

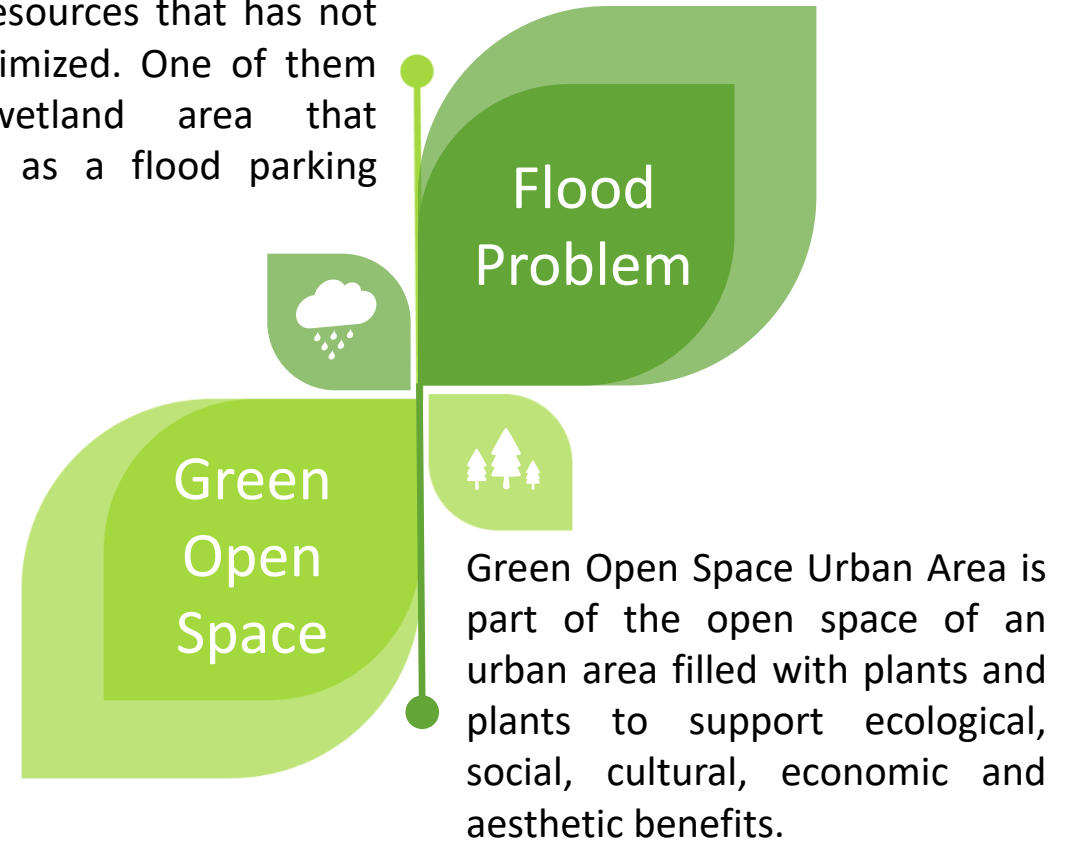


Construction Cisurupan Wetland
as Green Infrastructure with Multiple Benefit



STARTING POINT

Bandung has a lot of potential natural resources that has not been optimized. One of them is a wetland area that functions as a flood parking pond.

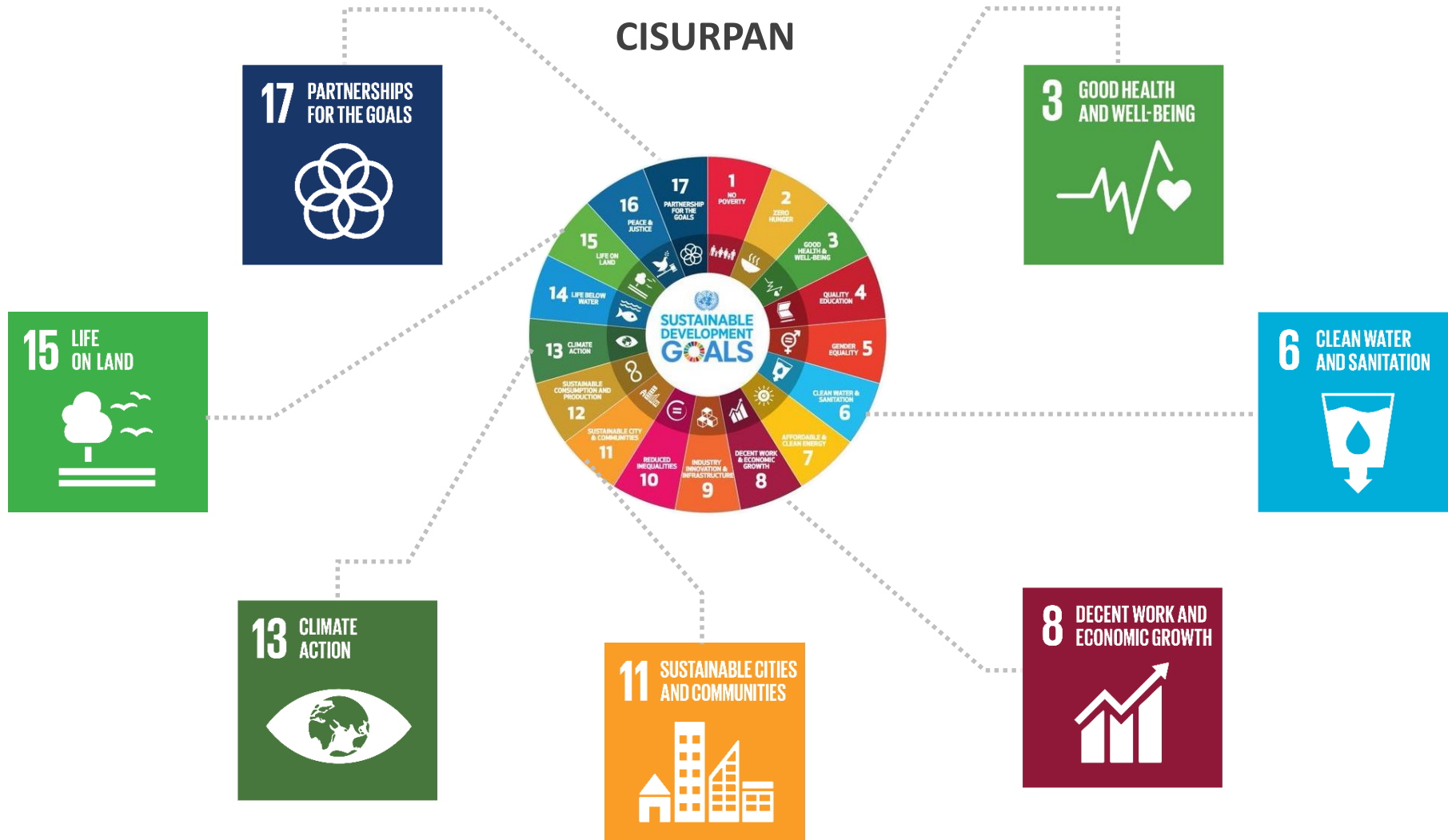




Starting Point



WETLAND CISURPAN



Institutional Setting

Based on UU No. 26 of 2007 and Permen PU No.05 / PRT / M / 2008

“ The definition of Green Open Spaces is a lengthening / lane area and or cluster, the use of which is more open, a place to grow plants, both plants that grow naturally and intentionally planted. ”



Vision and Mission of Bandung

In accordance with the vision and mission of the city of Bandung, namely to build an independent, strong and fair economy. As well as realizing Bandung comfortably, through spatial planning, infrastructure development, and controlling the use of quality and environmentally sound spaces.

- Approach -



Action Research



Mutual
Cooperation



Fast Track Design
Construction

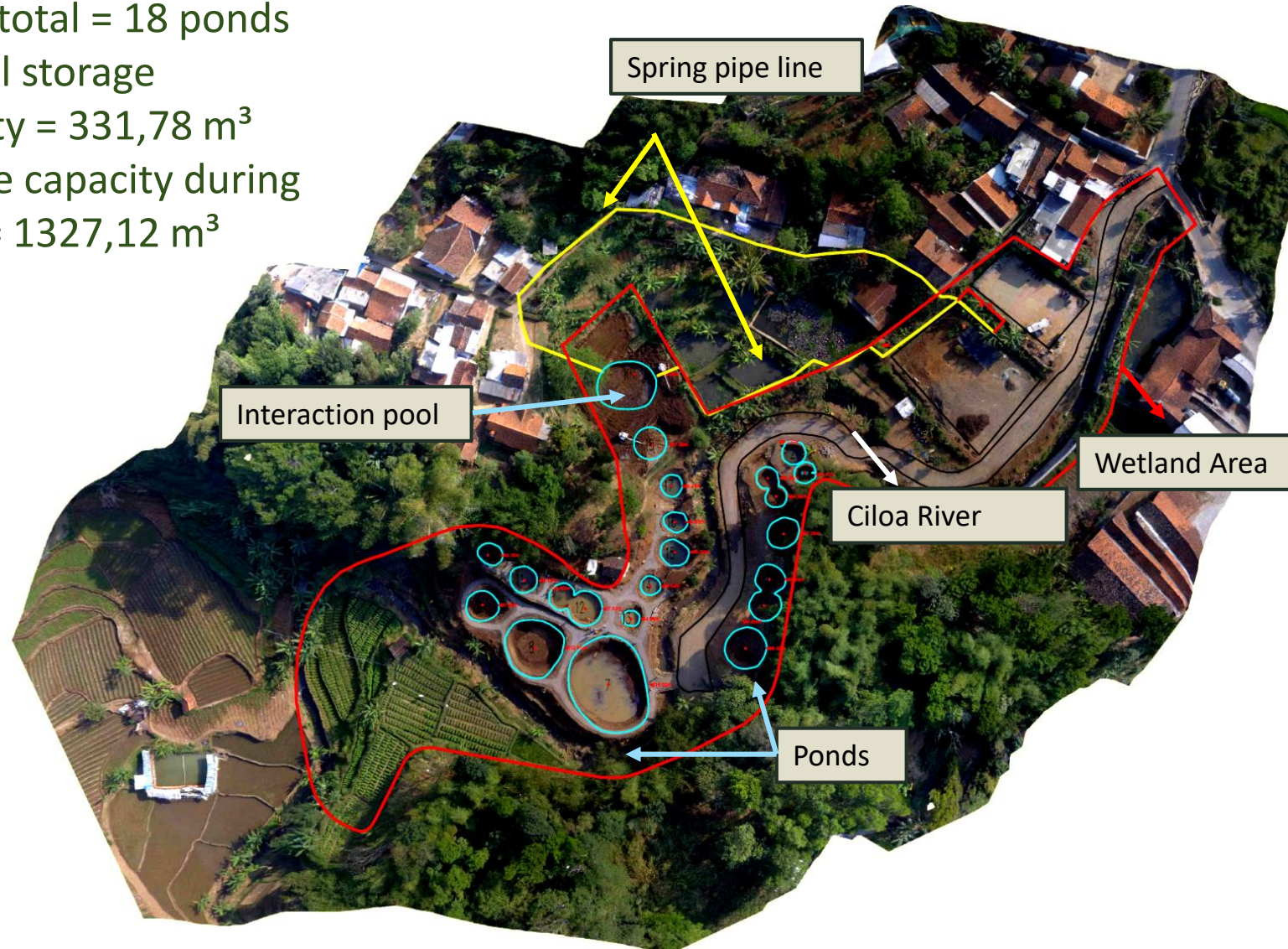


Interdisiplinary



Jl. Cilengkrang I, Kelurahan Pasirwangi, Kecamatan Cibiru, Bandung
Ciloa River

- Wetland area = 9.927,56 m²
- Ponds total = 18 ponds
- Normal storage capacity = 331,78 m³
- Storage capacity during flood = 1327,12 m³



Outputs wetland Cisurupan

01

Retention area and water conservation

02

Become an ecosystem / place of living for flora and fauna typical of wetland

03

Public space and education facilities

04

Purifying water using plants such as water hyacinth and others

05

Agriculture and fishery area

SUSTAINABILITY

Futures development

To grow the economy local district area



Public space for recreation and education facilities



Green space area to reduce flood impact



Lesson

Ecology

Life harmony with nature



The identity of a region
Flora and fauna



Transfer



Location

- ☐ Near riverbanks / swamp area
- ☐ Accessibility



Commitment

Stakeholder :

- Government
- Community
- Educational institutions
- People

Mutual Cooperation

- ❖ Cost
- ❖ Responsibility
- ❖ Roles

