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BLCP Power Limited



1. Who is the protestors
2. Reason for the Protest
3. The accusation about the coal fired power plants
4. The major causes of projects' failure
5. Case study of BLCP Power Plant
6. Conclusion



Coal fire power plant project In Rayong





The projects' stakeholders

Overview (MACRO)

- Politicians – Governmental Party & Opposition Party
- Central government
- Academics
- NGO
- Central Media

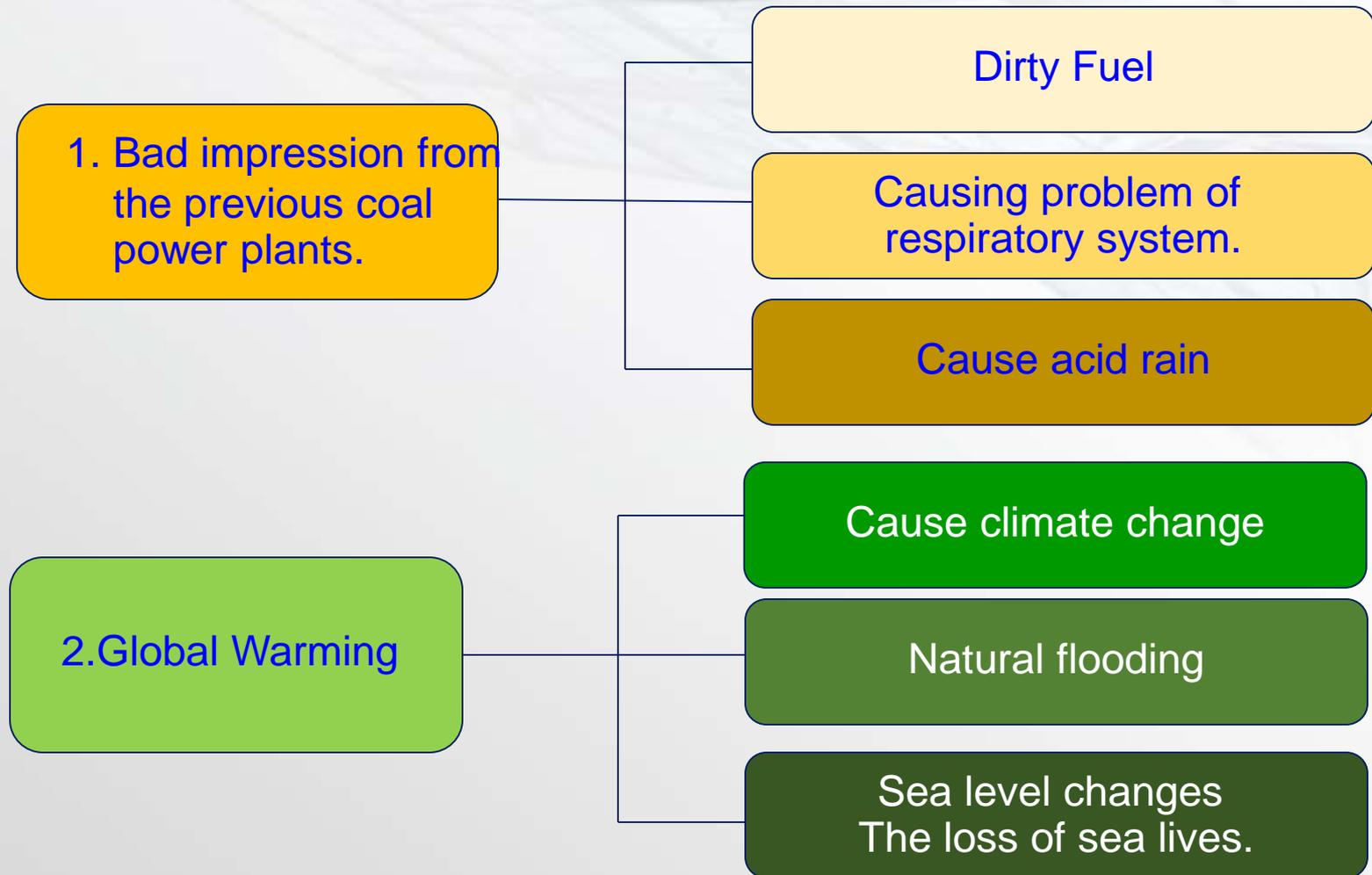
In the area (MICRO)

- Provincial and Local Governmental Agencies
- Local politicians
- Local Media
- Communities around the power plant
- People in the area.
- NGO



2.Reason for the Protest

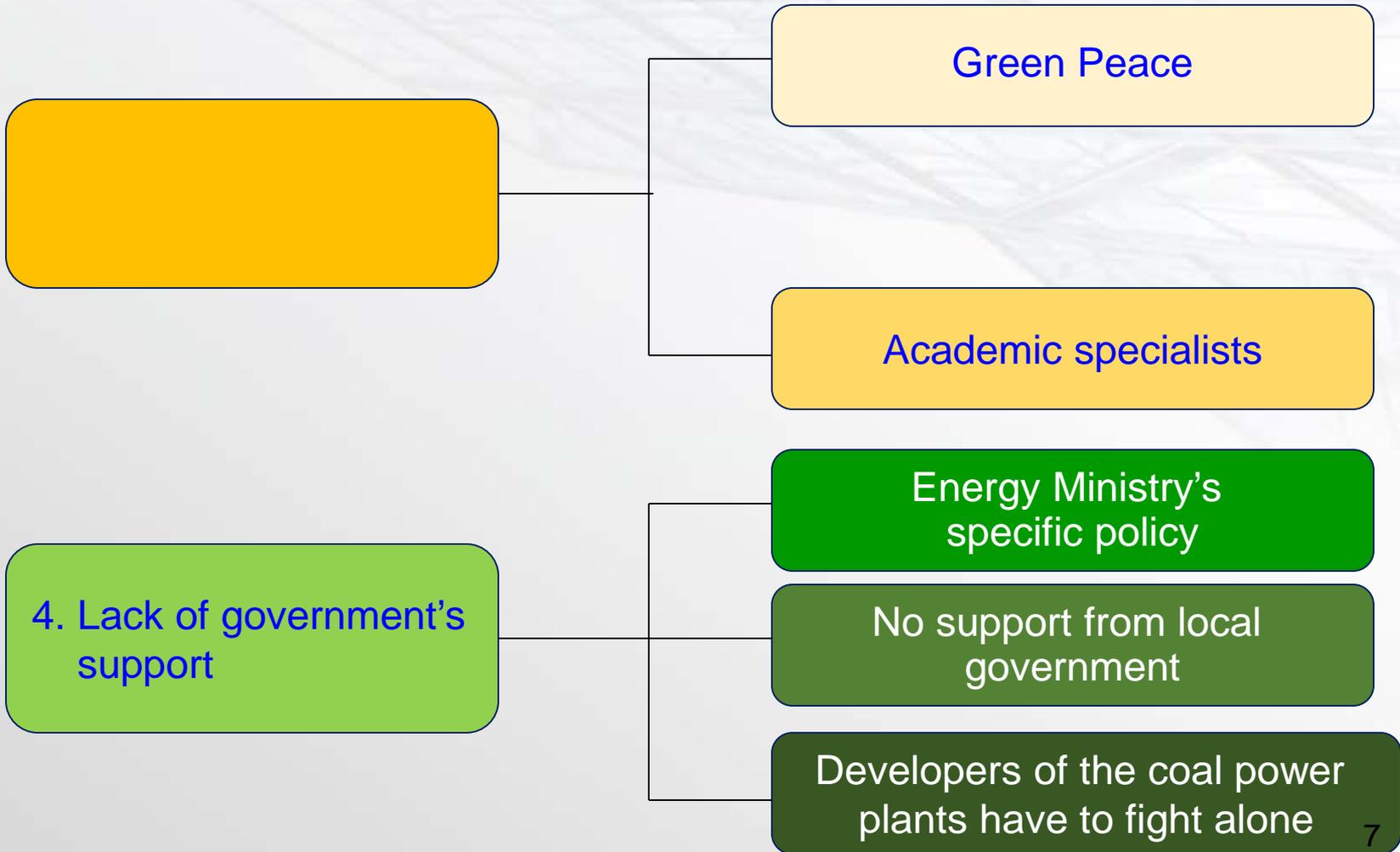
Overview (MACRO)





2. Reason for the Protest

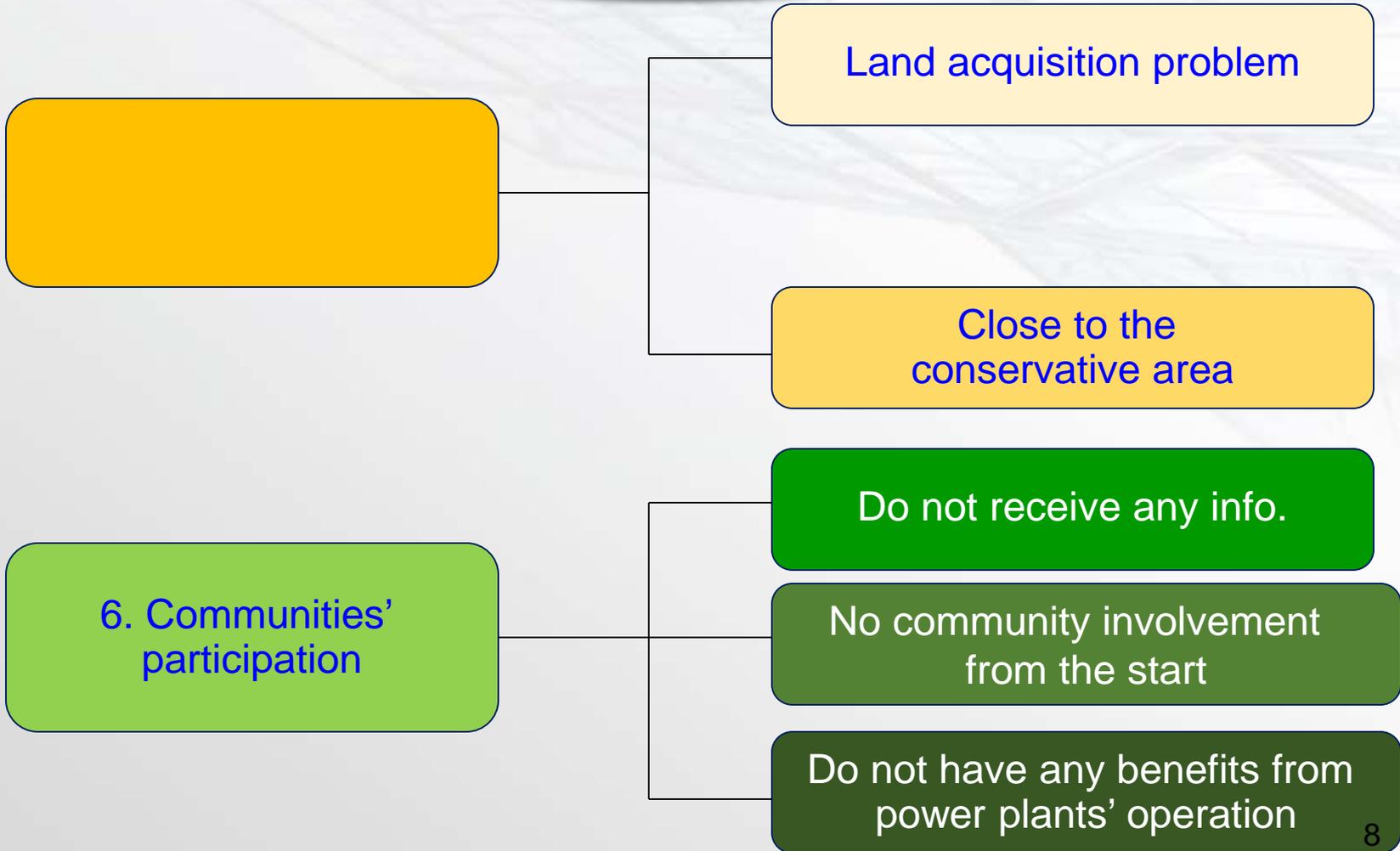
Overview (MACRO)





2. Reason for the Protest

In the area (MICRO)





2. Reason for the Protest

In the area (MICRO)

To win the election
by sharing the same opinion



- Most of the hot issues came from the accusation of NGO or the academic who want to build the reputation by creating panic in the community and society by raising environmental and health issues.
- The resolution is to answer all the accusations by using scientific data back up. Thus, the scientific data is needed.



Accusation topics

- Contamination of heavy metals from coal burning such as arsenic, mercury etc.in to the environment
 - The impact of heavy metals from coal into the water and into environment and food chain.
 - Toxicity of heavy metals in fly Ash.
 - Impact to public health.
- Acid Rain
- Respiratory Impact to communities.



Accusation topics

- Coal dust dispersion, ash dispersion.
- Cooling water:
 - The amount of sea lives are reduced by the cooling water of power plants.
 - Impact to ecology system.
 - Raw water shortage.



1. The community has not received the disclosed information of the project.
2. The communities do not have any decisive participation from the beginning.
3. Bad Impression from coal fire power plant in the past
4. The intervention of NGOs that oppose the project.
5. The communities do not get any benefits from the project occurred evenly.



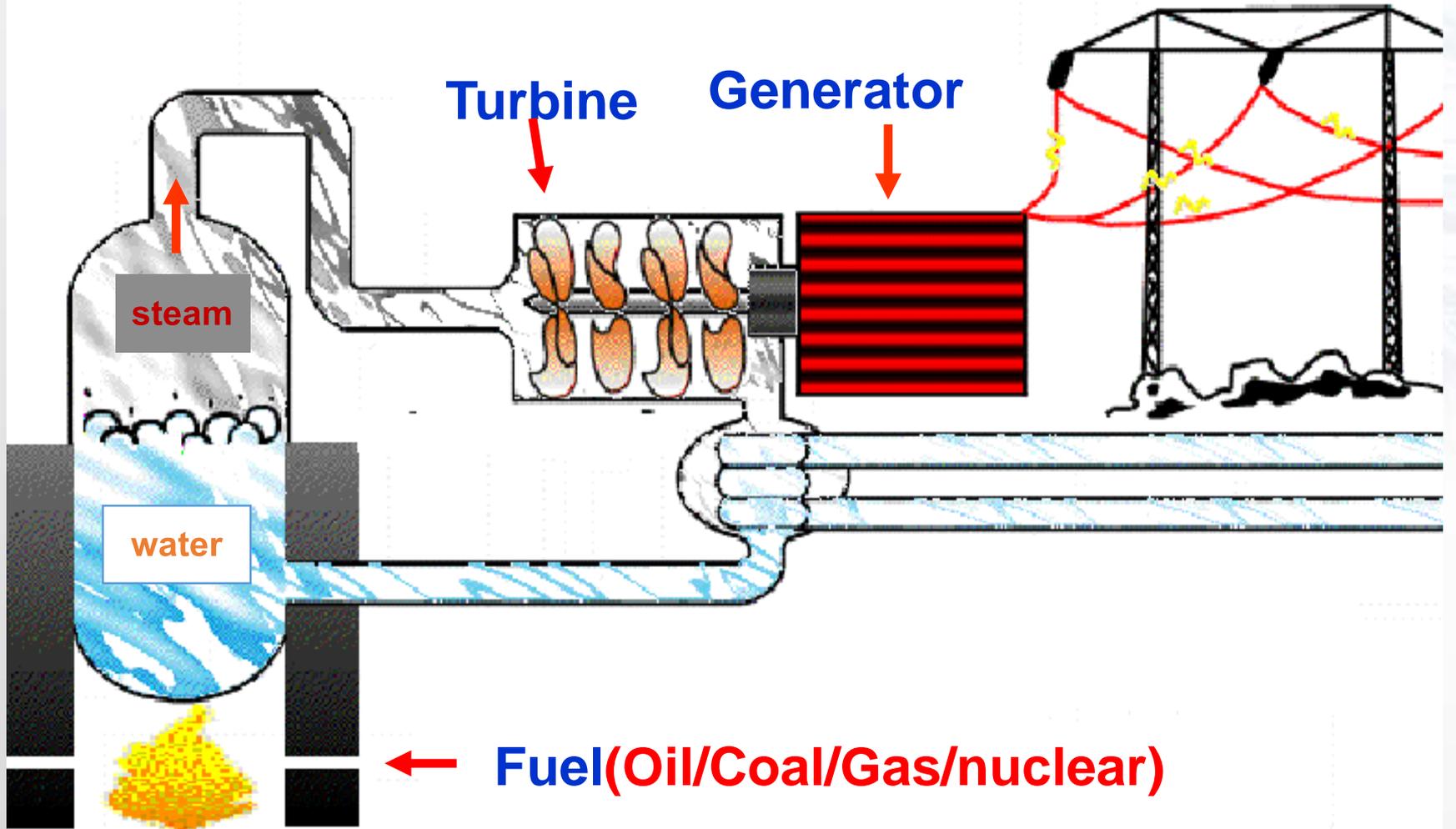


Project summary

- **2 x 717 MW Coal- fired Power Plant, owned by Banpu and EGCO**
- **Project promoted by Board of Investment(BOI) of Thailand**
- **25 years coal supply by ACH/Rio Tinto, Australia**
- **25 years Power Purchase Agreement with Electricity Generating Authority of Thailand(EGAT)**
- **30 years Land Lease Agreement with Industrial Estate Authority of Thailand(IEAT)**
- **Engineering Procurement and Construction (EPC) by Mitsubishi, Japan.**
- **Ash sale to cement and ready-mix plants**
- **Commercial Operation Date (COD) of Unit 1, October 1, 2006
Unit 2, February 1, 2007**

Electricity Generation Process

➔ Thermal power plant



5. Case study of BLCP Power Plant Map Ta Phut Industrial Estate, Rayong



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Public Participation



Public education



Public consultation



Solve or minimize the concern issues



Begin Year 2001





Public Education and consultation

➔ Small Group Discussion







Public Education and consultation



KSEC had been operated since 1 June 2015. Visitors include communities, students Government Agencies, Press, neighboring companies and general public, total **72, 600** persons.

Public Education and consultation





Public Education and consultation





Public Education and consultation



EIA Monitoring Committee
since year 2002 to June 2015,
total 54 organized meeting with 1,345
participants



**Solve the concerns of
the communities on
the environmental
aspects by BLCP
Power Plant**





Environmental Projects



Sea Lives Releasing Project
(Consecutive year 12th)





BLCP Artificial Coral Reef Project

Resolve the concerns of the communities on the environment



Resolve the concerns of the communities on the environment



Resolve the concerns of the communities on the environment



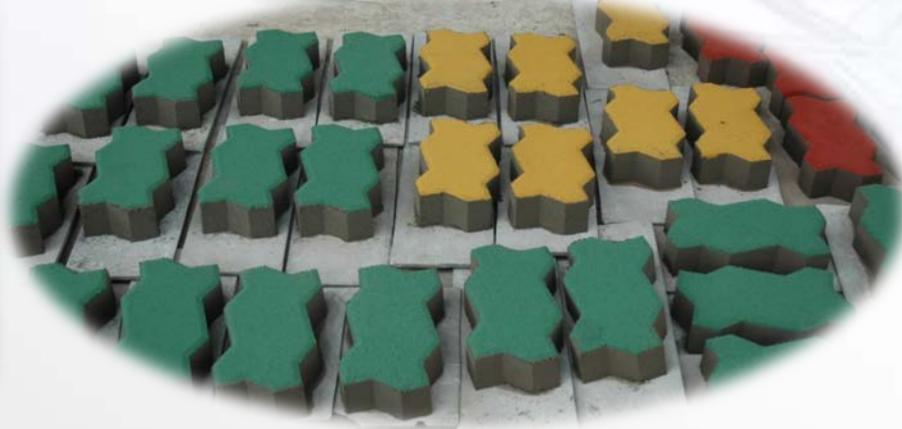
July 2005 – June 2015

Local fishermen can raise sea mussels

Create 176 jobs and create income total 3,208,890 Baht



Improve standard of Living



Improve standard of Living





1. Developing large projects requires the acceptance from by the community surrounding the plant.
2. To be recognized by the communities consists of two parts.
 - The communities trust that the plant will take care of the environment as commitment.
 - When the project occur, how the communities will get the benefits?
3. It takes time to create trust and acceptance from communities.



Thank you

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