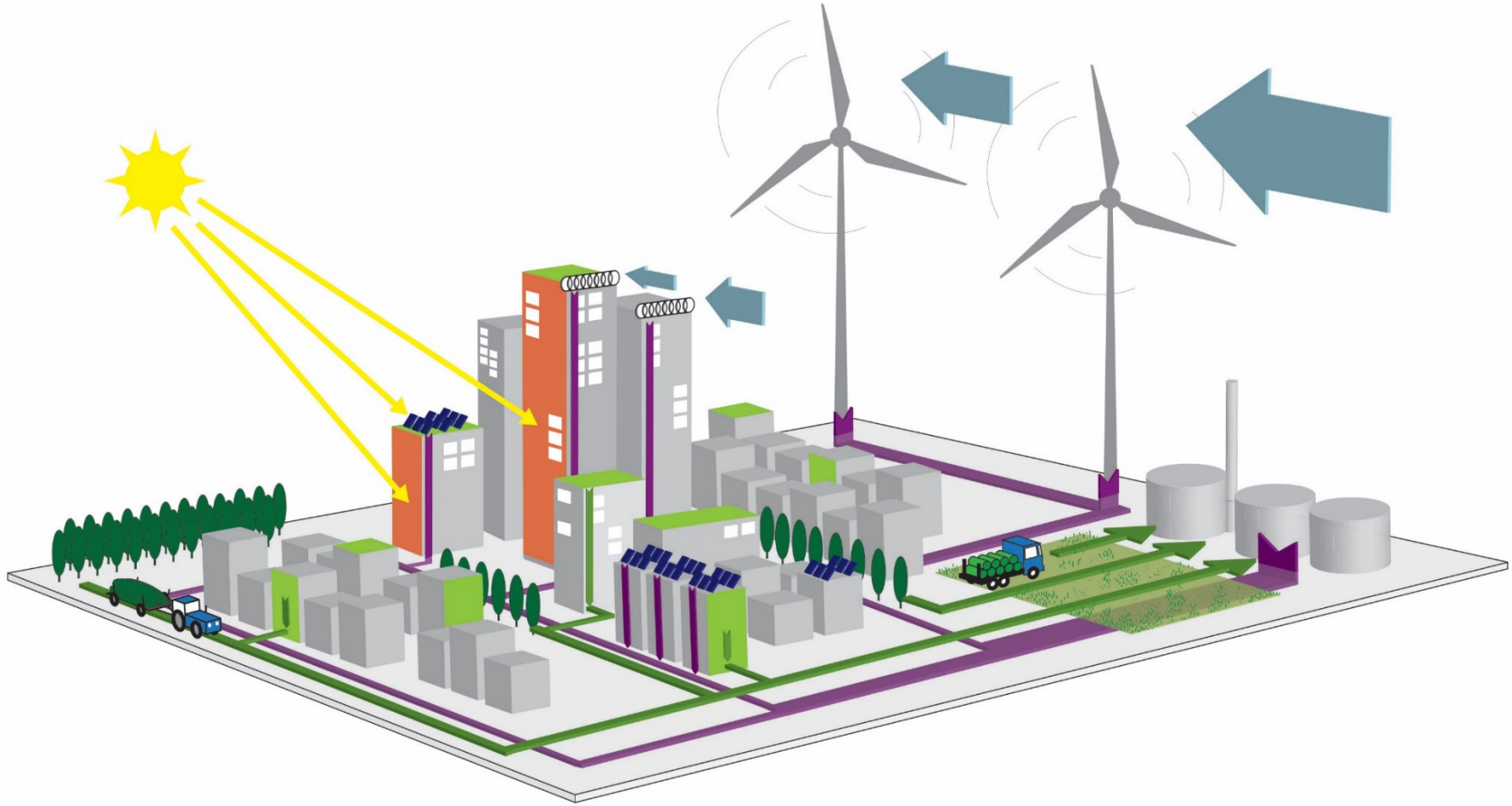
Climate responsive planning and design

MSc cursus Wageningen University



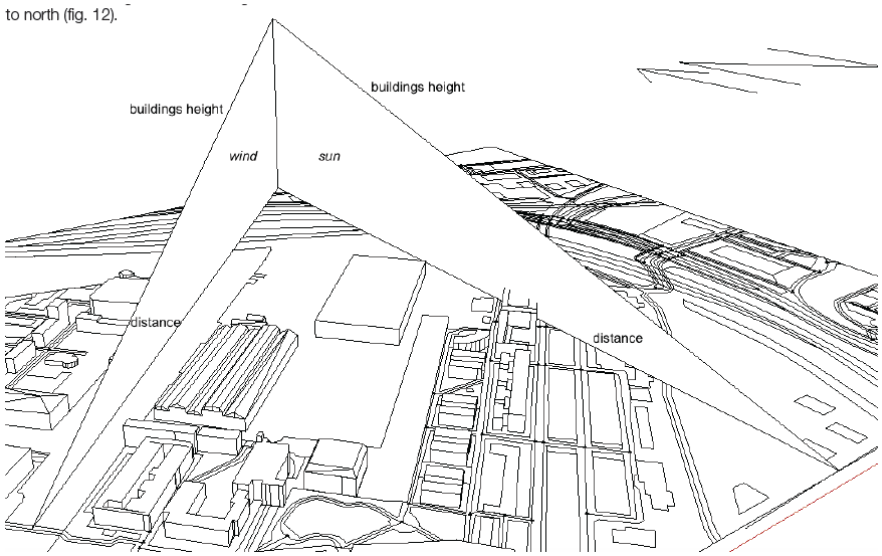
WAGENINGEN UNIVERSITY & RESEARCH

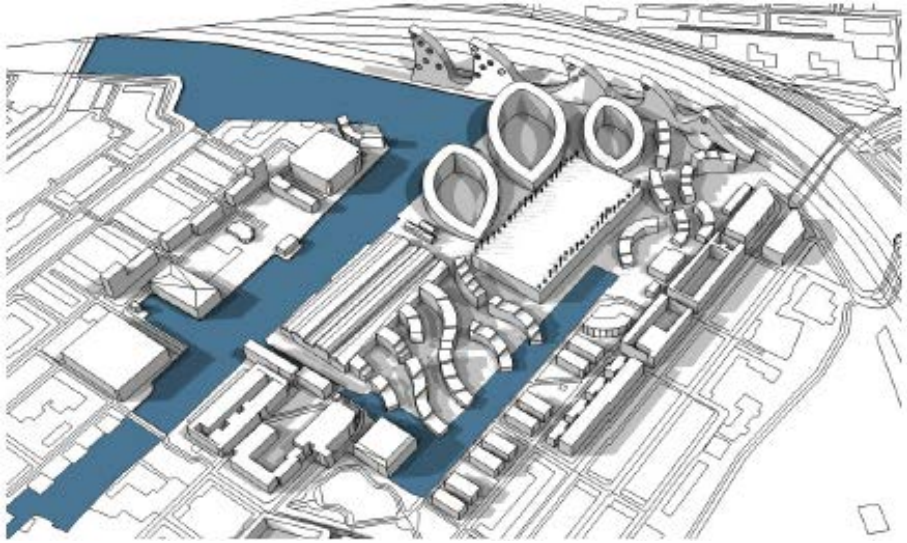
Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

AMS AMSTERDAM INSTITUTE FOR ADVANCED METROPOLITAN SOLUTIONS

Oostenburg Amsterdam

Design proposal: 'Waves of energy'





View from the trains

Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

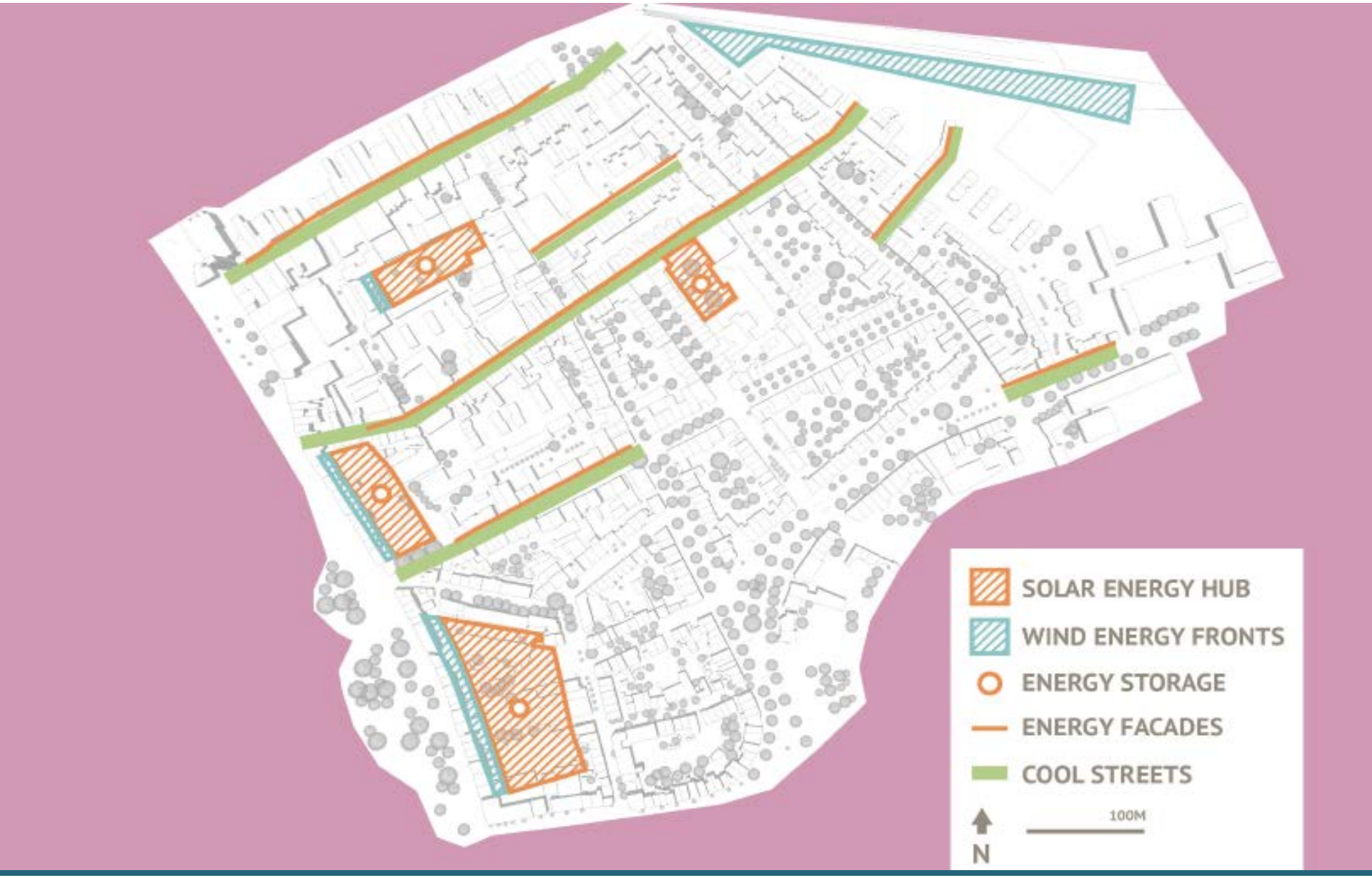
Climate proof Spijkerkwartier, Arnhem

WAGENINGEN UNIVERSITY & RESEARCH

Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

AMS AMSTERDAM INSTITUTE FOR ADVANCED METROPOLITAN SOLUTIONS

‘Crystalhood’



WAGENINGEN UNIVERSITY & RESEARCH

Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

AMS AMSTERDAM INSTITUTE FOR ADVANCED METROPOLITAN SOLUTIONS

‘Crystalhood’

WAGENINGEN
UNIVERSITY & RESEARCH

Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

AMS
AMSTERDAM INSTITUTE FOR
ADVANCED METROPOLITAN SOLUTIONS

‘Crystalhood’

WAGENINGEN
UNIVERSITY & RESEARCH

Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

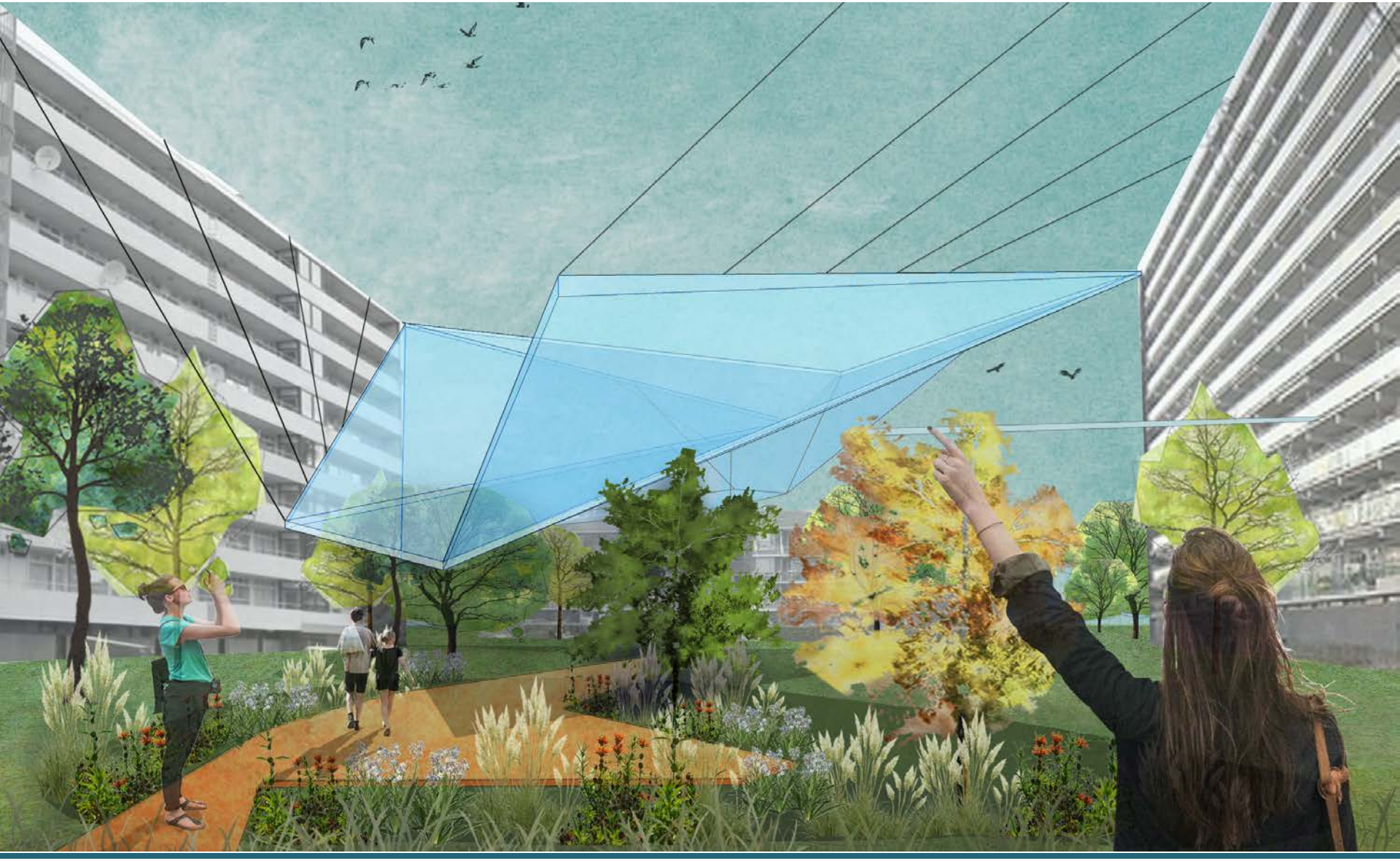
AMS
AMSTERDAM INSTITUTE FOR
ADVANCED METROPOLITAN SOLUTIONS

Climate –responsive Holtenbroek, Zwolle

Studentenproject 'Energy Walk'

Bron : Myrthe Tielen, Michiel Bakx, Yan Hao, Kajsa Olsson, 2017

Klimaat- en energie overkappingen



WAGENINGEN UNIVERSITY & RESEARCH

Dr. Dipl. Ing. MA (AA) Sanda Lenzholzer,
Associate professor Landscape Architecture Wageningen University
Principal Investigator AMS Institute

AMS AMSTERDAM INSTITUTE FOR ADVANCED METROPOLITAN SOLUTIONS

Overdekte wandelpaden

Conclusies

Praktisch:

Goede haalbaarheid van integraal ontwerp voor:

- beter stadsklimaaat,
- hernieuwbare energie
- watervraagstukken

Didactisch:

Zeer gewilde cursus

Multidisciplinaire begeleiding nodig

Beroepsperspectief:

Veel studenten gaan voor gerelateerd afstudeerthema
-> helpt specialisatie