Thailand Science Park
LARGEST
FULLY-INTEGRATED
R&D HUB IN THAILAND

Janekrishana Kanatharana, Ph.D.
Director, Thailand Science Park, and
Vice President, National Science & Technology Development Agency
Facts & Figures

• Established: 2002
• 80 Acres, 300,000 sq.m.
• NSTDA & 4 National Research Centers
• 80 companies, 1/3 are international
• > 500 R&D projects, 45-50% Joint/contract project
• Economic impact: 20,000 MB annually
NSTDA at a glance

Established December 1991

Governance A quasi-government agency with Minister of Science and Technology as chairman of the board

Vision: Key S&T partner towards knowledge based society/economy

Mission: R&D, Technology Transfer, HRD and Infrastructure

Org. Chart: 4 National R&D centers and Technology management center
Hub of Science and Technology Services

- **Business & IP**
  - Technology Business Incubation
  - IP Management
  - IP Commercialization

- **Financial & Investment**
  - Research Grant
  - Soft Loan
  - Joint Investment
  - 300% Tax Incentive Program for R&D Expenditure

- **Infrastructure & Facilities**
  - Space & Leasehold Land for Private R&D
  - Science & Technology Knowledge Service
  - Central Laboratories and Testing Services

- **R&D / Technology**
  - Contract / Joint Research
  - Industrial Consultancy
  - Testing & Analytical Services
  - Technology Acquisition

- **Human Resources**
  - Training
  - Specialist Database
  - Specialist Recruitment

**Services by Tenants**

- DECC
- Zoetis
- INDUSTRIE
- The NFC
- Shimadzu
- TUV
- CDIP
- BETAGRO
- JEOL
- Polymers
- DotArai Co., Ltd.
Hub of R&D Personnel

Thailand Science Park
- ~4,000 staff, 65% RD&E personnel, >600 Ph.D
- >700 skilled workforce, 70% RD&E personnel in private sector

AIT and Thammasart University
- 6,000+ Research and Academic Personnel.
- 4,000+ Graduate Students.
- 25,000+ Undergraduates.

Plus 8 universities Nearby
- 4. Bangkok University
- 5. Rangsit University
- 6. Valaya Alongkorn Rajabhat University
- 7. Rajamangala University of Technology Thanyaburi
- 8. Shinawatra University
- 9. Eastern Asia University
- 10. North Bangkok University
- 11. Patumthani University
Easily Link to

5 Industrial Parks
- Bangkradee
- Rojana
- Hi-Tech
- Navanakorn
- Bangpa-In

To BKK and Major Cities
- 45 min to BKK CBD by Expressway, Tollway and Upcoming Red Line
- 30 min to Don Muang Airport
- 60 min to Suvarnabhumi Airport
Ease of Knowledge Dissemination
The Thailand Science Park Convention Center

• 30,000 sq.m.
• Auditorium with 380 seats
• Grand exhibition hall
• 14 training rooms
• ~600 events a year
Tenants
Universities
Research Institutes
Firms Outside

Linkage
Collaboration
Network

Value-added Services

Learning by sharing
Knowledge Sharing among/between tenants & visitors

Industry visits
Focus on Food & Auto-parts Industries

R&I Matching
Match firm + tenants
    firm + national center

Innovation Deal Flow
Match large firms + Startups & SMEs

An Open Innovation Platform
Innovation through Collaborations
Betagro and MTEC/NSTDA – Healthy processed meat products

**Low-fat Sausages**

Conventional Sausage
Total fat content ~ 20-30%

Fat content < 5.45%

Collaboration with MTEC/NSTDA

**Functionality of Fat in Foods**

- Source of flavour
- Precursor
- Flavour release
- Flavour profile
- Reservoir
- Flavour masking
- Mouth feel/Richness

**Betagro** and MTEC/NSTDA – Healthy processed meat products

**Low-fat Sausages**

- Low fat, low calories, low cholesterol
BOI Incentives @ TSP

- Exemption of import duty on machinery
- 8-year corporate income tax exemption without being subject to Corp. income tax exemption cap
- Additional 50% reduction Corp. Income Tax for 5 more Years after Tax Exemption Period Ends
- Work Permit and Visa Facilitation for Foreign Specialists and Researchers
THAILAND SCIENCE PARK
where innovation and technology grow
www.sciencepark.or.th
0-2564-7220
customerrelation@sciencepark.or.th
Thailand Science Park