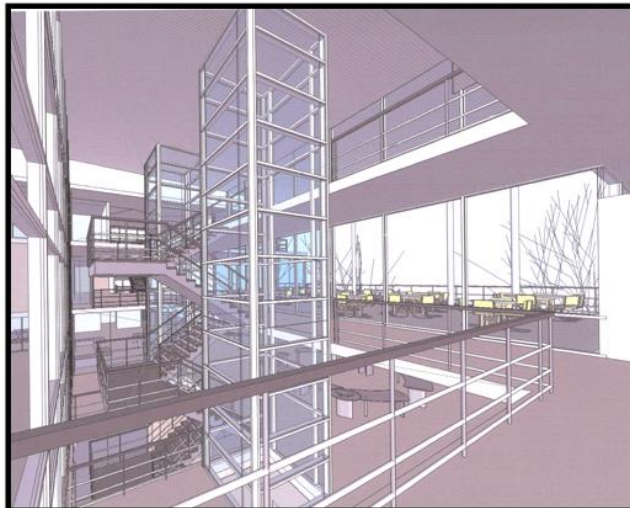


NAMIBIA BUSINESS INNOVATION CENTRE

The Innovation Marketplace



Dr. Tjama Tjivikua
*Rector: Polytechnic of
Namibia*

28 January 2009



NBIC – BUSINESS PLAN

- 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
 - 72th in 2005
 - 87th in 2007
 - 89th in 2008
- Economic Growth Rate:
 - Projected (IMF, 2009): 2%
- Vision 2030 requires 10% growth rate



NATIONAL CONTEXT

continued

- 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



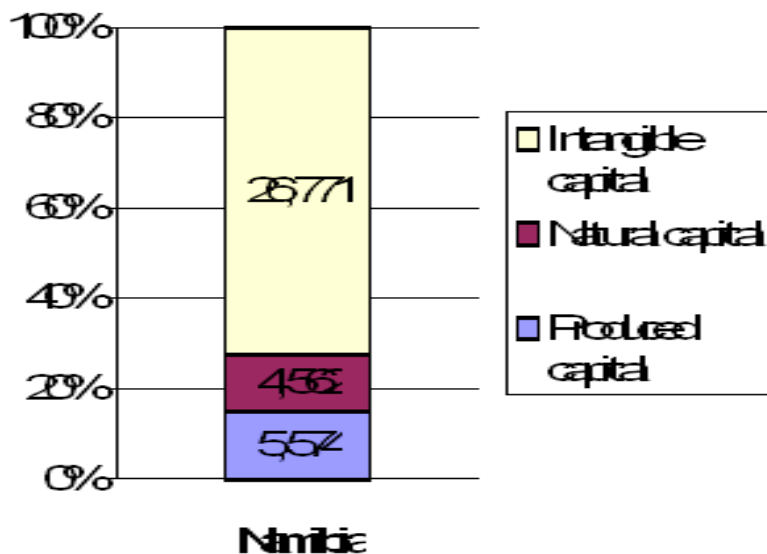
THE WEALTH OF NATIONS

- World Bank

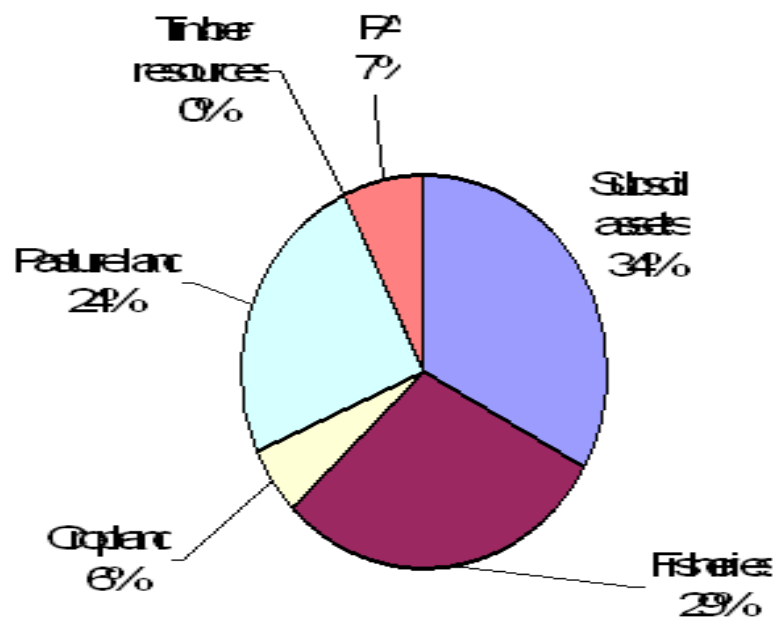
(\$/capita), 2000

Produced capital	Natural capital	Intangible capital	Total	Subtotal assets	Fisheries	Capital	Value land	Timber resources	FA
554	452	2571	3697	1195	1061	204	881	0	20
15%	12%	73%							

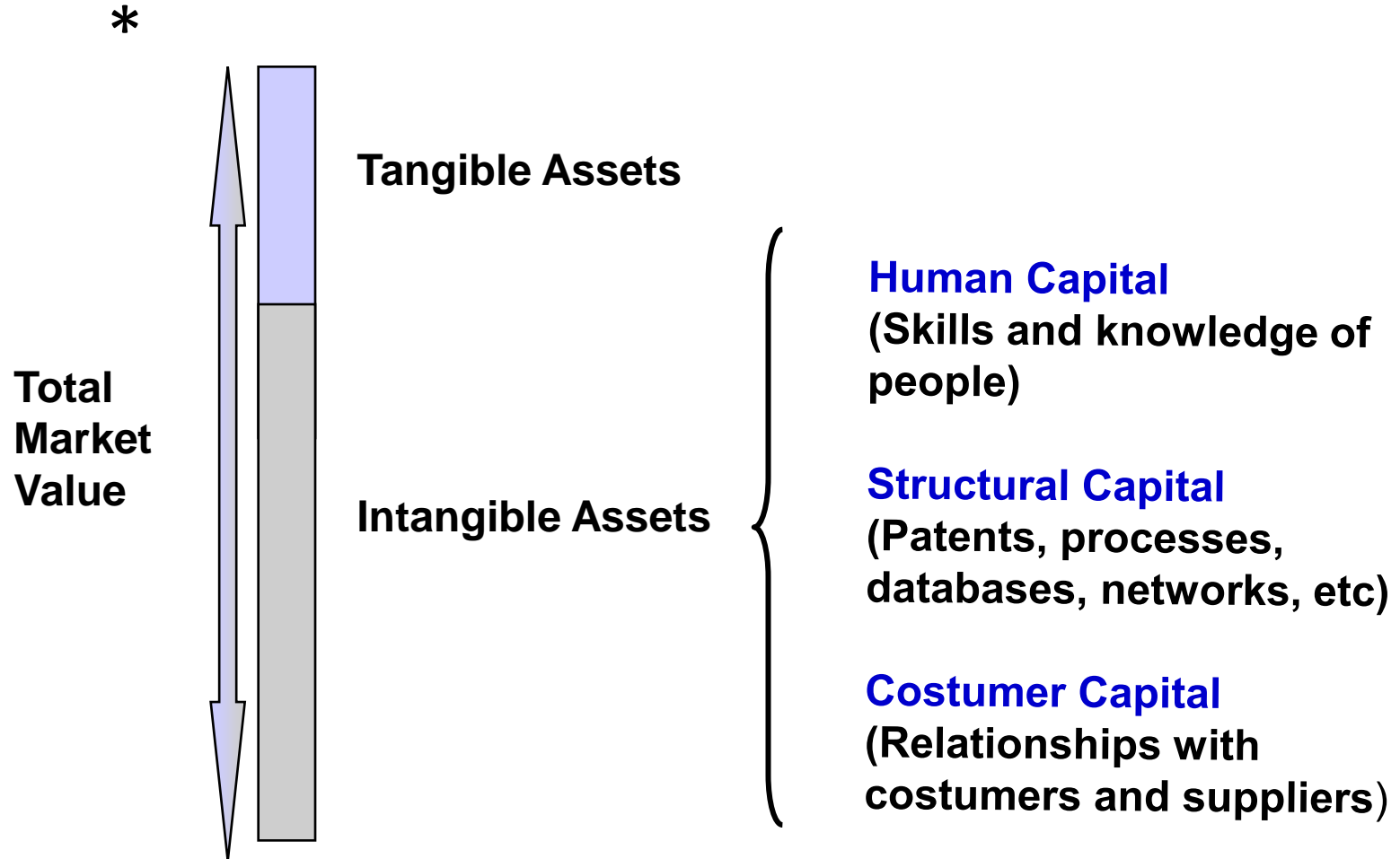
Total wealth



Natural capital



BUILDING INTELLECTUAL CAPITAL



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



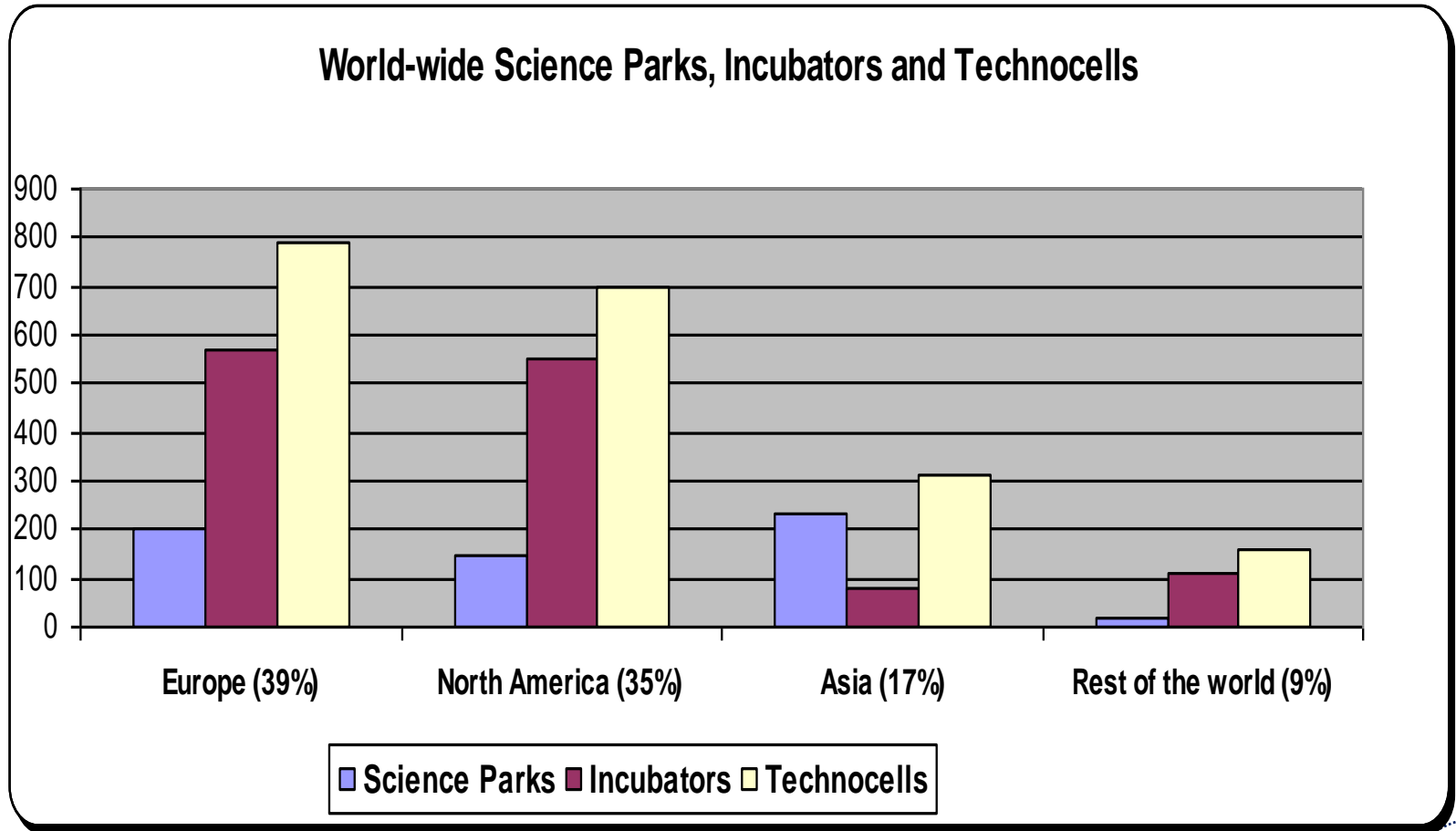
MISSION

To enhance national competitiveness through unique educational opportunities, innovation and service.



WORLD-WIDE SCIENCE PARKS

- IASP



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:
 - Programmes
 - Products
 - 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

	R & D	Advisory	Training	Tech Transfer	Lab/ Wshop	Incubator	Mentor	Links Market	Finance	Secretarial	Advocacy BAT
MTI	o			o	o	o			x	x	x
JCC	o		x	o	o	o		x	o	x	x
NCCI	x			o	o	o			o	x	x
COW	o								o	x	o
SME Compete	o	x		o	o	o			o	o	x
Banks	o	x		o	o	o	o	o		o	o
Industrial Parks	o	o	o	o	x	x	o	x	o	o	o

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



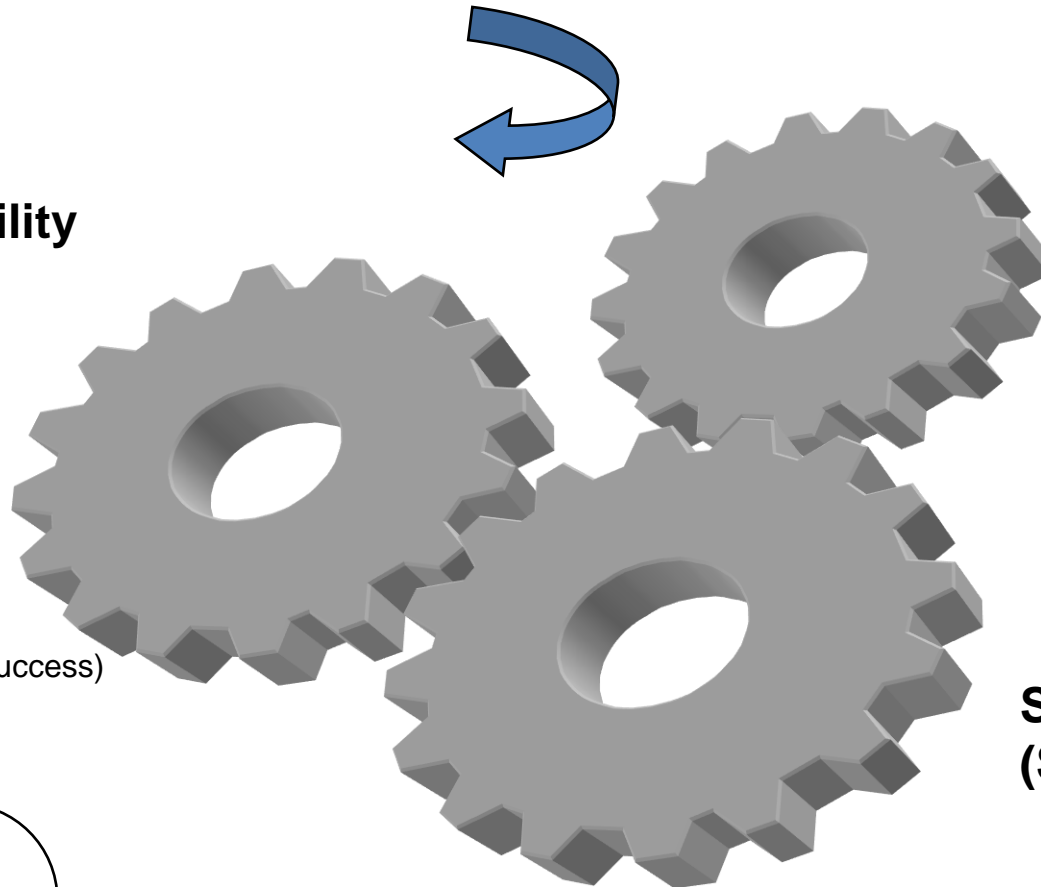
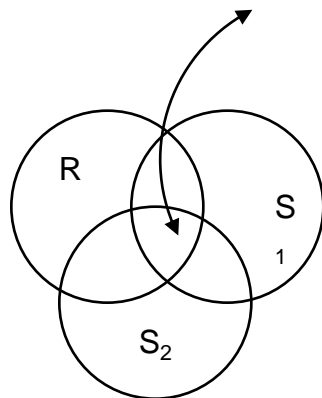
GROWTH MODEL

**Replicability
(R)**

**Scalability
(S1)**

**Sustainability
(S2)**

(optimum success)



THANK YOU

- *Committed to innovation*
- *Looking for partnerships*

