



Project Title

Urban Ecosystems and Biodiversity Conservation towards Low Carbon and Resilient City;

Case study from Chiang Rai City, Thailand



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1. What was the **main challenge, issue, problem** to be addressed by the practice?

- Chiang Rai Municipality is located at the border of 3 countries; Thailand, Lao PDR and Myanmar as a economic gate of GMS and ASEAN
- Enrich of nature
- Diversity of 30 ethic groups with charming identity of Lanna Culture



Migration of
Alien Labors

Top five tourist
destination

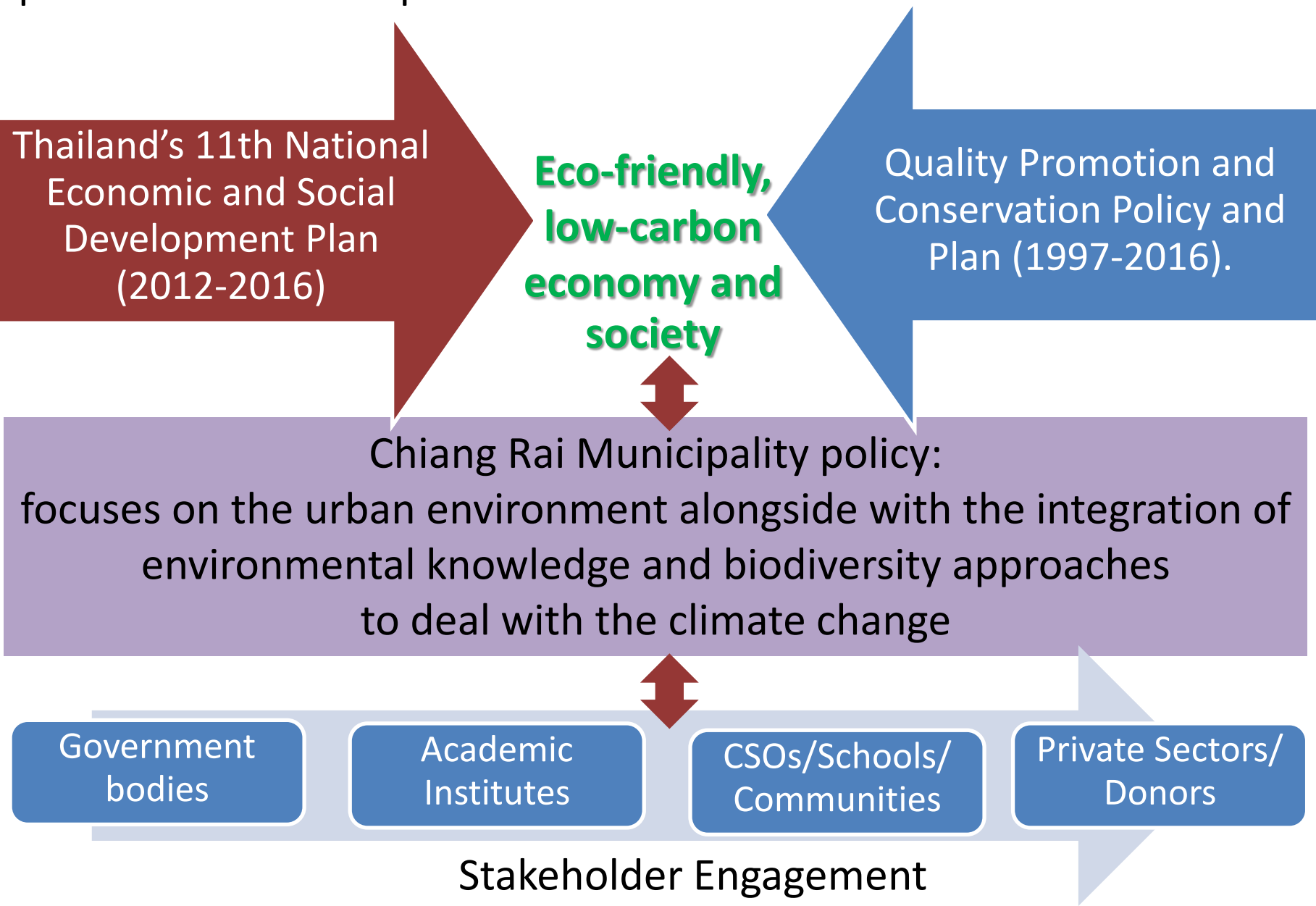
Economic
bloom

Urban
Sprawl

- Reduction of green area and big trees
- Loss of biodiversity
- Cultural Shock



2. Institutional setting: What were the frame conditions for the practice that will be presented?



3. Approach: Which methods, tools or instruments have been developed and were applied to address the challenge?

- **People participation:** not only people cooperation- 'mixed-working group'
- **Environmental education :** whole school approach and alternative education- 3E for All Campaign
- **Action research-based planning:** for achieving sustainability within 4 major ecosystems: Mixed deciduous forest ecosystem, agricultural ecosystems, urban ecosystems, and wetland ecosystems
- **Change role of the local government:** from the “actor” to be the “facilitator”.
- **Network:** not only net but work together



4. Outputs: Which were the concrete tangible results, outcomes and/or impacts of the good practice and how do they ensure sustainability of the practice?

Economic Aspect

- Poverty alleviation
- Income generation
- Local economic development

Social Aspect

- Strengthen community relationship
- Traditional knowledge/ local wisdom
- Relief of local tradition and religious

Environmental Aspect

- conserve and increase the public green area
- recreational opportunity
- 'carbon sink'
- Food resources/ security
- Learning Sources



5. Lessons: What are the main lessons learnt in the course of implementation of the good practice? Are there any open questions that need to be dealt with?

What are the changes	What are the new
<ul style="list-style-type: none">• City policy and strategies• View and working process• Budget allocation for urban biodiversity• Strength of community sector	<ul style="list-style-type: none">• New paradigm shift• New working method• New knowledge• New incentive from ecological services• New friends from networking



6. Transfer: What are the necessary preconditions to transfer this practice to another place?

Mayor; vision, policy, and strategies

Areas to start pilot projects

Find out group of people or CSOs who are willing to conserve

Capacity building/raising awareness and understanding

Forming inventory working groups and advisory team

Create biodiversity (flora, fauna) inventory and survey plan

Public hearing on inventory result and draft action plan

Actions to start soon – now - later

Dissemination of results to public