Enhancing the Role of Entrepreneurship in Economic Development for Trinidad and Tobago.

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Presentation Outline

GEM Overview

• Entrepreneurship in T&T
  – Attitudes towards entrepreneurship
  – Profile of the entrepreneur
    • Age, gender, education
    • Perceptions
  – Entrepreneurial Performance in T&T
    • Innovation
    • Job Creation
    • Int’l Orientation
  – Recommendations
  – GEM Agenda in T&T
GEM Overview:

• Not for profit academic research consortium
• Mission: Contribute to economic development through entrepreneurship.
  – Research that:
    • Measures the level and characteristics of entrepreneurial activity within & across countries
    • Identifies the principal factors which encourage or hinder entrepreneurial activity
    • Provides guidance for formulation of effective & targeted policies to improve the quantity & quality of entrepreneurial activity.
GEM Model

Key Instruments

• APS
  – Minimum 2000 Adults
  – Entrepreneurial perceptions, aspirations, attitudes, intentions
  – Perceived opportunities, barriers, capabilities, fear of failure.

• NES
  – 40 Experts
  – Framework / Entrepreneurship Environment:
    • Gov’t policies, programmes, infrastructure, culture etc.
Global Entrepreneurship Monitor:

• Unique Dataset:
  – Focus is on the individual, as opposed to firms
    • Perceptions, Aspirations, Intent
    • Includes informal sector
    • Captures pre-launch activity
  – Harmonized Approach to measurement and reporting
    • Allows for meaningful comparison between countries
    • Independent of local registration requirements & norms
GEM Model

Attitudes & Perceptions: APS
Intent

*Figure 11: Entrepreneurial Intentions in Ascending Order Grouped by Region.*
Profile of the Entrepreneur: Age, Gender

[Bar charts showing male and female TEA participants by country and age group.]

- Male TEA (% adult population)
- Female TEA (% adult population)

Age breakdown of TEA participants:
- 18-24: 14.1%
- 25-34: 33.2%
- 35-44: 29.2%
- 45-54: 18.4%
- 55-54: 3.2%
- 55-99: 1.8%
Profile of the Entrepreneur: Education

- Incomplete Primary or Less
- Complete Primary
- Incomplete Secondary
- Complete Secondary
- Technical & Vocational
- Tertiary
Financing for Total Early-Stage Entrepreneurial Activity

There is sufficient funding available through initial public offerings (IPOs) for new and growing firms.

There is sufficient venture capitalist funding available for new and growing companies.

There is sufficient funding available from private individuals (other than founders) for new and growing firms.

There are sufficient government subsidies available for new and growing firms.

There is sufficient debt funding available for new and growing firms.

There is sufficient equity funding available for new and growing firms.
Entrepreneurial Ability

APS

Perceived capabilities

Fear of Failure
Entrepreneurial Ability

NES

Many people have the ability to organize the resources required for a new business

Many people can react quickly to good opportunities for a new business

Many people have experience in starting a new business

Many people know how to start and manage a small business

Many people know how to start and manage a high-growth business

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

- Completely false
- Somewhat false
- Neither true nor false
- Somewhat true
- Completely true
Education

Teaching in primary and secondary education provides adequate attention to entrepreneurship and new firm creation.

Teaching in primary and secondary education provides adequate instruction in market economic principles.

Teaching in primary and secondary education encourages creativity, self-sufficiency, and personal initiative.

Breakdown of Total early-stage Entrepreneurial Activity by Education Level
Summary thus far

• T&T entrepreneurs:
  – Follow general international demographic patterns
  – Educated to high school level on average
  – Require financing of ≤ TT$20k
  – Perceive themselves to be really, really capable!
  – Are not deterred by fear of failure
  – Are encouraged by favourable image

so far so good....now on to performance
Performance 1 - Innovation

- Uses no new technology
- Uses new technology (1 to 5 years)
- Uses very latest technology (only available since last year)
- No businesses offer same product
- Few businesses offer same product
- Many businesses offer same product
- Product new to no customers
- Product new to some customers
- Product new to all customers
- Active in technology sectors (high or medium)
- New product market combination (customer, competitor)
Performance 1- Innovation

NES

There is good support available for engineers and scientists to have their ideas commercialized through new and growing firms.

The science and technology base efficiently supports the creation of world-class new technology-based ventures in at least one area.

There are adequate government subsidies for new and growing firms to acquire new technology.

New and growing firms can afford the latest technology.

New and growing firms have just as much access to new research and technology as large, established firms.

New technology, science, and other knowledge are efficiently transferred from universities and public research centers to new and growing firms.

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Performance 2: Growth and Job Creation

APS
Performance 2: Growth and Job Creation

- Government programs are highly selective when choosing recipients of entrepreneurship support
- Potential for rapid growth is often used as a selection criterion when choosing recipients of entrepreneurship support
- People working in entrepreneurship support initiatives have sufficient skills and competence to support high-growth firms
- Policy-makers are aware of the importance of high-growth entrepreneurial activity

There are many support initiatives that are specially tailored for high-growth entrepreneurial activity

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

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Performance 3: Int’l Orientation

% of customers outside of T&T

![Bar chart showing percentage of customers outside of T&T by category.](chart.png)
Summary / Recommendations:

- Innovative Export Potential Growth Potential
- Identify & Promote
- Financing
- Gov’t Programmes
- Education
- Replicative
- Innovative
The GEM Agenda in T&T: 2014

• Mapping entrepreneurship support.
• Work closely with support agencies.
  – Link NES, APS to support agencies’ agendas.
  – Include public perceptions of agencies in survey.
  – Provide data to track performance / policy
• Special topics: Health, Happiness Index.
• Suriname Project
• Creative Industries Project
• Embrace academia
  – Growing longitudinal data set.

Thank You!