



**7<sup>th</sup> High Level Seminar on  
Environmentally Sustainable Cities**

*Redesigning toward the 2030 Agenda*

HA NOI, VIET NAM • 3-4 MARCH 2016



# Green Space and Beyond

## **Koh Kha Municipality Lampang Province, Thailand**

Mayor: Ms. Penpuk Rattanakumfu



Plenary 2 : Deepening East Asia 's Synergies for ESC Regional Cooperation to Realise the 2030 Agenda

Thursday, 3 March 2016





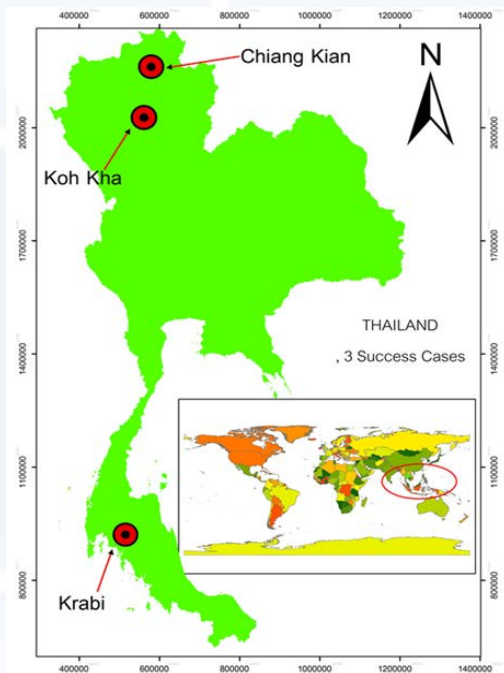
# Koh Kha Municipality

## Green City: Leading Better Environment Behavior



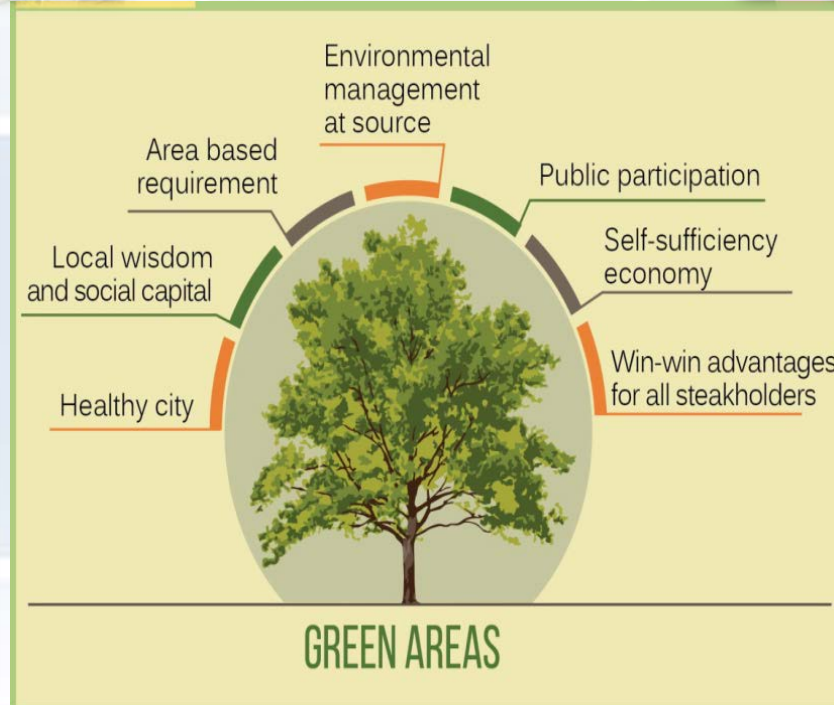
Located	northern part of Thailand	
Type	a medium city with a semi-urban style	
Land Areas (Sq. Km)	Population	Hoseholds
4.78	4,763	2,245

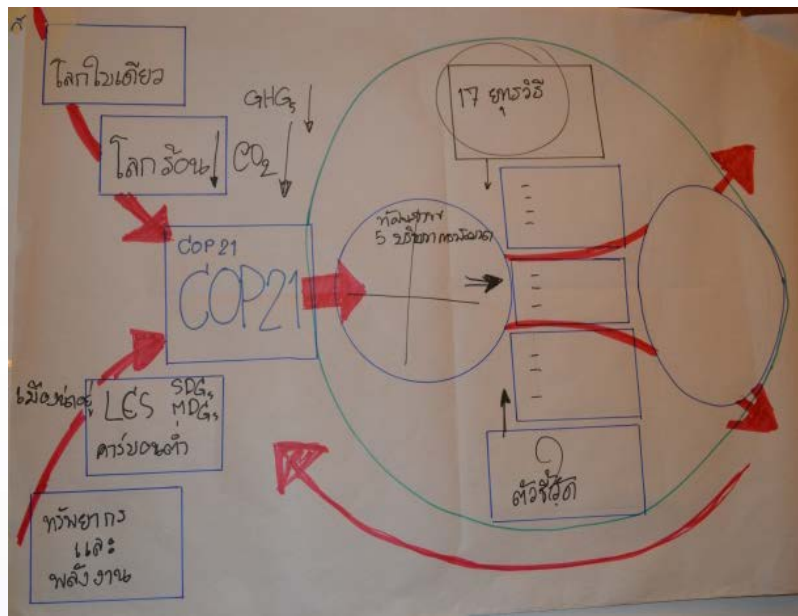
The model of “citizen voice for city development” as an open forum for the public hearing in city development activity as well as self-finding on social capital and local wisdom including public participation in city development





# Concepts and Strategy: Design and maintain (1/2)





Sustainable Society Index	Human Wellbeing	Basic Needs	<ol style="list-style-type: none"> <li>Sufficient Food</li> <li>Sufficient to Drink</li> <li>Safe Sanitation</li> </ol>
		Health	<ol style="list-style-type: none"> <li>Education</li> <li>Healthy Life</li> <li>Gender Equality</li> </ol>
		Personal & Social Development	<ol style="list-style-type: none"> <li>Income Distribution</li> <li>Population Growth</li> <li>Good Governance</li> </ol>
	Environmental Wellbeing	Natural Resources	<ol style="list-style-type: none"> <li>Biodiversity</li> <li>Renewable Water Resources</li> <li>Consumption</li> </ol>
		Climate & Energy	<ol style="list-style-type: none"> <li>Energy Use</li> <li>Energy Savings</li> <li>Greenhouse Gases</li> <li>Renewable Energy</li> </ol>
			Transition
Economic Wellbeing	Economy	<ol style="list-style-type: none"> <li>Gross Domestic Product</li> <li>Employment</li> <li>Public Debt</li> </ol>	

## ECONOMICS

- Production & Resourcing
- Exchange & Transfer
- Accounting & Regulation
- Consumption & Use
- Labour & Welfare
- Technology & Infrastructure
- Wealth & Distribution

- Organization & Governance
- Law & Justice
- Communication & Movement
- Representation & Negotiation
- Security & Accord
- Dialogue & Reconciliation
- Ethics & Accountability

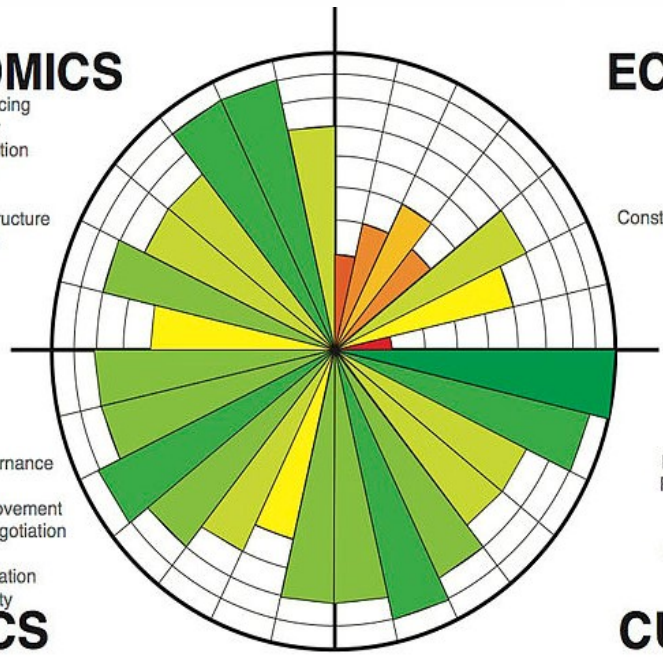
## POLITICS

## ECOLOGY

- Materials & Energy
- Water & Air
- Flora & Fauna
- Habitat & Food
- Place & Space
- Constructions & Settlements
- Emission & Waste

- Engagement & Identity
- Recreation & Creativity
- Memory & Projection
- Belief & Meaning
- Gender & Generations
- Enquiry & Learning
- Health & Wellbeing

## CULTURE





# Background of SDGs



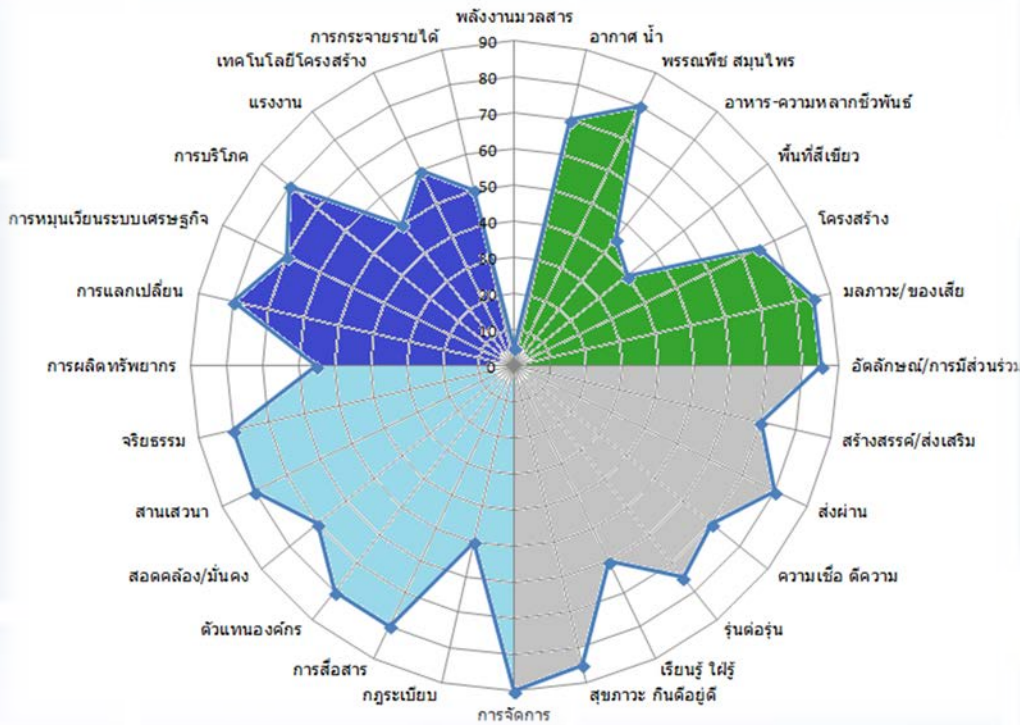
## SUSTAINABLE DEVELOPMENT GOALS



Social aspect of sustainable development (equity and equality)

SDGs' unfinished tasks

Challenges raised by the limits of the Earth System





## Environmentally Sustainable Management Activities

### City Model: A Collaborative City for the Balance Happiness in ASEAN Community

Self-sufficiency economy model household.



Agricultural and Local rice



Garden house.

Livable house.





# Environmentally Sustainable Management Activities

Community forest.





# Concepts and Strategy: Design and maintain (2/2)

## Strategy in City Development



1. Promote public Participation



2. Public awareness and consciousness building



3. Capacity building



4. Knowledge management



5. Creating model Site



6. Creating network







# Concepts and Strategy: Design and maintain (2/2)

## Strategy in City Development



7. Dissemination



8. Promoting local wisdom  
and social capital



9. Evaluation and upgrade



10. Appropriate technology  
application



11. Self-sufficiency economy  
philosophy application





## Best Practice on Khokha Municipality : Green City For Food Security

- Integration of thoughts “sustainable environment management” and “healthy city” to declaration of Khokha healthy city”
- Change the community lifestyle to environmental friendly lifestyle by organic waste separation promotion for composting and use in home grown organic plantation which is at least 7 types per household, not only for family consumption but for neighborhood supporting and selling the remaining for additional income.
- Integrated organic agriculture and farming
- The average of decreasing expense for vegetable buying is 20 bath/day household or 600 bath/monthly/household



# What good practices/insights would you like to share the other cities?

## Tangible Achievements

**Household Organic Waste Management**

**Home Grown Organic Vegetable Planting**

**Organic Farming**

Learning source of self-sufficiency economy household

Learning source of garden house

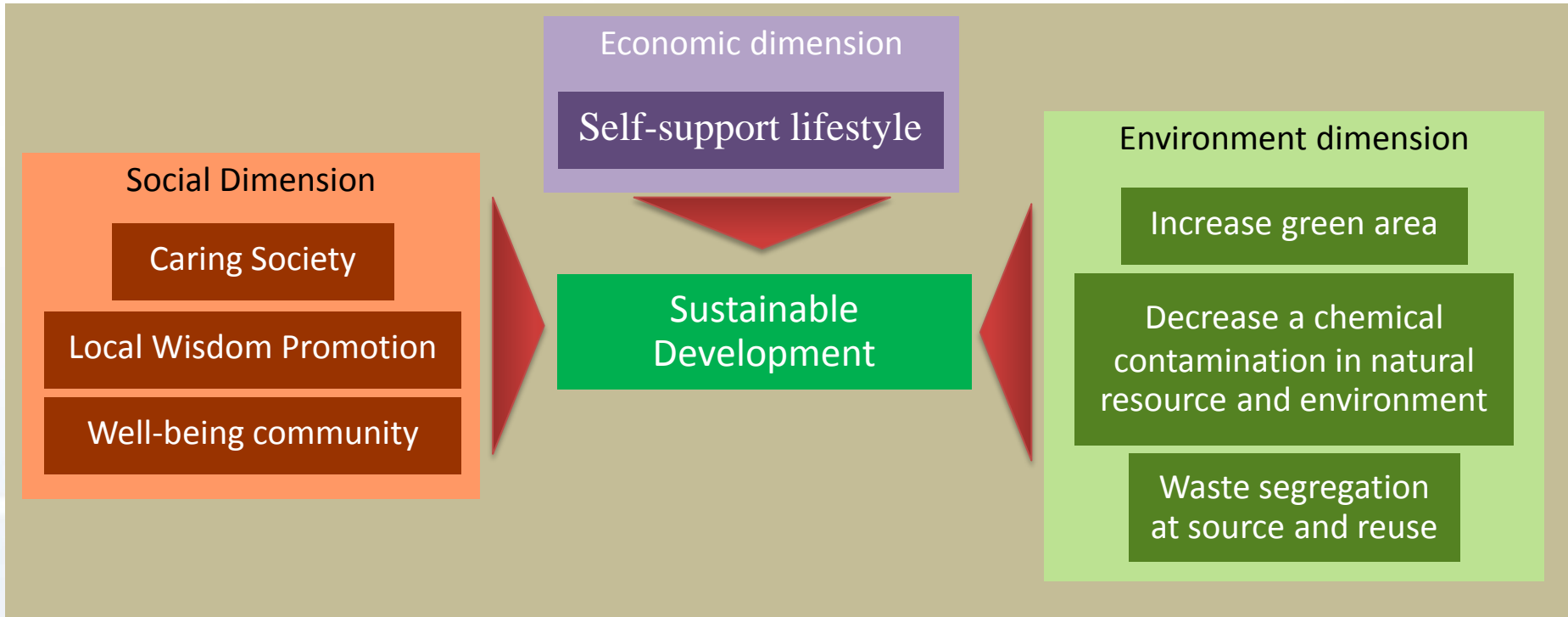
Learning source of household waste management

Organic farming commercial groups





## Where we are in SDGs?



**SUSTAINABLE DEVELOPMENT GOALS**



## Innovation and game-changing ESC practices/policies Local and Regional

Earthworms feed for remove organic waste from household																	
Screening recycleable materials for exchange with commodity																	
Household Organic Waste Management																	
Sufficient economy Household model																	
House landscaping																	
Refrigerator in the garden																	
Community forest																	



# Thank you

