

Social Design

Urban neighborhood remediation, Bandung, Indonesia

Main author
Antonius Richard Rusli, student, Universitas Katolik Parahyangan, Bandung, Indonesia

Summary by the jury
 The design aims to improve the deteriorating physical and social conditions of the Bukit Jarian Kampong in Bandung. Two mutually-dependent measures are initiated. First, the scheme introduces a sanitation hub as public space in the center of the slum. Second, the project's objective is to restore the polluted river, which has been used for an extensive period as a garbage dump. Designed in a square pattern of bridges, buildings and platforms over a landfill bordering the river, the proposed hub is accessible from several sides, opening connections to the neighborhood while providing a range of public amenities, such as public toilets, a recycling facility and a learning center.

Appraisal by the jury
 The jury greatly appreciates the efforts undertaken by the group of young designers to improve the quality of informal settlements in Indonesia. Particularly valued is the project's vision to conceive of sanitation concurrently as an architectural, urban and a social project. Infrastructure design is viewed in terms of its physical and societal impact, improving the environment while improving community relations.



Image 1: Concept and background.

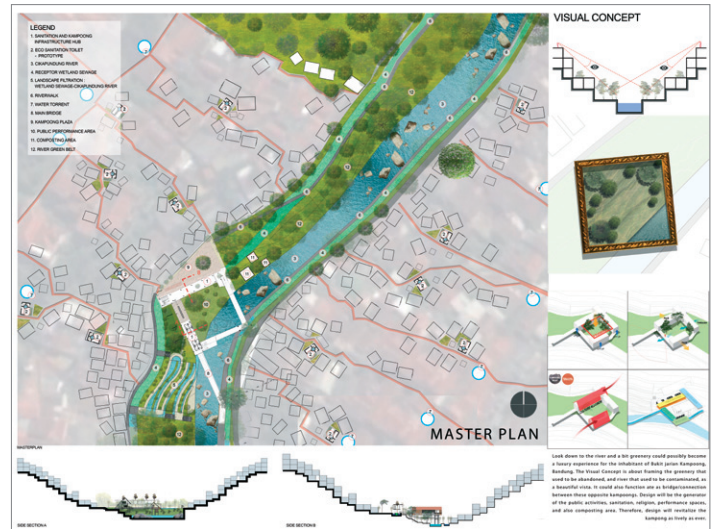


Image 2: Master plan and visual concept.

Project data	
Context	Architecture, building and civil engineering
Client	Habitat for Humanity Indonesia
Background	Public commission
Planned start	January 2016

Further authors
 Kenneth Soewarto, Raymond San, Steve Soesanto and Raynaldo Theodore, students, Universitas Katolik Parahyangan Bandung, Indonesia



Image 3: Problem.

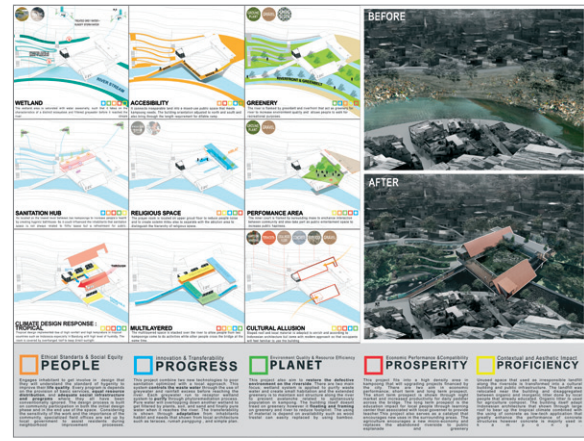


Image 4: "Target issues" for sustainable construction.



Image 5: Social impact.

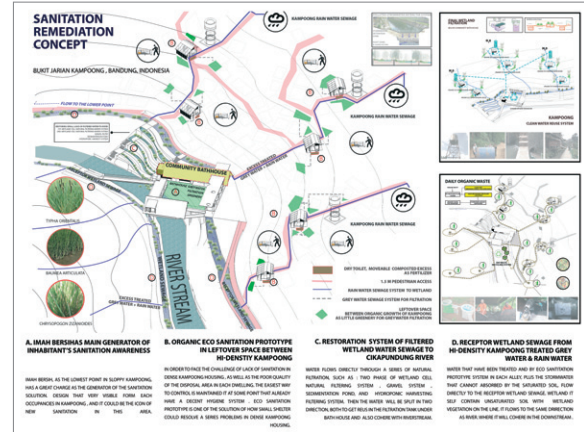


Image 6: Sanitation remediation concept.

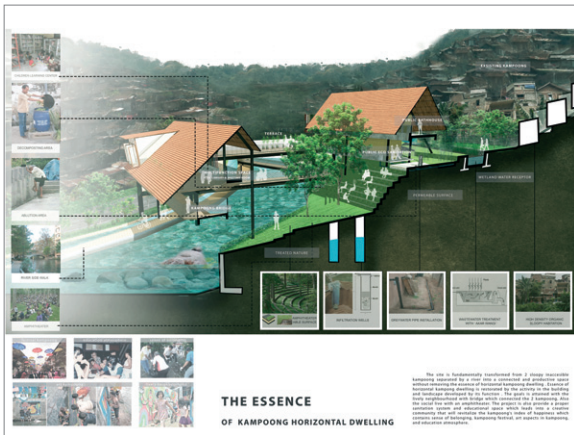


Image 7: Perspective section.

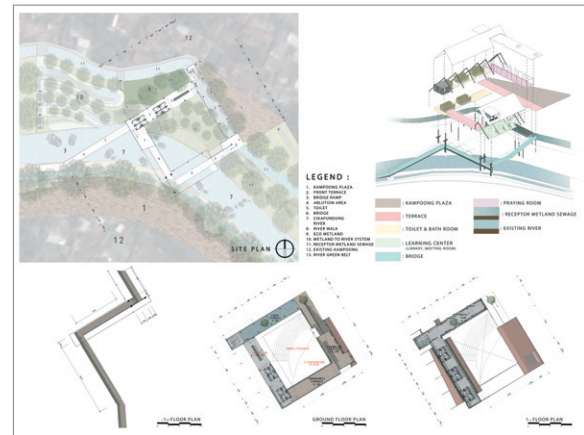


Image 8: Site plan and project plan.

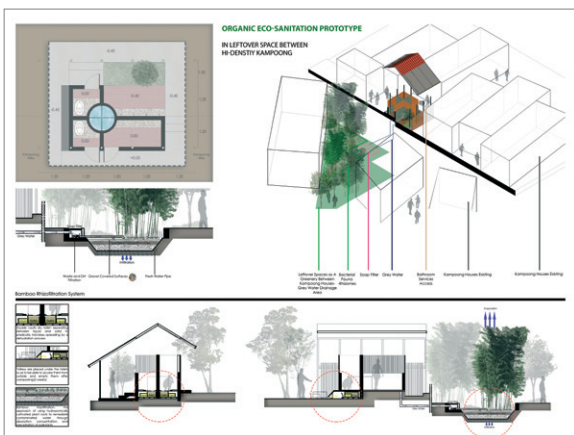


Image 9: Eco-sanitation detail.



Image 10: Working progress and development plan.