

Regeneration study on Bloemkoolwijken >>>



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project
study on '70 - '80 neighbourhoods

location
Kronenburg Arnhem
Peelo Assen
Holy-Noord Vlaardingen

designers
Jonas Strous
Ronald Bron
Stephan Sliepenbeek
Pascal Hennebergue
Rob Brink
Margot Dziukala
Floris Grondman

partners
M3H architecten
GIDZ

client
Stimuleringsfonds voor Architectuur
BNA onderzoek, Provinces of Drenthe & Gelderland, Municipalities of Arnhem & Assen & Vlaardingen, Corporation Vivare

size
37 ha, 132 ha & 204 ha

year of design
2010 - 2011

In 2010-2011, HOSPER, M3H architects and GIDZ initiated a study on the scope for transformation of 'bloemkoolwijken' dating from the 1970s and 1980s. 'Bloemkoolwijk' (cauliflower neighbourhood) is a term used by Dutch town planners to denote developments that were popular in the 1970s and 1980s, with a 'tree' or 'cauliflower' structure characterised by a maze-like grouping of little courtyards or cul-de-sacs intended to reduce through traffic and enhance intimacy. Focusing on three specific 'bloemkoolwijken' (Peelo in Assen, Kronenburg in Arnhem and Holy-Noord in Vlaardingen), HOSPER, M3H architects and GIDZ inventoried possible ways of preparing such neighbourhoods for a sustainable future. To this end, they looked for strategies for an organic approach to the upgrading of the liveability, vitality and quality of the neighbourhoods with the aid of local initiatives and renewal resources.



Focus on spatial structure

A design study was used to explore which components of the spatial structure lent themselves best to improvement. Three representative scenarios were used to depict the kind of results that could be achieved. The tangible and inspiring representation of these improvement scenarios make this study highly interesting to municipalities, federations of neighbourhood associations and designers.

End-products

Part 1 (Vision and Toolbox) gives a clear overview of the various possible approaches to the transformation of the neighbourhoods in question, at various scale levels, together with a number of remarks about the procedures to be followed and sustainability considerations. The various operations presented in Part 1 were applied in a cyclic design process to the three above-mentioned locations. This resulted in a number of typical outcomes which are sketched for each of the three locations in Part 2. These outcomes are based on the problems and opportunities facing the three locations in questions, which are explained in the appendix to Part 2 (Analysis). At the same time, these outcomes provided a basis for refining the approaches proposed in the Vision and Toolbox.

Co-financing

The project was an initiative of the three participating bureaus, and received financial support from the Stimuleringsfonds voor Architectuur, BNA Onderzoek (the research arm of the Federation of Dutch architects), the provincial authorities of Drenthe and Gelderland, the municipalities of Assen, Arnhem and Vlaardingen, and housing association Vivare.



strengthening relationship with surroundings



infrastructure as business card for neighbourhood



scenario Kronenburg



scenario Peelo



scenario Holy-Noord



creating continuous connecting lines



differentiating green structures



programming the neighborhood park



improving the neighbourhood entrance and the green and blue network by pruning of the plants at the entrance, adding additional functions and staging of vistas



improving the neighbourhood entrance by making the neighbourhood more visible and emphasizing that it is a special place by unique trees, furnishing and design



continuation of bicycle paths and water structures and opening up of closed building blocks in crucial places in the neighbourhood



improving the Hart of the neighbourhood by creating a central green with commercial facilities and a village like character to strengthen the existing relaxed identity



improving the public space in urban 'Bloemkoolwijken' by replacing paving with trees and grass, reducing car traffic and adding life to the plinths