

PROGRAMME

International Knowledge Day #6

FRIDAY JUNE 4TH

Rotterdamse Dakendagen

air



 Rotterdam Architecture Month

09:30 - 12:00

Rooftop farmer meet up

Organised with the Dakakker

12:30 - 13:30

Workshops

14:00 - 16:30

TOP^

Summit about a sustainable layered city, organised with Architecture Institute Rotterdam

FRIDAY JUNE 4TH, 09:30 - 16:30

International Knowledge Day

Welcome to our annual International Knowledge Day, a three-part in-depth programme for professionals and other rooftop enthusiasts. It consists of

09:30 - 12:00

Rooftop Farmers' Meet-up

(in cooperation with DakAkker)

12:30 - 13:30

Interactive lunch workshops

14:00 - 16:30

TOP^ summit about the sustainable layered city

(in cooperation with Architecture Institute Rotterdam)

The Knowledge Day will be in English, online and presented live from Rotterdam. Partly from a rooftop and partly from a parking garage, which is the main location of Rotterdam Architecture Month.

We don't expect you to attend the whole day.

We hope you'll experience it as a festival from which you pick the parts which are most interesting to you. With this PDF you have the links to the different talks of the day for you to choose from and join us in our knowledge exchange about rooftop usage. Because we think there's a lot to be discovered.

09:30

Rooftop Farmers Meet-up

The Rooftop Farmers Meet-up is the first part of our international Knowledge Day 2021, organised together with Dakakker. This innovative initiative on top of Schieblock in Rotterdam, has been the shining star of many publications about rooftops in Rotterdam for years. Besides the Dakakker, there are many more rooftop farmers in Europe and further abroad. By bringing them together this morning, we aim to exchange existing knowledge and inspire anyone with ambitions in rooftop farming. Read the detailed programme of the meet-up below.

09:30 Welcome

Short welcome to the participants of the Knowledge Day, by Léon van Geest, director of Rotterdamse Dakendagen

09:35 Introduction

Introduction by Renée Rooijmans, host of the morning. Renée takes us through the morning and will introduce Wouter Bauman and Emile van Rinsum of the Dakakker.

09:45 - Rooftop Farm Stories

Get inspired by a series of short Rooftop Farm Stories of these international speakers:

Wouter Bauman - Dakakker, Rotterdam, The Netherlands

The transition of our food system is taking shape in the layered city as well as on rooftops. Co-organiser DakAkker has been running a 1000m² rooftop farm on top of the Schieblock building in Rotterdam since 2014. Vegetables, edible flowers and fruits are grown there and bees are kept. DakAkker is the largest open-air rooftop farm in the Netherlands and one of the largest in Europe, and also has an important educational function.

Sabien Windels - ROOF FOOD, Ghent, Belgium

ROOF FOOD is a herbs, fruits and vegetable rooftop farm based on a middle sized rooftop in Ghent. It previously provided restaurants of products, and recently, it turned into the first community rooftop garden in Belgium.

Emanuela Saporito - Orti Alti, Torino, Italy

Orti Alti is a women-led organization transforming unused rooftops in Torino into green spaces of relationship and aggregation where citizens can share food and time.

Carly Brand - ØsterGro, Copenhagen, Denmark

ØsterGro is a 600m² green breathing space for the whole city that contributes to the transition of the food system by providing all things edible to citizens of Copenhagen through harvest and in the restaurant Gro Spiseri.

Brian McCarthy, Cork Rooftop Farm, Cork, Ireland

Cork Rooftop Farm grew from an idea in lockdown into a passion project on the roof of a business that had to close down due to Covid-19. A rooftop farm that now provides people in Cork City vegetables, leafy greens and herbs.

Bram Stessels, PAKT, Antwerp, Belgium

PAKT is a rooftop farm on top of a couple old warehouses that started in 2017 with around hundred farmers from the neighborhood and now sells their local high grown food in all of Antwerp.

Steven Beckers, BIGH farms, Brussels, Belgium

BIGH farms their produce on the large rooftop of a market hall in the heart of Brussels and goes beyond growing on soil with their aquaponic system where fish and plants of all sorts form a new ecosystem.

Mirjam Slob - Rooftop Rumour, Tilburg, The Netherlands

Will Rooftop Rumour be the first of many rooftop farms in Tilburg? In search for the right rooftop where their manifest can land and grow a movement that connects agriculture and nature with the urban landscape.

11:00 Farmers Knowledge

Most rooftop farmers possess valuable knowledge worthy to exchange about growing food in cities and bringing nature to urban environments, which is often one of their main goals. But this is mostly knowledge on a local scale. In this session, we aim to extend our knowledge and learn on a European level. From each other, or to use it as a source of information for aspiring rooftop farmers. What can be interesting topics? And how can we facilitate that knowledge exchange in the future? These are questions that will be discussed during this session.

11:30 Rooftop Hero award ceremony

The Rooftop Hero is our annual prize that rewards a remarkable rooftop related achievement or initiative of the past year.

12:30 - 13:30

Interactive lunch workshops

As every year there are informal meetings about different rooftop subjects. You can join the one that fits your interests. There are always more than one experts, who'll have a discussion on the subject, and you are invited to join the conversation, or just listen. Bring your own lunch!

Lunchworkshop 1

Alternative use of rooftops

Dialogue with Sanne van Manen (MVRDV) and Sebastiaan van Kints / Laurens van der Wal (Dakdorpen)

In this dynamic dialogue, your imagination is stimulated about what the future of roofs can look like. Sanne van Manen, author of de Dakencatalogus (the Roof Catalogue) and Sebastiaan van Kint, initiator of Dakdorpen (Roof Villages) will discuss the underutilized potential but moreover the bright future of the use of roofs.

Lunchworkshop 2

Biodiversity on rooftops

A conversation with Koos Biesmeijer (Naturalis/ University of Leiden)

Join this conversation with professor Koos Biesmeijer about the way natural capital can be embedded in and most successfully be executed on rooftops. Biodiversity is key to form a rich and green ecosystem in the urban environment, therefore Koos will take you on a deepdive into the world of the birds and the bees.

Lunchworkshop 3

Rooftops as a new layer in education

Discussion with Clara Chrzanowski (Hogeschool van Rotterdam) and fellow educators

As we see an increase of activity on rooftops in the city, it's time to introduce the multifunctional rooftop into educational programs. A group of teachers and professors that already teach about this topic will gladly share their experience and discuss the future of rooftops in the educational system with you.

Lunchworkshop 4

Changing food systems in the layered city

Dialogue with Paul de Graaf (Cooperatie Ondergrond) & Sabien Windels (ROOF FOOD)

City dwellers are looking for innovative ways to create a more local food chain on all levels, from direct the soil on ground level to the soil on rooftops. In this dialogue Paul de Graaf (Cooperatie Ondergrond) and Sabien Windels (ROOF FOOD) will explore the places for food in the city and how we need to connect all the levels to create an edible urban landscape.

Lunchworkshop 5

How to get your own rooftop activated

A practical consultation on How To Get Your Own Rooftop Activated with Pamela Logjes and Anne Molenaar (Rooftop Revolution) and several rooftop-terrace-owners

What better way to learn how to use roofs, then from the ultimate roofing-pioneers? Guided by rooftop coach Pamela Logjes (Rooftop Revolution) and rooftop-owners with all the practical experience you get to know all the steps that are needed to have a lovely summer on your own green rooftop oasis and meet your neighbors on a whole other level.

Lunchworkshop 6

Practical guidelines for the use of rooftops

Triologue with Steven Manhave (Manhave), Maurice Hermens (RHDHV) and Paul van Roosmalen (Municipality of Rotterdam)

When we want to make more use of the rooftop landscape, new practical guidelines are needed. What are the limitations in the current situation in The Netherlands? Which existing structures, in planning, policy, construction and ownership need to be changed or developed to realize the new initiatives on rooftops. In this triologue, the perspective of the consultant, the developer and the municipality are represented. Please join to add your perspective to this discussion.

more workshops



12:30 - 13:30

Interactive lunch workshops

Lunchworkshop 7

Rooftop Farmers & Bees

A buzzing conversation with rooftop beekeepers Wouter Bauman (DakAkker) and Raymond van den Broek (Region Lab)

Long before humans reached the top layer of the city, bees have been exploring and using rooftops to travel through the city. Why are rooftops a good place for bees and how can we improve them to facilitate these important pollinators even better? Explore these questions and more practical bee-stuff with actual rooftop beekeepers and get inspired to become one yourself!

Lunchworkshop 8

Rooftop Farmers & Restaurants

A gathering around the kitchen table with Dennis de Waart (DakKas), Valerie Kuster (Op 't Dak) and Carly Brand (ØsterGRO)

Together with several rooftop pioneers that serve food on their roof you can dream about your own rooftop bar or have a real conversation about the policy and regulations concerning hospitality on rooftops, will you be opening a bar on your rooftop?

Lunchworkshop 9

Rooftop Farmers & roofs as a place for education

A conversation about rooftops as a classroom with Emile van Rinsum (DakAkker)

Rooftop farms are bringing a lot of knowledge to the center of cities, creating spaces to learn about how food grows, what nature looks like and how architecture can have transcendent importance beyond housing people. Rooftop farmers will share their favorite questions from visiting school kids while you can get involved in the conversation about the future of rooftops as a place for education.

Lunchworkshop 10

Roof valuation tool

A discussion with Douwe Fischer (Arcadis), Martin van Lent (Municipality of Rotterdam, de Doelen) and Gerk van der Wal (Het Nieuwe Instituut/ the new institute) and Marcel Pleijte (Wageningen University & Research)

This workshop is an open conversation about the new tool as designed by Arcadis; the Roof Valuation Tool, which calculates the financial, ecological and social value of roofs. In the designs for De Doelen (concert hall Rotterdam) and Het Nieuwe Instituut (The New Institute) this tool has been used to realize the optimal solution for the design of their roofs. Douwe Fischer, designers of the tool, will discuss the use and benefits of the tool for the final design at De Doelen, with Martin van Lent and Het Nieuwe Instituut, with Gerk van der Wal. Marcel Pleijte is present as researcher of the Roof Valuation Tool.

Lunchworkshop 11

Rooftop Farmers & Farming Technique

A technical exchange between green rooftop expert Rob Luyk (Binder) and future rooftop farmer Mirjam Slob (Rooftop Rumour)

Rooftop farms may look a lot like 'ground' farms, but we shouldn't underestimate the technique hidden underneath the flowers and the greens. How do you best replicate the qualities of soil on a rooftop to turn them into lively spaces? Soon to be rooftop farmer Mirjam will consult Rob about all the details, so you can learn about the technical side of a rooftop farm.

Lunchworkshop 12

Dreams for nightlife on rooftops

A discussion with Rodney Kastelan and Bonne de Roos (both from de Rotterdamse Dromers / The Rotterdam Dreamers) and Claire Hall (Urban Scale Interventions)

Join this workshop with Rodney and Bonne from the Rotterdam Dreamers. They will discuss some idealistic utopian ideas about nightlife on rooftops. Dream about the potential of bringing nightlife back to Rotterdam; and where else then on rooftops, because why should we limit the locations of our raves to the basements in a high rise city like Rotterdam. Join this inspiring dream-brainstorm.



[more workshops](#)

14:00

TOP^ a summit on developing the layered city

Cities will grow in terms of population, while space is scarce. How do we organize, design and use the limited space in a qualitative, sustainable and inclusive way? What innovations are needed - from rooftop to ground level - to exploit the potential?

In March and April a series of four online expert meetings took place to explore this broad subject. During the TOP^ we will take it a step further. Together with international peers we will exchange knowledge and work on a manifesto: a call to action and a set of strategic tools and principles to move forward. Winy Maas will open the TOP^ with his vision. In a parallel series of four dialogues and eight presentations we will reflect, elaborate and add on this vision, resulting in the TOP^ manifesto.

14.00 Opening

with **Sophie Stravens**, host of the afternoon

Opening guests are Barbara Luns, director of AIR, Architecture Institute Rotterdam and Léon van Geest, director of the Rotterdamse Dakendagen

14:10 Opening manifesto by Winy Maas

Winy Maas (MVRDV) will open the TOP^ with his vision on densification of the city as a start of the manifesto. Space is scarce, while there is plenty of space in the air. What is needed to make better use of this 'new' space in the city? During the dialogues, and with the presentations in the coming two hours Rotterdam professionals and international colleagues will reflect, elaborate and add on this vision.

Parallel 1: International Dialogues (from a parking garage 5 stories under the ground)

14.15 Urban Strategies and Policy of Hamburg & Rotterdam

Mattijs van Ruijven (head Urban Planning,
Municipality of Rotterdam)

Tobias Goevert (director Regional & Urban
Development, Freie Und Hansestadt Hamburg)

Mattijs van Ruijven (head Urban Planning, Municipality of Rotterdam) and Tobias Goevert (director Regional & Urban Development, Freie Und Hansestadt Hamburg) will explore and define the densification of the city. What are the urban design strategies of both Hamburg and Rotterdam? What urban planning instruments do they use? What are the possibilities to activate or build on rooftop surfaces? What can they learn from each other?

Parallel 2: Presentations (from a rooftop 7 stories high)

The parallel 2 sessions will be hosted by **Bas Mastboom** on top of the Groot Handelsgebouw

14:15 Rooftop catalogue

Sanne van Manen (MVRDV)

Thursday June 3rd, the 'rooftop catalogue' of MVRDV is launched. It gives a comprehensive overview of the possibilities of the rooftop landscape. Sanne van Manen will give a short explanation, a preview of the content and how to use the catalogue.

14:30 PARK'N'PLAY

Jakob Steen Christensen (JAJA Architects)

Konditaget Lüders aka. "PARK'N'PLAY" is a hybrid structure between a parking house and a playground located on the rooftop, 24 meter above ground level. It rethinks the monofunctional parking house and transforms what is often an infrastructural necessity into a public amenity.

14:45

TOP[^] a summit on developing the layered city

Parallel 1: International Dialogues

14.45 From railroad to park | Hofbogenpark & High Line Park

Dirk van Peijpe (De Urbanisten, head designer of Hofbogenpark, Rotterdam)

Robert Hammond (co-founder and executive director of Friends of the High Line - High Line Park, New York City)

How to transform a former railroad in the middle of the city to an attractive park for all citizens? Dirk van Peijpe, designer of Rotterdam's Hofbogenpark will go into conversation with Robert Hammond, co-founder and executive director of Friends of the High Line (New York City). What are the similarities and differences between Rotterdam's Hofbogenpark and the famous High Line Park in New York City? How do you deal with ownership and how do you involve local residents in such a development, in the middle of the city? Both successes and risks will be discussed.

15:15 The possibilities of Air rights

Erwin Heurkens (TU Delft, assistant professor in Urban Development Management)

Stefan AI (architect, urban designer and founder of Stefan AI Architects, New York City)

Can we find win-win opportunities, to obtain public buy-in for building on rooftops in exchange for better developments at the public scale? This is already an established standard in New York City. Erwin Heurkens (TU Delft) and New York based architect and urban designer Stefan AI will discuss the possibilities and limitations of Air Rights as an instrument for the developments of Rotterdam rooftops.

Parallel 2: Presentations

14:45 Urban area development for long-term viability

Irma van Oort (KCAP)

Irma van Oort, partner of KCAP, will elaborate upon qualitative, inclusive and sustainable urban area development for long-term viability of the layered city. KCAP is a leading international design firm - known for the development of sustainable urban living environments, with buildings and public spaces that enliven and renew the city.

15.00 Roof valuation tool / Launch

Douwe Fischer (Arcadis) & Marloes Gout (Municipality of Rotterdam)

The official launch of a new tool! Arcadis, together with the municipality of Rotterdam developed a tool that calculates the financial, ecological and social value of rooftops. It has already been used for the development of the rooftop of De Doelen. How does it work and who can use it? Come and see.

15:15 Tree House, high rise in wood

Kristian Koreman (ZUS)

How to build high rise in a sustainable way? A 140m tall tower will rise next to Central Station Rotterdam; 'Tree House' is inspired by the ecosystem of a tree. The largely wooden building functions as a CO2 collector. How does this project set an example and what lessons can be learned for future sustainable development?

15:30 The Muse / CasaNova

Caro van de Venne (Barcode Architects)

How can we shape the skyline of the city, on multiple layers? CasaNova and The Muse are two residential high rise buildings within the city centre of Rotterdam that are designed in symbiosis with each other. The two towers share a 1.600 square meter lush green fifth-level roof garden, where residents can meet, share a drink and enjoy the view. Together, the coupled towers offer an urban living experience with both privacy and spaces for socialization. The sculptural silhouette of The Muse and the triangular shape of CasaNova are a refreshingly new addition to Rotterdam's cityscape.

15:45

TOP[^] a summit on developing the layered city

Parallel 1: International Dialogues

15.45 Architectural innovation

Winy Maas (MVRDV)

Eran Chen (ODA)

Eran Chen (ODA) and Winy Maas (MVRDV) are both visionary architects aiming for architectural innovation, fresh typologies and spatial renewings. Eran Chen recently wrote "Unboxing NY" about the way New York City has built up in new layers over the past 10 years. Winy Maas published the MVRDV "rooftop catalogus" on how to make better use of the rooftop landscape. Together they will talk about their experiences in and vision on crafting an intelligent, inclusive and sustainable layered city.



Parallel 2: Presentations

15.45 Naturvation

Helen Toxopeus (Erasmus University Rotterdam)

Helen Toxopeus (Erasmus University Rotterdam) will elaborate on her work on the EU project "NATURVATION". She analyses financing and business models of ecological urban innovation ("nature-based urban innovation").

Stapelen van verschillende waarden van verschillende stakeholders - groen dak = meer dingen voor verschillende mensen. Stadsnatuur voorbeelden om geldstromen te bundelen. Ongebruikte ruimte die waarde toe kan voegen die niet concurreert met ruimte op het maaiveld?

16:00 Porte des Ternes, Paris 2022

Jacques Ferrier (Ferrier Marchetti Studio)

This Paris project offers a unique opportunity to transform the Metropolis at a dense and highly functional urban node. It is a new multi-layered, landscaped structure with green roofs connected by bridges, to create an urban farm dedicated to growing the first crop of Parisian tea. Shared Pavilions enable the occupants and of housing and offices to take advantage of this extraordinary garden. With the planted balconies and the landscape-bridge, the system in 3D as a whole plays the role of environmental machine, contributing to the pleasure of living together in a different way in the city.

16:15 Closing statements

With Léon van Geest, Barbara Luns and Winy Maas