Namibia Economic Analysis

Overview
- 31st largest country of the world
- Sparsely populated, 2.2 million people
  - 39% under 15, only 9% over 65
  - 28% living in urban areas
- Unemployment: 40%
- Namibia’s international competitive ranking dropped from rank 72 (2005) to 89 (2007)
- Economic growth decreased: from 7% in 1990’s to 4.2% (2007)
- Good infrastructure with modern telecommunication, road and rail network
- Export dependent, Innovation challenged
NATIONAL CONTEXT

• World Economic Competitiveness Ranking
  – 72\textsuperscript{th} in 2005
  – 87\textsuperscript{th} in 2007
  – 89\textsuperscript{th} in 2008

• Economic Growth Rate:
  – Projected (IMF, 2009): 2%

• Vision 2030 requires 10% growth rate
• Competitiveness Rating Factors
  – Demand for skilled labour
  – Capacity for absorbing technology
  – Investment in research and development
  – Unemployment rate

• Total Productivity Factor Declined
  • 2.5% in NDP-1
  • 0.5% in NDP-2

• Availability of scientists and engineers: at 122/125

• General ICT ranking: 111/125
NDP-3 STATISTICS - 2007

• ITC ranking 111 (in 2008)
• Technological Readiness Index (TRI)
  – Ranked – 66/126 (readiness to embrace Technology)
• Adoption of technology by firms in Namibia – 92/125
• Internet Penetration rate is 100/126
• Access to computers: 7.2% - 55/126
• IT graduates: From 120 - 750
### THE WEALTH OF NATIONS
- World Bank

**($/capita), 2000**

<table>
<thead>
<tr>
<th>Produced capital</th>
<th>Natural capital</th>
<th>Intangible capital</th>
<th>Total</th>
<th>Subsoil assets</th>
<th>Fisheries</th>
<th>Queensland</th>
<th>Rural land</th>
<th>Fishing resources</th>
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#### Total wealth

- **Produced capital**: 55% (25,771)
- **Natural capital**: 12% (4,562)
- **Intangible capital**: 13% (2,577)

#### Natural capital

- **Timber resources**: 0%
- **Fishing**: 7%
- **Subsoil assets**: 34%
- **Queensland**: 6%
- **Rural land**: 22%
- **Fishing resources**: 20%
BUILDING INTELLECTUAL CAPITAL

Total Market Value

* Tangible Assets

Intangible Assets

- Human Capital
  (Skills and knowledge of people)

- Structural Capital
  (Patents, processes, databases, networks, etc)

- Customer Capital
  (Relationships with customers and suppliers)
ROLE OF THE POLYTECHNIC

• Ideally positioned to support economic growth and innovation
  – Qualifications in applied fields
  – Applied research
  – Community Service

• Work in centres of competency
VISION

• To be a leading university of science and technology in Africa

The “Hallmarks”

Science, Technology,

Entrepreneurship, Innovation
MISSION

To enhance national competitiveness through unique educational opportunities, innovation and service.
World-wide Science Parks, Incubators and Technocells

Europe (39%)  North America (35%)  Asia (17%)  Rest of the world (9%)

Science Parks  Incubators  Technocells
THE INNOVATION PROJECT

- Feasibility Study - 2006
  - Polytechnic of Namibia
  - Embassy of Finland
  - Information Society for Development, Science & Technology
    - Resources allocation
    - Stakeholders consultation

- Business Plan - 2008
  - Consultants - local, regional, international

- Establishing the Innovation Centre - 2009
  - Partnerships/network
  - Funding
  - Activities, Facilities
NBIC – BUSINESS PLAN

– Vision

To offer a comprehensive platform for business innovation and development that positions Namibia as a knowledge economy

– Mission

To enhance entrepreneurship, innovation, job creation, income generation, in order to ensure economic competitiveness and sustainability
COMPETITIVE ANALYSIS

• Questions to answer in the analysis:
  • Who else in Namibia is offering any or similar planned:
    o Programmes
    o Products
    o Services
  • Who is the target market?
  • What is their source of funding?
COMPETITIVE ANALYSIS

Who else?

Preliminary list of institutions

- MTI - government
- JCC - committee
- COW - Local Authorities
- NCCI – Business sector
- SME Compete – Business development consultants
- Bank Windhoek, FNB – Financial sector
# GAP ANALYSIS

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<th>R &amp; D</th>
<th>Advisory</th>
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<th>Incubator</th>
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TARGET MARKET

- MSMEs
  - Start ups as well as existing?
- Central Government
  - Ministries
- Anchor companies
- Parastatals
- Business community
- Local Authority
- Academic institutions
- Talented individuals
- Universities, Research Institutions
NATIONAL SUPPORT

- Stakeholders Participation
  - Government
  - Business & Industry
  - Academia
  - Public

- Support to Date
  - Embassy of Finland
  - Development Bank
  - Bank of Namibia
  - DED
SOME ACTIVITIES

Innovation Marketplace

- Inspiration talks
- Innovation circles
- Innovation cafe
- Innovation academy
- Innovation expos
GROWTH MODEL

Replicability (R)

Scalability (S1)

Sustainability (S2)

(optimum success)
THANK YOU

- Committed to innovation
- Looking for partnerships