Insects in Thailand and South-East Asia

A potential to build and develop

Nathan Preteseille

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Context

Where

- Thailand and SEA
- Europe

What

- Insects as Feed and Food
- Potential and barriers

Who

- Industry
- Research
- Regulation

Why

- Historically leader
- « Development Possibilties » leader

POTENTIAL- insects as feed

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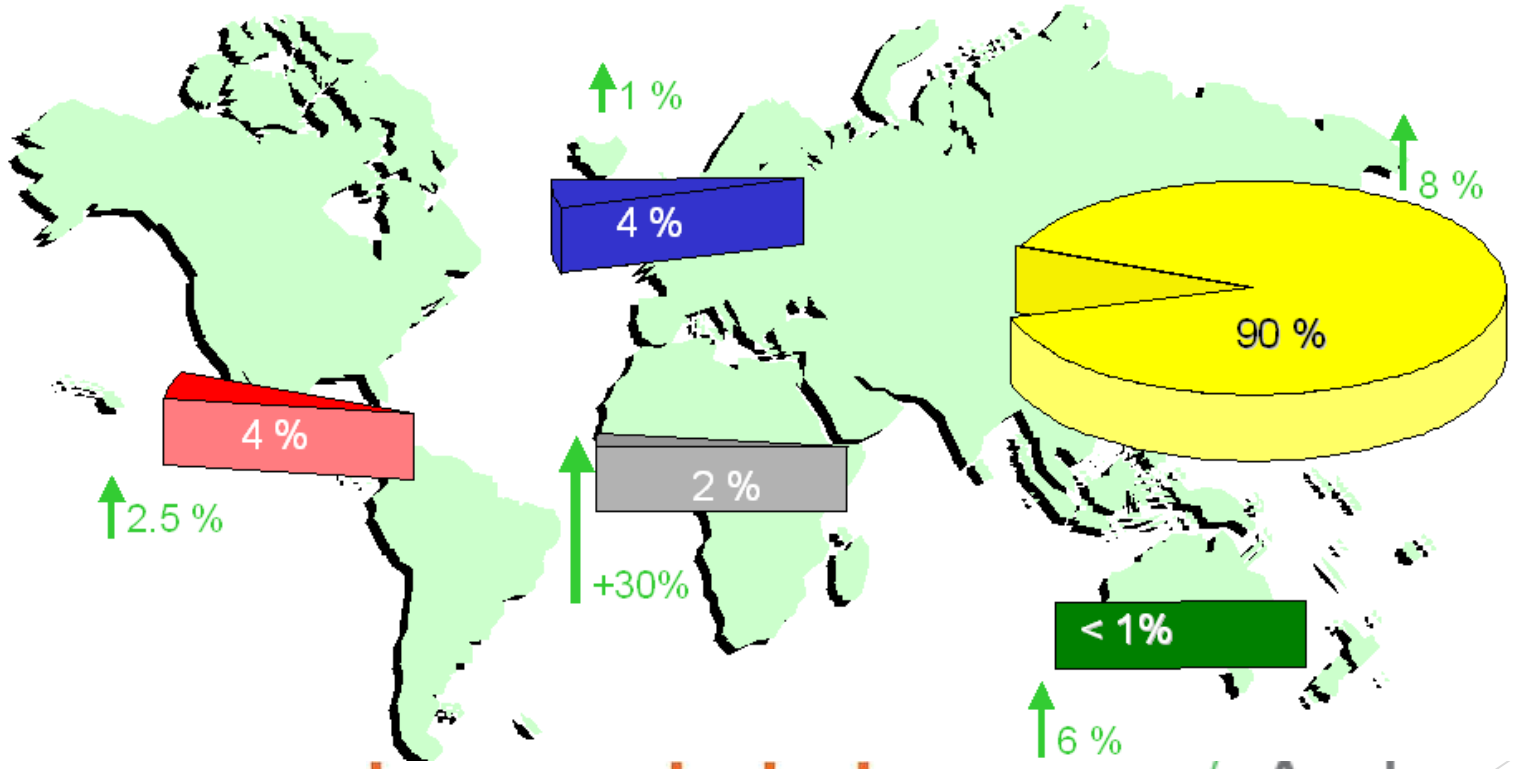
I. Insects as Feed and Aquaculture

- Aquaculture: South-East Asia is and will be ***the place to be***!



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I. Insects as Feed and Aquaculture

- Aquaculture: South-East Asia is and will be ***the place to be***!
- Where do insects have a role in Aquaculture?

Fishes harvested in the Ocean → Fishmeal for carnivorous fishes and shrimps → Aquaculture, (poultry, pet) feed

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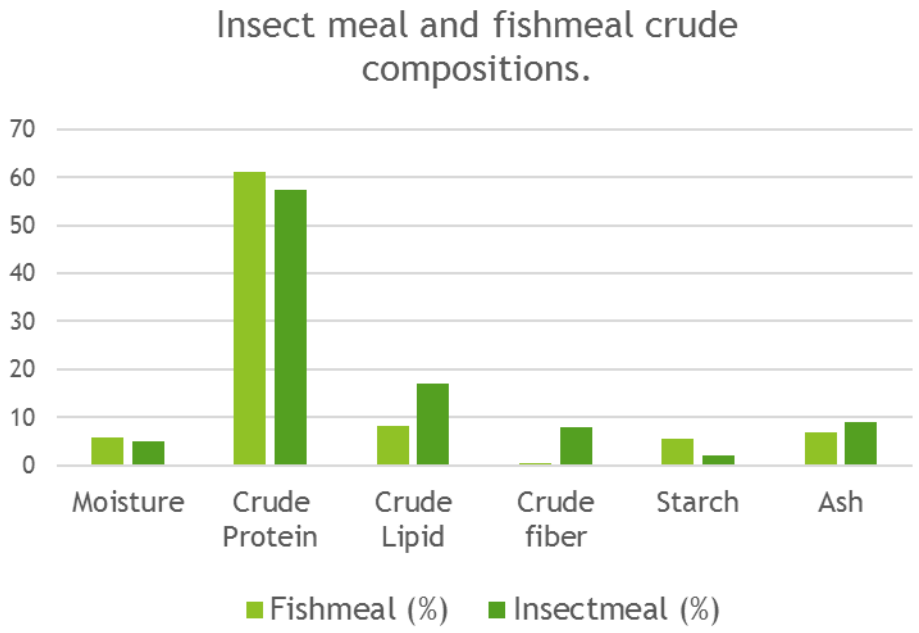

Insects → Fishmeal for carnivorous fishes and shrimps → Aquaculture, (poultry, pet) feed

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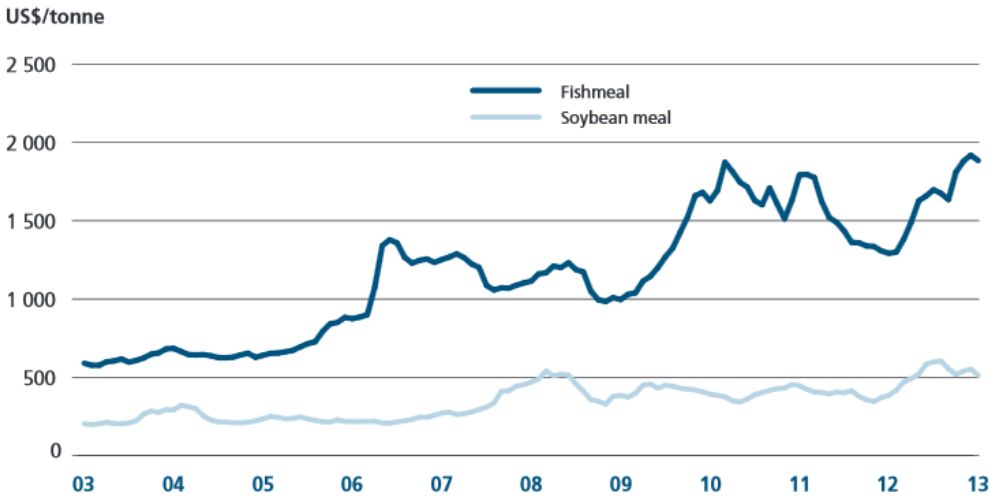
Insects

Insectmeal for carnivorous fishes and shrimps

Aquaculture, (poultry, pet) feed

Trends in the price of fishmeal and soybean meal



Illegal fishing worth $600m in the Pacific amounts to 'daylight robbery'

Calls for better policing of the industry as report finds licensed fishing vessels are responsible for majority of the illegal catch

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II- Insects as Feed- Industry

- State in SEA

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II- Insects as Feed- Industry

- The « PARADOX »

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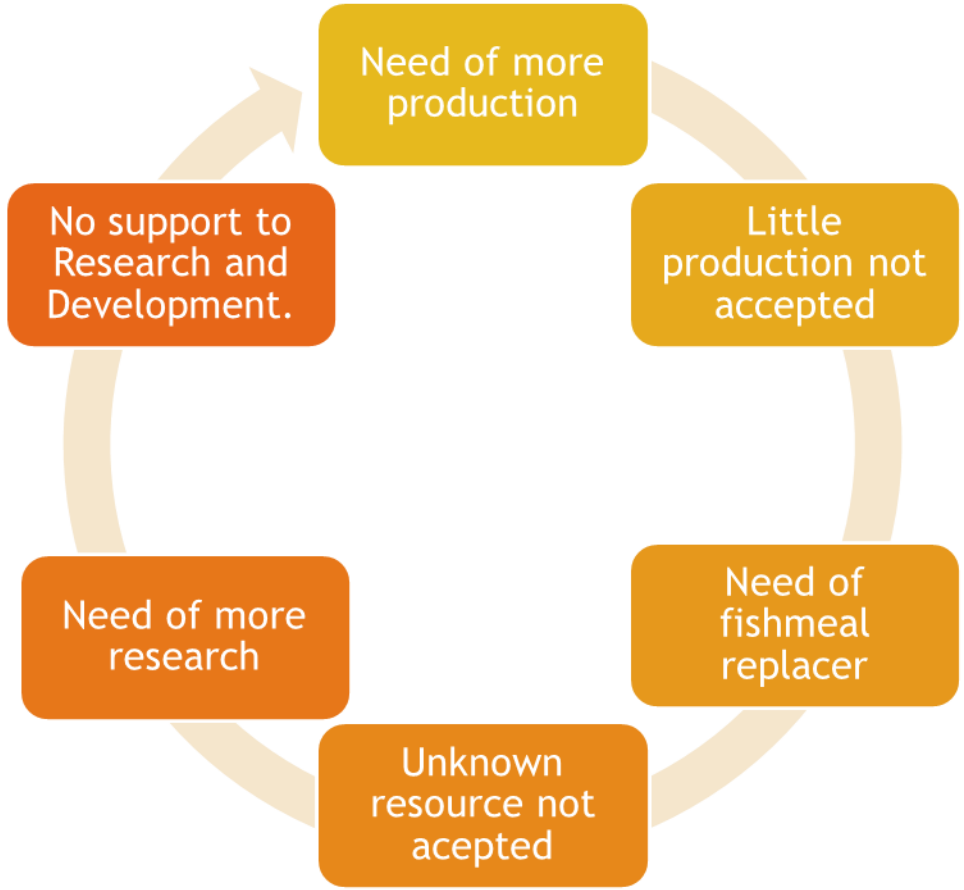
II- Insects as Feed- Industry

- The « Barrier-loop »



POTENTIAL- insects as food

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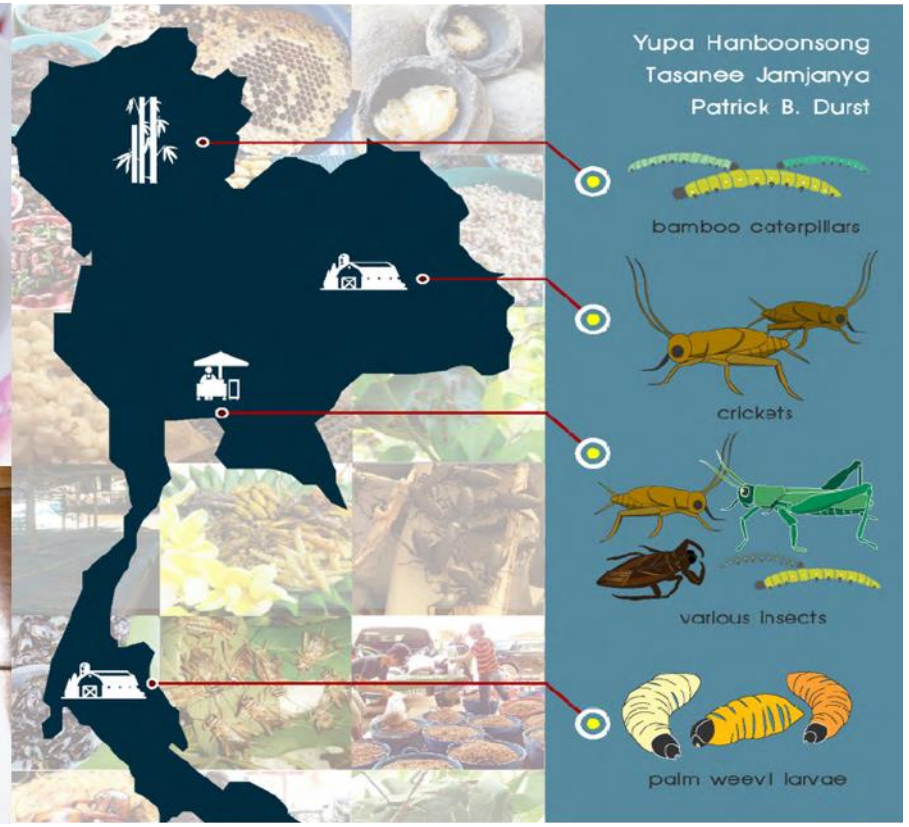
II. Insects as Food

- Nationwide but sparse consumption, crickets mainly consummed



II. Insects as Food

- Nationwide but sparse consumption, crickets mainly consummed
- A simple processing way.

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II. Insects as Food

- Nationwide but sparse consumption, crickets mainly consummed
- A simple processing way.
- Leader in the region with organized production, Lao PDR starting
- A source of solutions:

Powerty	Drought
Food security	International presence

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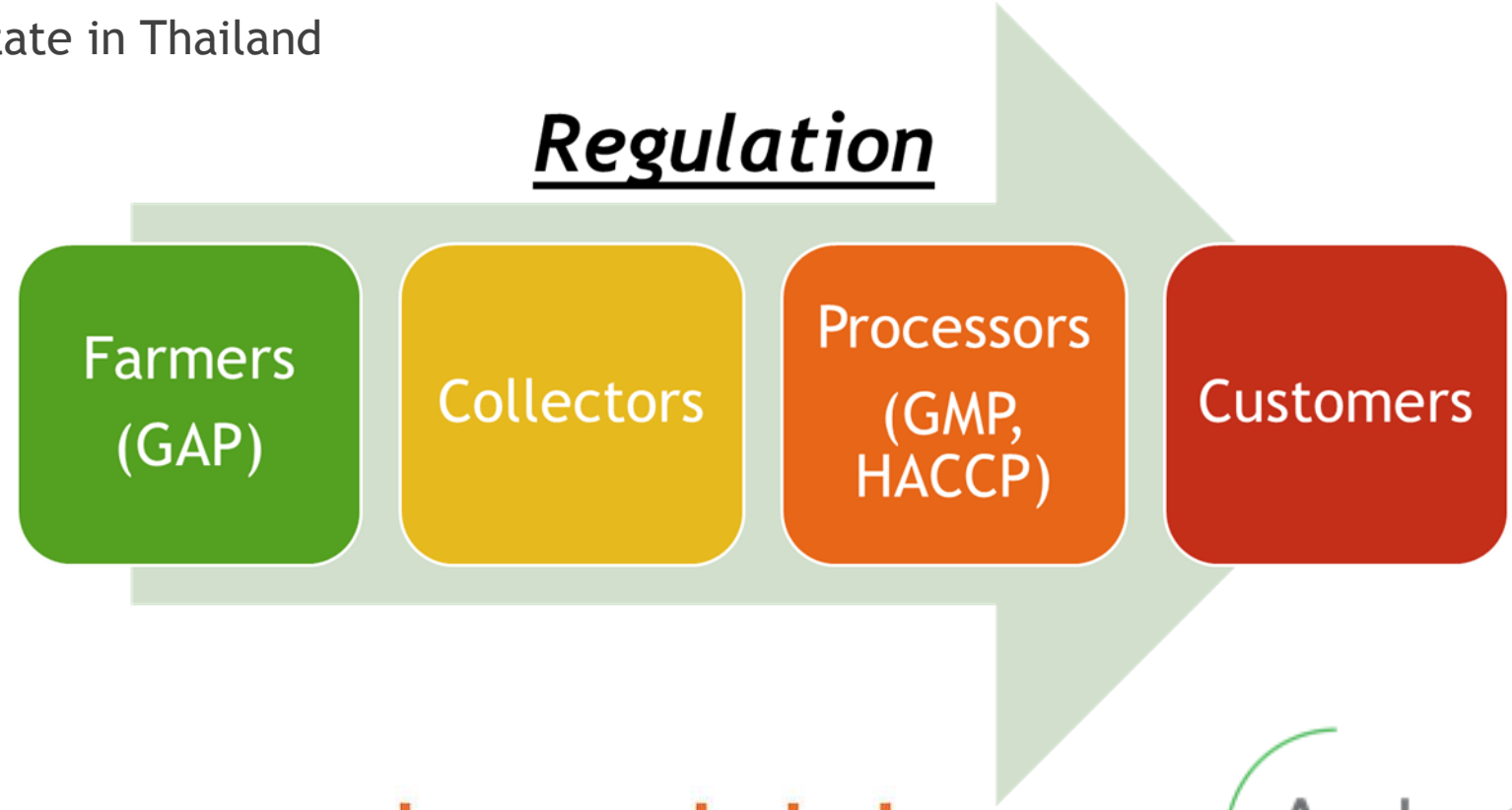
II- Insects as Food- Industry

- State in Thailand



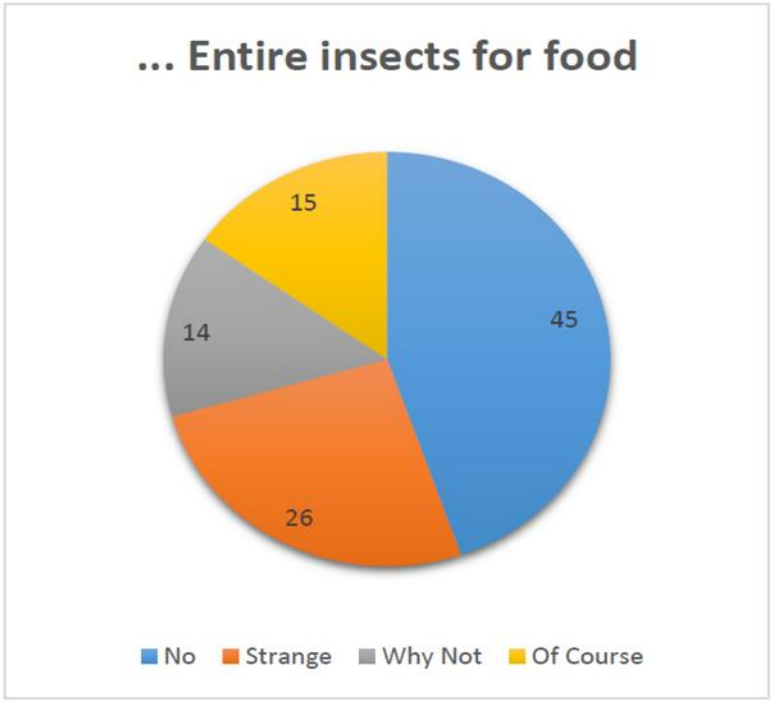
II- Insects as Food- Industry

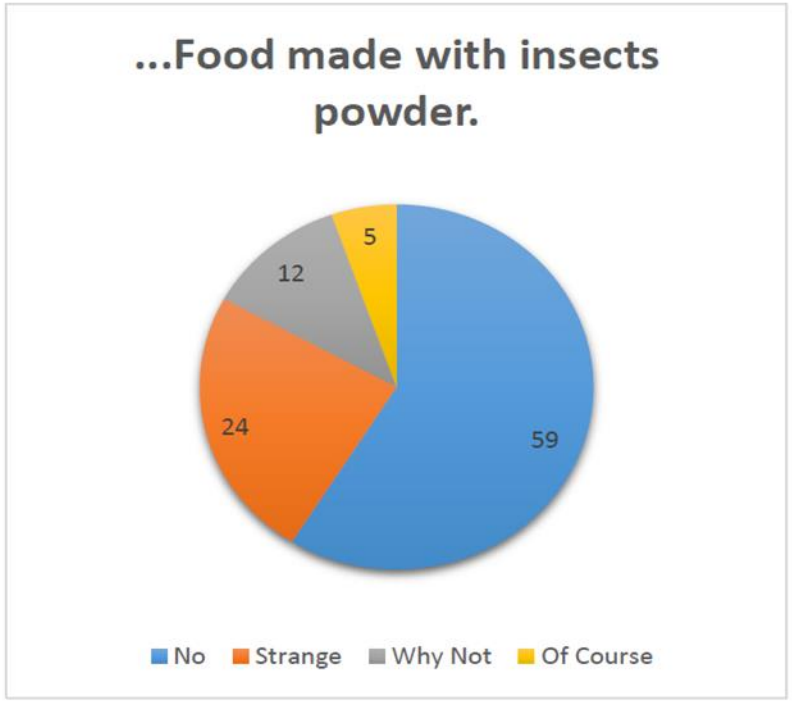
- Next step: Optimization: Example: the logistic aspect

II- Insects as Food- Industry

Preteseille Nathan. July 2015.

2. Do you like the idea of using insects as …?





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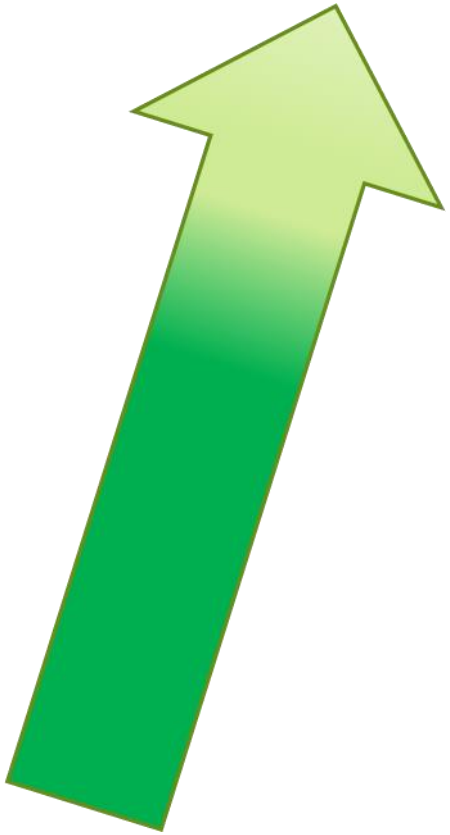
III. Research and Education

Research



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III. Research and Education

Research

Education

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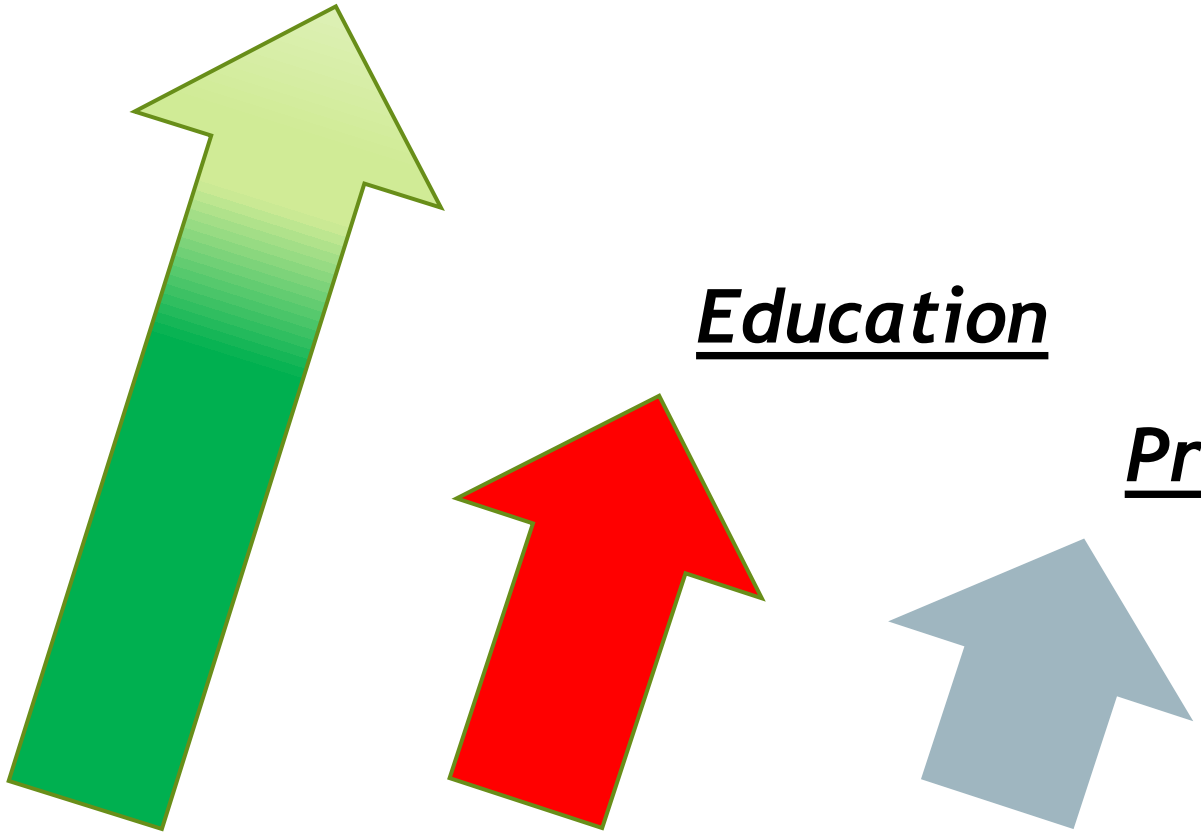
III. Research and Education

Research

Education

Production



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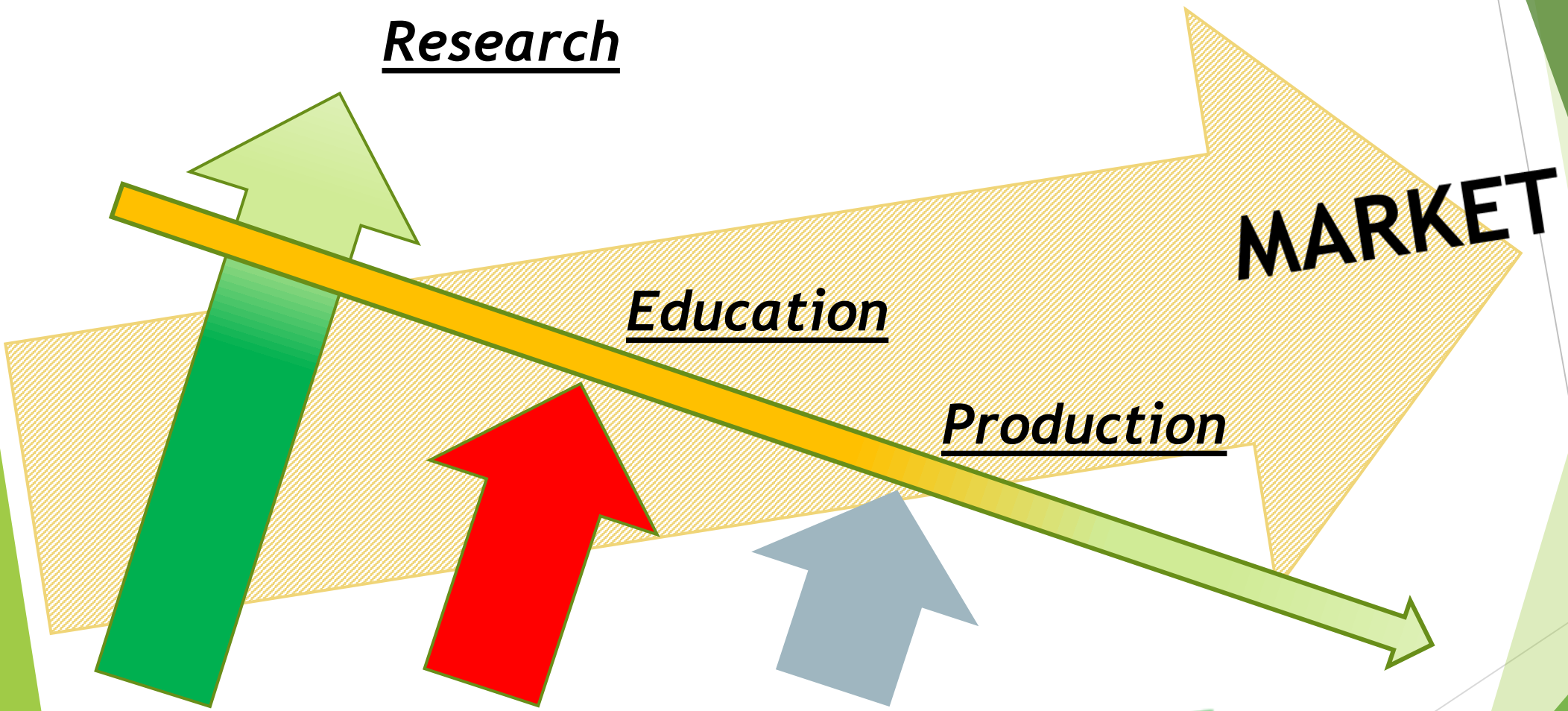
III. Research and Education



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Presentation

Biochemistry and Food engineer, working for bugsolutely

The producer of Cricket Pasta, the only pasta with 20% cricket flour.

Employed by Aets apave French consulting company, through its

Rural Development, Food and Nutrition Department.

THANK YOU

and

Welcome at BUGSOLUTELY's booth on friday on the vendor's expo!

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