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Joint International Stakeholder Workshop – JISW
University of Indonesia, University of Florida
and Cardiff University



Field Research Method for Densely Populated Area: Building the information system

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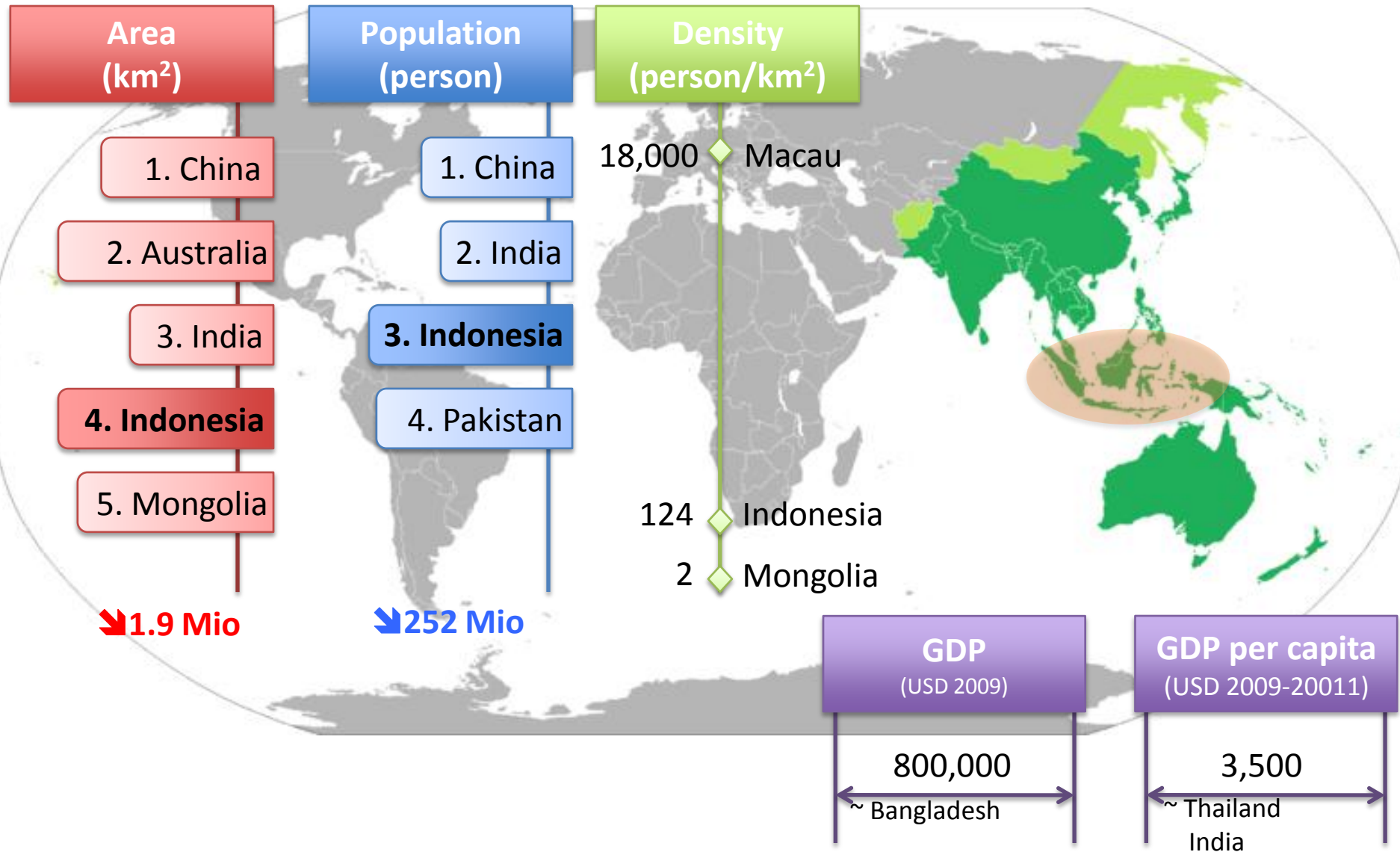
Solid Waste Strategy Manager

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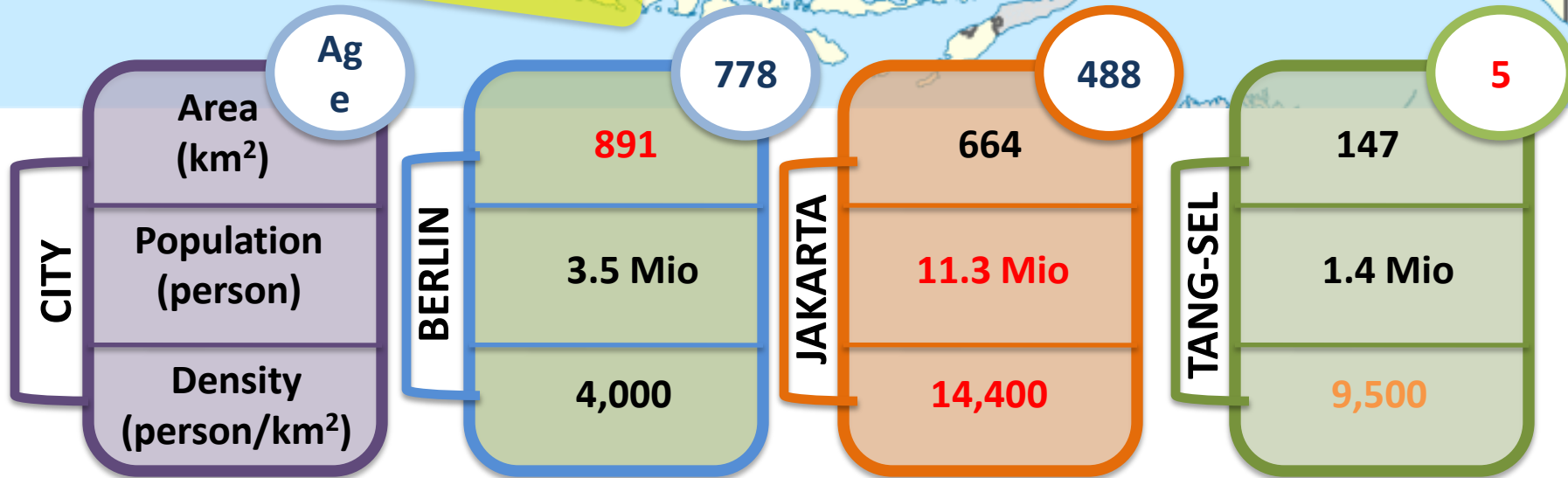
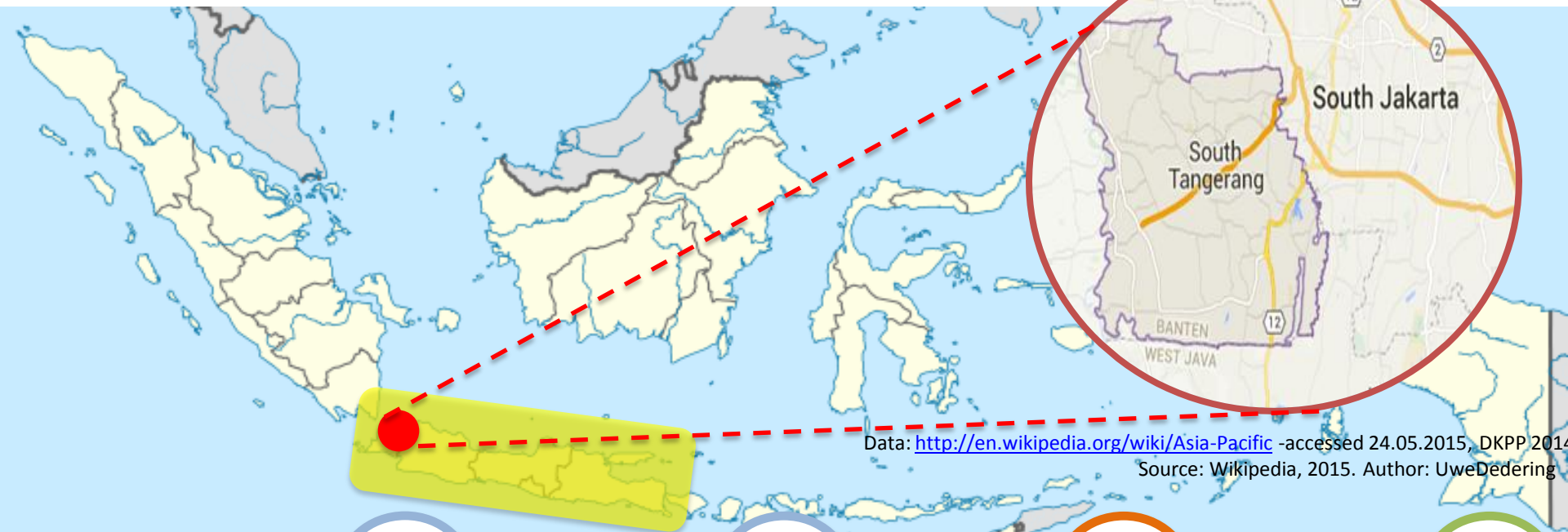
INDONESIA AND ASIA PACIFIC COUNTRIES



Picture: Wikipedia, 2015. Author: [Abrahamic Faiths](#)

Data: <http://en.wikipedia.org/wiki/Asia-Pacific> -accessed 24.05.2015

CITY PROFILE: BERLIN-JAKARTA-TANGERANG SELATAN – OVERVIEW



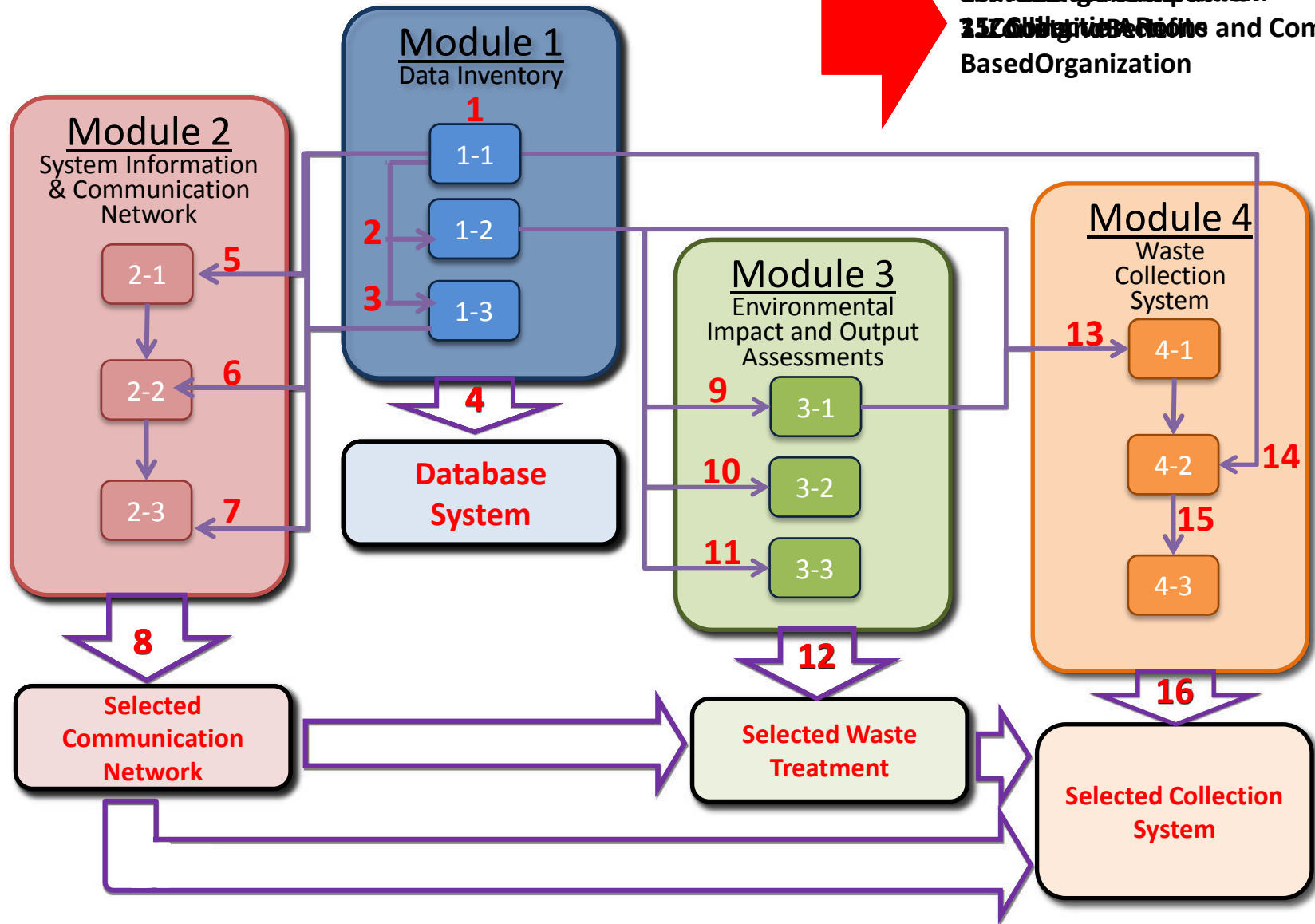


How to get the community aware of the improvement ideas, how we can go further?

The Case study of Cipedak Region, South Jakarta



932 Number of Participants
60 Number of Organizations
157 Number of Regions and Community-Based Organizations

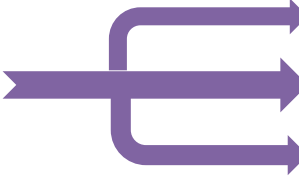




Module 1
Inventory



**Database
System**



PhysicalMapInventory

WasteCharacteristics

Collective Actions

General elements

One-story houses

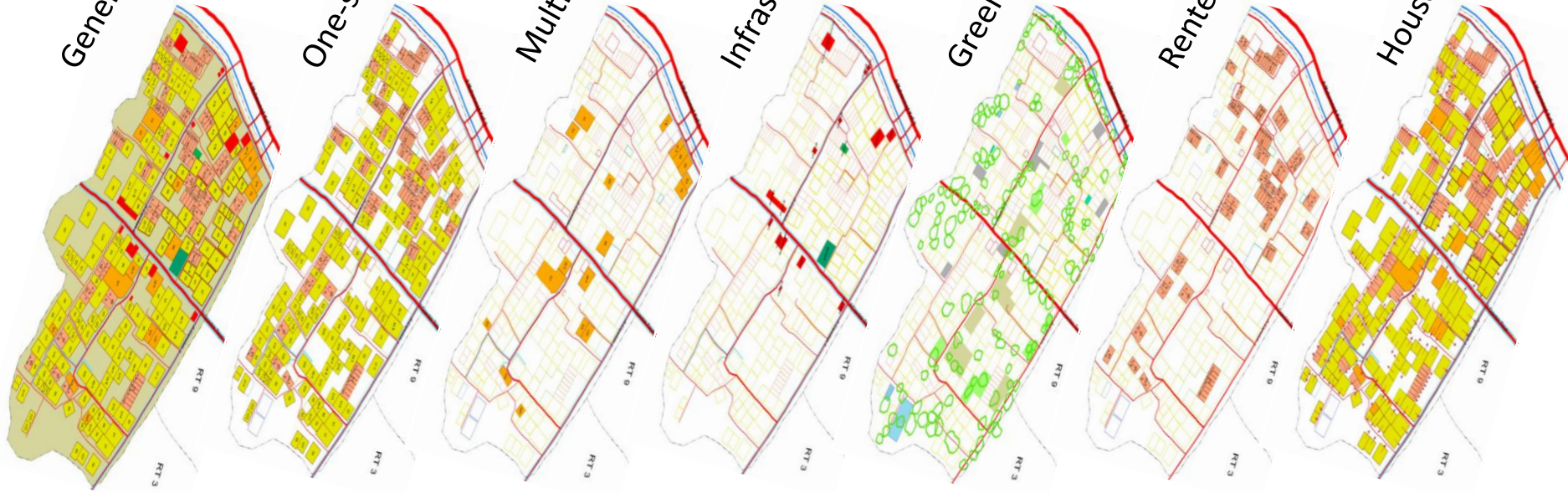
Multi-story houses

Infrastructure

Green and open space

Rented-houses

House Orientation



PHYSICAL MAPS (7 Layers information)

MODULE 2: SYSTEM INFORMATION NETWORK

Case study of Cipedak Region, South Jakarta



Database System

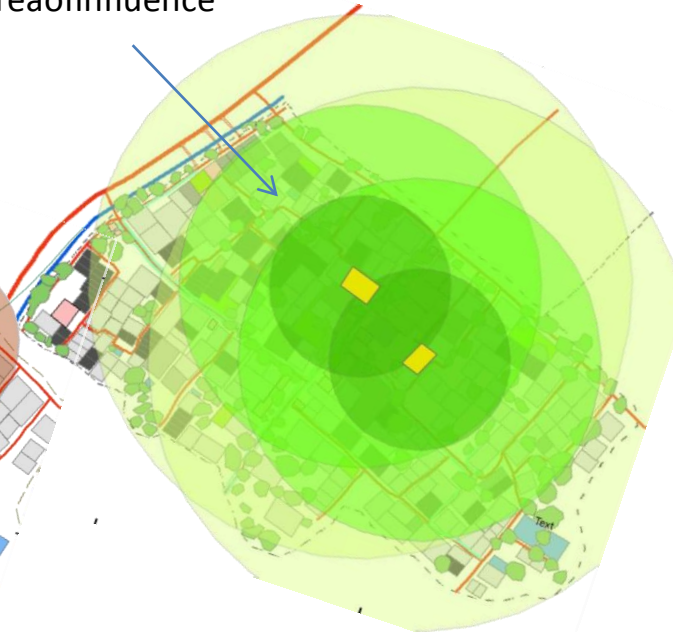
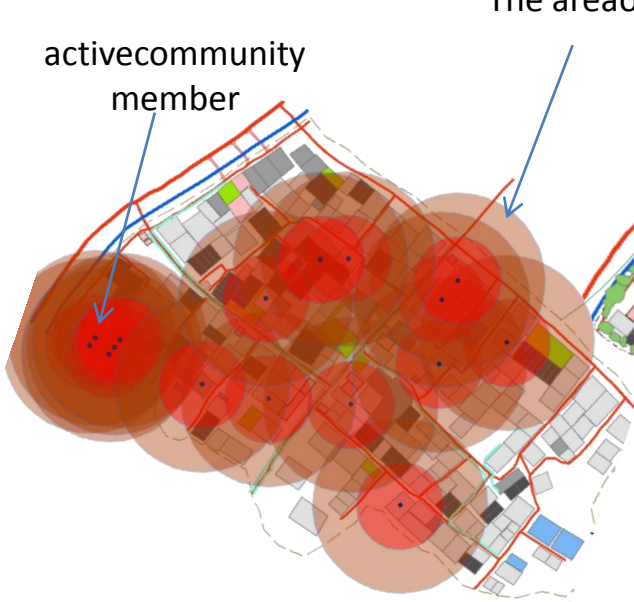
Module 2
Information System

Communication Network

active community member

The area of influence

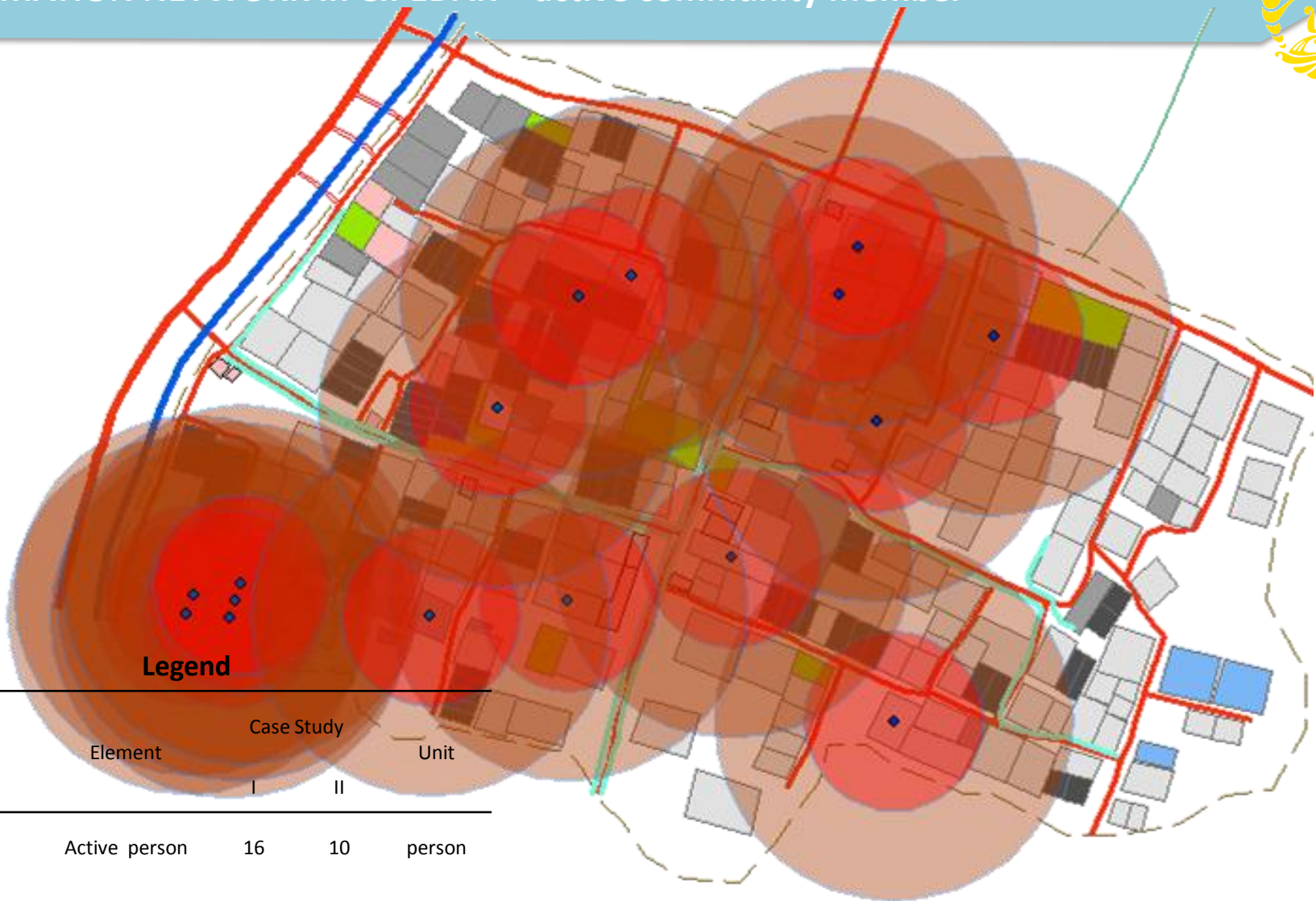
1 zone



Active community member

Meeting point

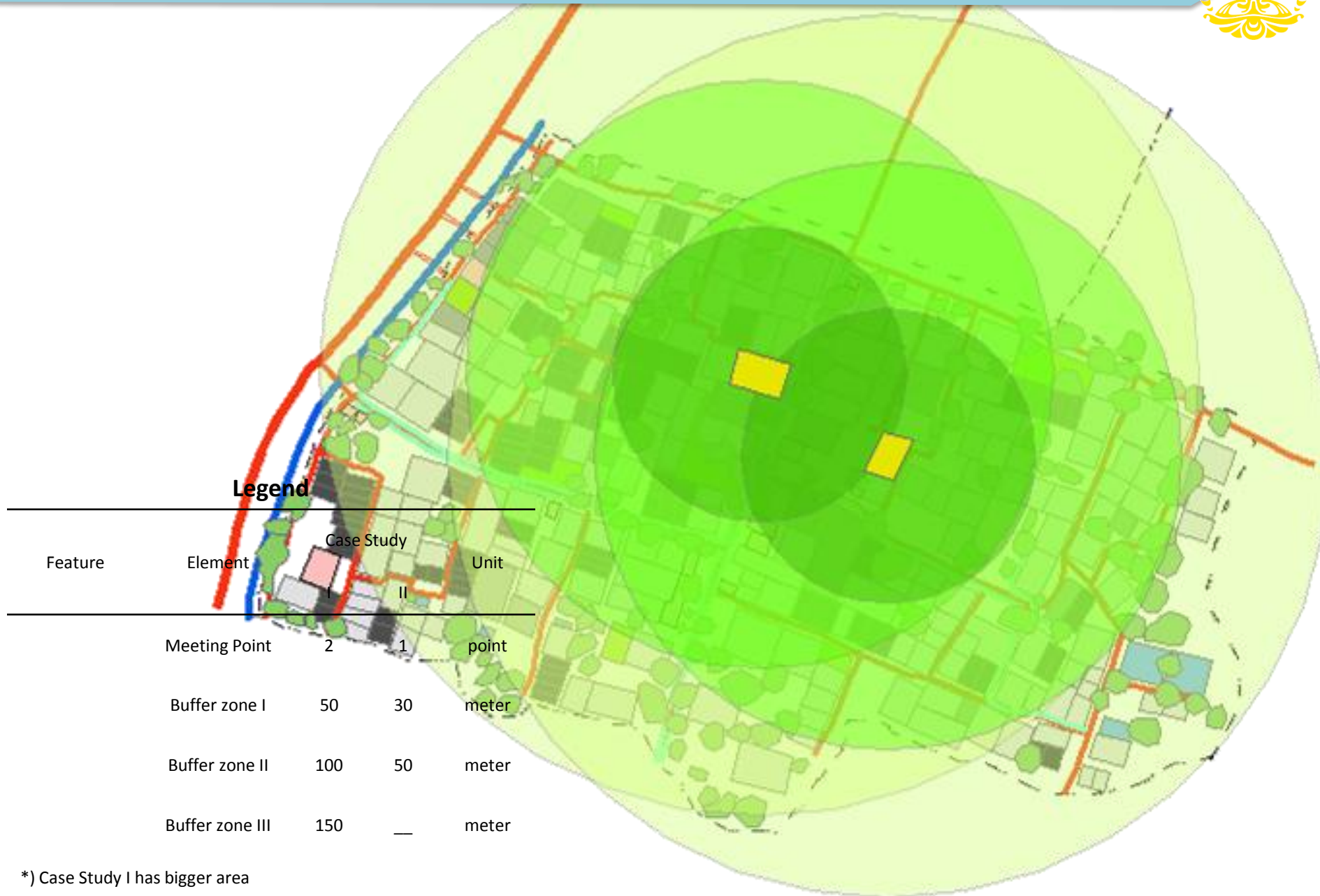
Zoning



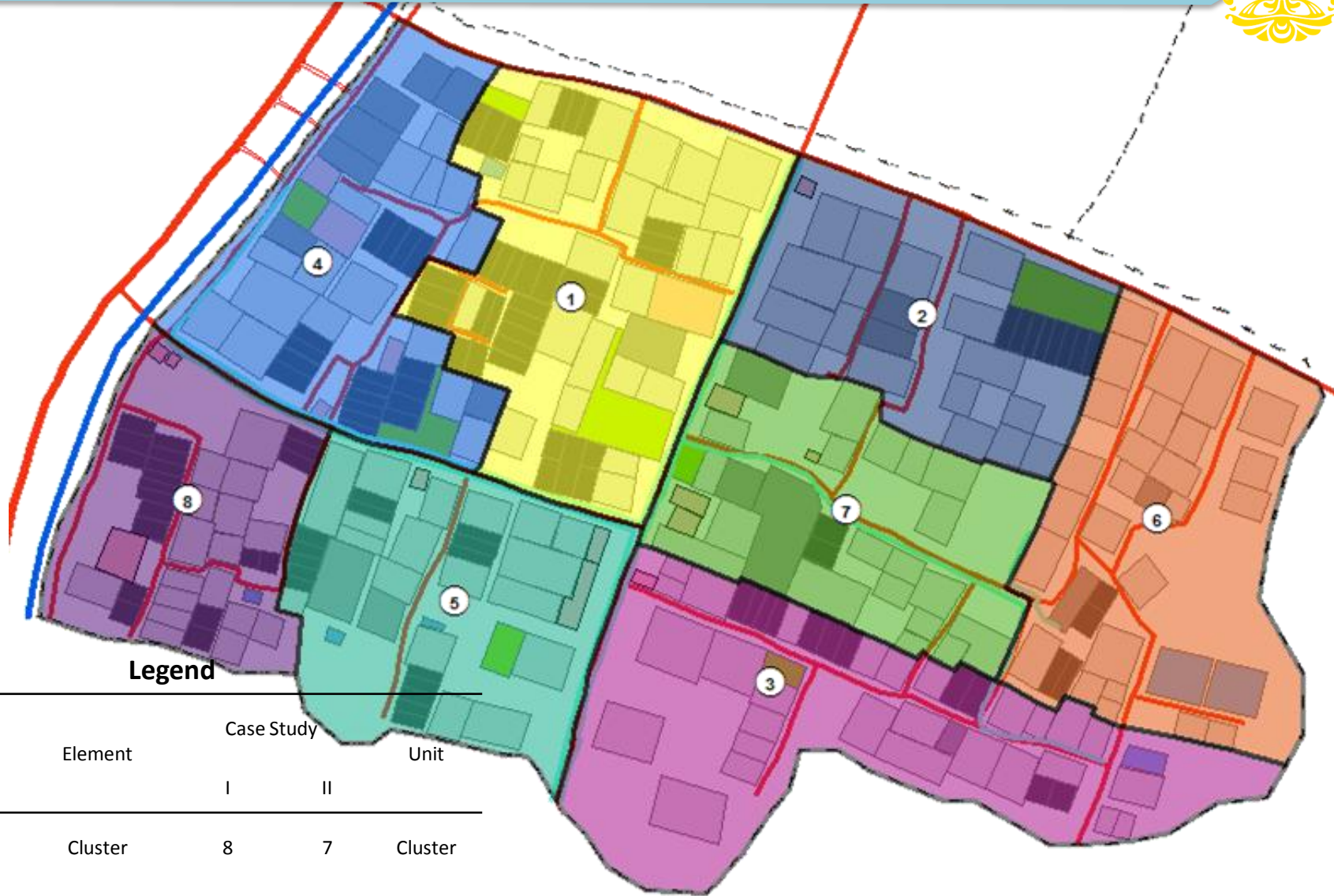
Legend

Feature	Element	Case Study		Unit
		I	II	
Active person		16	10	person
Buffer zone I		25	10	meter
Buffer zone II		50	20	meter

*) Case Study I has bigger area



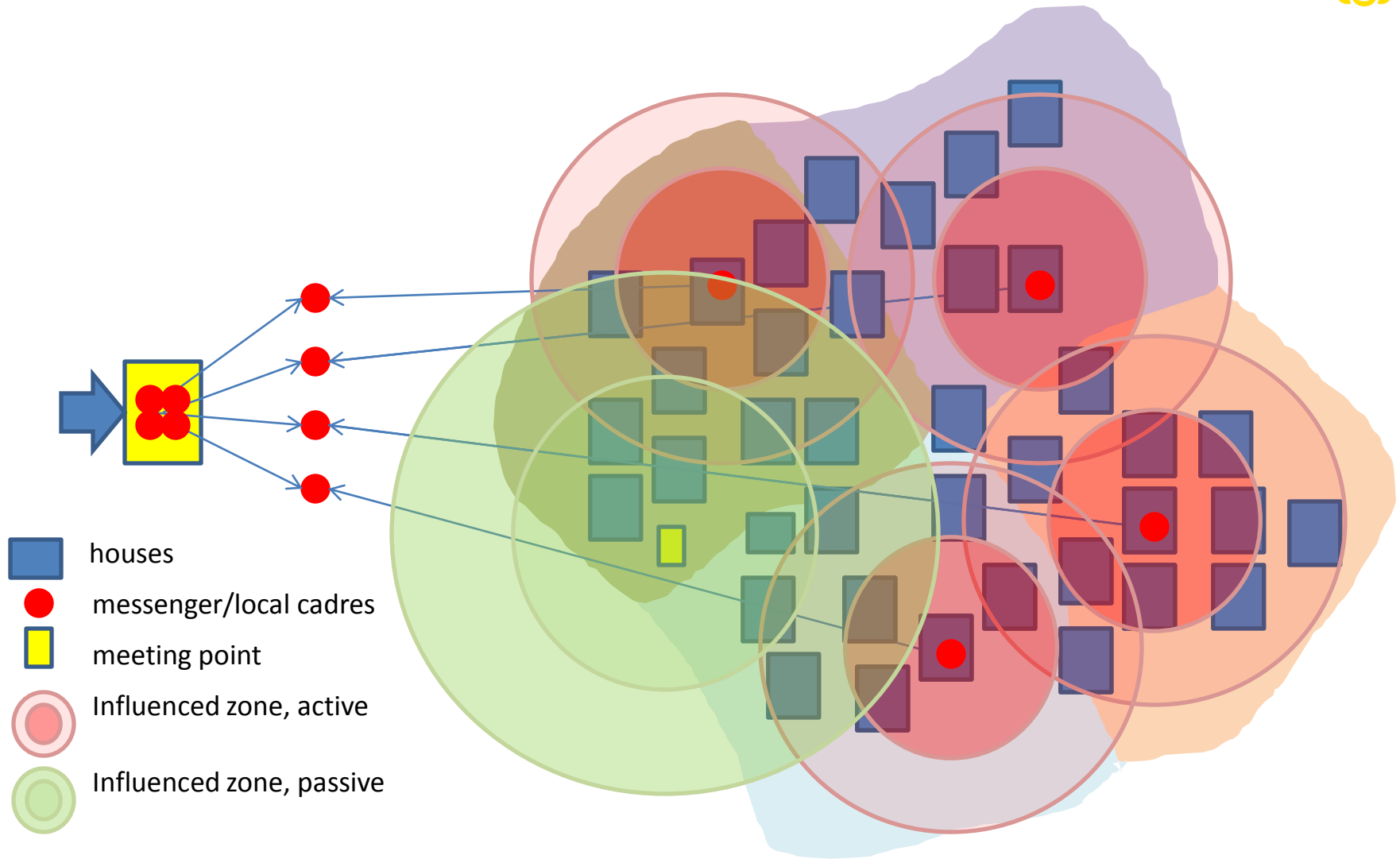
*) Case Study I has bigger area



Legend

Feature	Element	Case Study		Unit
		I	II	
(nofeature)	Cluster	8	7	Cluster
(nofeature)	Total houses	24- 59	5 - 24	house

*) Case Study I has bigger area







How can I design policies if I don't fully understand reality on the ground? How can I design (development/social) programs if I don't grasp the problem in the society? (Jokowi, former DKI Jakarta Governor 2012-2017 – the RI President)”

In original language, Bahasa Indonesia: *“Kalau lapangan enggak dikuasai, bagaimana membuat kebijakan? Kalau persoalan enggak saya kuasai di masyarakat, di lapangan bagaimana saya mendisain sebuah program? (Jokowi, Gubernur Jakarta sebelum Ahok 2012-2017) Presiden RI”*



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