# Bottom-up study contributing to the realization of Sustainable Development

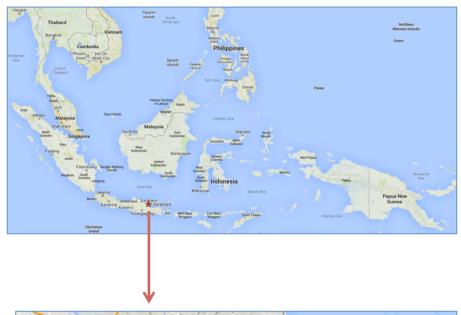
Surabaya Urban Case Study

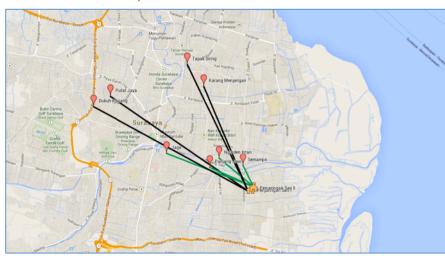






## Bottom-up study contributing to the realization of Sustainable Development Goals ( Target community )

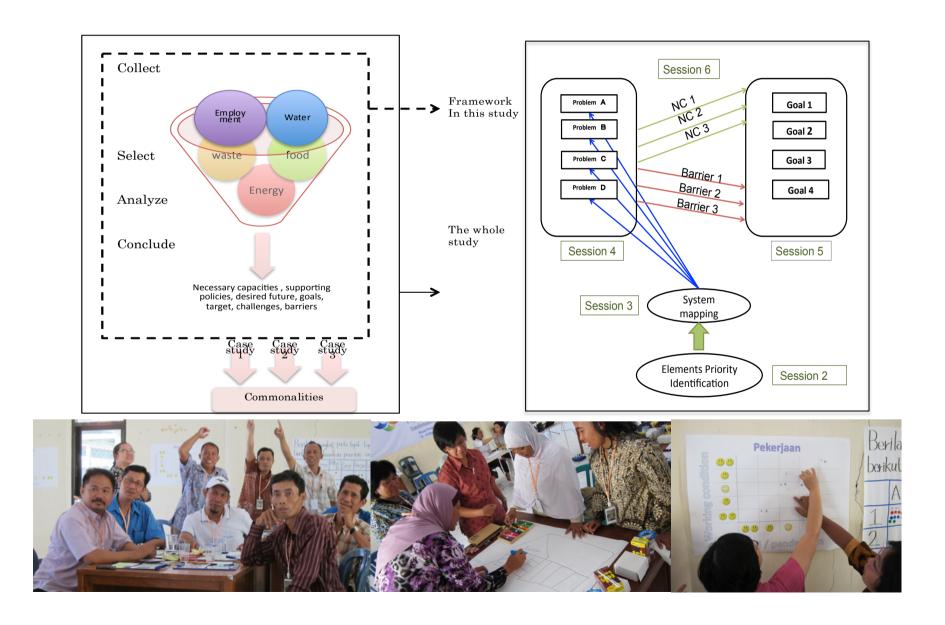




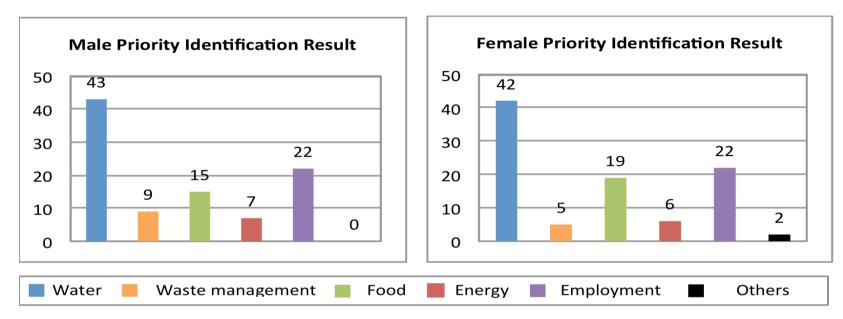
Participants' attributes	Average or %					
Gender and age						
Male	50%					
Female	50%					
Age	40.94					
<b>Education level</b>						
Elementary level	12.50%					
Junior high level	25.00%					
High school level	37.50%					
College/vocational level	21.88%					
Occupation						
Services (Cleaning services, technical regional	43.75%					
office, car parking attendant, construction						
labor, etc.						
Business (Small shop, Photocopy shop, etc.)	26.32%					
Housewife	34.38%					

Household characteristics	Average or %	Std.	Min	Max	
Number of household member	3.90	1.06	2	6	
Number of children	1.40	0.95	0	4	
Monthly income in Indonesian Rupiah (IDR)	1,413,438	516,281	500,000	2,500,000	
Monthly household utility expenses (IDR)					
Rent	48,344	66,337	10,000	400,000	
Water bill	29,859	10,729	10,000	50,000	
Electricity bill	66,844	27,464	20,000	125,000	

## Bottom-up study contributing to the realization of Sustainable Development Goals (Methodology)



## Bottom-up study contributing to the realization of Sustainable Development Goals (Results)



#### **Male Group MCA Result Summary:**

- 1. Entrepreneurs (such as running a small photocopying shop) put higher Importance in water, energy, and waste.
- 2. Entrepreneurs are less worried about employment.
- 3. Those who had the opportunity to have vocational education put more value in employment. This is probably because they have gained very specific skills that may only be applied to a limited range of job opportunities.
- 4. Those who are working in private companies (mainly as cleaning service) put more concern on waste management.
- 5. The more number of children or member of household, the higher importance is placed on employment

## Bottom-up study contributing to the realization of Sustainable Development Goals (Results)

Male						
Current problems	Future goals	Necessary capacities	Constraints			
Low water quality	Better water quality	Providing a efficient (easy and	Low awareness and			
Clogged sewerage gutters	Better wastewater treatment	affordable operation and	knowledge on maintaining			
Poor waste management	Better waste management	maintenance) technology for wastewater treatment	clean environment and healthy life style			
Unaffordable healthy food	Better affordability of healthy food	Capacity on how to manage clean environment and	Lack of access to appropriate technology to maintain			
Energy price is unaffordable	Better communication and	healthy lifestyle	healthy environment			
Unstable income	togetherness among	Transparent election to have	Non transparent community			
Low involvement and	residents and with	a leader who is fair, has	leaders election			
togetherness of the flat	community leaders	capacity, honest and able to				
community		improve harmony in the				
		community				

Female Female						
Current problems	Future goals	Necessary capacities	Constraints			
Low water quality	Better water quality	Opportunity and capacity for	Low awareness and skills on			
Unstable income	Stable income	entrepreneurship	healthy food, waste			
			management, and overall			
			neighborhood cleanliness			
			maintenance			
Unaffordable healthy food	Better affordability of healthy	Capacity to afford for	Unaffordable higher			
	food	children's higher education	education			
Poor waste management	Better waste management	Capacity to manage waste	Lack of organizational skills to			
		(separation and recycling)	hold common activities			

### Identified Urban and Rural issues

#### **Urban**

- Clean water supply <u>quality</u> is contaminated by pollutant
- Wastewater treatment plant maintenance is one of the main concern
- Unstable income / job <u>security</u> (informal sector employment) is one of the main concern
- Individuality and existing conflicts are more apparent

#### Rural

- Clean water supply <u>quantity</u> is depending on rainfall, availability of storage tank and deep well
- Energy supply for off-grid area
- Health, weather and infrastructure become the main concerns to be able to earn a living
- Kinship and social support system are more apparent

## Thank you for your kind attention

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