



Delft University of Technology

Preface

About the work

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Publication date

2022

Document Version

Final published version

Published in

Transit Stations

Citation (APA)

Triggianese, M., & Söylev, Y. (2022). Preface: About the work. In M. Triggianese, Y. Söylev, Y. Zhang, & H. Veloso e Zarate (Eds.), *Transit Stations: Sub-centers in Rotterdam Zuid* (pp. 7). TU Delft OPEN Publishing.

Important note

To cite this publication, please use the final published version (if applicable).
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TRANSIT STATIONS

Sub-centers in Rotterdam Zuid

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AR0109
City of Innovations
Project, Spring 2022,
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Walk-IN Partners**

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M. Triggianese, Y. Soylev, Y. Zhang, H. Veloso e Zarate, *Transit Stations. Sub-centers in Rotterdam Zuid*. 2022.

Key words: urban transition, mobility, public space, architectural typologies, urban design

This book is published by TU Delft OPEN, Faculty of Architecture and the Built Environment, Delft University of Technology

ISBN: 978-94-6366-617-6

DOI: <https://doi.org/10.34641/mg.51>



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Rademakers, Quinten Smits, Sari Naito, Sharon Lam,
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Elective Master AR0109

City of Innovations Project**
Walk-IN Stations
Chair of Complex Projects, Spring 2022

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* Special thanks to Olindo Caso for their contributions as one of the editors of the first issue.

** City of Innovations Project is an education format ideated and developed by dr. Manuela Triggianese for the Master curriculum of the Chair of Complex Projects, Faculty of A+BE, TU Delft. 'City of Innovations Project' connects academic research and education with stakeholders for addressing actual urban challenges. The Spring 2022 edition has enjoyed the contributions of the Walk-IN partners City of Rotterdam, Deltametropolis Association, De Zwarte Hond, PosadMaxwan, Mecanoo and Bureau Spoorbouwmeester. Walk-in is sponsored by NWO Kiem GoCi program and is lead by TU Delft.

PREFACE

Transit Stations: Sub-centers in Rotterdam Zuid

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About the Work

Manuela Triggianese, Yagiz Söylev

The book is the result of the course 'City of Innovations Project' at TU Delft Faculty of Architecture and the Built Environment, led by the group of Complex Projects at the Department of Architecture. 'Transit stations: sub-centres in Rotterdam Zuid' is the theme of the course running in spring 2022. It is connected to the research project Walk-In (acronym of Widening sustAinable mobiLiTy networkS: Impact on Nodes) financed by NWO and part of the KIEM GoCi program. Students presented their research and design scenarios to the project partners in April 2022 and they learned from their expertise throughout the course. Those are the City of Rotterdam, Delta Metropool Association, De Zwarte Hond, PosadMaxwan, Mecanoo, Bureau Spoorbouwmeester, I&M, Prorail with the collaboration of the University of Gustave Eiffel. By doing so, students contributed to the objective of Walk-In: to investigate the potential of suburban stations in transition in the context of the low car inner city of Rotterdam and to develop generic guidelines and spatial solutions for the integration of sustainable mobility with public space and mixed urban functions and services.

The Dutch Ministry of Infrastructure and Water Management has developed a vision on the future of Public Transport (towards 2040)¹ based on new mobilities and Door-to-Door solutions. The vision was followed by the "Handelingsperspectief", intended as an instrument to jointly map the current and future needs of PT nodes and their surroundings². The stations of the future become hubs³, where you can transfer from one mode of transport to another. Hubs are also destinations in themselves, places to meet up, to work, to exercise, to eat. How should suburban stations be developed in order to act as public places for collective action?

This course attempts to answer those questions through the research-by-design conducted by the students and tutors of Complex Projects with the method of charrette (period of intense design activity and short-term design project, developed in teams).

The main scope of this publication is to disseminate the research-by-design work from the students with other students in the field of architecture and urban design, as well as other disciplines such as transport planning and governance. This output aims to contribute to a dialogue on the role and potential of small stations in metropolitan areas of European cities between academics, stakeholders and designers. The book consists of two main chapters: a preface with the description of the outline of the book, the studio methodology (which includes a stakeholders' workshop) and the case studies in Rotterdam Zuid with a short introduction. Each case or station location has been analysed by a group of 8-10 students. The investigations are presented as support to the design proposals and scenarios. Two or three scenarios are illustrated for each location. The tutors of the course from TU Delft are the main contributors of the first part of the book (introduction), while the students of Complex Projects are the authors of the second part (cases).

The book is part of a series of outputs which focus on the role of design research through education. The series is edited by the staff of complex projects and published on TU Delft OPEN Books website⁴: Stations of the Future, Living Stations, Inclusive Stations.

¹ <https://www.rijksoverheid.nl/onderwerpen/openbaar-vervoer/betere-verbindingen-openbaar-vervoer/ov-in-de-toekomst>

² 'Handelingsperspectief' analyses the stations via the aspects of modalities, network, people and place.

³ See also the future vision of rail operator ProRail in [Station Nxt](#).

⁴ <https://books.open.tudelft.nl/>