

Post-Tsunami Village Reconstruction

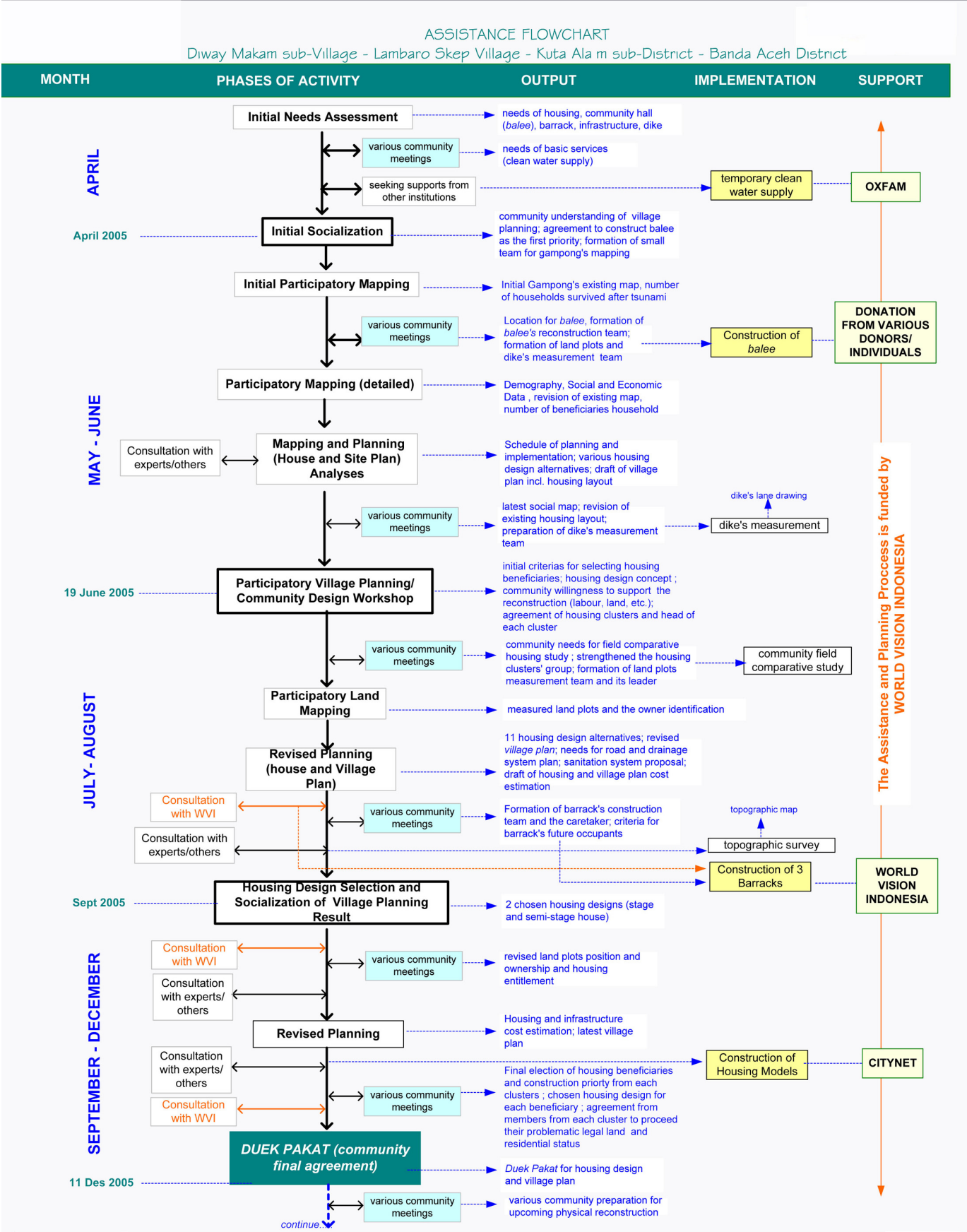
Dusun Diwai Makam Village, Desa Lambaro Skep
Banda Aceh, Indonesia

Architects	Endy Subijono, Wicaksono Sarosa & Re:act Team Indonesia, Indonesia
Clients	Dusun Diwai Makai Community Banda Aceh, Indonesia
Commission	2005
Design	2005
Construction	2006
Occupancy	2006
Site	470,000 m²
Ground floor	36 m²
Total floor	5,400 m²
Costs	70,000 USD

Programme This project saw a group of concerned construction professionals working with a community to involve and enable them in rebuilding their village. Nine months of preconstruction assistance mobilised the villagers in mapping their land, agreeing housing clusters and eligible benefactors, assessing design alternatives and ultimately formulating a new Village Plan. The first building was appropriately the community centre, followed by 150 housing units, three barracks, a secondary dike and infrastructure. These were all undertaken by the construction committee that again comprised local people, including some women for the first time. The community is not only more independent, it now recognises consensus as the means to resolve problems.

Participatory Village Reconstruction
Post Tsunami Project in Dusun Diwai Makam
Banda Aceh, INDONESIA

3800.IDA





This community land-plots mapping is aimed to re-identify the margins of each land plots which were vanished due the tsunami. The community (in groups) were actively involved to measure, take records, and make sketches of their own land-plots. The results of the mapping then were given to the chief of the village—or known as *Geucik*—as a measured and formally accepted document



This activity is essential in rebuilding the village (*gampong/dusun*). The community was involved in recognizing their own problems (including those they might be facing during the reconstruction process), establishing housing clusters, as well as formulating a spatial plan for rebuilding their village in a much better quality.



The community involvement is a key element of participatory process, for example in selecting the housing design. Re:act conducted series of community workshops and gives technical assistance and suggestions about advantage and disadvantage of each design. As the result, the community then decided two most desirable designs for their future houses.

Community-Based Reconstruction Process



The community built their *Balee* (Community Centre) in a very mutual cooperation. This action was act as a 'statement' of a initial mutual collaboration between re:act and the community in Rebuilding Dusun Diwai Makam.



A field survey to other locations where housing development had been constructed was carried out to give insights about various alternatives of housing type, design, construction to the community.



Measurement of Dike's Paths with Community

July 2005



To protect Diwai Makam area from high tides as well to rehabilitate the fishponds, a dike reconstruction is needed. The measurement of old paths of the dike then carries out with the community as sources of information who knows the area well.

Participatory Village Reconstruction Post Tsunami Project in Dusun Diwai Makam

Banda Aceh, INDONESIA

3800.IDA

recent conditions
(2009)

