4th International Focus Group Meeting
Integrated Foresight for Sustainable Economic Development and Eco-Resilience in ASEAN Countries”

Food Focus Group
1-2 OCTOBER 2013

Steady Sailing
- Adaptation / mitigation technology
- Easy international market (flow from outside)
- Good distribution system
- Subsidy / raw material price
- Slow adaptation to change
- Low productivity, low global reach
- Food for Boys regulated

Volatility of Production and Input
- Global economy rebound
- Flood /drought / disasters
- Food safety and standard
- Shortage of food supply
- Fluctuation of investment
- High regulation demands
- Public Private Community Partnerships (PPCP) Growth
- Unpredictable productivity
- Advanced production technologies
- High input (unpredictable energy prices)
- Competition between ‘Foods and Fuels’
- Sudden rise in external demands
- Food innovation is high

Government Involvement

Government Knows Best
- Pests and diseases outbreak
- Flood /drought / disasters
- Food safety and standard
- Shortage of food supply
- Uncertainty of resources availability
- Climate Change impact
- Global economy rebound
- Price is rising, volatile
- Cost per unit is increasing

Sinking Slowly
- Regional commodities competition
- Competition/Demand : low
- Agriculture productivity: low
- Low innovation
- Labor shortage due to low wages
- No youth opportunity

ASEAN Situation 2013
Thailand Situation 2013
Preferred Situation 2020

Thailand Situation 2013
Preferred Situation 2020

ASEAN Situation 2013
Preferred Situation 2020
A: Riding the Waves
- Natural disaster
- Lack of awareness of farmers on Post-Harvest losses
- Environmental factors are worsening
- Infrastructure investment anticipate climate impact
- Production costs low, but raising
- Vulnerable to climate

B: Rising Sea Storming
- Climate Change Impact high
- Combine social, political and environmental uncertainty high
- Lack of coordination between institutions
- Competing policy and institutional agenda
- Conflicted Gov.

Production input
- Social riot
- Gap of BOP, widen
- (without environmental pressure)
- (surprising impact)
- Subsidy policy on chemical fertilizer, pesticides
- Flexibility equal/low

D: Easy Sailing (Preferred Scenario)
- Stable production
- Low anxiety (people happy)
- (able to cope with climate impact)
- Government knows best (take care of people)
- Strong government support (for food production, climate change readiness, implementation of Food Act No. 18/2012)

- A: Riding the Waves
- Social riot
- Gap of BOP, widen
- (without environmental pressure)
- (surprising impact)
- Subsidy policy on chemical fertilizer, pesticides
- Flexibility equal/low

- A: Bright Future
- High demand, low risk, stable, diversity demand, knowledgeable consumer
- Climate change hit hard
- Infrastructure very vulnerable
- Gov spend a lot of money on infrastructure, disaster relief and R&D
- Low carbon society, green products?

- B: Clean but Cloudy
- High volatility market, high risk, weak market conditions
- Industry have no money
- Product is green
- Adaptation capacity low
- Innovation is lower (fight for survival)
- Agriculture is shrinking
- Massive movement to the city, industrial sectors
- Pollution is higher

- C: Green is Mean (Very Tuff World)
- High volatility market, high risk, weak market conditions
- Industry have no money
- Product is green
- Adaptation capacity low
- Innovation is lower (fight for survival)
- Agriculture is shrinking
- Massive movement to the city, industrial sectors
- Pollution is higher

- D: Risky Farmers
- High volatility market, high risk, weak market conditions
- Industry have no money
- Product is green
- Adaptation capacity low
- Innovation is lower (fight for survival)
- Agriculture is shrinking
- Massive movement to the city, industrial sectors
- Pollution is higher
### Constraints

- A: Security of ASEAN Food System (availability, affordability, market resilience, distribution efficiency)
- B: Sustainability (Ecological-disease – pestilence monoculture vulnerabilities)
- C: Innovation opportunities, prospects
- D: Bottom of Pyramid impacts, possible improvements

#### Step One: 45 minutes 10pl, 25br, 10pl

- 1.1 Describe each Scenario 4 Lenses:
  - SECURITY of ASEAN Food System (availability, affordability, market resilience, distribution efficiency)
  - SUSTAINABILITY (Ecological-disease – pestilence monoculture vulnerabilities)
  - INNOVATION opportunities, prospects
  - BOTTOM OF PYRAMID impacts, possible improvements

#### Step Two: 45 minutes 5pl, 30br, 10pl

- 2.1 Using this 4 Scenario Template, Do this for each of two Time horizons:
  2. Horizon 2020-2025

- 2.2 Then situate where ASEAN members are now on the Horizon 1 diagram and discuss what may be possible for Horizon 3

#### Step Three: 30 minutes 5pl, 20br, 5pl

- 3.1 Map Horizon 2 strategies, onto the Horizon 3 Template, focusing on adaptation & resilience, innovation and BOP prospects for each ASEAN member sub-group;
- 3.2 Create a composite Horizon 2 strategies story text summary slide for presentation purposes, and assign rapporteur from food group

#### Step Four: 30 minutes: 5pl, 20br, 5pl

- 4.1: Discuss and fill in the Nexus Matrix:
- 4.2: Discuss and assign scores for ASEAN members Capacity Preparedness index for the food element in the Nexus;
- 4.3: Edit Slides-templates for plenary

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### Nexus Matrix/ Food 2017-2025

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