

OBJECTIVES

- Promote Three Forests, Four Benefits for the stability of food and natural resources
- Help farmers to escape the debt cycle and become self dependent and have better quality of life
- Restore lands, ecosystem and increase the abundant areas of forest
- Reduce household expenses

Goal 8,000 Hectares extended nationwide



Escape poverty & debt cycle (sustainable income from Three Forests, Four Benefits)

Sustainable livelihood and Self-sufficiency

● Right on land
● Restore local economy
● Create the pattern of local food
● Well-being

Economic and Social

Benefits to be gained



Inclusive partnerships

Environment



- Forest landscape Restoration
- Carbon sequestration
- Headwater conservation
- Restore biodiversity and eco-system
- Soil erosion prevention

Assessment of the Impact and Achievement Indicators of the Fund

- Assessment of carbon sequestration
- Assessment of Social Return on Investment (SROI)
- Assessment of Sustainability
- SDGs alignment
- Traceability system

Satellite Image

Ban Thap Sub-District, Mae Chaem District, Chiangmai Province

2011 prior FLR349 program



2019 during the FLR349 program



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FLR349

FOREST LANDSCAPE
RESTORATION FUND

FLR349 FUND

The King's Philosophy, Reforestation,
Sustainable Livelihood and Food Production



MISSION

Restore ecosystem and create sustainable food system, help farmers to escape the debt cycle arisen from monoculture crop farming by the King's Philosophy of "Three Forests, Four Benefits"



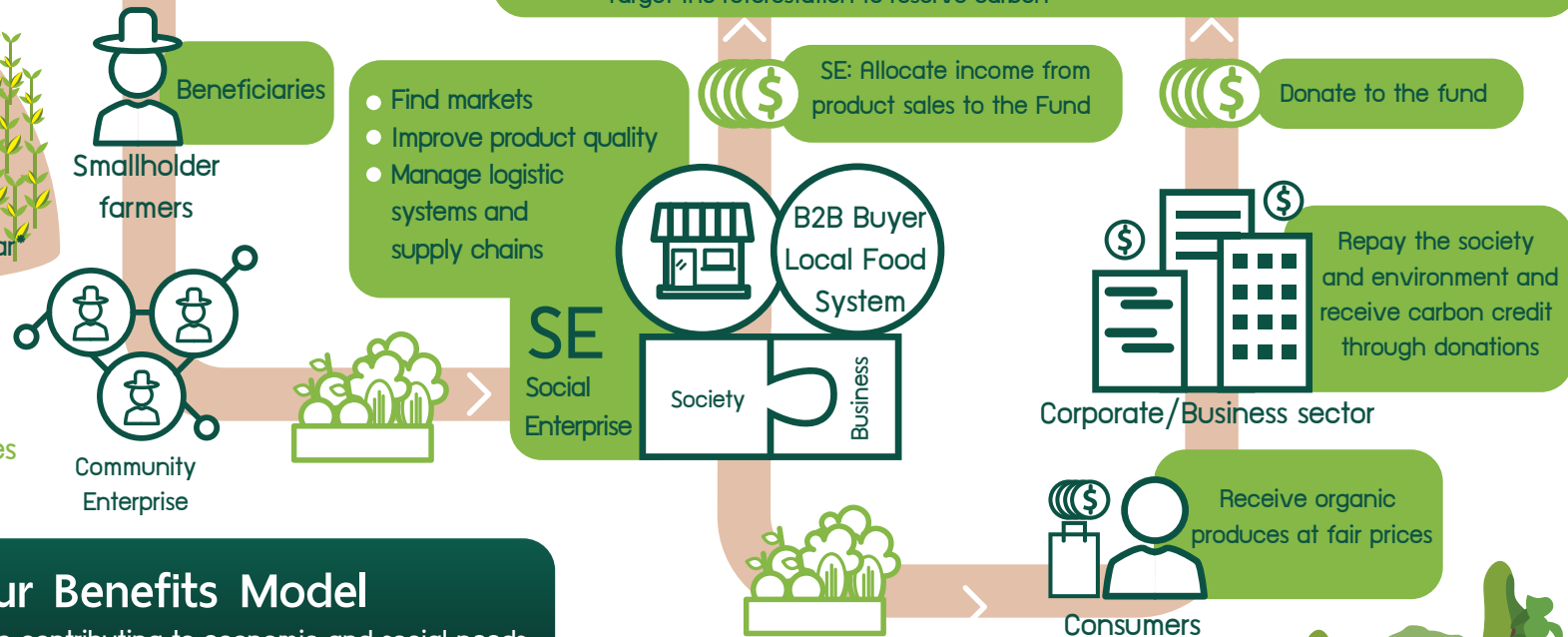
Key threats

- Forest-encroaching monoculture with intensive use of chemicals
- Deforestation & Slash and burn
- Lack of water reservoirs
- Smallholders in debt
- Farmers earn just 307 USD/Ha/year from maize production.

Incentives to shift
409 USD/Ha/Year*
Farmers grow by themselves

MODEL & FUND MECHANISM

- Seek funds and provide capital for farmers to grow Three Forests, Four Benefits and create sustainable jobs in place of monoculture farming, while operating in accordance with the objectives of the Fund
- Disseminate knowledge of restoring ecosystems in accordance with the King's Philosophy
- Reduce areas of monoculture farming, and abandon chemical use and burning of agricultural lands in upstream areas
- Support production for sustainable consumption
- Target the reforestation to reserve carbon



Three Forests, Four Benefits Model

Forest landscape restoration and conservation contributing to economic and social needs

Forest for Shelter

Hardwood trees to build houses and furniture, and can be maintained as future assets

Forest for food

Edible plants for fruit consumption & medical benefits

Forest fruit trees:
durian, rambutan,
custard apple,
mangoes, etc.

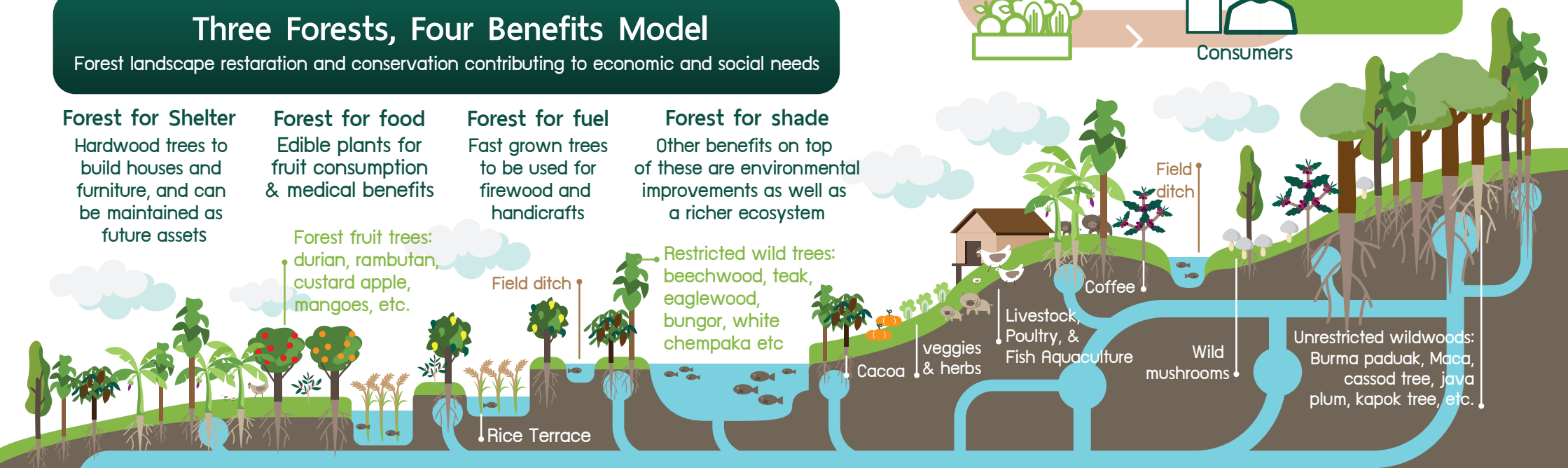
Forest for fuel

Fast grown trees to be used for firewood and handicrafts

Forest for shade

Other benefits on top of these are environmental improvements as well as a richer ecosystem

Restricted wild trees:
beechwood, teak,
eaglewood,
bungor, white
chempaka etc



*1 USD = 30.58 THB