

STUDIO
PLACES

portfolio

C.M. DIJKSTRA
MSC

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Studio PLACES is dedicated to creating equitable access to qualitative urban green space for all. Every project aims to make lasting contributions to the field of urban green in actively working towards better, fairer, greener urban environments.

The acronym Plants Landscape Architecture Communication Exploration Storytelling illustrates the wide range of activities developed within Studio PLACES. Plants, landscape architecture, and architecture are the key components in terms of content. Communication, explorations through research and design, and storytelling are the tools used to deliver.

This portfolio includes commissioned work, educational endeavours, and projects from previous employments and collaborations.

*Lotte Dijkstra
May 2022*

TREE AVENUES

STUDIO PLACES

Headlines about citizens protesting against the felling of large numbers of trees along roads are frequent in the Netherlands. Although tree felling is often seen as a solution to increase road safety, trees and roads are inextricably linked. The book *Tree Avenues. On the inextricable relation between trees and roads* addresses the various aspects of this relation: from cultural history, planting schemes, ecology, climatology, and developments in technical tree matters and road safety. The book is a guideline for anyone who wants to understand the broad importance of tree-lined avenues and is a must for everyone who works with them. Multiple scientists, experts and policymakers who deal with tree avenues daily wrote the chapters. The aim is to contribute to the dialogue between the different stakeholders and protect tree-lined avenues. Not rigidly, but with knowledge, insight and creativity. In this time of climatic change, this is more important than ever.



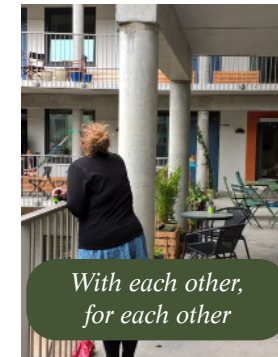
Place The Netherlands
Year 2022 (pending)
Client TU Delft & Dutch Tree Foundation
Type Book
Role Editor, author 'Planting schemes. Designing an experience', co-author 'What is a Tree Avenue?' and 'Tree Avenues in the Netherlands'

TU DELFT STORIES

STUDIO PLACES & TU DELFT



Smart campus usage



With each other, for each other



Innovation needs a place to grow



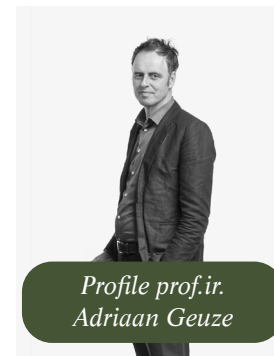
Acoustic control of your environment



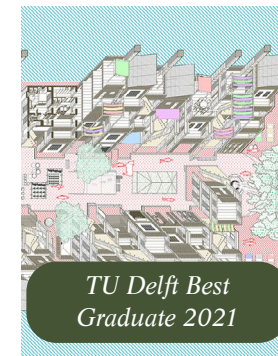
Profile prof.dr. Paul Chan



Water sensitive urban design



Profile prof.ir. Adriaan Geuze



TU Delft Best Graduate 2021

Place tudelft.nl/stories
Year 2018 - 2020;
 2021 - NOW
Client Communication TU Delft
Type Articles (selection)
Role Text production (writing, editing, translating, image selection and editing)

SCHIERMONNIKOOG

STUDIO PLACES



Place Schiermonnikoog | NL
Year 2021
Client Private
Type Framed photos, 4 x 300x210 mm
Role Artist



on each winter day

even wet and cold and grey

happy as a clam

Place Schiermonnikoog | NL
Year 2021
Client Private
Type Framed photo, 300x400 mm
Role Artist

GOOD PEOPLE MAKE GOOD PLACES

STUDIO PLACES



Place NL
 Year 2020 - 2022
 Clients Private
 Type Illustrations, 300x400 mm
 Role Artist

URBAN FRINGE LAB

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Urban fringes; they are not official zones in municipal policies, they are not framed, they have no label. That is precisely what makes them interesting. The frayed edges or crumpled zones of the city offer room for change. Anything can happen in the place where the built environment and the developed landscape meet. And perhaps even more is possible.

The research division of the Association of Dutch Architects and Architecture Centre Amsterdam set up the Urban Fringe Lab, and together with five multidisciplinary design teams and a large group of consultants explored the edges of Amsterdam. The teams designed stimulating visions for five location in Amsterdam North, West, Southwest, South, and Southeast. This publication outlines hopeful future scenarios, which cherish and amplify both the green and the grey. These scenarios are not just hopeful for Amsterdam, but for all cities, villages, and neighbourhoods looking for the golden edge.



Photo by Maarten Nauw (2020)

Place Amsterdam | NL
 Year 2020 - 2021
 Client Architecture Centre Amsterdam;
 Association of Dutch Architects BNA
 Type Book
 Role Editor, author

NORTHERN IRELAND

STUDIO PLACES



Place County Derry,
County Antrim | NI
Year 2020
Client Private
Type Framed photos, 4 x 300x210 mm
Role Artist



URBAN JUNGLES

STUDIO PLACES

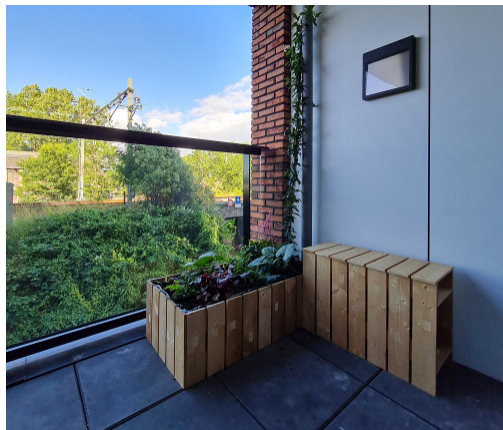
No matter the size of the garden, all outside spaces can be transformed into green places. Studio PLACES supports private clients in co-designing a garden fit for their lifestyle, garden skills, time and budget. The entire process is supported, from initial design idea to plant buying and the actual execution of the reconstruction of the garden.



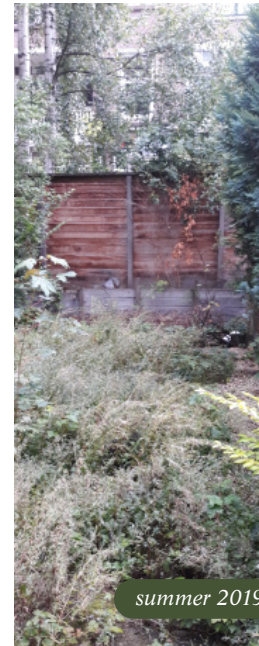
before



after



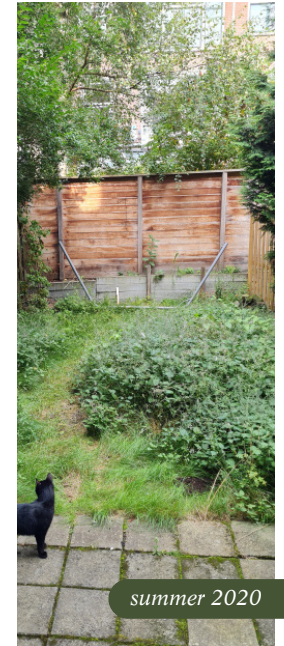
Place Haarlem | NL
Year 2021
Clients Private
Type Design: balcony
Role Designer, management,
purchase and execution



summer 2019



winter 2019

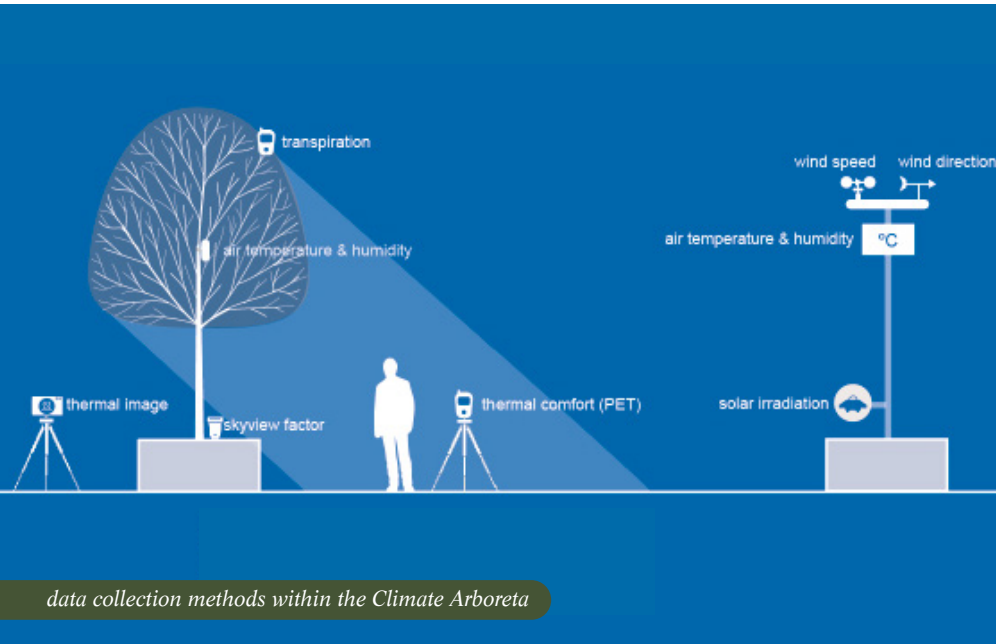


summer 2020



summer 2021

Place Rotterdam | NL
Year 2019 - 2021
Client Private
Type Design: natural garden
Role Designer, management,
purchase and execution



URBAN FORESTRY

DELFT UNIVERSITY OF TECHNOLOGY

Urban greenspace forms an integral part of the urban fabric and its planning, design and management. This importance only increases with cities facing challenges such as climate adaptation, biodiversity loss and the health and well-being of urban communities. In recent decades new paradigms and discourses have emerged to understand, order and act in cities in response to these developments. Approaches such as Urban Forestry can not only help shape sustainable green spaces, but also the resilient composition of neighbourhoods, districts and entire cities.

The programme is a partnership between the section Landscape Architecture at the faculty of Architecture and the Built Environment TU Delft, and the National Association for Greenspace Professionals in the Netherlands (VHG).

Projects

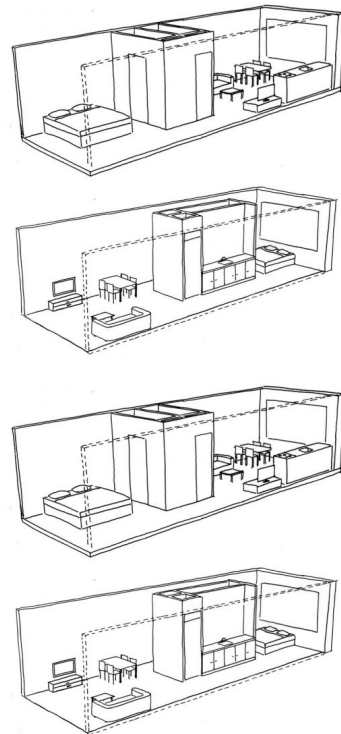
- Urban Climate Arboreta: correlating cooling effect of trees and tree architecture
- iTree 2.0: application of iTree in Dutch practice
- Atlas of the Urban Forest in Delft: tree identity of the city Delft
- Development of research agenda, network, and platform www.urbanforestry.nl



HEILIGE HUISJES

FARO ARCHITECTS

‘Heilige Huisjes’ is an investigation into more intelligent social housing, so-called social housing 2.0. As building costs rise and social rents are capped, the feasibility of developing new social housing is under pressure. How can we deal with this? Can social housing, in particular, be built more cheaply by designing it smaller (and wiser)? This study explores the possibilities based on housing trends and minimum quality requirements, moving beyond traditional approaches. The research results are interesting when assessing the existing housing stock, in which tenants usually occupy small houses. Companies like IKEA respond to this with smart interior solutions. What can we learn from these? And how can housing corporations use the results to transcend their often ‘generic’ housing designs into homes for many different target groups?



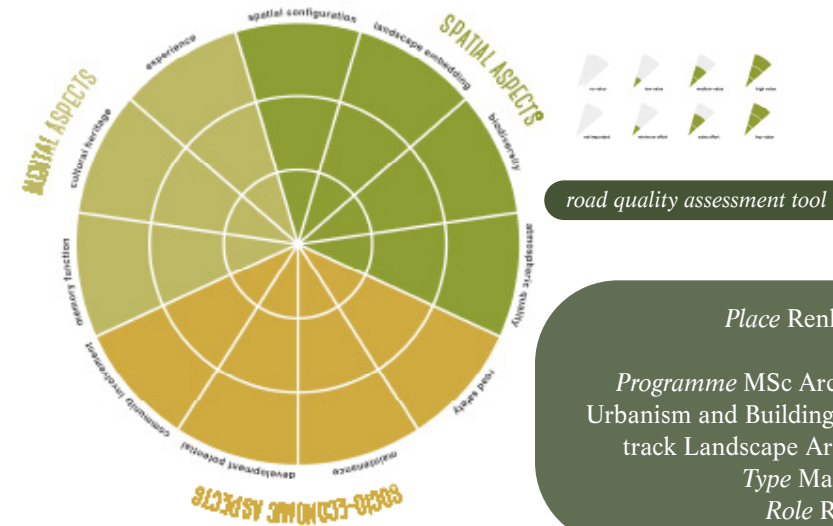
Place The Netherlands
Year 2018
Client Pré Wonen
Type Research-by-design
Role Researcher

GOLDEN GREEN

DELFT UNIVERSITY OF TECHNOLOGY

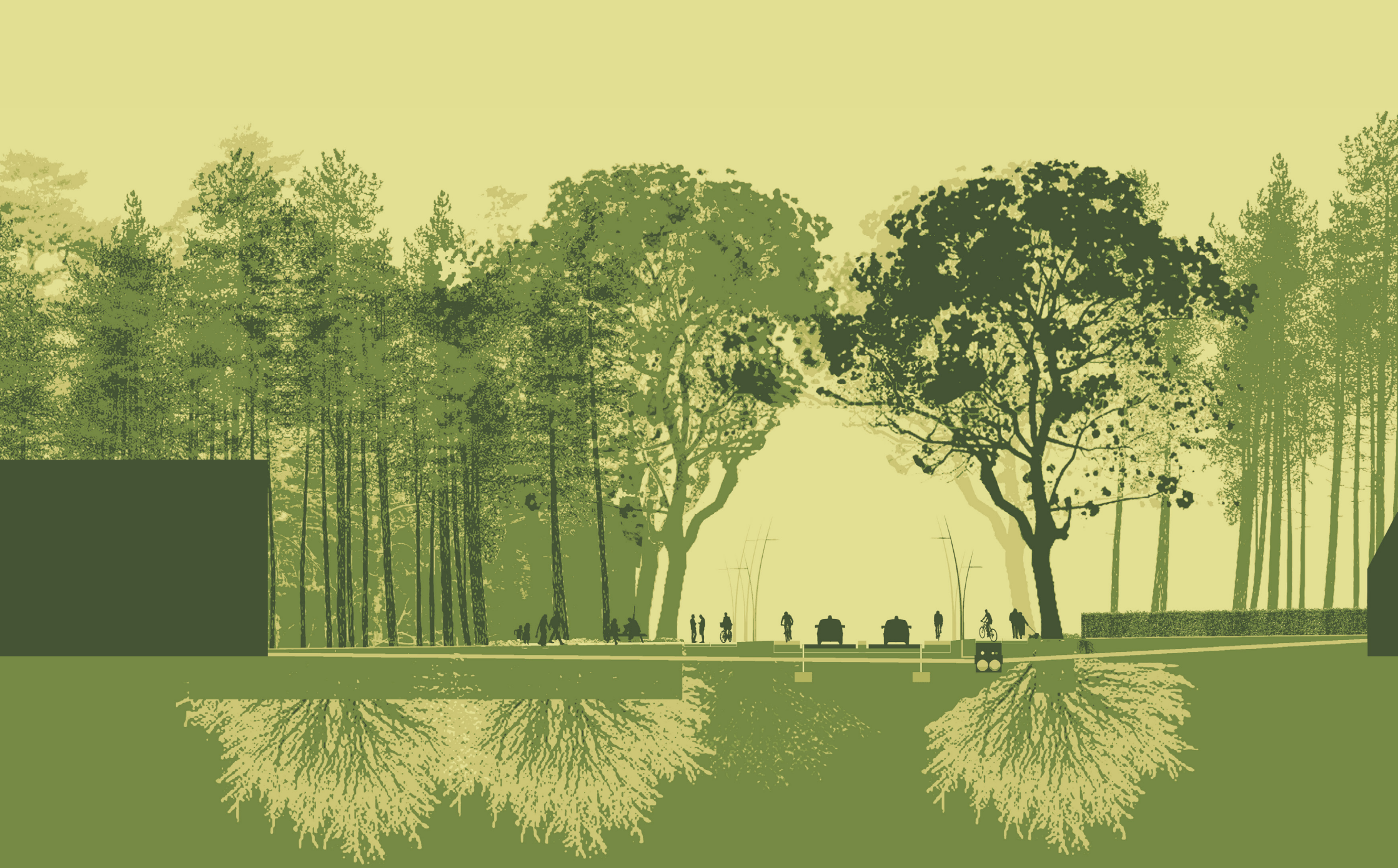
The Utrechtseweg has a long history as a landscape structuring avenue or lane and the central infrastructure between the cities of Utrecht, Arnhem, and Zutphen, and bordering estates. The historic structure came from the continuous lane profile and its embedded qualities. The current road is at risk of losing its landscape structuring function through the now strongly fragmented road profile. At the same time, the Dutch road network demands are changing through the upswing of new forms of mobility and the need for climate change-adaptive designs. What is the future value of such provincial roads? What can we learn from lanes as an example of best-practice road design? How can lane design principles help develop a strategy for integral sustainable road design?

The Golden Green research-by-design focuses on how lane design principles can be used to create an integral sustainable road design strategy. The area of the Utrechtseweg functions as a field laboratory, in which the past and present designs inform the design strategy through the application of a road quality assessment tool. The design proposal aims for a future scenario in which the lost cultural identity is regained, and current issues on safety, speed, and sustainable road design are addressed.

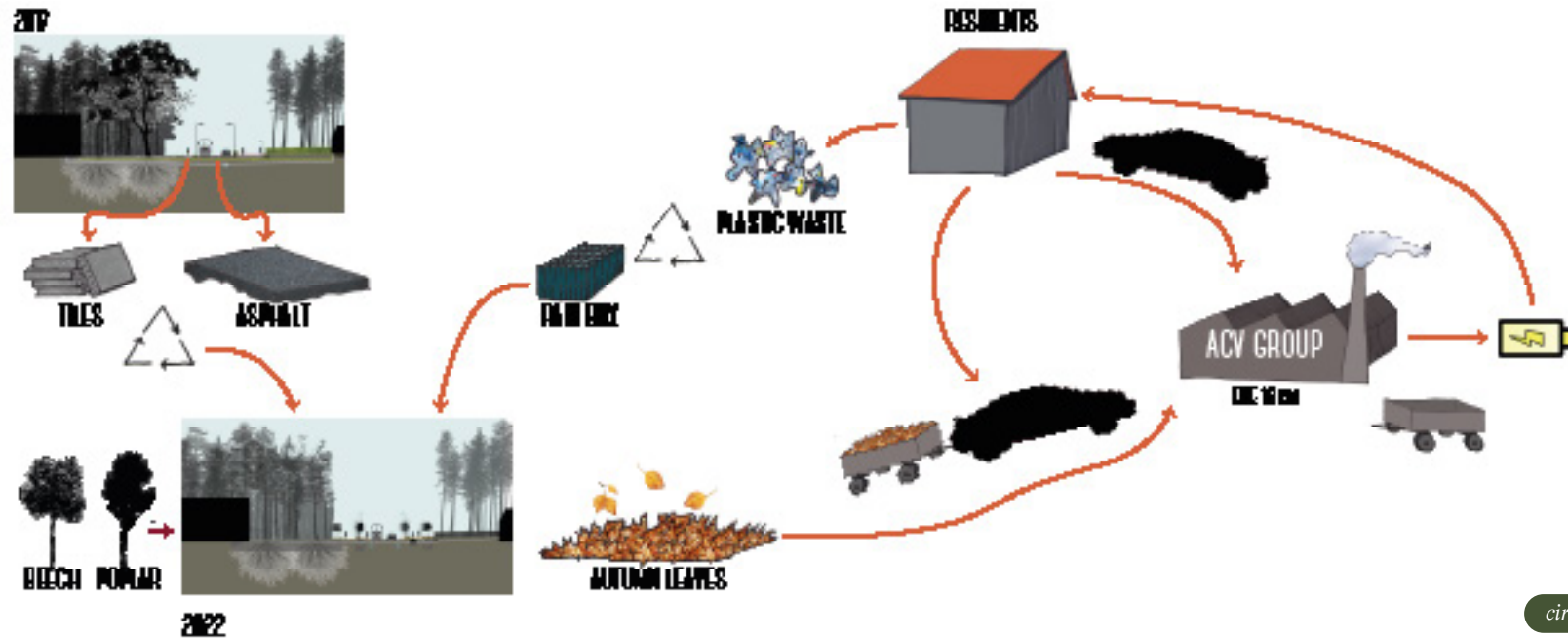


road quality assessment tool

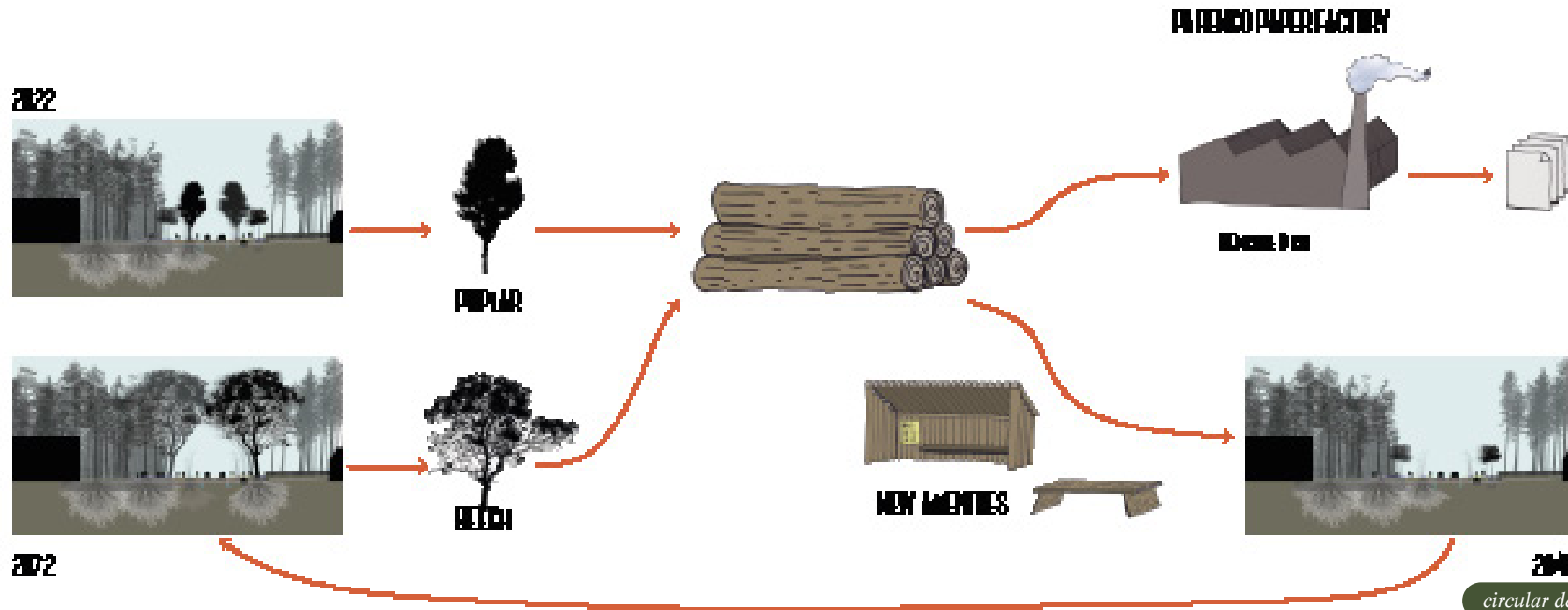
Place Renkum | NL
Year 2017
Programme MSc Architecture,
Urbanism and Building Sciences,
track Landscape Architecture
Type Master thesis
Role Researcher



proposed new road profile in fifty years, with road surface allocated to vehicles based on speed, and a thorough reorganisation of subsoil elements



circular design: short term approach



circular design: long term approach

MEADOW UNDER CONSTRUCTION

OEROL

To attract the public's attention to the present situation of the meadow birds, the Dutch Bird Protection Society cooperated with Oerol and TU Delft to create 'Meadow Under Construction'. Fourteen MSc students from the Delft University of Technology developed and built the land art installation within an interdisciplinary collaboration. The brief: share the stories of the meadow birds and the farmers with the visitors of the 10-day festival. The project reflects on the environment, nature, and the cultural history of the polder. It is about protecting meadow birds, raising awareness, and showing how soil, wind, water, animals, plants, and people together shape the landscape. The project let visitors experience the ongoing debate between agriculture and bird protection from a bird's perspective.



Place Terschelling | NL
Year 2015

Clients Oerol; Dutch Bird Protection Society
Type Land art installation
Role Co-designer in multidisciplinary team,
project management,
project dissemination

• PLANTS • LANDSCAPE • ARCHITECTURE • COMMUNICATION • EXPLORATION • STORYTELLING •

BNIEUWS

DELFT UNIVERSITY OF TECHNOLOGY

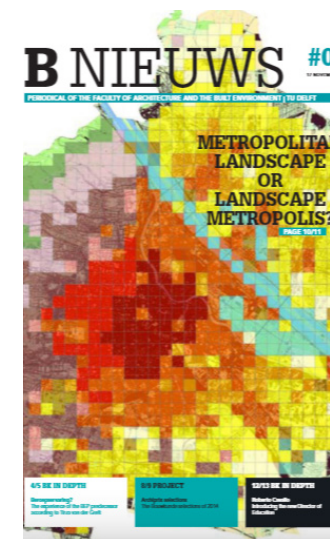
Bnieuws is the independent, student-run platform and monthly periodical of the Faculty of Architecture and the Built Environment of TU Delft. The medium aims to represent the diverse written output, ideation, and dialogue within and at the faculty and its community. Each thematic publication includes critical and explorative contributions, with texts and images often relating to the faculty but always to some aspect of the built environment: landscape, architecture, urbanism, management, or building technology.

2015 re-design

As a platform, Bnieuws is continuously in motion. The old layout reflected the former purpose of sharing news and updates on courses, exam times, and other organisational information. The re-design from scratch aimed to reflect a magazine-style and introduce extended background articles and thematic explorations.

new format >

old format v



Place Delft | NL; online
Year 2014 - 2016
Client Faculty of Architecture
and the Built Environment
Type Monthly publication
Role Co editor-in-chief,
writer, DTP, dissemination

• PLANTS • LANDSCAPE • ARCHITECTURE • COMMUNICATION • EXPLORATION • STORYTELLING •

EDUCATION

Architecture Studio: Design Project

MArch Architecture Stage 5 & Stage 6 | Newcastle University | 2022-current

- tutorials

Landscape Architecture Studio 2: Site Selection

MLA Landscape Architecture & MA Landscape Architecture Studies | Newcastle University | 2022-current

- tutorials

Green Infrastructure and Landscape Planning 2: Project

MSc Urban Planning & MLA Landscape Architecture | 10 ECTS | Newcastle University | 2022-current

- tutorials

Academic Skills 3: Design Reflection

BSc Architecture, Urbanism and Building Sciences | 5 ECTS | TU Delft | 2020-2021

- tutorials
- structured peer review exercises
- guest critiques

Flowscapes: graduation studio Urban Forest Places

MSc Landscape Architecture | 55 ECTS | TU Delft | 2019-2021

- tutorials
- lectures on Green Infrastructure
- guest critiques

Heritage & Landscape: workshop Created Landscape

MSc Landscape Architecture | 5 ECTS | TU Delft, Forest Commission, European Year of Cultural Heritage, and State Heritage Service | 2018

- tutorials
- exercises on storytelling and presentation technique

LECTURES

Lecture: What is a Tree Avenue?

Dutch Tree Foundation | Utrecht | 2022

- Lecture on the need for an integral perspective on tree-lined roads
- 120 attendees

Webinar: Climate Arboretum, Cables and Pipes, and Growth Medium

VHG Trade Association | Delft | 2020

- Co-organiser of event
- Co-speaker 'Urban Climate Arboreta TU Delft' with dr. J.R.T. van der Velde
- 105 attendees online; 35 attendees in-person

Webinar: Climate Forest

Municipality of Barendrecht | Barendrecht | 2020

- Presentation on-site at Urban Climate Arboretum Barendrecht
- Online dissemination of video among local primary schools

Lecture: The Value of Cultural Heritage

BSc minor Design and Heritage | TU Delft | 5 October 2020

- Lecture on designing with and methods for valuing cultural heritage
- 62 students, online

Lecture: Extreme Design with Trees

MSc Architectural Engineering | TU Delft | 29 September 2020

- Lecture on designing with trees in extreme conditions in architectural and urban contexts
- 30 students, online

Lecture: The Value of Cultural Heritage

BSc minor Design and Heritage | TU Delft | 19 October 2019

- Lecture on approaches to valuing cultural heritage
- 54 students, in-person

CV

CHARLOTTE MARIA DIJKSTRA

Education*PhD School of Architecture, Planning and Landscape Architecture (full time)*

Newcastle University | UK | 2022-present

- dissertation 'Intersectional Belonging: Exploring Equitable Access to Urban Forest Qualities across Communities'
- PhD by creative practice

MSc Architecture, Urbanism and Building Sciences | track Landscape Architecture

Delft University of Technology | NL | 2014 - 2017

- thesis [Golden Green: Drawing upon lane design principles to design integral sustainable roads](#)

BSc Architecture, Urbanism and Building Sciences

Delft University of Technology | NL | 2010 - 2014

- minor Landscape Architecture | 30 ECTS
- minor Russian Studies | 30 ECTS | University of Leiden | NL

Experience*studio PLACES | Rotterdam | NL | 2020-present*founder and owner of [Studio PLACES](#)

- consultancy on the nexus of the (built) environment and communication

*Department of Urbanism TU Delft | NL | 2018-2021*researcher [Urban Forestry](#) | 2019-2021research assistant [Design & Governance](#) | 2018-2021*Department of Communication TU Delft | NL | 2018-2020*

news coordinator

FARO Architects | Lisserbroek | NL | 2016-2018

researcher and head of PR

Faculty of Architecture & the Built Environment TU Delft | NL | 2014-2016

editor faculty magazine 'Bnieuws'

PUBLICATIONS

Academic

- Dijkstra, C.M. (2017). *Golden Green: drawing upon lane design principles to design integral sustainable roads* (Master thesis). <http://resolver.tudelft.nl/uuid:ef8521eb-5b66-4e7e-ac7d-ee0eb79a1b09>
- Van der Velde, J.R.T., De Wit, S.I, Dijkstra, C.M., and Pijpers-Van Esch, M.M.E. (2021). *Physiognomic traits of Arborescent plants for the development of a Tree Architecture Typology to mitigate Urban Heat and Human Thermal Comfort*. Article in preparation.
- Van der Velde, J.R.T., De Wit, S.I, Dijkstra, C.M., and Pijpers-van Esch, M.M.E. (2021). *A Tree Architecture Typology to mitigate Urban Heat and Human Thermal Comfort*. Article in preparation.
- Van der Velde, J.R.T., Dijkstra, C.M., and Pijpers-van Esch, M.M.E. (2021). *Measuring Heat Reduction and Human Thermal Comfort in Outdoor Tree Laboratories*. Article in preparation.
- Van Loon, F.D., Pouderoijen, M.T., Alberini, E., Dijkstra, C.M. et al. (2015). *Institute of Poldering: Meadow Under Construction*. <http://resolver.tudelft.nl/uuid:d6534414-b0fe-4b6b-af49-3d329f3326af>

Other (selection)

- ARCAM Amsterdam (Publisher) (2017). 'Zaanstraat emplacement', <https://ontwerpstudio.arcam.nl/zaanstraatemplacement/?lang=en> [research-by- design study]
- BNR (2017). 'Tiny Houses', *Bouwmeesters 11-10-2017* [radio]
- Burgers, E. (2020). 'What is the coolest tree?', <https://www.tudelft.nl/en/stories/articles/what-is-the-coolest-tree> [interview]
- Dijkstra, C.M., Hinterleitner, J., De Jonge, W., Van 't Klooster, I., and Mastik, M. (Eds.) (2021). *Het Stadsranden-lab. Nieuwe typologieën voor de kreukelzones van de stad*. BNA Onderzoek.
- FARO Architects (2018). 'Heilige huisjes', <https://faro.nl/projecten/heilige-huisjes/>
- Van der Velde, J.R.T., De Wit, S.I., Dijkstra, C.M., and De Jonge, E.A. (Eds.) (2021). *Atlas van boomstad Delft*. Book in preparation.
- Verschuure-Stuip, G.A., Dijkstra, C.M., Van Prooijen, G.J. and Hirsch, H. (Eds.) (2022) *Bomenlanen. Over de relatie tussen bomen en wegen*. Delft & Arnhem: TU Delft/Centre for Global Heritage and Development & Bomenstichting.

