

Environmental Footprint Policy-Driven (following PEF Guideline)



National Science Technology and Innovation Policy Office

Collaboration between



National Science and Technology Development Agency

Objective

- Competitiveness
- Sustainable consumption and production
- A single Market for Green Products
- Product improvement

Steering committee of PEF



Policy and Implementation



Technical committee

PEF Pilot project

- Start 2014
- 14 impact categories
- Data quality index
- National database

3 selected products

BETAGRO → Yakitori (Chicken)

CPALL → ELEVEN

SCG BUILDING MATERIALS → Sanitary

8 selected products from local textile industries

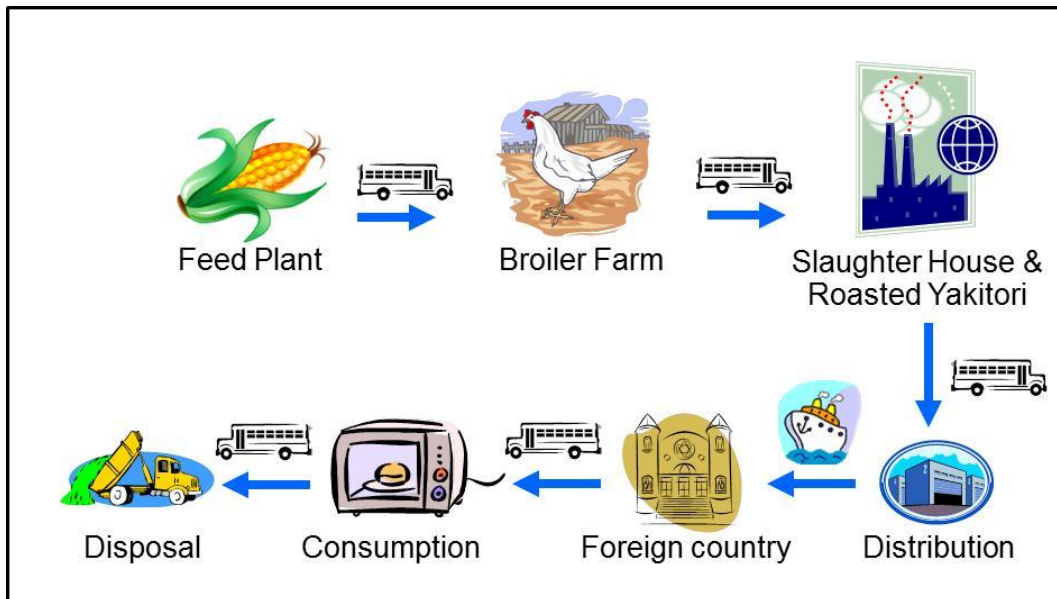
Targeted Company : B. Foods Product International CO., LTD

Screening exercise :

- Betagro is a leading producer of the Yakitori chicken in Thailand.
- The majority of this product is shipped to Japan and partially to European countries.

Functional unit : Environmental Impact per 1 kg of Yakitori product

Time period : Jan 2013 – Dec 2013



System boundary

PEF of convenience store

Targeted Company : CP All Public Company

Background : The largest convenience store in Thailand ($\approx 90\%$ market share, € 4.35 billion)

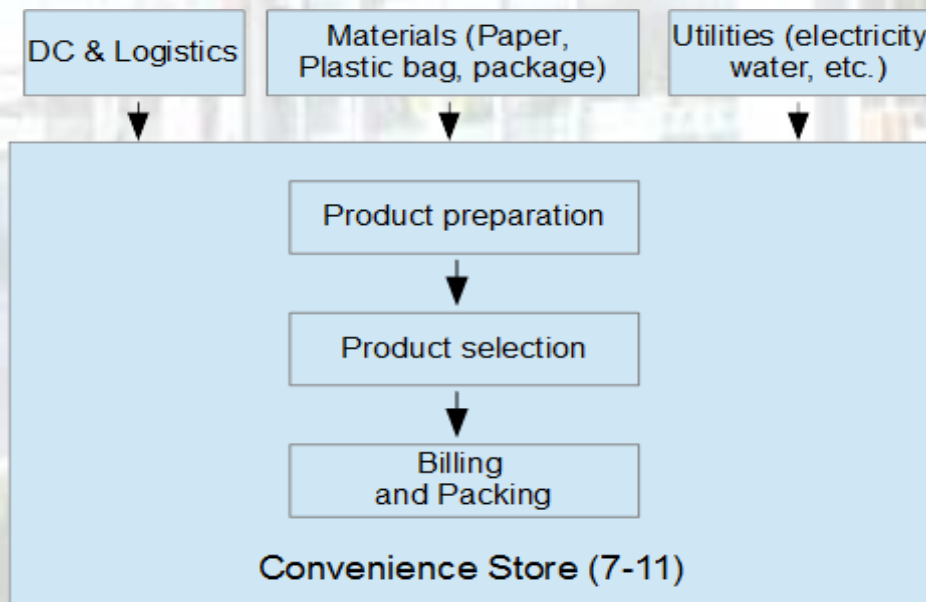
Objective : - To promote an image of organization as an environmentally conscious business

- To create opportunities for making improvements along the whole supply chain of service

Function unit : Environmental Impact per 1 m² of service area

Time period : June 2013 – May 2014

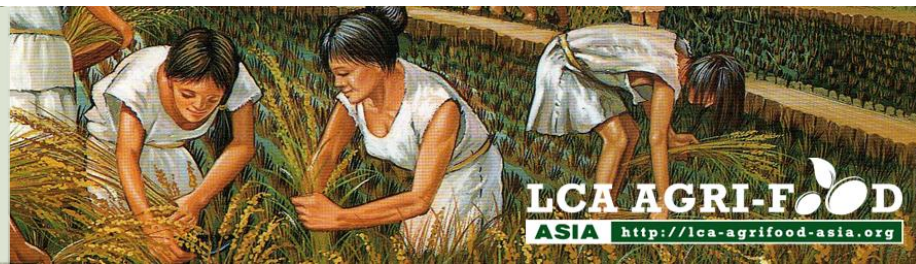
Site : 7-11 Convenience store & Distribution Center





ICGSI2014 and LCA AGRI-FOOD ASIA 2014

22nd-23rd May 2014, Bangkok, THAILAND



Plenary Conferences related to Sustainable Agriculture and Food

International Conference on Green and Sustainable Innovation (ICGSI)		LCA - AgriFood Asia	
2006	Chiang Mai, Thailand	2012	Bangkok, Thailand
2009	Chiang Rai, Thailand	2013	Jakarta, Indonesia
2012	Chiang Mai, Thailand	2014	Bangkok, Thailand
2014	Bangkok, Thailand	TBC	TBC
2015	Pattaya, Thailand (TBC)		

Key Topics in LCA - Agrifood

- Sustainable agriculture
- Sustainable consumption and production
- Climate change on agriculture adaptation and mitigation
- Certification and ecolabelling
- Innovation technology for food processing
- Green packaging
- Etc.

