

<http://seafast.ipb.ac.id/>

# OVERVIEW OF SEAFAST CENTER

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## Welcome

<http://seafast.ipb.ac.id/>

**SEAFAST CENTER**  
Southeast Asian Food & Agricultural Science & Technology Center  
Institute of Research & Community Empowerment- Bogor Agricultural University

Home | About us | Facilities | Partnership | Research | Publications | Gallery | Media | Seminar | Training

**Legenda**

- Pelatihan Pembuatan Nata de Coco, 18 Januari 2011

**Populer**

- Ketahanan Pangan dan Perspektif Kebijakan
- Food Ingredient Variatif, Produk Makanan
- Berkembang
- Pa, 2010, Dukung Industri Pangan Indonesia

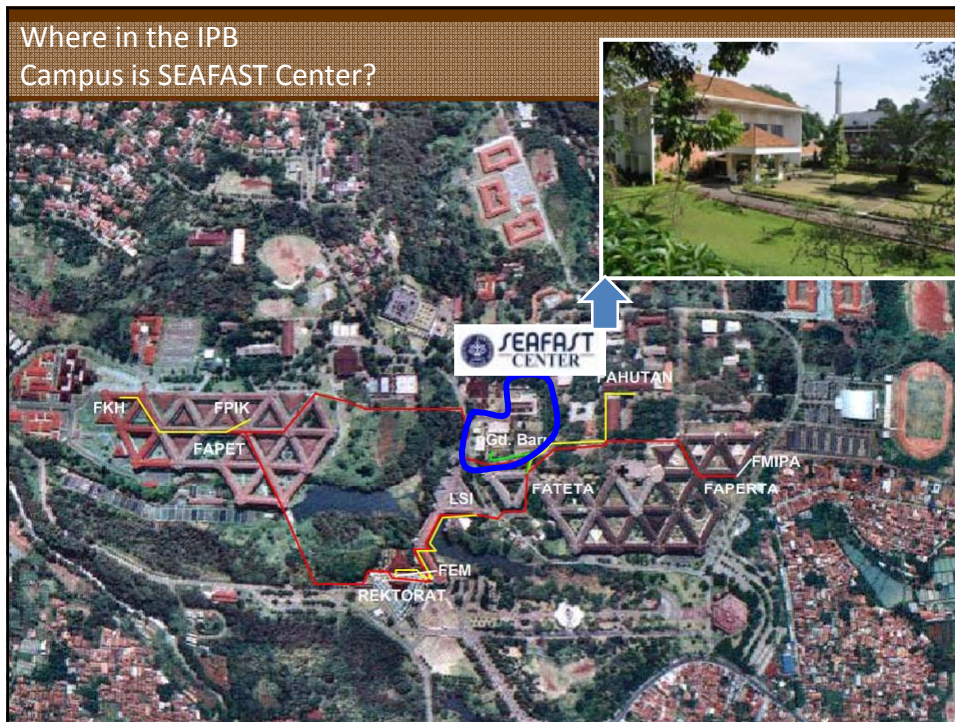
**Demo Pembuatan Produk Roti**

Thursday, 27 January 2011 09:38

Sekitar sepuluh orang ibu-ibu rumah tangga di sekitar Kampus IPB Darmaga Bogor antusias menyaksikan demo pembuatan produk roti yang diselenggarakan di Bread Unit, SEAFAST Center.


**Who's Online**







## BACKGROUND


- Since 1970
  - Food Technology Development Center (FTDC)
  - Center for Food & Nutrition Study
  - Center for Traditional Food Study
  - Center for Food and Nutrition Policy Study
- Consolidation of "Food" Center
- IPB-TAMU (MOU Dec 2003)
  - To establishing sustainable food research center
  - To develop a food science program of excellence at the Bogor Agricultural University (IPB) with technical support from Texas A&M University
- SEAFAST project (2005-2008).
  - TAMU supported by USDA; 416-b)
- SEAFAST Center (2008 - NOW)



SEAFAST Center  
(2004)







## BACKGROUND ... *history*



This Building (formerly building of Food Technology Development center) was renovated → New **SEAFast Center** building



## BACKGROUND ... *history*



This Building (formerly building of Food Technology Development center) was renovated → New **SEAFast Center** building



## BACKGROUND ... *history*



Condition of SEAFast Center building at Darmaga Campus, IPB , Bogor, Indonesia as of **September 19, 2005**



## BACKGROUND ... *history*



Condition of SEAFast Center building at Darmaga Campus, IPB , Bogor, Indonesia as of **Dec 10, 2008**



## BACKGROUND ... history



## BACKGROUND

Southeast Asian Food and Agricultural Science and Technology Center  
Pusat Pengembangan Ilmu & Teknologi Pertanian & Pangan Asia Tenggara

**SEAFST  
CENTER**

Improving Food Quality, Nutrition and Safety through Science and Technology  
Meningkatkan Mutu, Gizi, dan Keamanan Pangan melalui Ilmu dan Teknologi


### FOCUS :

**Improving Food Quality, Nutrition and Safety through Science and Technology**

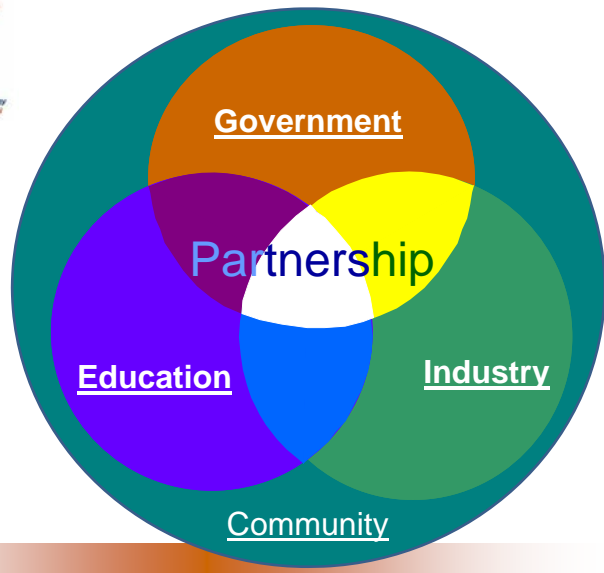


## BACKGROUND


Southeast Asian Food and Agricultural Science and Technology Center  
Pusat Pengembangan Ilmu & Teknologi Pertanian & Pangan Asia Tenggara



Improving Food Quality, Nutrition and Safety through Science and Technology  
Meningkatkan Mutu, Gizi, dan Keamanan Pangan melalui Ilmu dan Teknologi




**STRATEGY:**  
Promoting, nurturing, and sustaining partnership

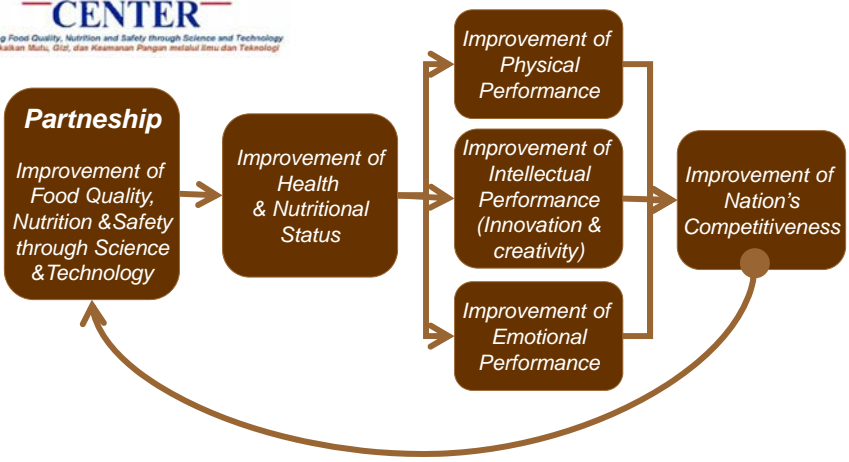



## Public-Private Partnerships ... WHY?

Southeast Asian Food and Agricultural Science and Technology Center  
Pusat Pengembangan Ilmu & Teknologi Pertanian & Pangan Asia Tenggara



Improving Food Quality, Nutrition and Safety through Science and Technology  
Meningkatkan Mutu, Gizi, dan Keamanan Pangan melalui Ilmu dan Teknologi





## Public-Private Partnerships ... WHAT?



- Food safety
- Nutrition
- New product/process development
- Product testing/analysis
- Process inspections & validation
- Post-harvest and cold-chain development
- Policies and regulatory services
- Problem Solving



## Public-Private Partnerships ... WHAT?

- Human Resource Dev/Training
- Consumer education
- SMEs empowerment
- Publications



## Public-Private Partnerships ... WHAT?

### Illustrations :

- Working with Micro-, Small- and Medium Food Enterprises



## Public-Private Partnerships ... WHAT?

### Illustrations :

- Working with Micro-, Small- and Medium Food Enterprises



## Public-Private Partnerships ... WHAT?

### Illustrations : Food Product Development

## Public-Private Partnerships ... WHAT?

### Illustrations : Food Product Development



Suitability of Selected Soybean Varieties for Production of Tempe, Tofu and Soy Milk

	IP New	IP 1 year old	US	Argentina	Local
Tempe					
Tofu					
Soy Milk					

## Public-Private Partnerships ... WHAT?

### Illustrations : Food Product Development



Evaluation of US Dehydrated Potatoes to be used as an ingredient processed foods





## Public-Private Partnerships ... WHO?



































 PPP : Food Safety Training at SEAFAST center

Training/  
Nurturing  
of **MSEFs**

Training is  
done *on the  
spot*





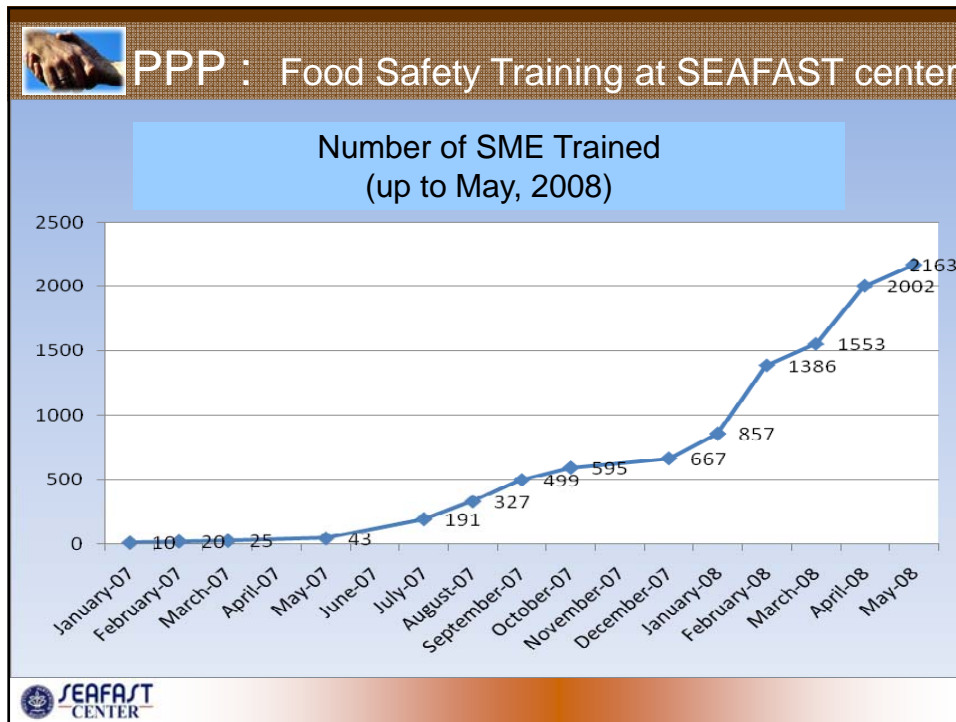
 PPP : Food Safety Training at SEAFAST center

Training/  
Nurturing  
of **MSEFs**









**Capacity Building Training for Government Agencies**

- Food Inspections Level -1 (Assistant food inspectors)
- Food Inspections Level -2 (Junior food inspectors)
- Food Inspections Level -3 (Senior food inspectors)
- Food Sampling for Inspection
- Seafast Center as a Resource Institution

Partnership  
SEAFAST Center-  
National Agency for Drug & Food Control

SEAFAST CENTER



## PPP : Food Safety Training at SEAFAST center

**Capacity Building Training for Government Agencies**

- Food Safety for Quarantine Personnel's
- Training for SMEs

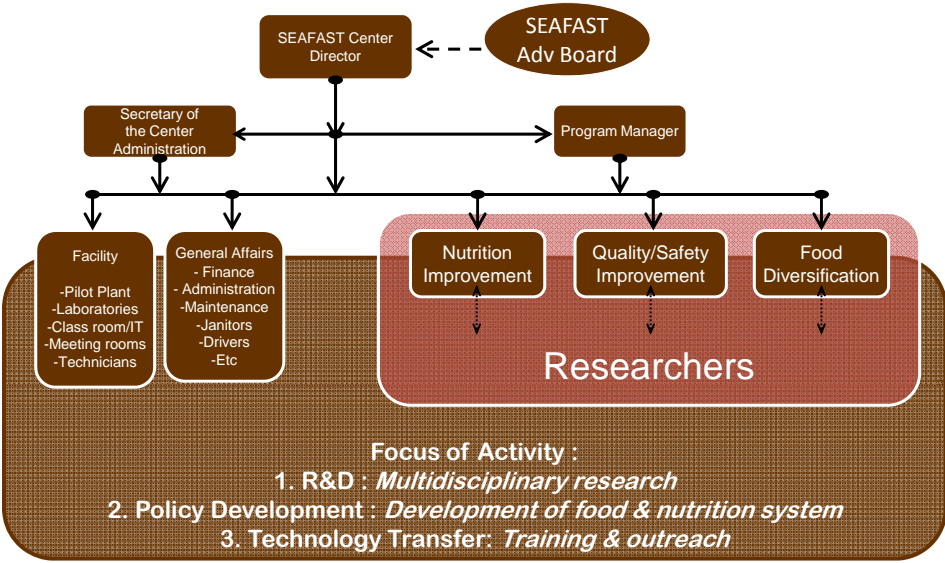


- Seafast Center as a Resource Institution

Partnership  
SEAFAST Center-Ministry of Agriculture



## Organization




```

    graph TD
      SEAFAST_Adv_Board([SEAFAST Adv Board]) -.-> SEAFAST_Center_Director[SEAFAST Center Director]
      SEAFAST_Center_Director --> Sec_of_Admin[Secretary of the Center Administration]
      SEAFAST_Center_Director --> PM[Program Manager]
      SEAFAST_Center_Director --> Researchers
      Sec_of_Admin --> Facility
      Sec_of_Admin --> General_Affairs
      Facility --- Researchers
      General_Affairs --- Researchers
      PM --> NI[Nutrition Improvement]
      PM --> QSI[Quality/Safety Improvement]
      PM --> FD[Food Diversification]
      NI --- Researchers
      QSI --- Researchers
      FD --- Researchers
  
```

**Focus of Activity :**

1. R&D : *Multidisciplinary research*
2. Policy Development : *Development of food & nutrition system*
3. Technology Transfer: *Training & outreach*



## Our Staffs

SEAFAST Center established mutual partnership with many Department in IPB

SEAFAST Center employs

- Full time reseachers (PhDs, Profs),
- Student workers,
- Research assistants, and
- IT specialists

Rich expertise  
in food quality,  
nutrition and  
safety



### Some Established Networks

RESEARCHES

**RISTEK**  
Network of Food  
Diversification  
Research

**SEAFAST CENTER**

### Some Established Networks

Distance Ed

**SEAFAST CENTER**

With extensive network established,  
**POTENTIAL ROLE OF SEAFAST CENTER**

1. Expanding the teaching, research and training network and capacity of Indonesian universities.
2. Strengthening national and regional public private partnership.
3. Opening up more opportunities for faculty & students to learn food science and technology.
4. Increasing the economic competitiveness of the agriculture/food processing industry with improvements in food science & technology.
5. Expanding capacity building programs for the food-processing sector.



With extensive network established,  
**POTENTIAL ROLE OF SEAFAST CENTER**

6. Improving assistance to the food-processing sector to better feed the nations.
7. Improving human capital for the food processing sectors in Indonesia and neighboring countries.
8. Expanding trade and increased export of Indonesia agricultural/food commodities
9. Strengthening the Indonesian and other ASEAN economies to be stronger trading partners
10. Reducing poverty and malnutrition

**NEED PARTNERSHIP**



Food Industries

SMEs








## Our Facilities



Modern, State of the Art, Laboratories



## Our Facilities



Food Processing Pilot Plant



## Our Facilities



Baking Research And Development (BReAD) Unit



## Our Facilities



Distance Education Class/facility



# Thank You

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**SEAFAST CENTER**  
Improving Food Quality, Nutrition & Safety Through Science & Technology

**Southeast Asian Food & Agricultural Science & Technology Center**  
Institute for Research & Community Services - Bogor Agricultural University

Home - About us - Facilities - Partnership - Research - Publications - Gallery - Downloads - Contact us - Seminar

SEAFast Center bersama dengan Halal Science Center mewakili IPB dalam The 1st Indonesia Int'l Halal Business & Expo 2010

**Latest News**

- Profil Prof. PurwatiNo, Hkriyadi
- Certifikasi Halal Sistem Sekolah Tinggi Kandang-Vilamin A
- 100 Juta Orang Indonesia Kurang Zat Besi
- Disbuti Jimnah SEAFAST UPPM IPB "Peranan Susu Dalam Upaya Pencegahan Stafus, Gizi Anak"
- Konsumsi Susu di Indonesia Masih Rendah

**Agenda**

- Pelatihan Standard Compliance Food Industry
- Paket Pelatihan Pengolahan Pangan
- Pelatihan Modern Food Safety Management
- Pelatihan Sistem Manajemen Keamanan Pangan ISO 22000:2005
- Pelatihan HACCP untuk Industri Jasa Roga

**IHBF Expo 2010 Gallery**  
Wednesday, 28 July 2010 02:00

SEAFAST Center bersama dengan Halal Science Center mewakili IPB dalam The 1st Indonesia Int'l Halal Business & Expo 2010 (The 1st IHBF) yang diselenggarakan di Assembly Hall Jakarta Convention Center (JCC), Jl. Jend. Gatot Subroto, Senayan, Jakarta tanggal 23-25 Juli 2010. Selain pennelepparaan pameran yang diikuti oleh 100 lembaga dan 160

**PAJUBI INTERNATIONAL BUSINESS 2010**  
23-25 JULY 2010 AT JAKARTA, INDONESIA

**SEAFAST CENTER**

**SEAFAST CENTER**