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SPONGE CITY PROJECTION – CHINA

SOURCE: THE GUARDIAN

ALTERNATIVE SPONGE CITY MOCK UP – NEW YORK, USA
Source: Bjarke Ingels Group

WHY? COMMON CHALLENGE

REALITY OF CLIMATE CHANGE

WHY? COMMON CHALLENGE

ADAPTION TO CLIMATE CHANGE

WHY? COMMON CHALLENGE

"PAVE, PIPE, PUMP MENTALITY"

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COMPRISING OF

10 PROJECT PARTNERS : UK, NETHERLANDS AND BELGIUM

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WE ARE

LYNSEY ADAMS

SOUTHEND-ON-SEA BOROUGH COUNCIL, UNITED KINGDOM

MARC BOTERMANS

MUNICIPALITY OF LEIDEN, NETHERLANDS

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ACHIEVED BY

CROSS BORDER APPROACH, CO-CREATION & COLLABORATION

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ACHIEVED BY

INNOVATIVE CLIMATE CHANGE ADAPTION SOLUTIONS & APPROACH

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ACHIEVED BY

INNOVATIVE CLIMATE CHANGE ADAPTION SOLUTIONS & APPROACH

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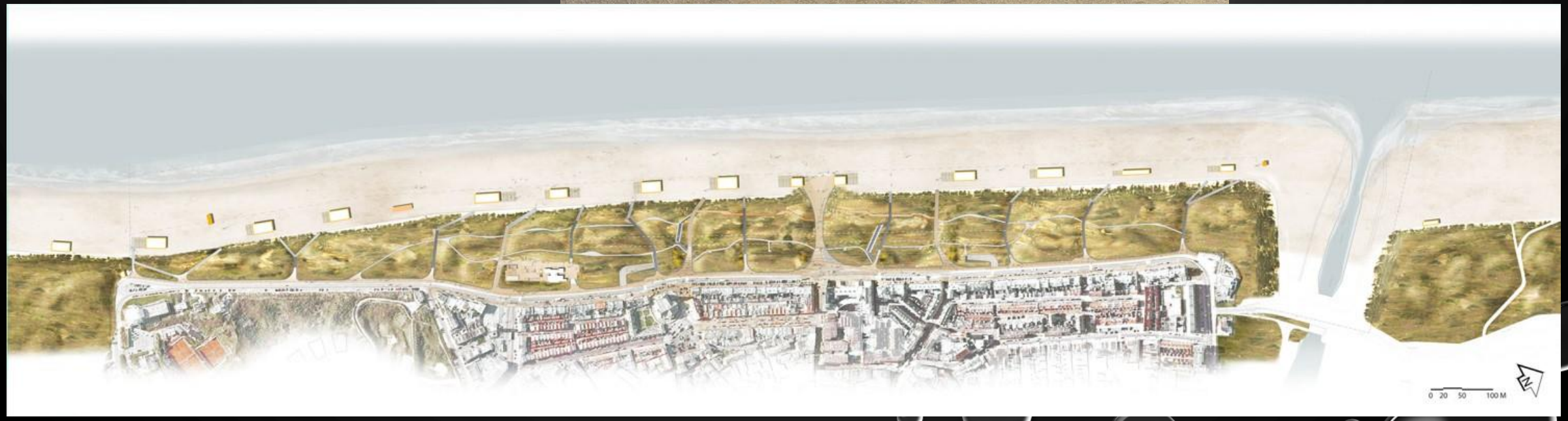

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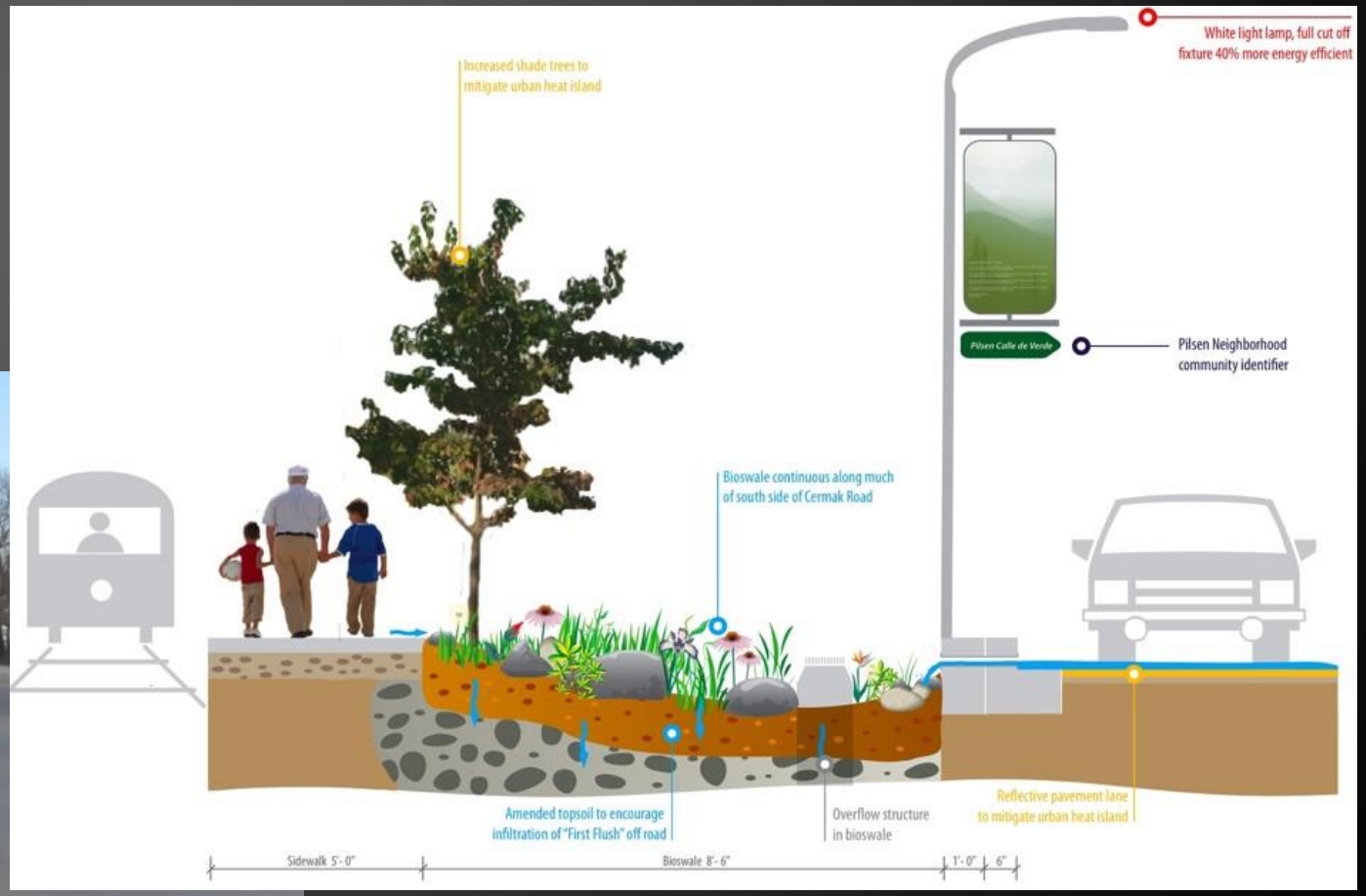

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HOW? MAIN OUTPUTS

CROSS BORDER ACTION PLAN

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HOW? MAIN OUTPUTS

STAKEHOLDER TOOLBOX

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HOW? MAIN OUTPUTS

GUIDANCE FOR FUTURE IMPLEMENTATION

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HOW? MAIN OUTPUTS

7 PILOTS

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RESPONSIBILITY IS SHARED

MAIN TARGET GROUPS: LOCAL AUTHORITIES (COUNCIL'S, MUNCIPALITIES), LOCAL WATER BOARDS, BUSINESSES, HOUSING CORPORATIONS, CITY FACILITIES (HOSPITALS, MUSEUMS, ETC), COMMUNITY GROUPS, CITIZENS.

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CREATIVE APPROACHES TO STAKEHOLDER ENGAGEMENT

WAGENINGEN
UNIVERSITY & RESEARCH

INCENTIVES TO CONTRIBUTE TO CLIMATE CHANGE ADAPTION

- STAKEHOLDER MAPPING : TO ANALYSE STAKEHOLDERS BY INTEREST AND INFLUIENCE TO IDENTIFY KEY STAKEHOLDER GROUPS
- STAKEHOLDER ANALYSIS : INDENTIFICATION OF STAKEHOLDERS; CONTRIBUTIONS & BARRIERS
- APPROACH: TRANSITION THEORY
- CORE RECOMMENDATIONS
- FUTURE RESEARCH

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CONSIDERATIONS

INVESTMENT, TIME, POLITICS, MONEY, AWARENESS CHALLENGES

SOCIAL PROOFING

SOCIAL PROOF IS THE CONCEPT THAT PEOPLE WILL CONFORM TO THE ACTIONS OF OTHERS UNDER THE ASSUMPTION THAT THOSE ACTIONS ARE REFLECTIVE OF THE CORRECT BEHAVIOUR.

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CONSIDERATIONS

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CONSIDERATIONS

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OBJECTIVES

- IMPROVE THE ADAPTATION CAPACITY OF CITIES AND DENSELY BUILT AREAS BY IMPLEMENTING INNOVATIVE CLIMATE CHANGE ADAPTATION SOLUTIONS WITH LOCAL STAKEHOLDERS.
- INCREASED ADAPTATION CAPACITY OF DENSELY BUILT AREA'S IN 2 SEAS BY AT LEAST 25.000M3
- LOWER COSTS: SAVING 10-50% COMPARED TO THE USE OF TRADITIONAL ADAPTATION INVESTMENTS
- SPONGE PAVES THE WAY FOR A WIDE ROLLOUT OF THESE INNOVATIVE PARTICIPATORY ADAPTATION SOLUTIONS TO REDUCE THE RISKS OF AND DAMAGES FROM URBAN FLOODING ACROSS THE 2 SEAS AT CONSIDERABLY LOWER COSTS

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