

## **KADK Projects at the 2016 Venice Architecture Biennale**

### **Hunstad – A Village with Social Interdependency**

How can we build a sense of community and interdependence in a small village? 'Hunstad', devised by Associate Professor Christina Capetillo and Professor Anders Abraham of KADK, is a project proposal for a small village in Småland in southern Sweden. This little town consists of 17 houses. They are all different, but conceived on the basis of the same principles, which relate to each other in terms of shape. All the houses have a 'programme', which contributes to the village and creates a sense of community. This could be a bicycle shop, a collection made up of things from former residents or a regular, daily musical event at a house in the village. The project involves the invention of an alternative building code, challenging people to think in terms of relationships and interdependency rather than form. In principle, this could be used anywhere. Most recently, they have applied the format in a village in China.

Read more here: [http://andersabraham.com/?page\\_id=43](http://andersabraham.com/?page_id=43)

### **Architecture that Stimulates our Senses – The Rosenborg Castle Gardens: Theatrum Mundi; & the University of Copenhagen Botanical Gardens: The Natural History Museum of Denmark**

Associate Professor, Nicolai Bo Andersen has set out to challenge the loneliness, alienation and lack of sense of belonging in today's world by creating architecture that stimulates our senses. This excellent idea involves creating architecture based on good materials and simple principles, paving the way for a major experience of texture, space and place and reducing the feeling of loneliness. He creates a sensuous experience of the world that invites people to take part – even socially. He does this in two projects: a pavilion for the Rosenborg Castle Gardens, 'Theatrum Mundi'; and a proposal for the new Natural History Museum of Denmark in the University of Copenhagen Botanical Gardens in Copenhagen.

Read more here: <http://www.nicolaibo.dk/projekter.html>

### **Casa Melhoradas – Sustainable Architecture in the Slums**

Associate Professor, Jørgen Eskemose and Research Assistant, Johan Mottelson (also from KADK) have looked at the rapid urbanisation of Africa, with special emphasis on Maputo in Mozambique. The slum areas are subject to rapid construction, but generally without the support of professional architectural expertise or an overall plan. The exhibition displays a house they have built, which uses locally fabricated materials, and relates to the architectural style and scale of the surrounding area. However, it mainly illustrates how building a tall building can save space in densely populated areas. It is a unique project, which has created lively debate in international architectural circles.

Read more here: <http://casasmelhoradas.com/>

### **Architecture in a Battle against Nature - The Hayan House Project; & Healthy Homes: Magoda**

Jakob Knudsen, who is director of the KADK graduate programme, Architecture and Extreme Environments, is presenting two projects. In the 'Hayan House Project' he has designed a house, which offers protection from the typhoons and earthquakes that plague the country. The construction principle mirrors that of Alejandro Aravena: building basic frameworks to prevent the house from collapsing, on which the residents themselves can build further. In 'Healthy Homes: Magoda' he worked together with a tropical doctor to investigate how to build houses in Tanzania that would reduce incidences of the malaria, which is so widespread. He constructed eight houses using special materials and construction methods. They are now being tested to see how they function in terms of climate and the number of mosquitoes that get into the building.

<http://ingvartsen.dk/haiyan-hus/> <http://ingvartsen.dk/healthy-homes-magoda/pk3ht2lcsowmd8fnjna17qhc0intk2>

### **Green Public Spaces for Healthy Cyclists - Public Air – Copenhagen**

In Copenhagen, bicycle transport is closely associated with our concept of 'the good life'. But cycling often involves streets and public spaces, where air pollution exceeds harmful levels. In this project Frans Drewniak (Head of Programme at KADK) and the Swiss architect, Philippe Rahm have come up with ideas for Copenhagen's plans for a new, green cycling infrastructure: the Green Bike Network. The goal is to create effective architectural streetscapes adjacent to the green bike routes with a high level of comfort and experiential value. They will make an impact on the climate for cyclists and pedestrians, and minimise air and noise pollution with the use of new materials in façades and cladding to capture contaminating particles. That means a new street will offer the comfort and quality of life we usually associate with private spaces, while recreational opportunities can flourish and displace noise and pollution.

<http://fransdrewniak.wix.com/bauen#!public-air/c16wr>