



Consensus building Asia  
Tokyo, 2016

An aerial map of Tra Vinh, Vietnam, is shown in the background. The map is a complex network of colorful lines representing roads, rivers, and land parcels. The colors include red, yellow, green, blue, and purple. The map is tilted at an angle, giving it a dynamic appearance.

## Upgrading Urban Poor Neighborhood TRA VINH CASE STUDY

**Dr. Hieu, NGUYEN NGOC  
SUD, VGI**

## INTRODUCTION

1. LPR in Vietnam
2. Tra Vinh case study
3. Some discussion on behavioral pattern of groups

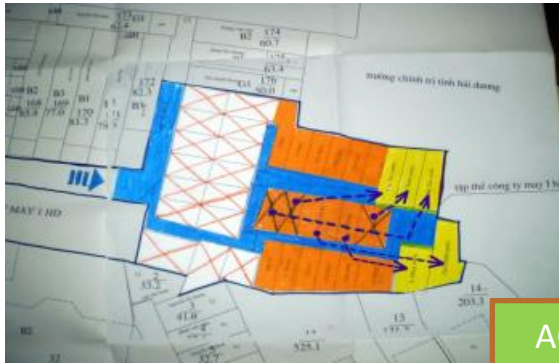
Application in small  
scale of community  
housing development

Unestablished legal  
support

Donation tradition, not  
professional  
readjustment

Rural land  
consolidation  
experience

Concept introduced  
and being piloted in  
development project  
(Tra Vinh)



Hai Duong city



Tan An city

ACVN COMMUNITY  
DEVELOPMENT  
PROGRAM 2010-2013

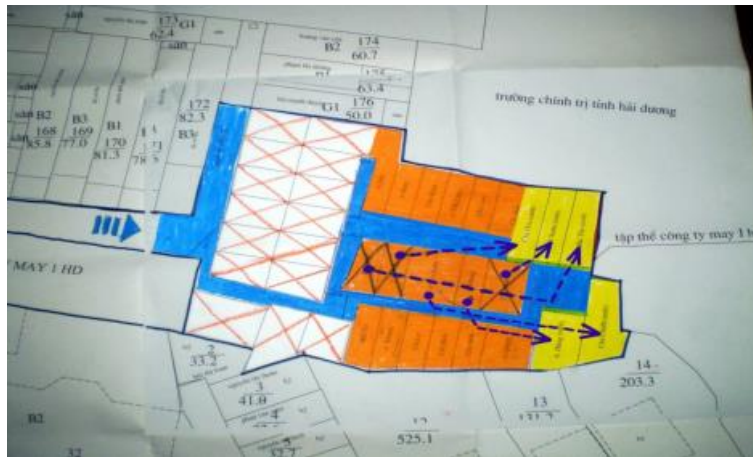


Viet Tri city

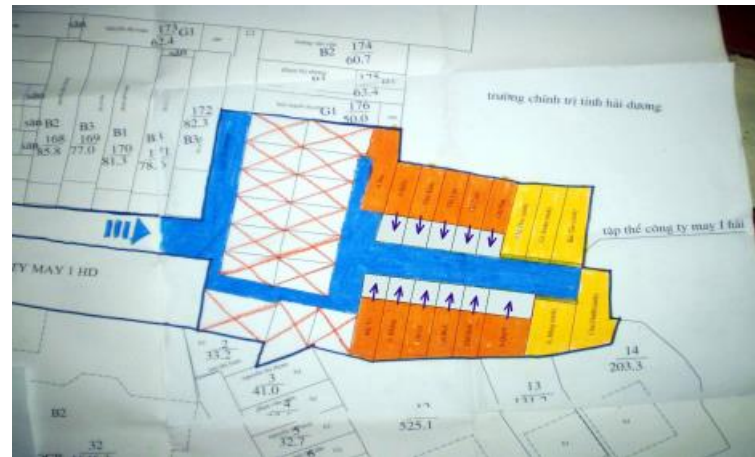


Vinh city

OTHER LAND CONTRIBUTION &  
DONATION FOR DEVELOPMENT  
PROJECT

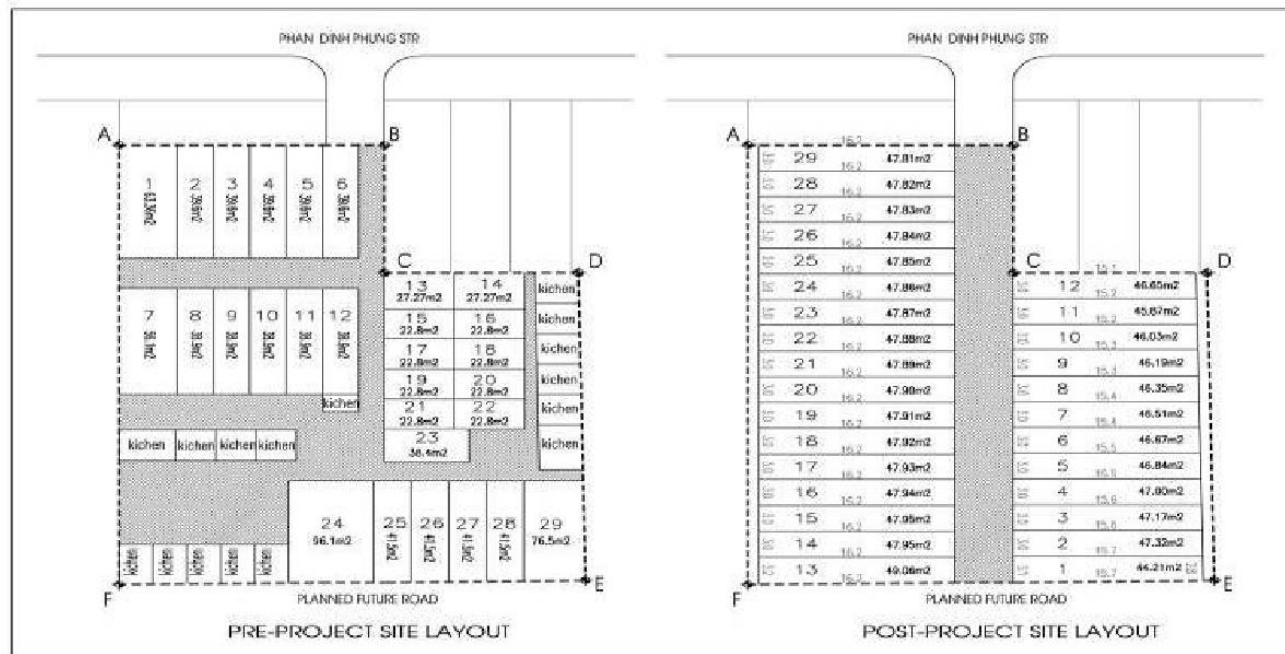


Before



After

- Small scale – 12 households in the same lane
- Full support of local authority as a pilot project
- Rely on technical support and funding from ACVN Cities Alliance



Before

After

- Small but larger scale 29 households, 1,800m<sup>2</sup>
- No regulation, piloted and ad-hoc support

## LEARNING POINTS

### Existing problems

Distance between  
authority and  
community, indirect  
representative

Top down in the  
thought and will  
power override  
method

Consensus  
building/collaborative  
planning is not the  
first approach and  
choice



## LEARNING POINTS

### Traditional culture cultivation

They have  
approach to  
build  
consensus in  
seniority  
system

They have  
direct and  
democratic  
decision  
making  
system

They set  
clear public  
and private  
issues in the  
community



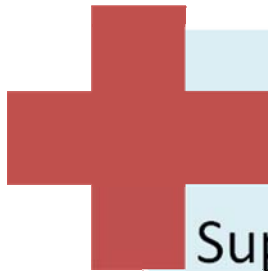
## LEARNING POINTS

### Planning regulation revisions

Monitor public  
consultation  
and choose  
right  
representatives

Respond to  
consultations  
and enable  
public hearing  
at decision  
making level

Using building  
consensus  
approach



## Support

- Land law enables community development approach (though unclear)
- Land exchange/consolidation tradition/experience
- Political support to have pilot project
- Technical assistance available (international)

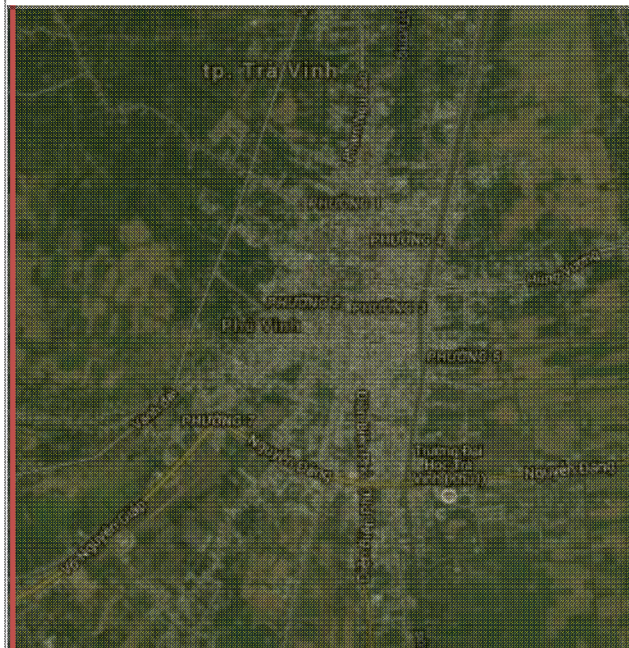
## Un-support

- Administrative red tape context
- Unprofessional planner working on negotiation based development
- Inexperienced stakeholders
- Law not yet specified
- Culture of exchange unprecedented

## TRA VINH CASE STUDY

### Tra Vinh city

City class III (2010), 9 wards  
109000 people (2015)



Area: 68km<sup>2</sup>, density 1607/km<sup>2</sup>  
Growth rate: 1.05%

Dr. Hiep Nguyen Ngoc 2016



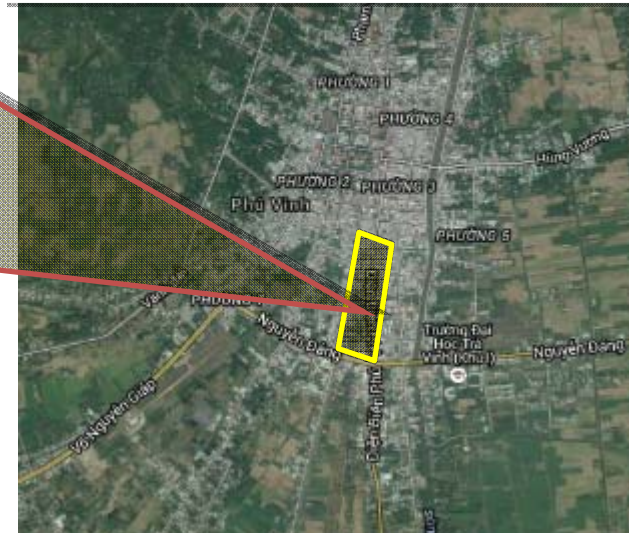


## TRA VINH CASE STUDY

### Site location

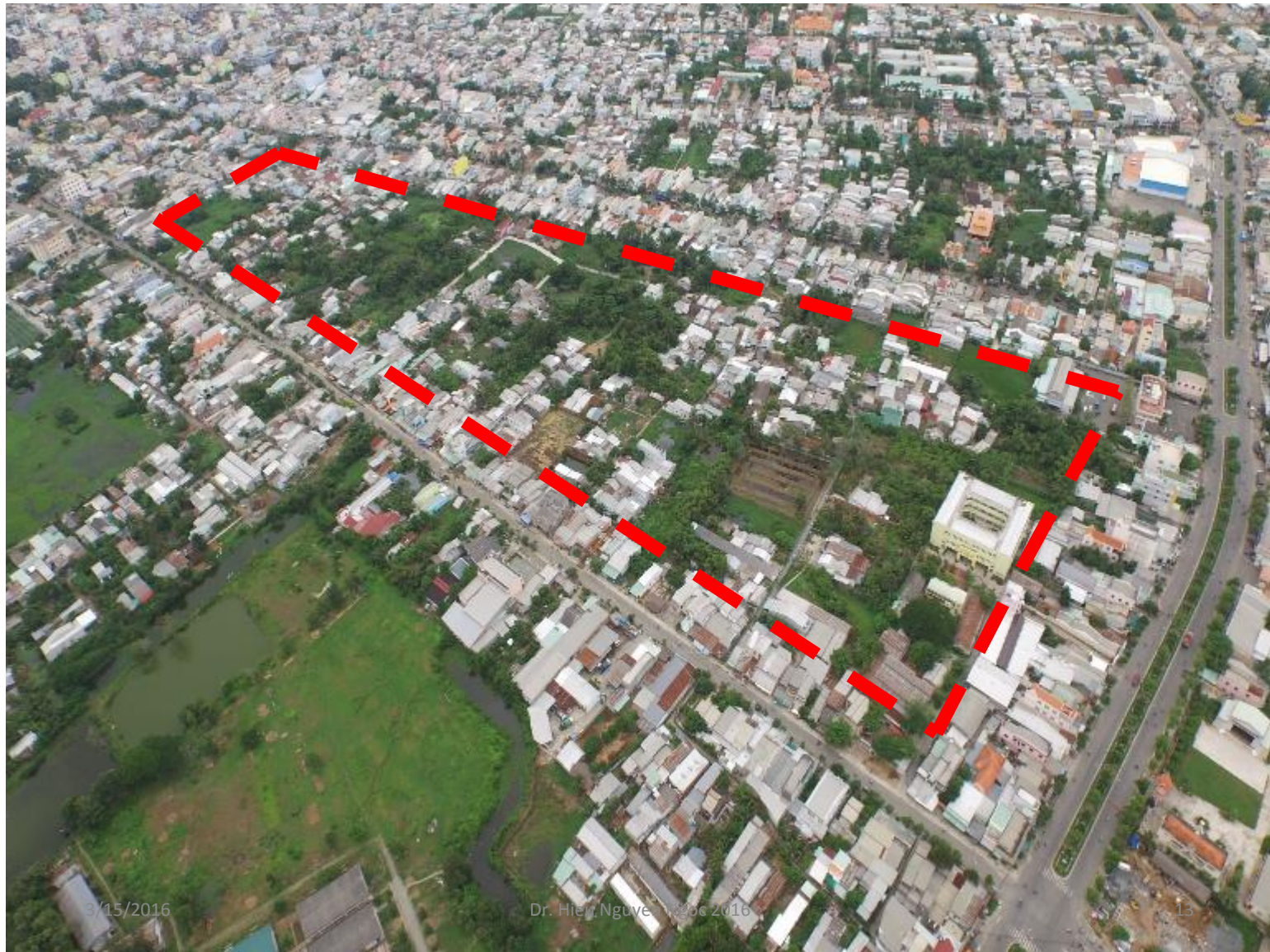


~10ha inside, 236hh incl.  
adjacent to the boundary



Next to the city centre  
Inside the built up area  
Unplanned development - poor  
neighborhood





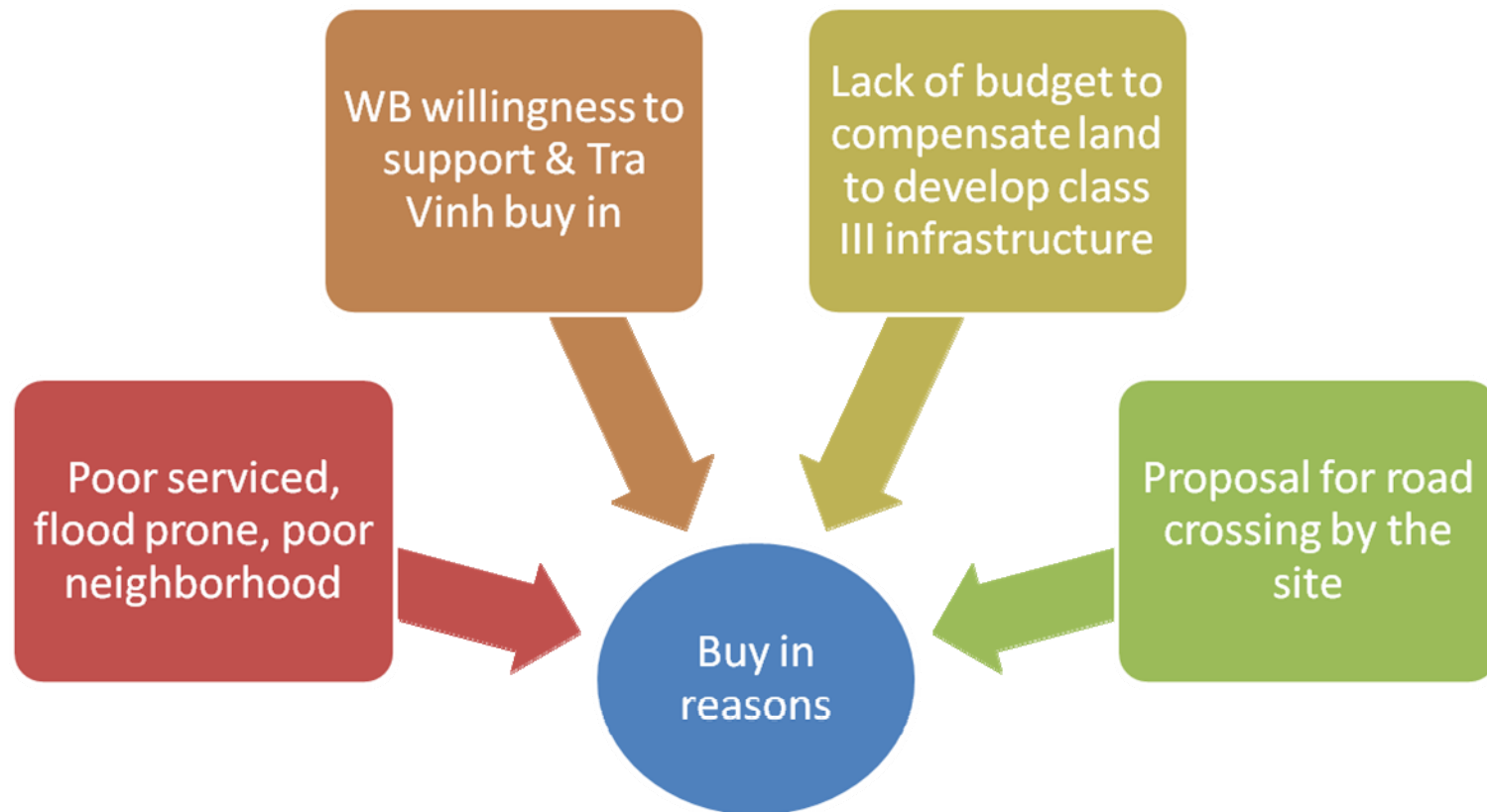
3/15/2016

Dr. Hien Nguyen, 2016

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## TRA VINH CASE STUDY

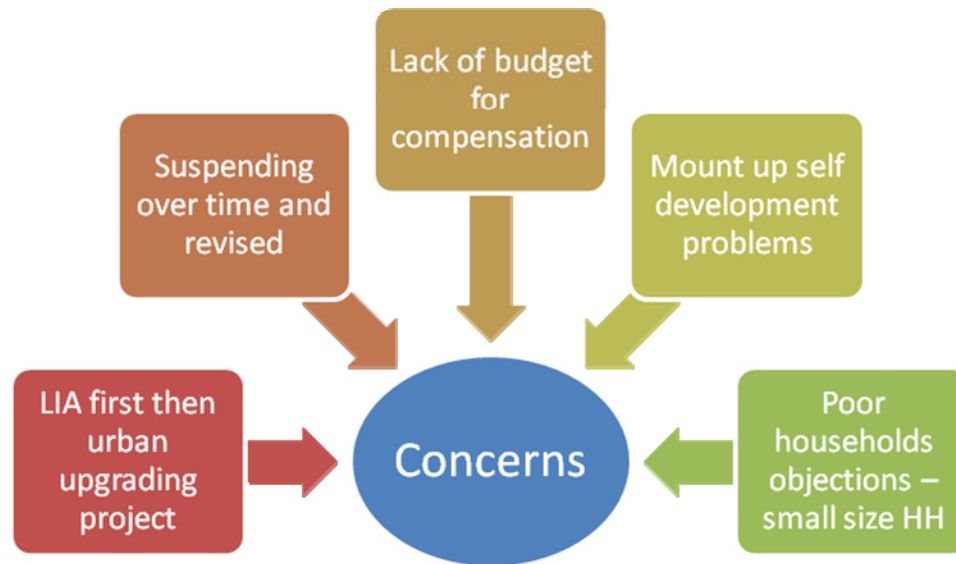
### Project rationale





## TRA VINH CASE STUDY

### Overlapping & other issues



LIA upgrading - orange

Urban upgrading - blue

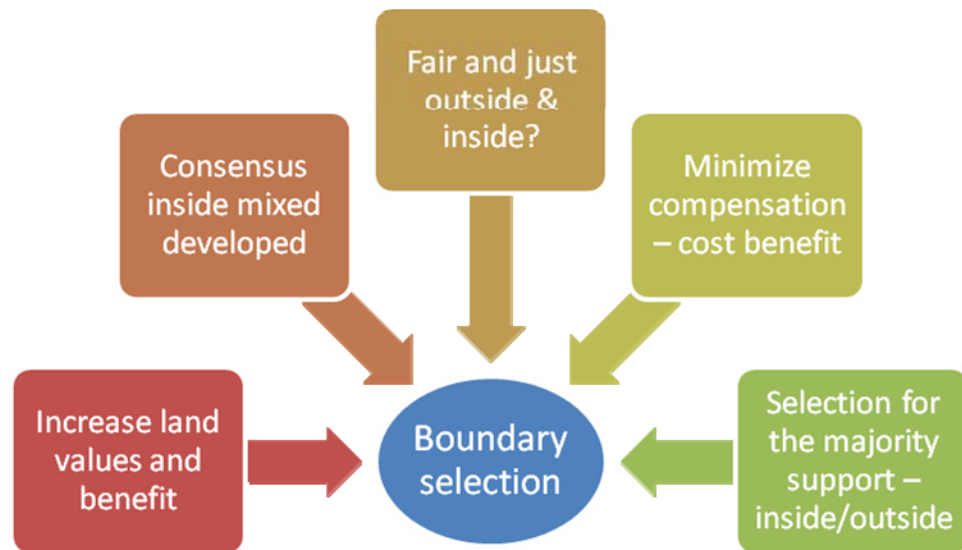


Source: Shirley Ballaney, 2015



## TRA VINH CASE STUDY

### Boundary selection



LIA upgrading - orange

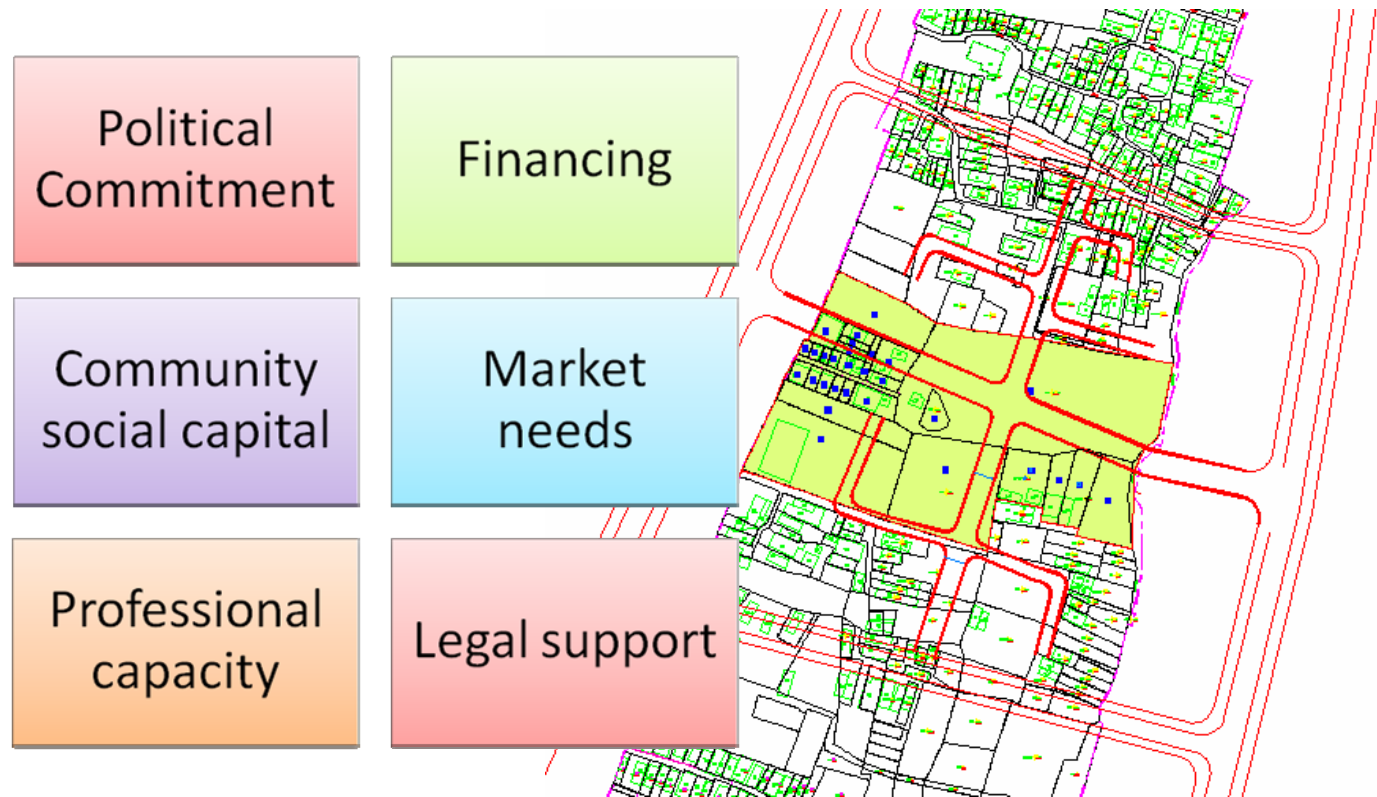
Urban upgrading - blue



Source: Shirley Ballaney, 2015

## TRA VINH CASE STUDY

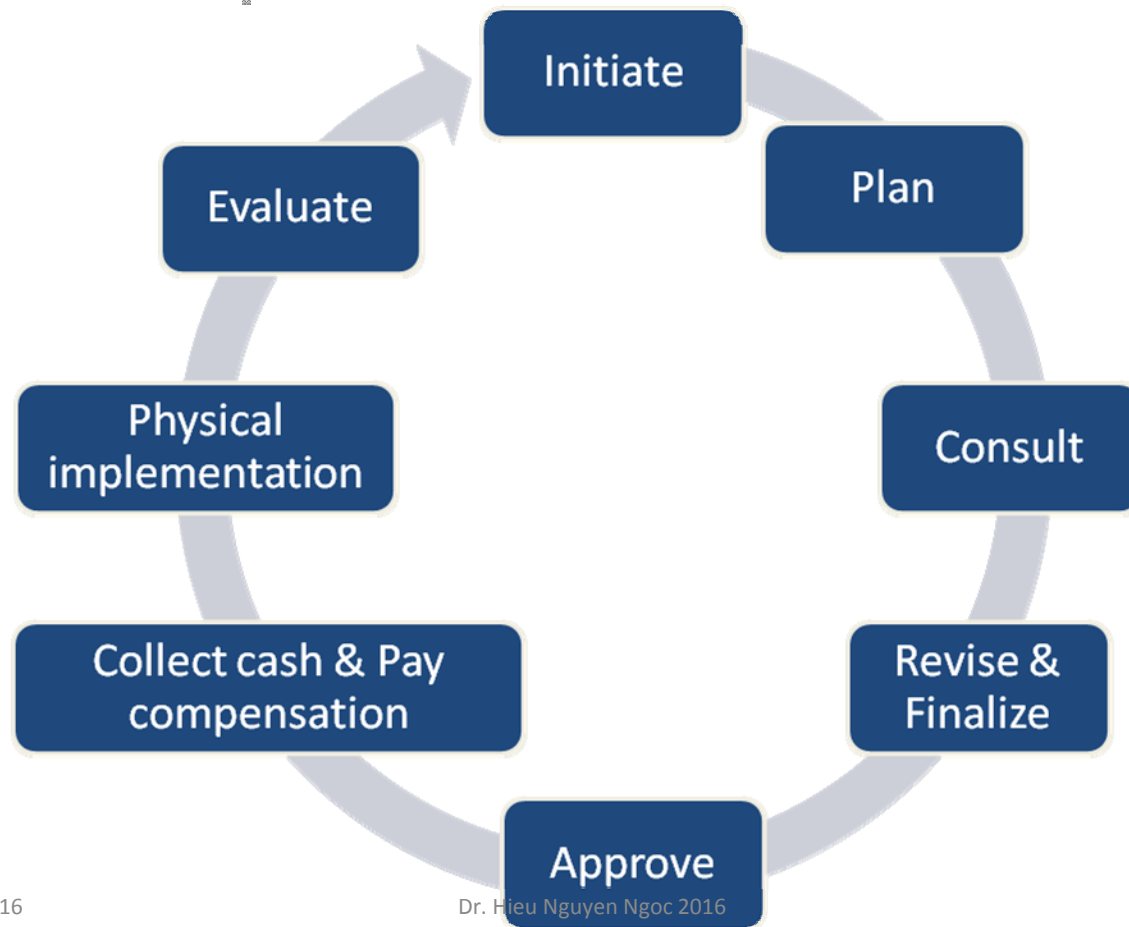
### Other considerations

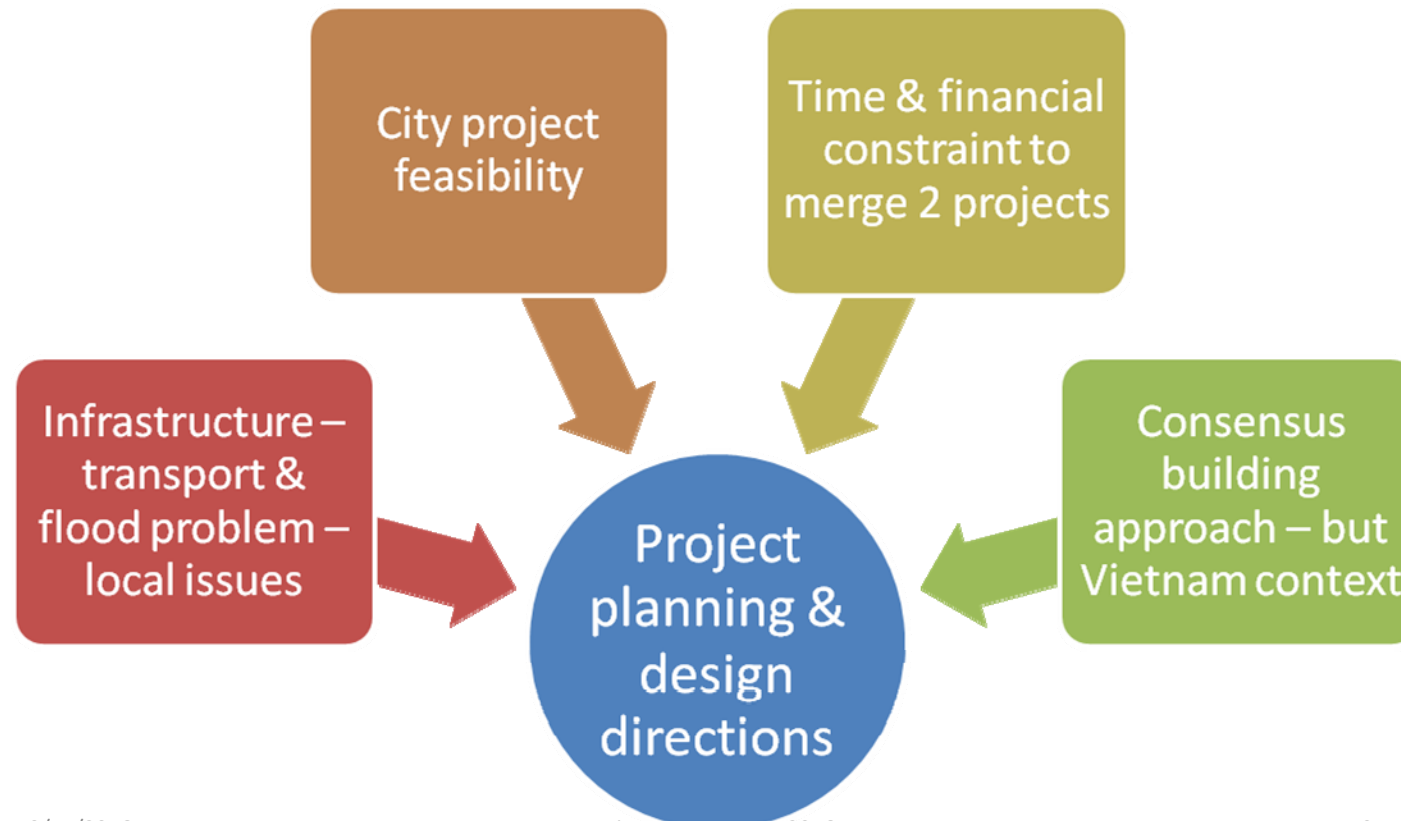


Source: Nobou Geley, 2015

TRA VINH CASE  
STUDY

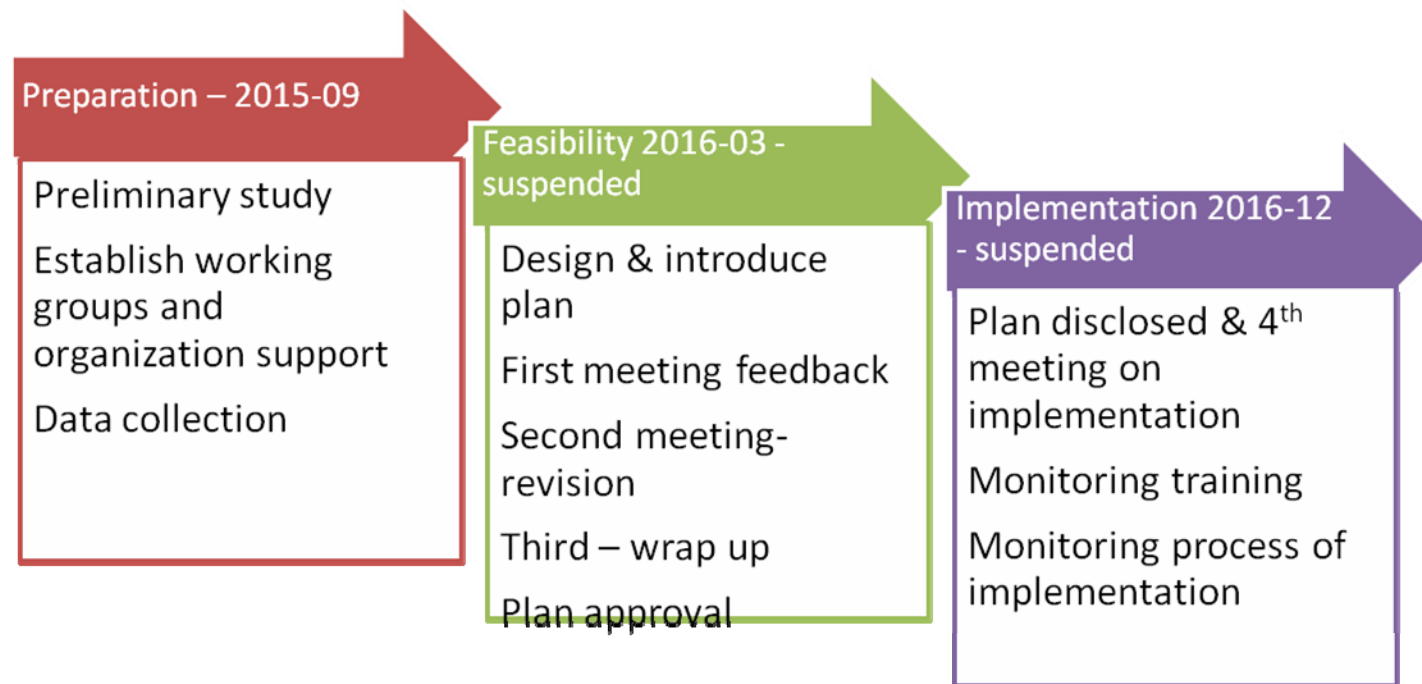
LR project cycle





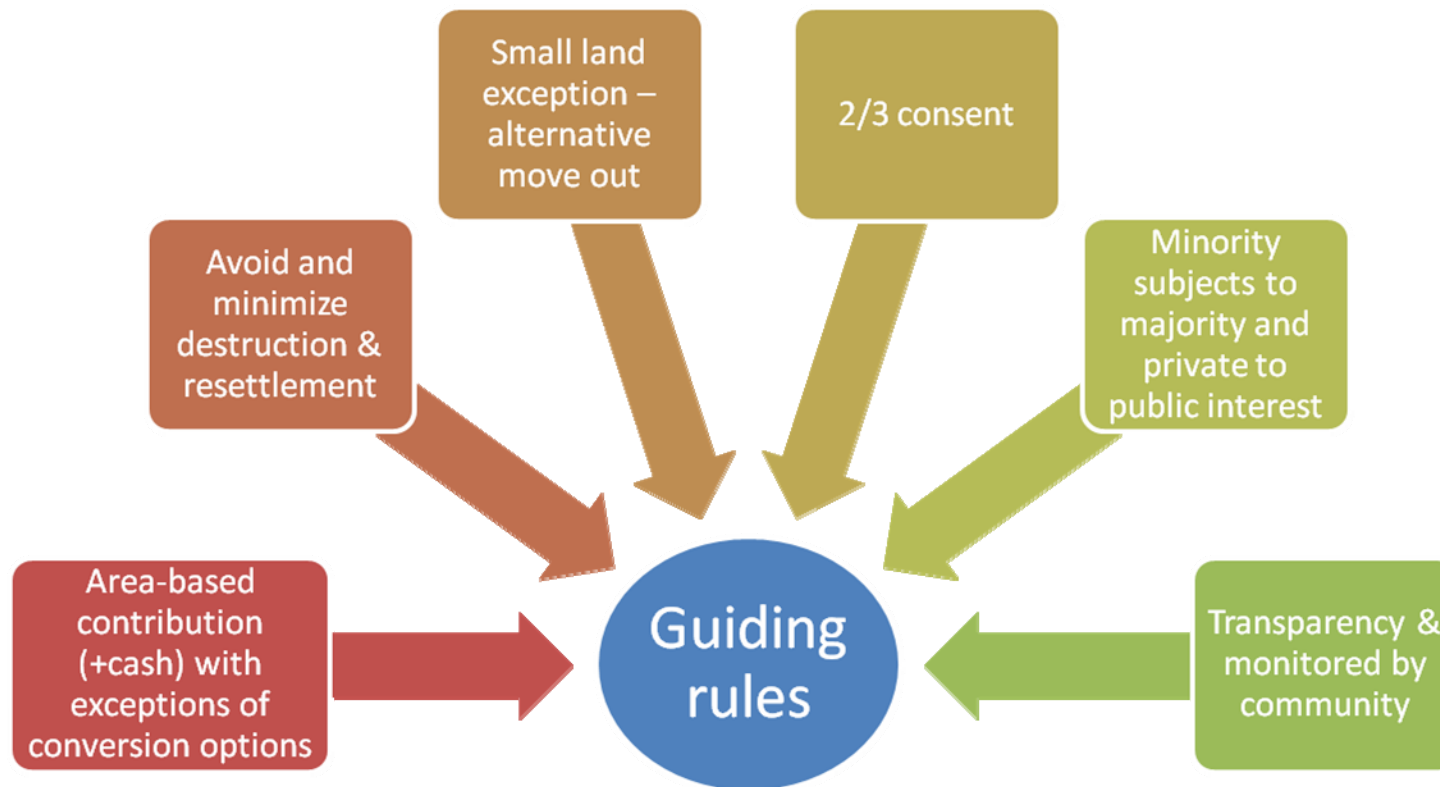
## TRA VINH CASE STUDY

### Project phasing



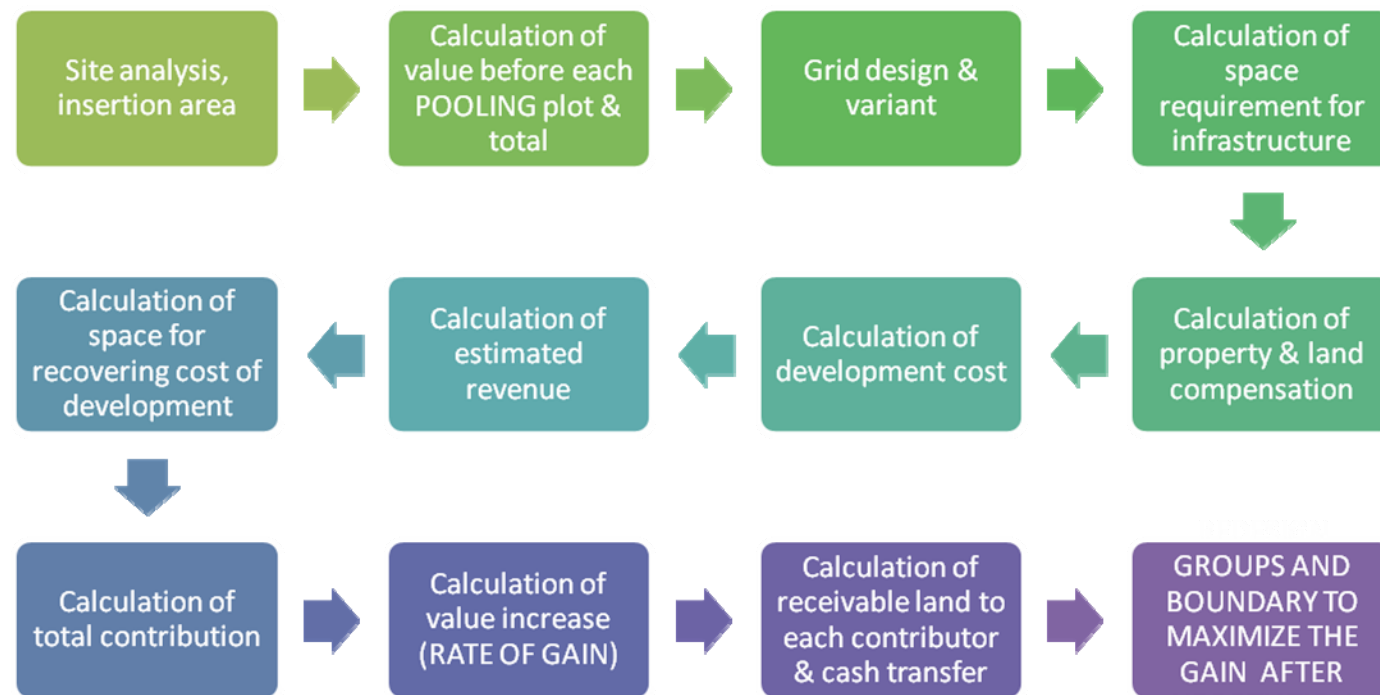
## TRA VINH CASE STUDY

### Guiding rules (chosen)



## TRA VINH CASE STUDY

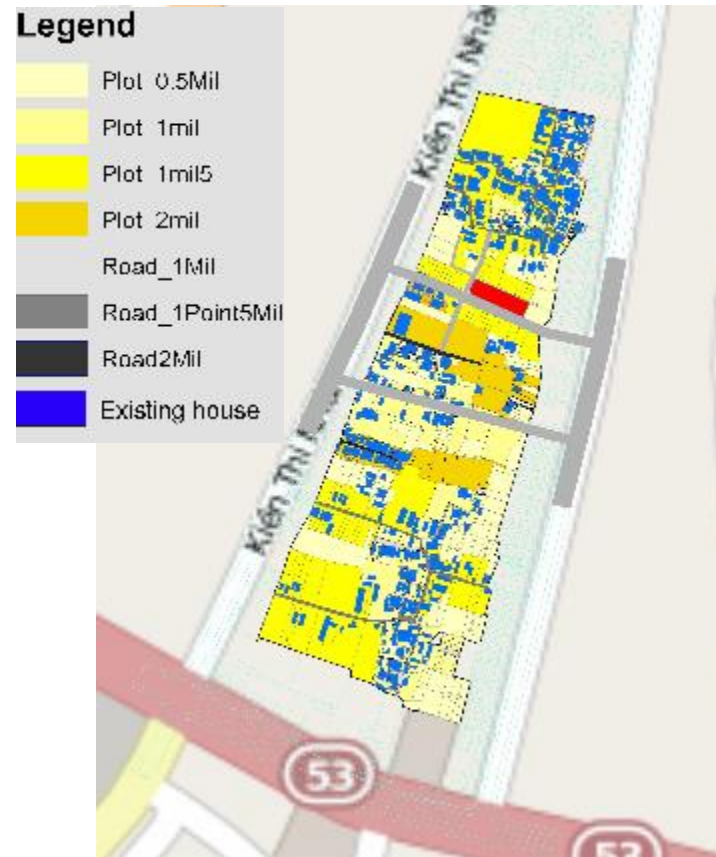
### Economic viability analysis (proposal) - discussion





## TRA VINH CASE STUDY

### Land value analysis by plot feature & accessibility



Source: Hieu, Nguyen, 2015

## TRA VINH CASE STUDY

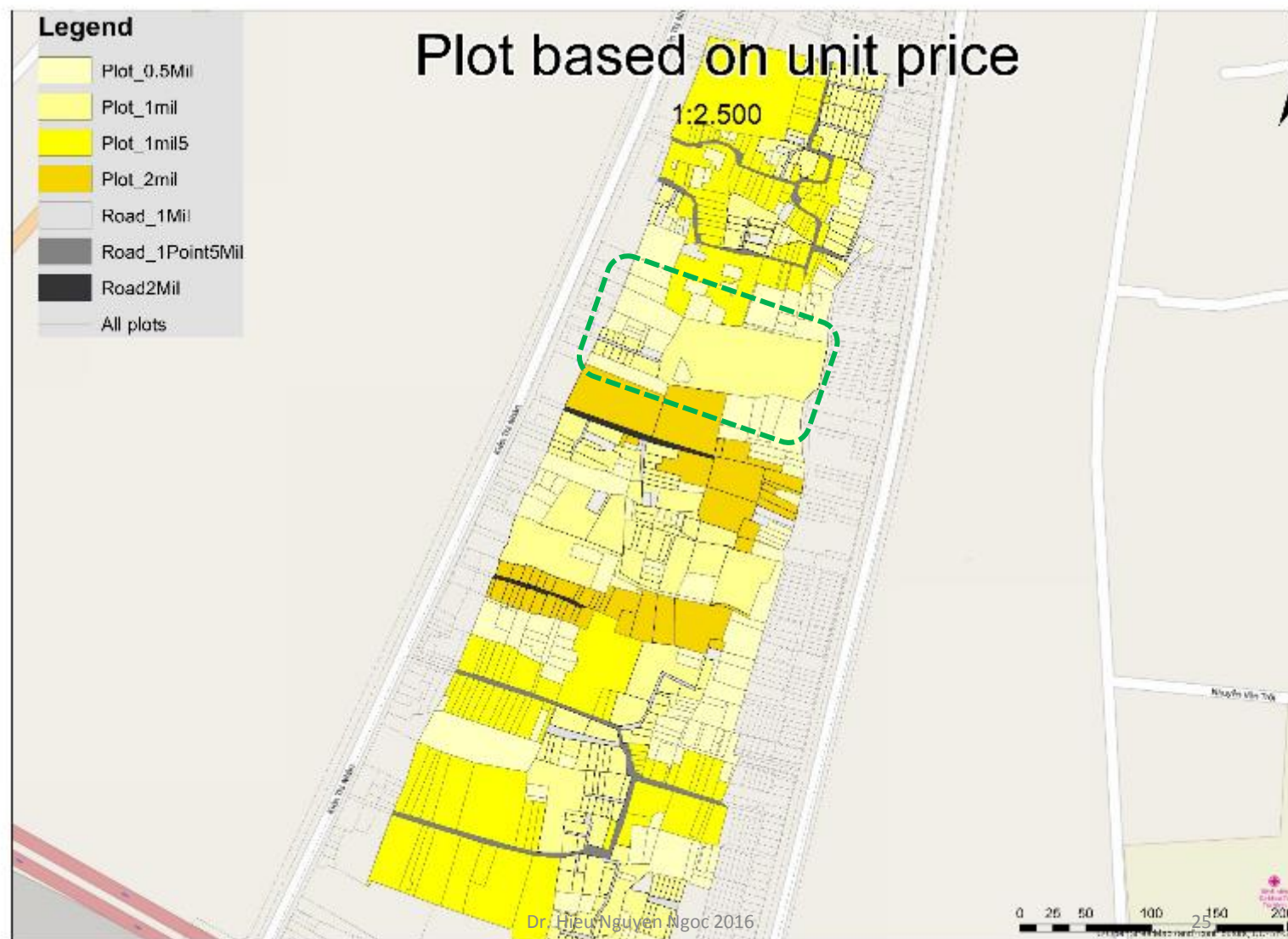
### Pilot redistribution economic viability calculation

total new resident property value	100,341,427,435.20
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Rate of V2 property value increase	94%
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Value increase = estimated sale - original - investment

space for new infrastructure	19,782	17%
redistribution area (subtracted infrastructure needed)	47,418	
contribution area sold to recover infrastructure cost	17,012	30%
remaining redistribution area for local residents	30,406	53%
total cotribution rate		46.84%
contribution area sold to recover infrastructure cost (WB support)	8101	14%
<b>new contribution rate (WB support 1/2)</b>		<b>31%</b>



## TRA VINH CASE STUDY

### Land readjustment for Axis B group - demonstration

**Before**



**After**



*Source: Hieu, Nguyen, 2015*

## TRA VINH CASE STUDY

### Land readjustment for Axis B group - demonstration

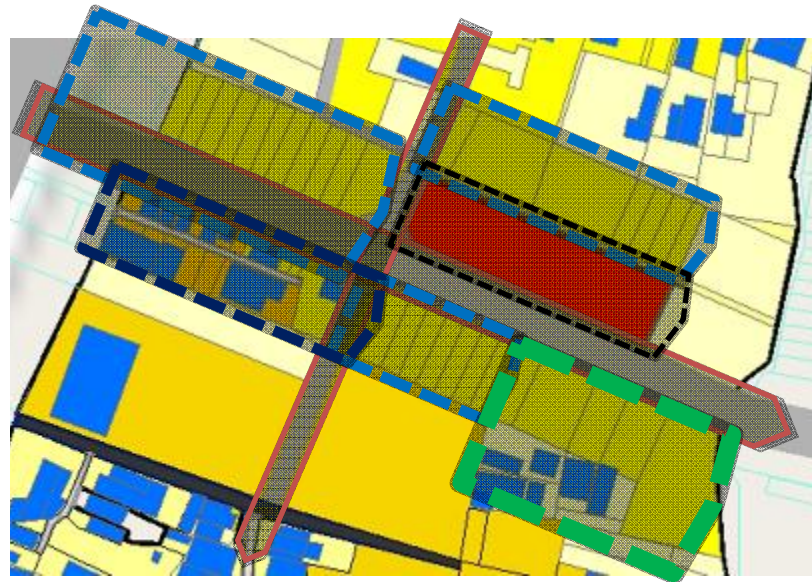
New B axis and feeding  
roads

Subdivide land into shop  
house to create urbanity  
and relocate into the new  
street

Preserve land for sale off  
for construction/public land

Reparcel when necessary

Minimise destruction of  
buildings

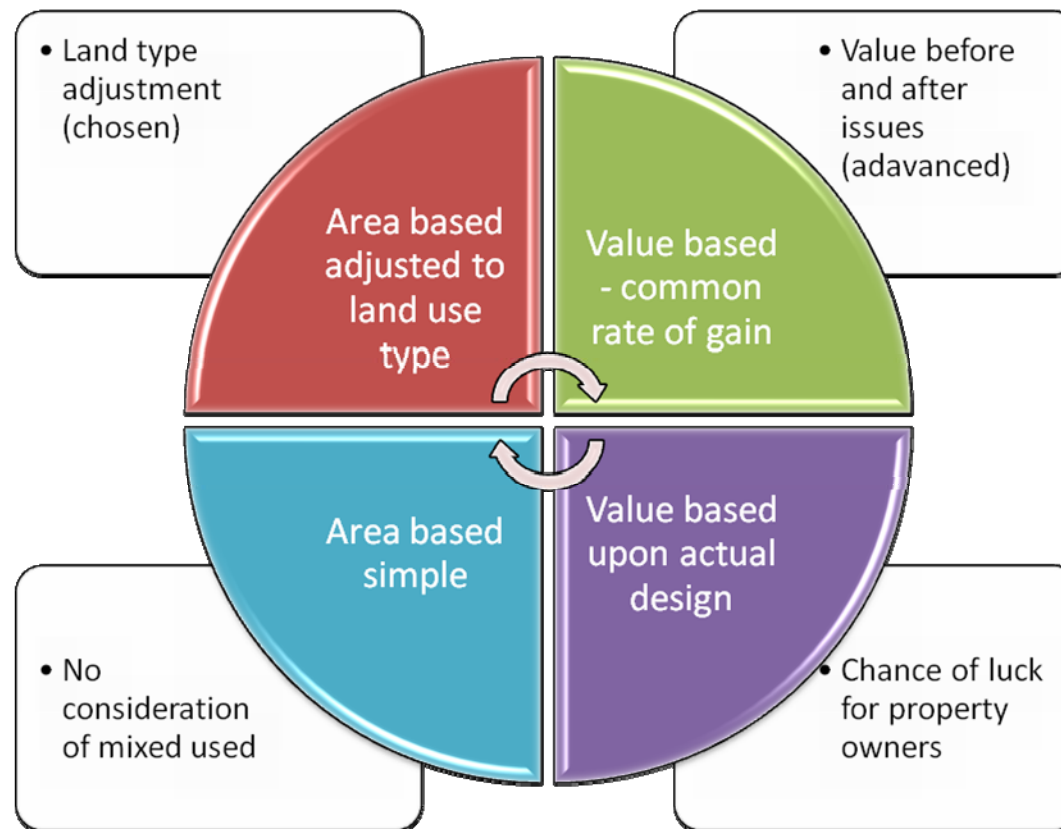


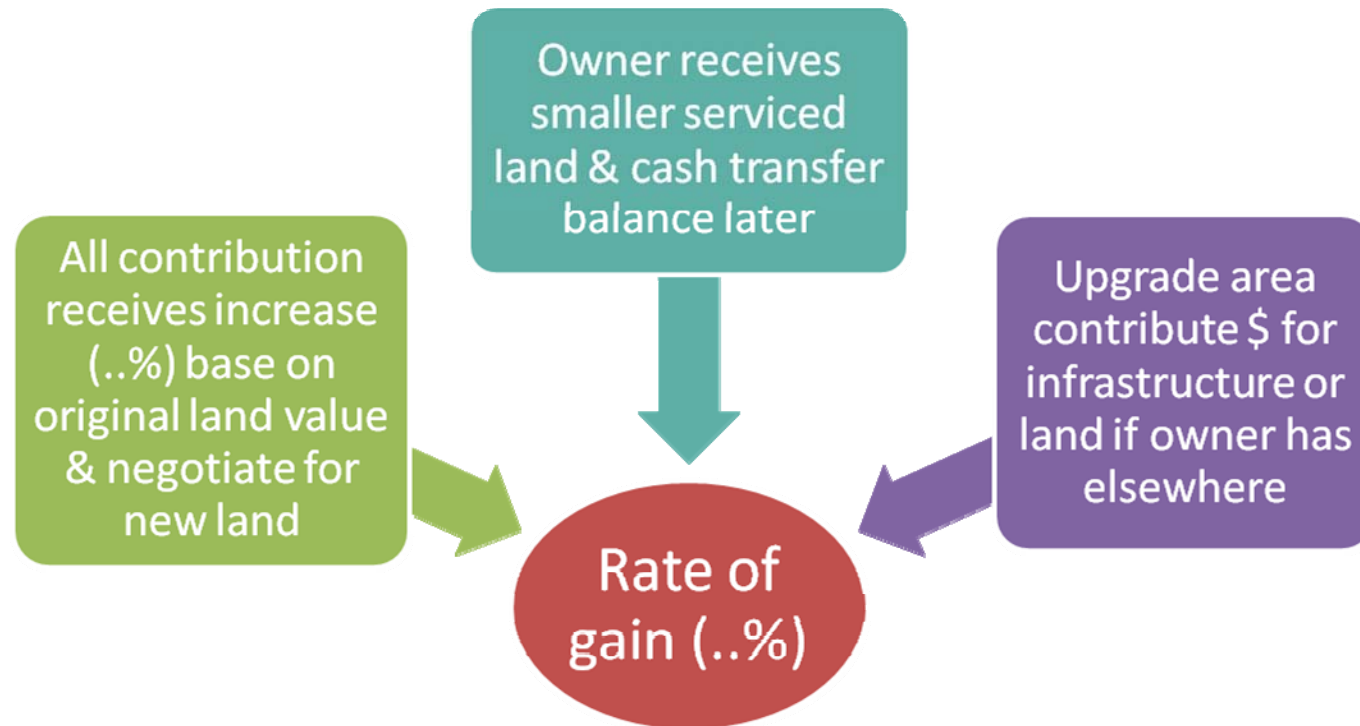
*Source: Hieu, Nguyen, 2015*



## TRA VINH CASE STUDY

### Redistribution alternatives

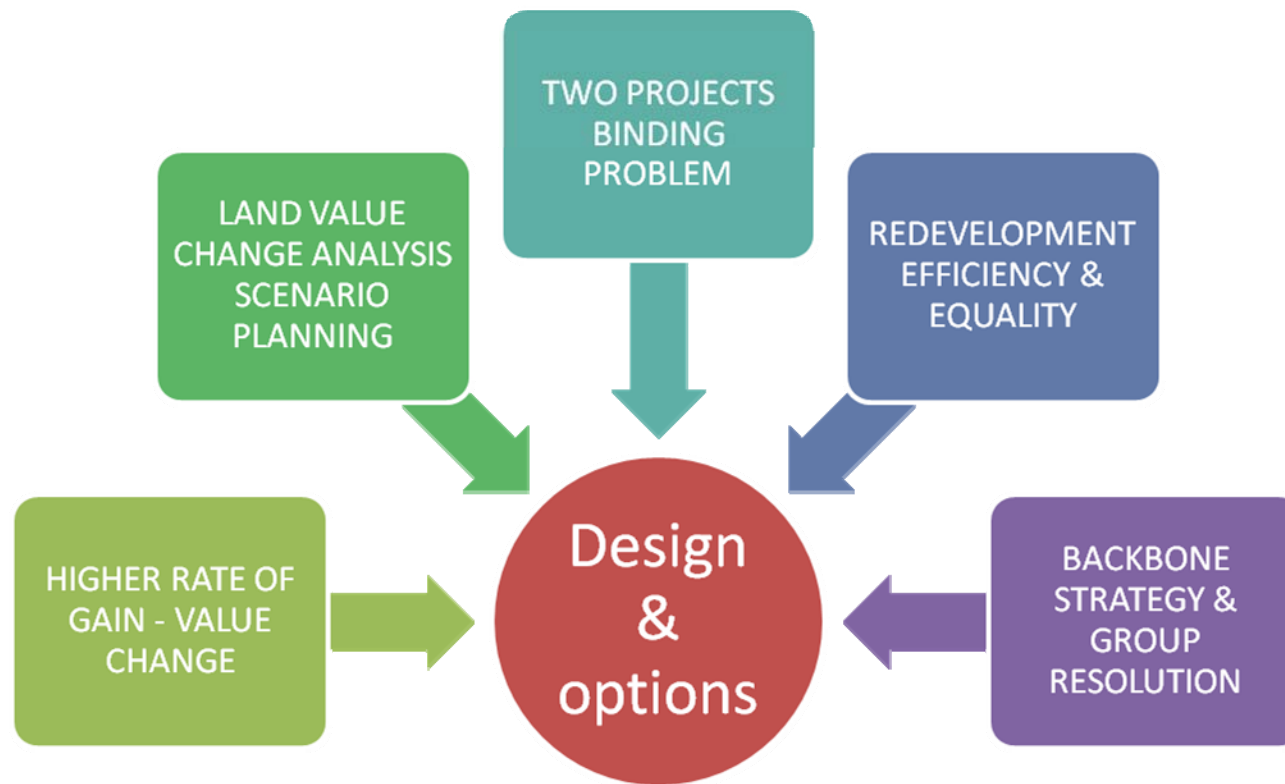






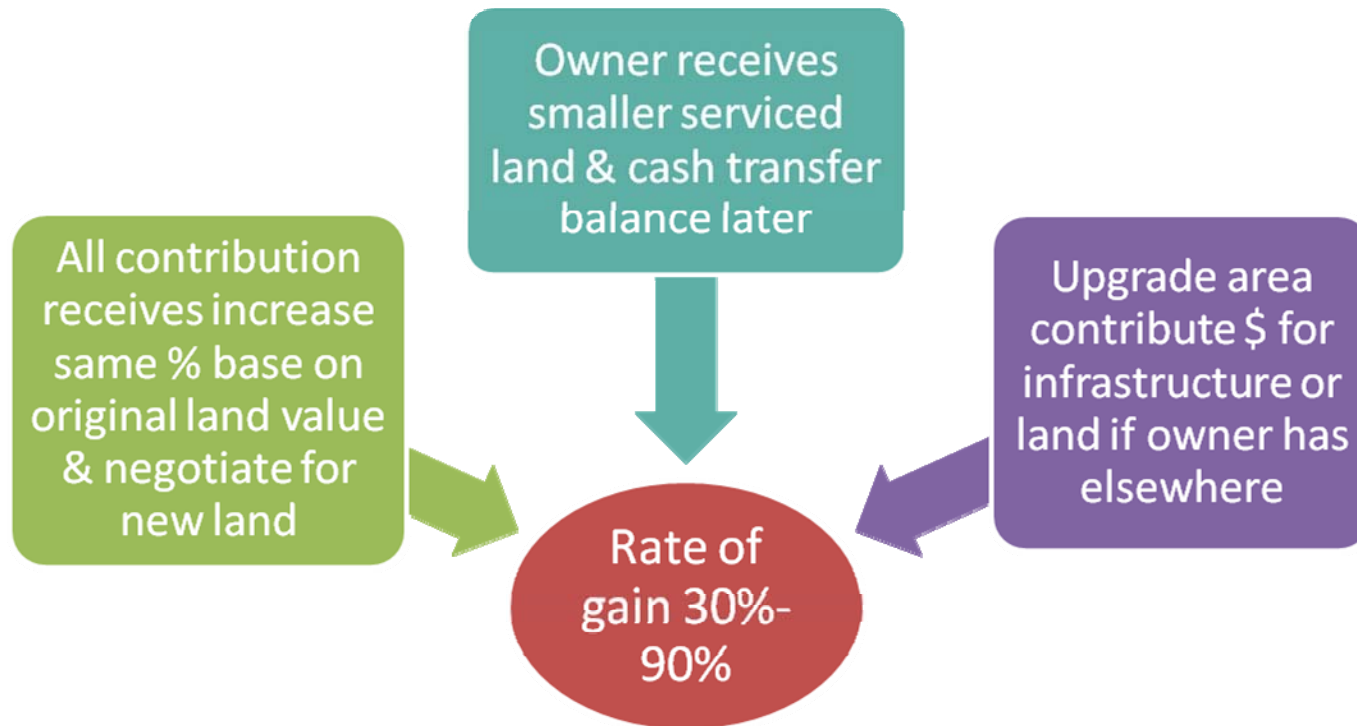
## TRA VINH CASE STUDY

### Group design trial



## TRA VINH CASE STUDY

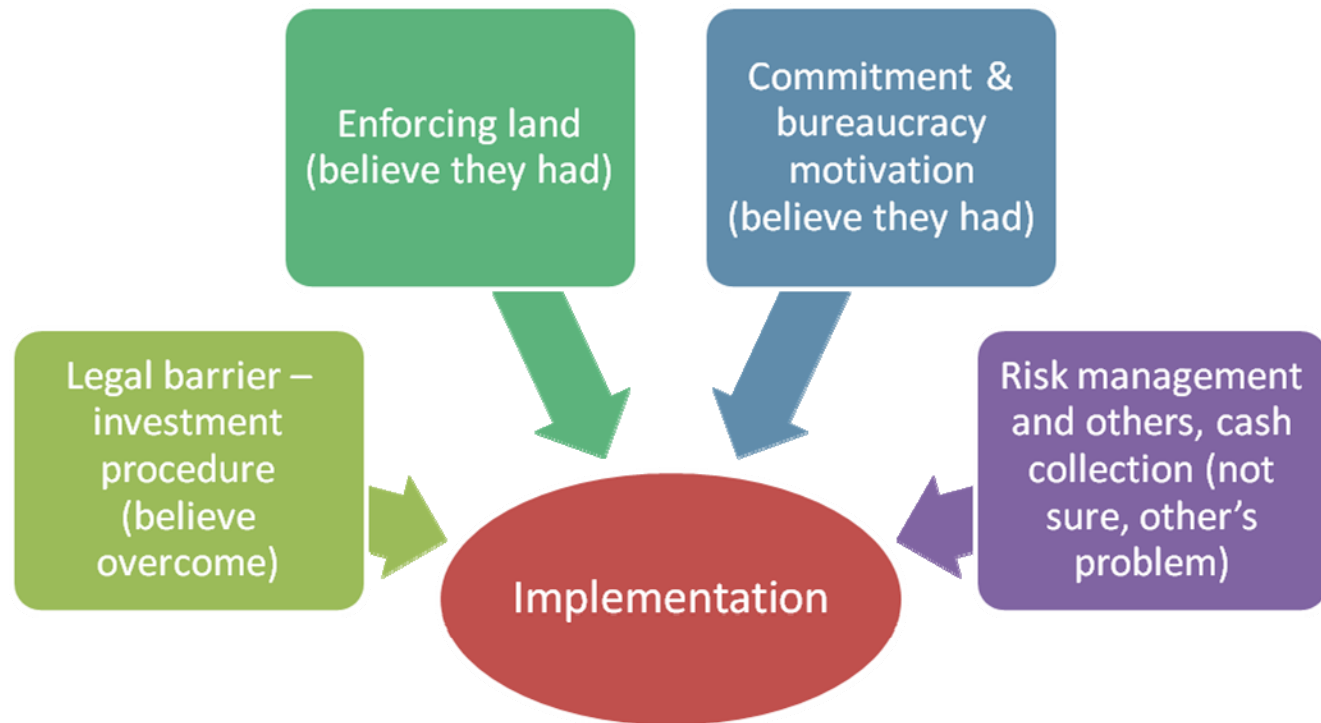
### Redistribution ratio for B axis group (trial)





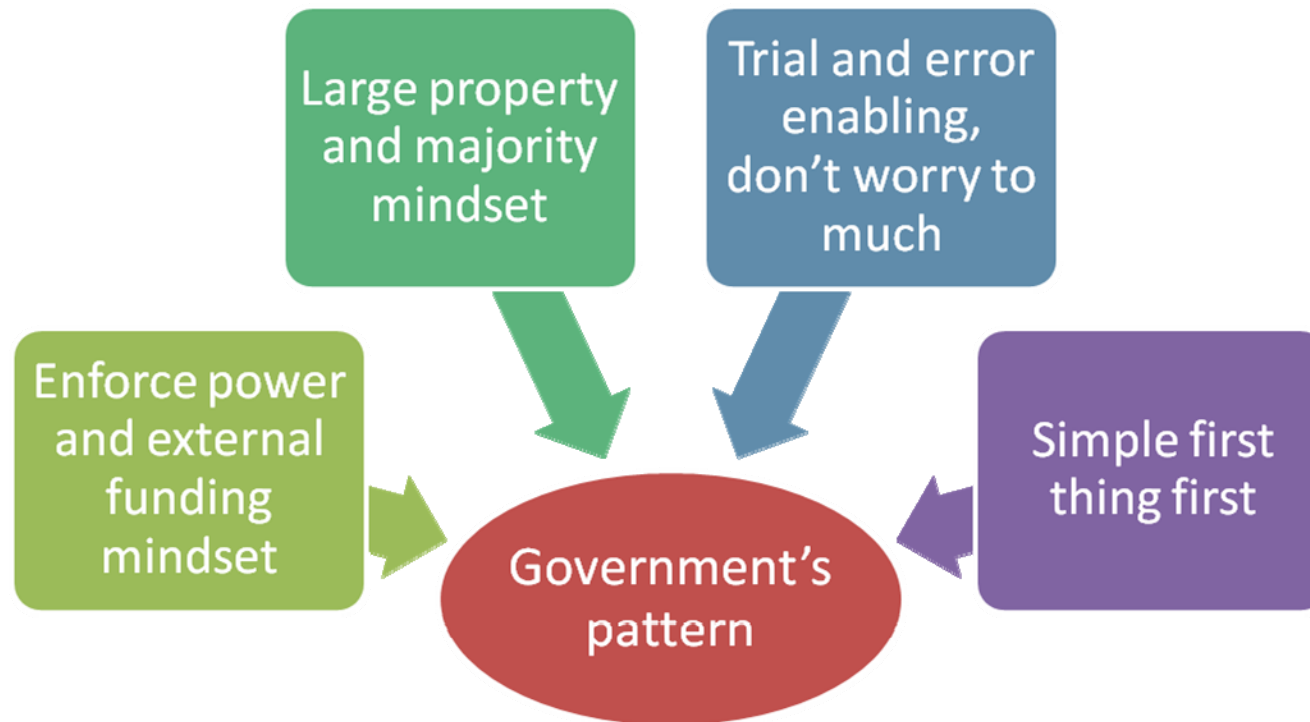
## DISCUSSION

## Implementation



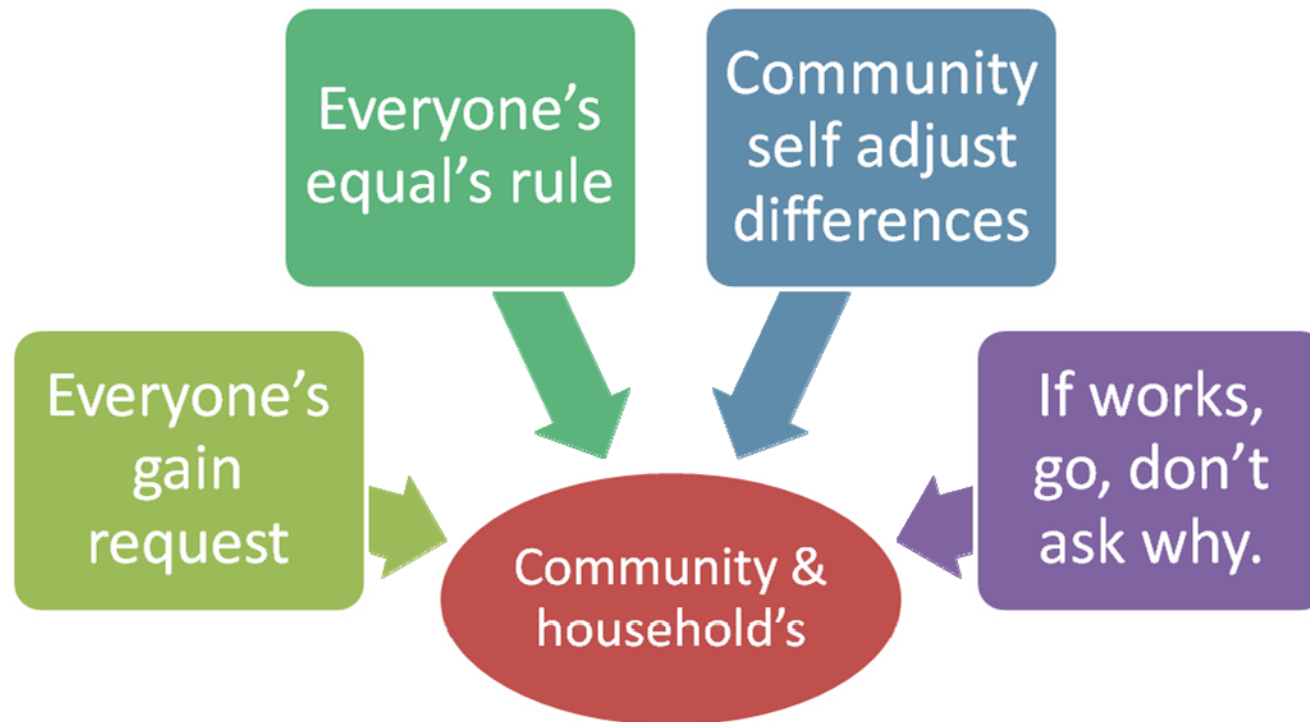
## DISCUSSION

### Pattern of thinking



## DISCUSSION

### Pattern of thinking



Thank you for your attention!

Q & A



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