

# **ENGLISH RESUME**

## **FREMTIDENS GÅRDHAVE VED TOMSGÅRDSVEJ**

A demonstration project - a climate adapted courtyard

### **Background**

Fremitidens Gårdhave ved Tomsgårdsvej is one of the "future courtyards", which is a series of demonstration projects initiated to uncover the climate adaption potential of the many courtyards of Copenhagen. The project aims to develop green and recreative rainwater solutions, that are both functional and aesthetic and specially suited for courtyards. The courtyard at A/B Storgården has been selected because of its proximity to Hovmestervej, which will be transformed to a floodway passage in the near future.

The project proposal has been created by architects and engineers SLA and Niras, in partnership with both the City of Copenhagen and Hofor. The project proposal has been developed in close collaboration with The Technical and Environmental Administration and the residents of A/B Storgården through a number of workshops and meetings. The participants have actively affected and influenced the design and look of the project proposal and the reduction of parking lots to totally 14 parking lots at Frederiksborgvej.

### **Design of the new courtyard**

Throughout the courtyard a rammed earth wall will be constructed to divide the into 3 distinct areas:

Promenaden og Oplevelsesstien, Lunden and Engen.

### **Promenaden og oplevelsesstien**

Promenaden is the existing area along the building. The current passageway is kept, and is expanded upon in certain areas to function as spaces for recreation, bicycle parking and washing and clothes drying. In either end of Promenaden, sheds for waste sorting are constructed. The existing trees are kept and more light trees will be planted. Entry to Promenaden from Lunden or Engen is along two main 'ease of access' pathways, 3 shortcuts and a 450-meter-long 'adventurepath', which winds its way though the entire courtyard.

### **Lunden**

Lunden is the eastern part of the courtyard. As a natural extension of the dense and wild vegetation towards the school, a small stemmed forest will be established to guard the courtyard visually from Frederiksborgvej. This will transform the space into a shady area for play and recreation. A nature themed play area will be constructed along with climbing nets in the trees.

### **Engen**

Engen is the western part of the courtyard, where the open character and low vegetation will be reinforced. This is the most quiet and sunny part of the courtyard. By adding in the sound of running water and windy grasses, the feeling of a green oasis will be strengthened. A series of smaller spaces for relaxation and socializing will be established, and a common bench will be constructed along the rammed earth wall in Engrotunden.

### **Orangeri and skovhave**

The social center of the courtyard is a 50 m<sup>2</sup> greenhouse. The greenhouse is placed in the sunny and southwest corner of Engen, with an adjoining forest garden producing nuts and trees. Reclaimed windows from the main building and bricks from the old retaining walls will be used to construct the greenhouse. A fenced in dog area will also be established.

### **Economi**

The project will be financed by City of Copenhagen and Hofor. AB Storgården will i.e. pay for greenhouse. AB Storgården decide the level of the future maintenance which they will pay for.