

# 'Contribution to socio-economic development of Manipur by Overseas Manipuris via Knowledge Exchange Networks (KENs)'

Our Vision:

*Empowering People at the bottom of Pyramid by  
Building a Global Think-Tank for Manipuris*

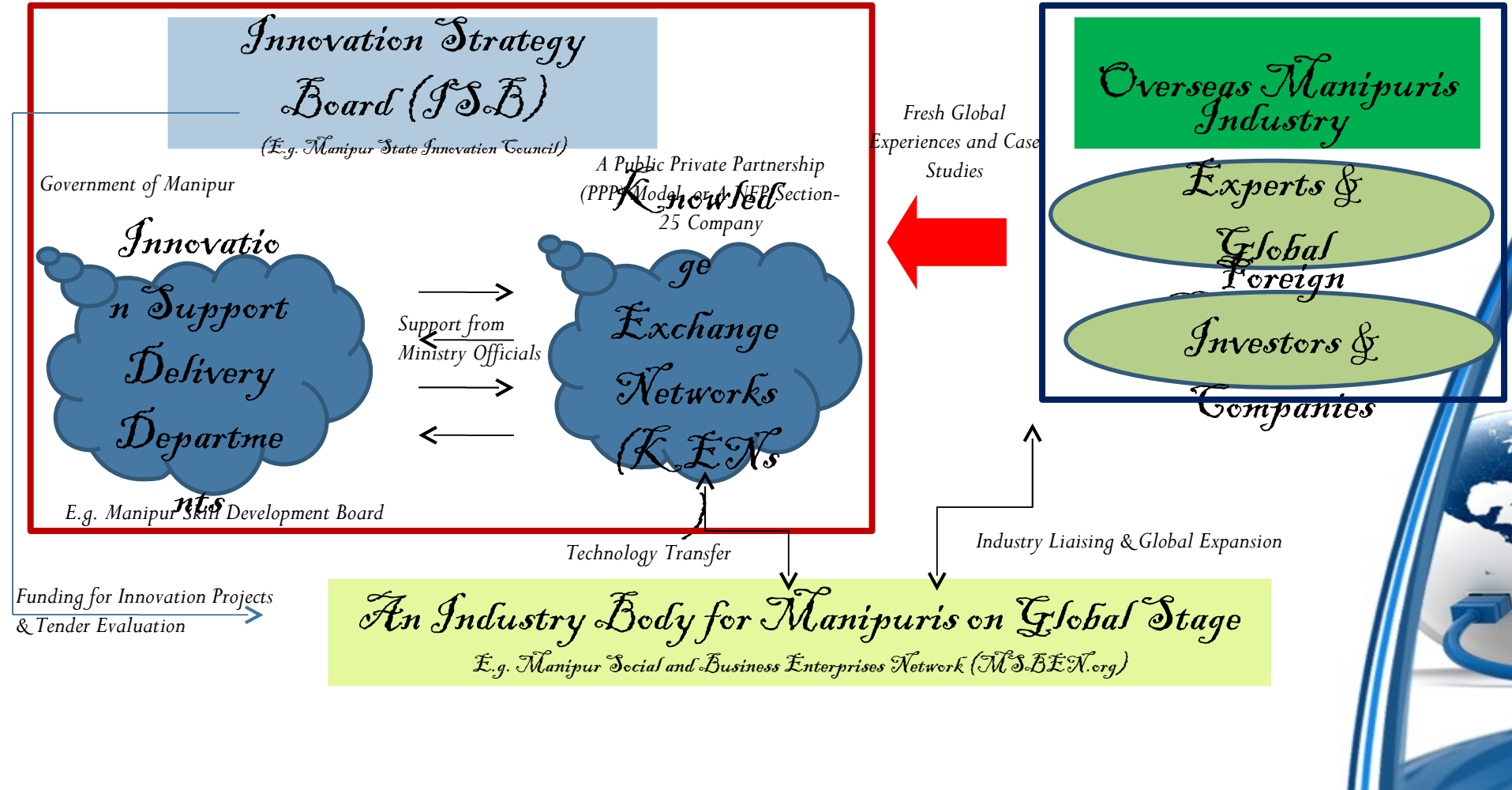
**Presented By:**

*Shanjoy Mairembam (BEng, MBA)  
London (UK)*



*A Presentation to Administrative Officials in the  
Government of Manipur at State Guest House, Imphal  
On 6th Oct 2011*

# Likely Overall Engagement Chart (High-level)



# Example of Innovation Strategy Board (ISB)

- Technology Strategy Board (TSB) under UK Govt.'s Department of Business, Innovation and Skills (BIS)
  - Expected Key High-level activities of ISB:
  - Identification and growth promotion in pre-selected industry segments
  - Design & publication of vision/focus of ISB from time-to-time, strategy/policy documents per segment, market/industry report for each segment, repository of earlier projects and case studies, etc

*Technology Strategy Board (TSB)*

[<http://www.innovateuk.org/aboutus/faqs.aspx>]

## Technology Strategy Board Driving Innovation

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### About the Technology Strategy Board

The Technology Strategy Board is the UK's national innovation agency. Our goal is to accelerate economic growth by stimulating and supporting business-led innovation.

We understand business, and our people come mainly from business. We work right across government, business and the research community - removing the barriers to innovation, bringing organisations together to focus on opportunities, and investing in the development of new technology-based products and services for future markets.



### Current Competitions [View All](#)

Competition for R&D funding in digital projects: Tech City Launchpad 1  
Grant for R&D (single business)

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#### competitions

Search Technology Strategy Board funding competitions

#### connect

Share knowledge through KTIIs and other networks

#### SBRI

Develop innovative products to meet government needs

#### innovation centres

A network of world-leading technology and innovation centres

#### Knowledge Transfer Partnerships

The proven university partnerships programme for business

#### Grant for R&D

New R&D science, engineering and technology funding for SMEs

### Case Studies [View All](#)



#### Painting the world greener

As the world becomes more eco-aware, the pressure on compan...

[More](#)

### News

**14 April 2011**  
Funding agreed for four collaborative research and development projects in industrial biotechnology

**11 April 2011**  
Technology and innovation centres update

### Events

**04 May 2011**  
Business Northwest

**06 May 2011**  
Digital Shoreditch - Summit event

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# Example of Innovation Support Delivery

## • Departments

### Knowledge Transfer Partnership (KTP)

- R&D on an idea/concept and transfer of R&D findings from University to Industry
- 40-60 % funding share between Govt. and an SME for the entire program; and hiring of a KTP associate for 18-36 months to work on the project

## • Expected Key High-level activities of Innovation Support Delivery Departments

- Identification of specialized segment in an industry to focus and provide business/technology support for growth

*Knowledge Transfer  
Partnership (KTP)*

[<http://www.ktpenline.org.uk/>]

Knowledge  
Transfer  
Partnerships

Database Search | New User Registration | Existing User Entry

Search:



**KTP provides academic institutions with the opportunity to apply knowledge and expertise to industry**

Graduates



Academics



Business



**Knowledge Transfer Partnerships (KTP)** is Europe's leading programme helping businesses to improve their competitiveness and productivity through the better use of knowledge, technology and skills that reside within the UK knowledge base.

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Technology Strategy Board  
Driving Innovation





# Example of Knowledge Exchange Network

(KEN)

- Knowledge Transfer Network (KTN) of Technology Strategy Board (TSB) in UK

- Expected Key High-level activities of KEN
- Identification and growth promotion in pre-selected industry domains
- Creating a Directory of Professionals
- Grooming Knowledge Network per Industry segments
- Scheduling Events throughout the year
- Listing of Partner Organizations supporting each KEN

*Knowledge Transfer Network*  
(KTN)

[<https://ken.innovateuk.org/>]

The screenshot displays the Open Innovation \_connect website. The top navigation bar includes links for Home, People, Networks, Events, and Organisations, along with a search bar. A sidebar on the left offers options to Log in, Register, or Log out. The main content area features a 'Share Knowledge' section with a description of the platform's purpose and a 'Join \_connect' button. Below this, there are sections for 'Featured network' (Materials Knowledge Transfer Network) and 'Popular networks' (Nanotechnology, Materials, Environmental Sustainability, and Biosciences). Each network listing includes a brief description, member count, and group count.

Open Innovation  
\_connect

Home People Networks Events Organisations All Items E.g. Ann Other, Solar Power Search

Login  
Log-in  
Not yet a member? Register with Connect.  
Register

## Share Knowledge

\_connect is a place where open innovation happens, where you can work together securely, share information and knowledge. Utilise the online tools to work collaboratively or discuss your ideas and find events to meet with others from your community.

Join \_connect

Overview Profile Blog Document library

### The next generation in alternative energy sources!

By: Bob Jones | May 12, 2010 3:00PM

We would like to share a few exceptional ideas in order to promote further development through collaborative effort or a greater understanding of the challenges.

100 Views, 24 Comments

Add this to...  
Your Rating  
Average (0 Votes)

Share Knowledge Join Networks Find People

#### Featured network

##### Materials Knowledge Transfer Network

The Materials KTN is an overarching network of networks in Materials, set up to bring together the views of all in business, design, research and technology organisations, trade associations, the financial market, academia and others in the value network across the materials community.

#### Latest articles

27-Apr-2011

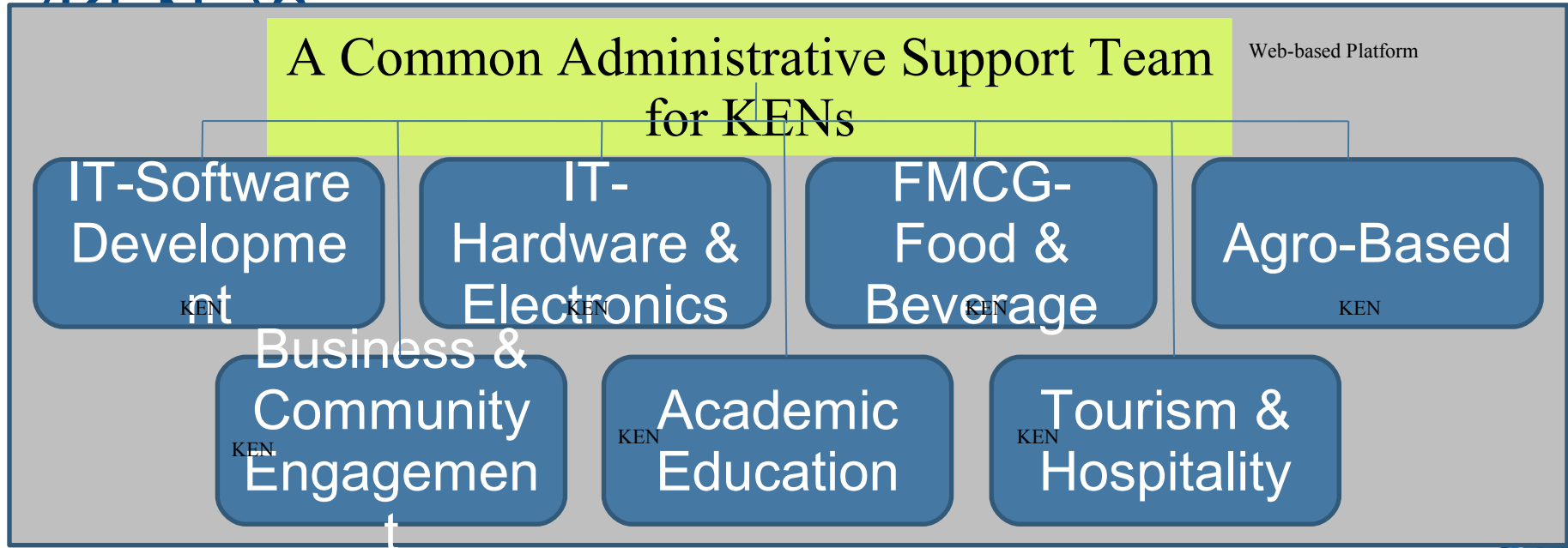
Nanotechnology - DNA folded into complex shapes could have a big impact on nanotechnology - 13:03:30

While the primary job of DNA in cells is to carry genetic information from one generation to the next, some scientists also see the highly stable...

#### Popular networks

Network	Members	Groups
Nanotechnology Knowledge Transfer Network	2167 members	22 groups (5 shared)
Materials Knowledge Transfer Network	3766 members	22 groups (4 shared)
Environmental Sustainability Knowledge Transfer Network	3791 members	25 groups
Biosciences Knowledge Transfer Network	2177 members	29 groups

# How is Knowledge Exchange Networks



FOR  
WHA  
T

- 1) Annual Meet: Networking Events, Global Business Case Presentations, Project Announcements
- 2) Periodic e-Newsletters: Manipuri Experts Database Development, SMEs' Business Cases, Academic/R&D Updates, Intimation of Govt's New Plans and Policies, etc

FOR  
WHO  
M

- 1) Academic Institutions (Manipur University, Central Agricultural University, IBSD, etc)
- 2) Departments/Ministries in the Manipur State Government
- 3) Working Professionals in respective industry domains
- 4) Local SMEs and Multinational Companies in global locations

# How KENs will impact Manipur's Socio-Economy?

FOR  
GOV  
T

- 1) Opportunity to engage target groups/individuals directly by respective departments in GoM
- 2) Including suggestions from industry experts in policy making and project implementations of GoM
- 3) Building connectivity and reach by GoM for business projects by Manipuris at global destinations
- 4) Adapting from Executive role to Supporting role thereby reducing cost and time to GoM

FOR  
LOC  
ALS

- 1) Opportunity to engage experts and companies from global destinations including Govt officials
- 2) Building global Supply Chain network for businesses in Manipur for export and import of products
- 3) Promoting social and economic bonding among Manipuris globally
- 4) Availing financial support from Overseas Manipuris for various socially beneficial projects

FOR  
OVERS  
EAS  
MANIPU  
RIS

- 1) Opportunity to contribute back to homeland such as global experiences, finances, contacts, etc
- 2) Promoting culture and tradition of Manipuris to destinations where Overseas Manipuris reside
- 3) Ability to get connected to fellow Manipuris who are experts in various industry domains globally
- 4) Building a professional global think tank for the benefits of every Manipuri globally

# Likely Bottlenecks in KENs Creation and Mitigation

Adjustment in personal engagement style towards predefined vision

Limitations on interaction among delegates on a web-based system

New approach for KE activities and hence feasibility of uncertainties

Commitment from stakeholders – Time & Effort

Overseas Manipuris at various global destinations

Scenarios of local environment for KE activities

Motivation level of Officials in Govt of Manipur

Timeline for KENs structure implementation

Lack of Quick Wins

Support and team work from key stakeholders



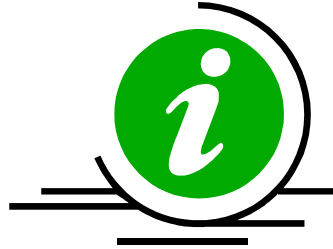


# Example of Outcome/Benefits from KEN setup

- Role of Academic Institutes in Manipur (MU, CAU, IBSD, etc.)
  - MIMS (of MU):
    - Design of a 5-day intensive 'Entrepreneurship Culturing and Enterprise Development' module followed by 4-8 weeks practical project implementation
    - Support for project/grant application and business setup by SMEs / graduates / locals to government departments and financial funders
    - Access to every village/towns for development by GoM wherein there is a nearby college or higher secondary school throughout Manipur
    - Feasibility to fund mini-projects/grants by various related departments in GoM to graduates/locals, and mentoring support by Experts from Overseas Manipuris
- Similarly, for every school/department in the academic institutes:



# Any Questions?



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