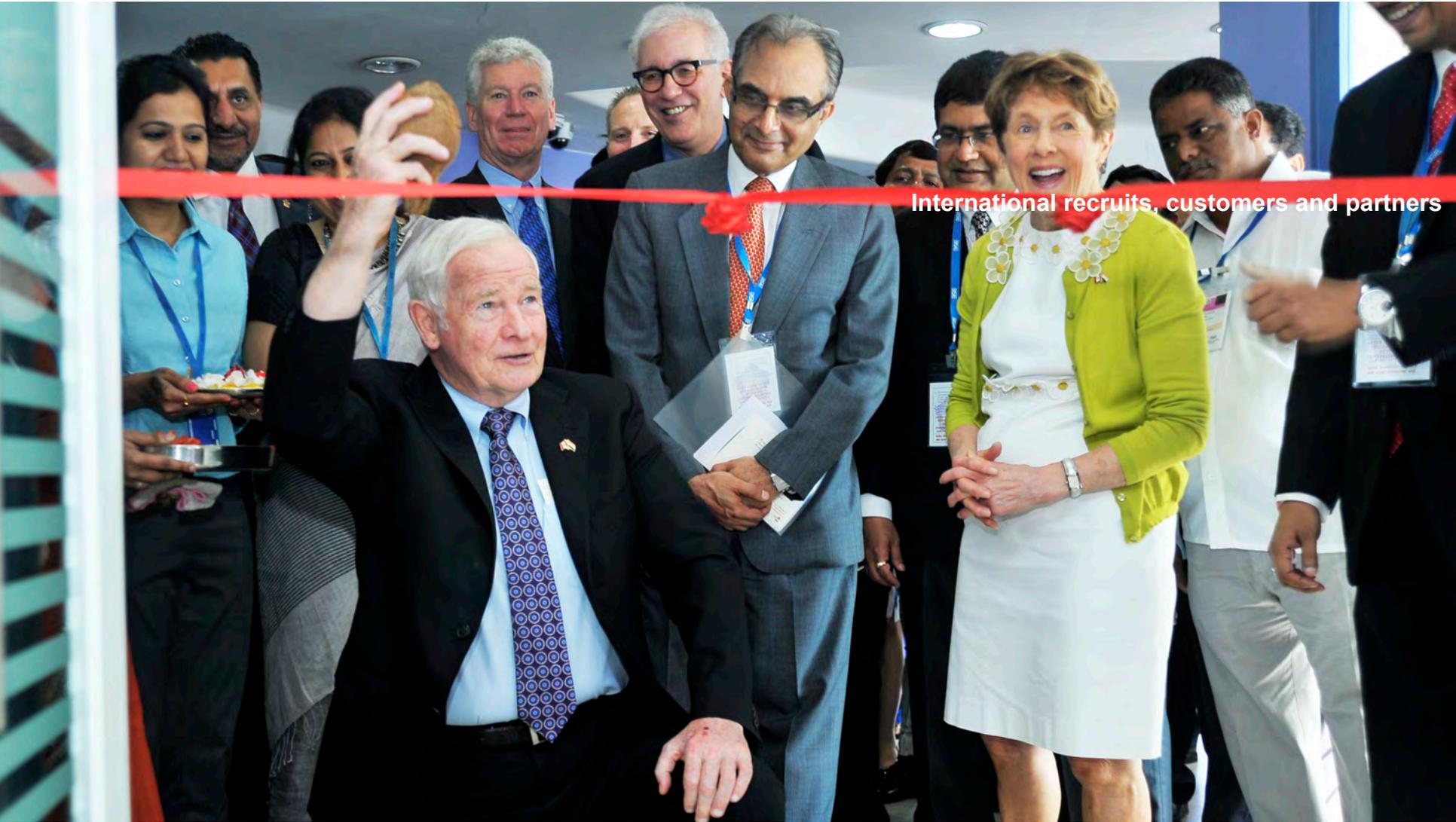


customer acquisition, funding and recruitment
through collisions, events and meet-ups



CORPORATE RELEVANCY

Bionik labs, now a public company
partnering with IBM, using Watson for big data
seen here with IBM CEO Ginni Rometty



International recruits, customers and partners

International Partnerships

DMZ partners with Bombay Stock Exchange in Mumbai and now two other locations



Attracting International Startups

DMZ bringing in startups from India, South Africa, China, Israel, Tunisia, Brazil, etc.



- Legal innovation
- Transmedia
- Design fabrication
- Social ventures
- Sports Media
- Urban Energy
- BioMed
- Fashion

inspire entrepreneurship

multiple sector-based “Zones” within faculties that are multi-disciplinary and collaborative



SOCIAL RELEVANCY

Brendan MacEachran, CEO Soapbox,
with Canadian Prime Minister Justin Trudeau who used SoapBox for his
Liberal Party campaign

>250

companies incubated
and accelerated

>\$200m

raised

73%

of companies we fund
get follow-on funding

>2000

jobs created

30

visiting international
and national entrepreneur
groups

>450

tours per year
with potential customers

Presently: **430** innovators and **83** companies in-house

Our cities are the storefronts for Canada

Geoff Cape

Founding CEO, Evergreen

Prince Edward Island

Premier Wade MacLauchlan



Local Talent : World Markets

innovationpei
ACCELERATING ECONOMIC DEVELOPMENT

PEI STARTUP ZONE – Queen and Water Sts



LaunchPadPEI
MENTORING | MARKETING | INVESTMENT

PROPELICT

Emergence
Canada's Bioscience Business Incubator

springboard
CONNECT. INSPIRE. ACHIEVE.



HOLLAND
COLLEGE



Atlantic Canada
Opportunities
Agency

Agence de
promotion économique
du Canada atlantique



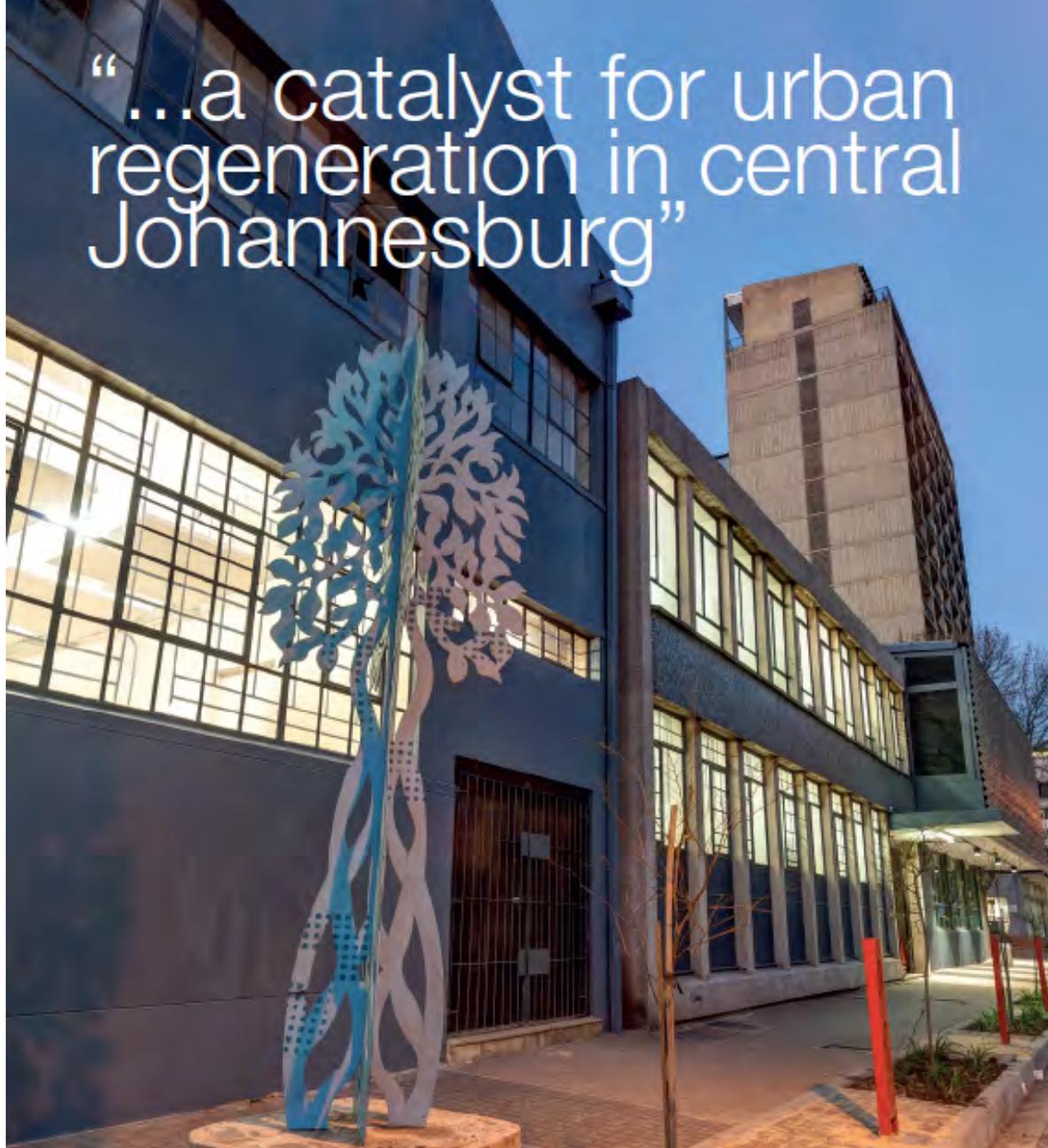
Tech Companies don't exist in a bubble;
they draw from and feed into a larger
community.

Ideally the relationship is symbiotic.

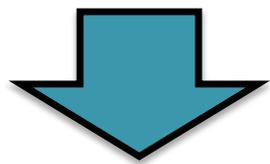
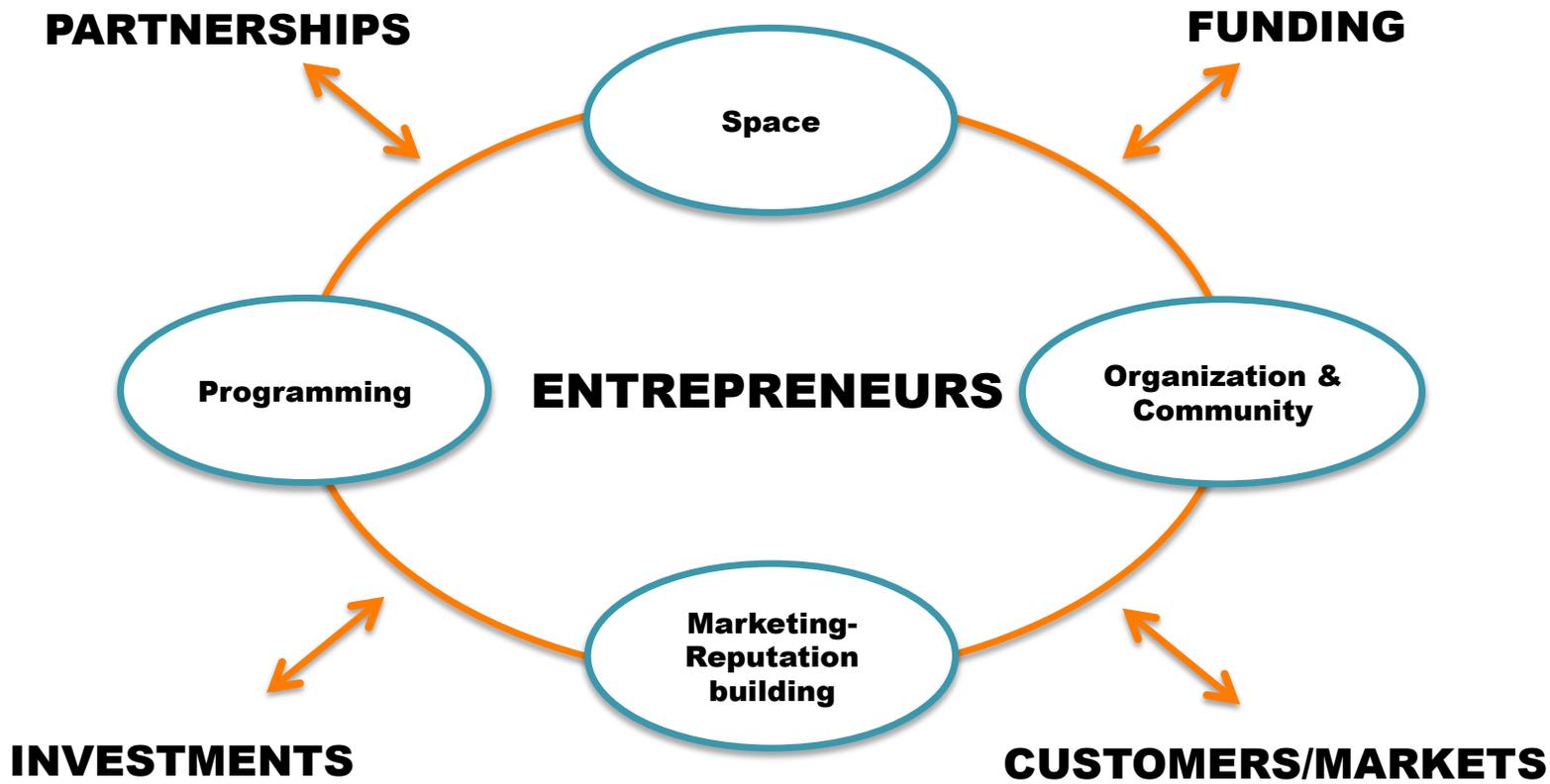
Hootsuite

Ryan Holmes

“...a catalyst for urban
regeneration in central
Johannesburg”



TSHIMOLOGONG PRECINCT
A place of new beginnings



OPPORTUNITIES & JOBS





TSHIMOLOGONG PRECINCT
DIGITAL TECHNOLOGY INNOVATION

13°C
10.51
224
17.91

OPEN -AT- WITS



REVOLUTION

REVOLUTION



www.tshimologong.joburg



TSHIMOLOGONG PRECINCT
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Founder:
Petra Kassun-Mutch



The Future

Can the new economy counter-act the forces ranged against it: ageing populations; a political class responding to populism by restricting trade and by over-regulated business; and education systems... that are failing?

Schumpeter/Technowars

ECONOMIST October 22nd 2016

**We are far better equipped to
take on the challenges we face
than ever before.**

President Barack Obama

WIRED MAGAZINE November 2016

In the 24th century there will be no hunger,
there will be no greed, all the children will
know how to read.

Gene Roddenberry

Star Trek Next Generation

the pivotal point

incubators are living, growing things



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