Who is capable of leading our journey toward resolving global issues through innovation?

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Issues we face today

- Energy (Portfolio of energy sources to meet the growing demand)

- Environment – global warming etc.

- Demand for resources – Food, Water, cause for tribal wars

- Healthcare – Basic health in developing countries, epidemics
Increasingly threatened sustainability of humankind

Widening gap between rich–poor divide

Innovation

New and unexplored era

- Widening gap between rich–poor divide

Science

Technology

Social System

Forces at Work

JAPAN
- Declining population and rapid ageing

ASIA
- Rapidly Growing, but with pressing Issues

WORLD
- Further development of a knowledge-based network society
- Accelerating progress of globalization
- Explosive population growth
- Climate change and environmental degradation

Issues

- Increasingly threatened sustainability of humankind

Exhibit-2
Issues

Energy  Environment  Resources  Healthcare

Explosive Population Growth

Initiatives

Innovation Ecosystem

U.S. (Innovate America, Competitiveness Index)  E.U (Innovative Europe)  Japan (Innovation 25)  Singapore, South Korea  China  etc.

Global

GAP

National or Regional
Interaction Fields

“BA”

Human Networks
Networks of Technologies
Networks of Funds
Regional Clusters
Industry-Academia Collaborations
IP/Standard
Regulation/Deregulation

Input
Vision Policy/Strategy
University/Enterprise Research

Proof of Concept

Output
Innovation-friendly Markets
Public Procurement

Funding
Human Resources/Education: nurture talents, brain circulation
Public Acceptance: consensus, consumer education, cultural issues
International Competition & Collaboration

Source: Global Innovation Ecosystem 2006, JST/CRDS
Why Private Companies?

- Global area is the reality
  Resources, markets from global and local

- Management of complex VC activities throughout the world
  Globally-Integrated Enterprise

- Value /Wealth Creator> Value/Wealth Distributor

- Corporate Social Responsibility beyond national boundaries

- Social Entrepreneurs
  Gates Foundation, Grameen Bank
Global Issues

- Energy
- Environment
- Resources
- Healthcare

Innovation Ecosystem Initiatives

- China
- Singapore
- Finland
- UK
- U.S.
- JAPAN

Social System

Academia, Government/Public, Private

Collaboration

Global Hybrid Organization
Requirement for Global Hybrid Organization

- Global; Clearly beyond national borders

- Private sector driven

- Diverse, representing not one sector

- Innovation as main driver

- Best use of current and updated ICT

- Collaborative and competitive with other organizations overseas

- Globally – networked Professional Staff

- Young and dedicated support staff

- Well versed in de facto global language

Existing organizations?

NEW organization!
Typical steps in Problem Solving Process

1. Identify the high priority topics
2. Prepare budget and get funds
3. Prepare project plan and recruit staff
4. Organize virtual and real events
5. Manage project teams
6. Prepare and Post report (web cast)
7. Design action plan
8. Monitor progress and fine tune action plans