

The SPONGE approach

Wessel Tiessens & Nadieh Kamp
City of Leiden, The Netherlands



Slide 1

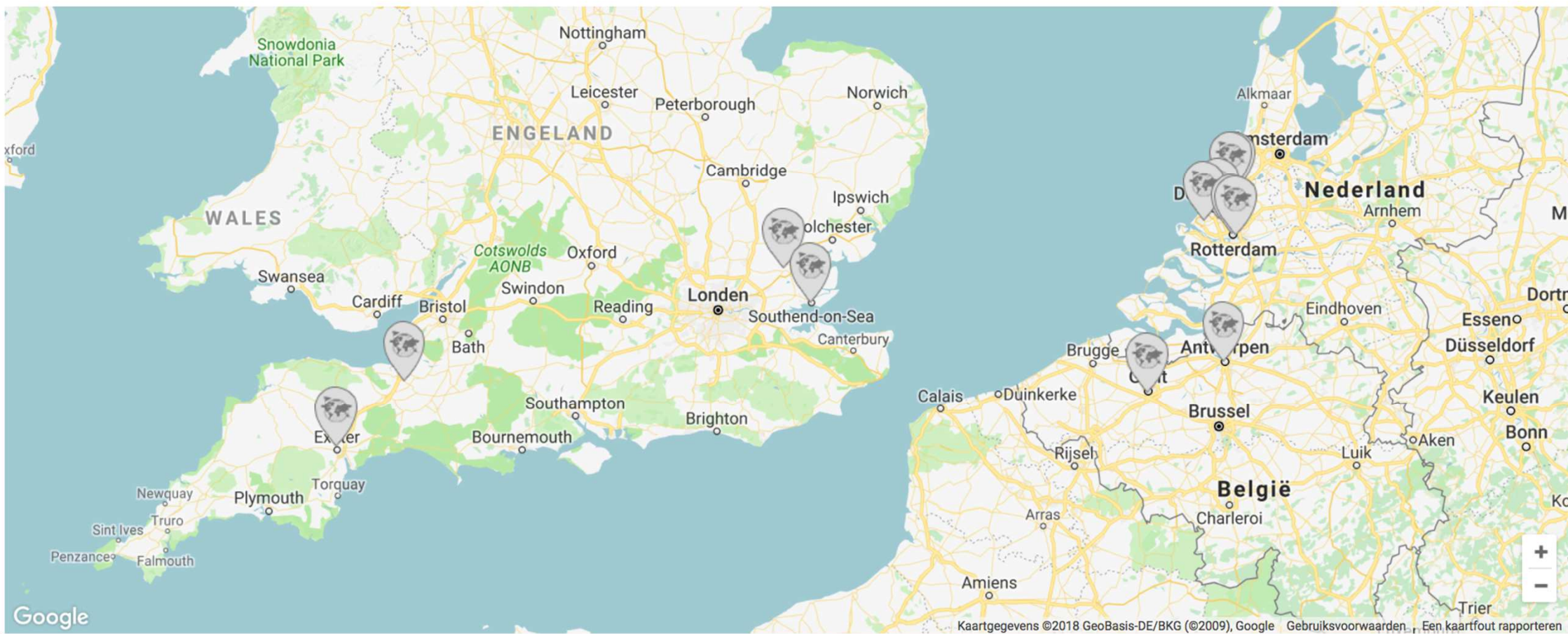
LA21

HOLDING PAGE for opening the presentation - Few moments

Lynsey Adams, 03/10/2017

10 partners | 3 countries

Partners ↓





Gemeente Rotterdam

Municipality of Rotterdam
The Netherlands



Somerset County Council
United Kingdom



Provincie Oost-Vlaanderen
Belgium



Essex County Council
United Kingdom



City of Antwerp
Belgium



Westcountry Rivers Trust
United Kingdom



Regional water authority of Delfland
The Netherlands



Municipality of Westland
The Netherlands



Southend-on-Sea Borough Council
United Kingdom



Municipality of Leiden
The Netherlands



Schieland en de Krimpenerwaard
Regional Water Authority
The Netherlands



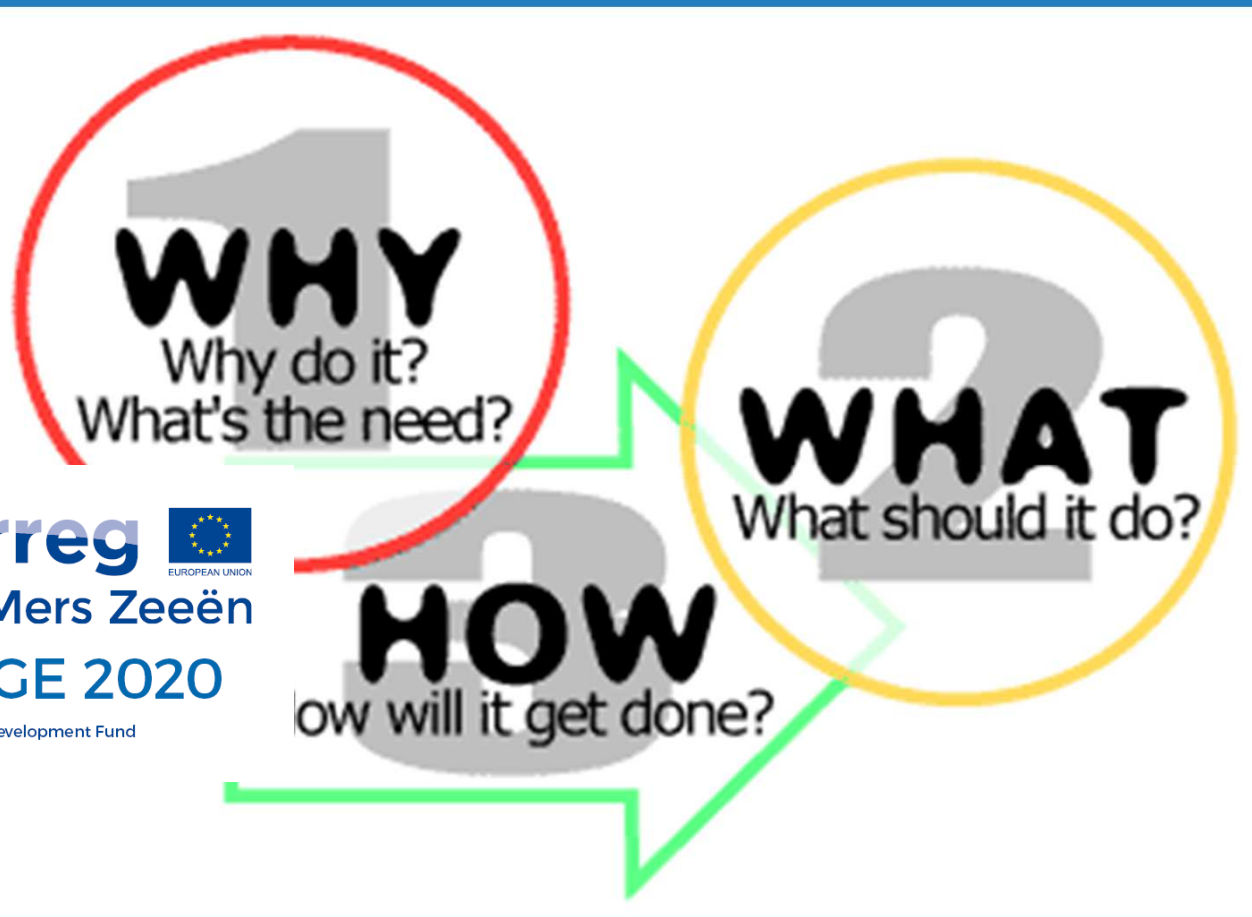
Rijnland District Water Control Board
The Netherlands

LA9

LA10

LA11

Interreg 
2 Seas Mers Zeeën
SPONGE 2020
European Regional Development Fund



Slide 4

LA9 Climate change both a reality and a very real threat
Lynsey Adams, 03/10/2017

LA10 Marc Botermans
Lynsey Adams, 03/10/2017

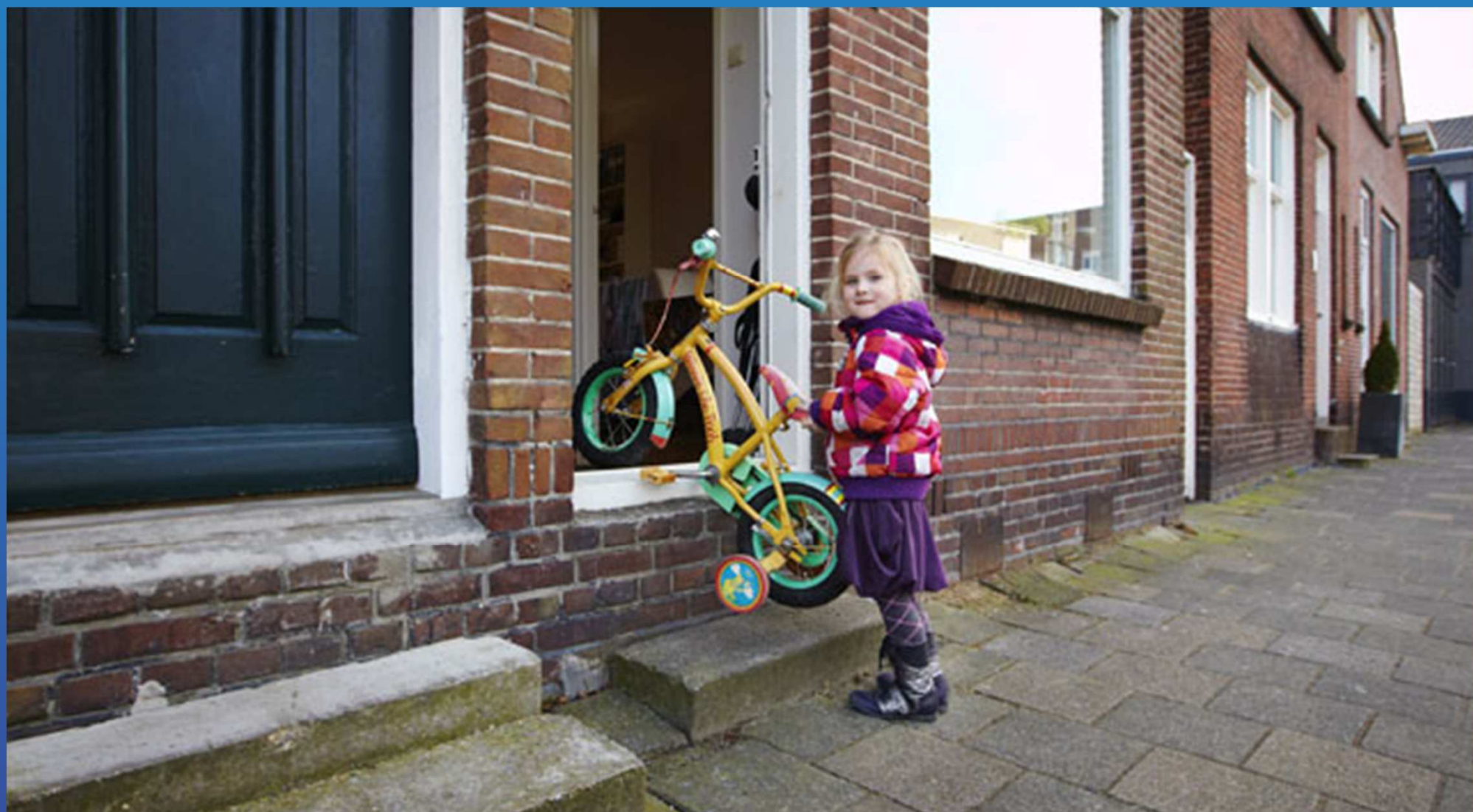
LA11 I put the old image to emphasize flooding is a reoccurring problem. Not just a one time problem
Lynsey Adams, 03/10/2017



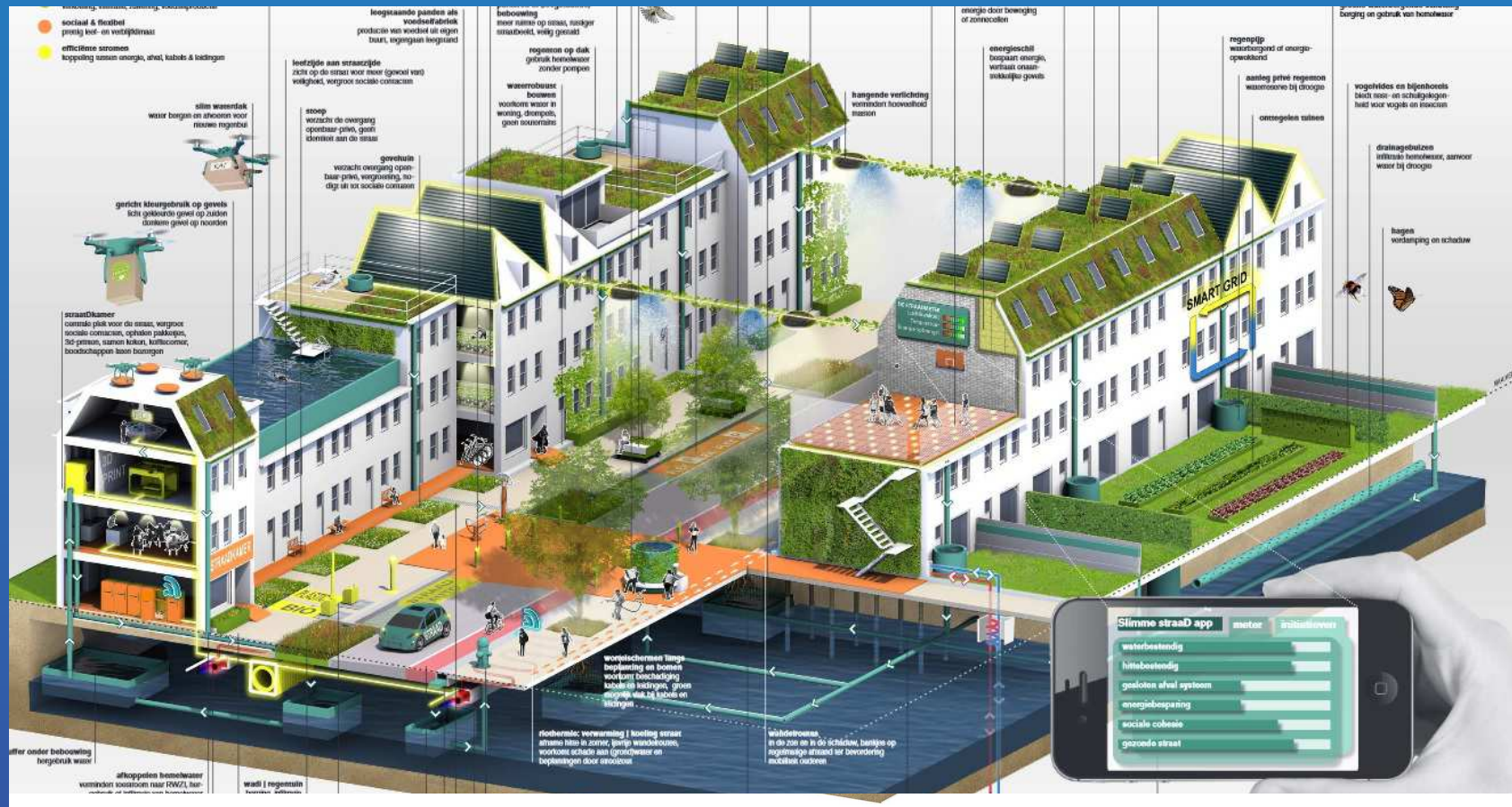
De Timorstraat in de Leidse wijk de Kooi staat onder water. De wijk kampt vaak met wateroverlast bij overvloedige regenval.

FOTO TACO VAN DER EB

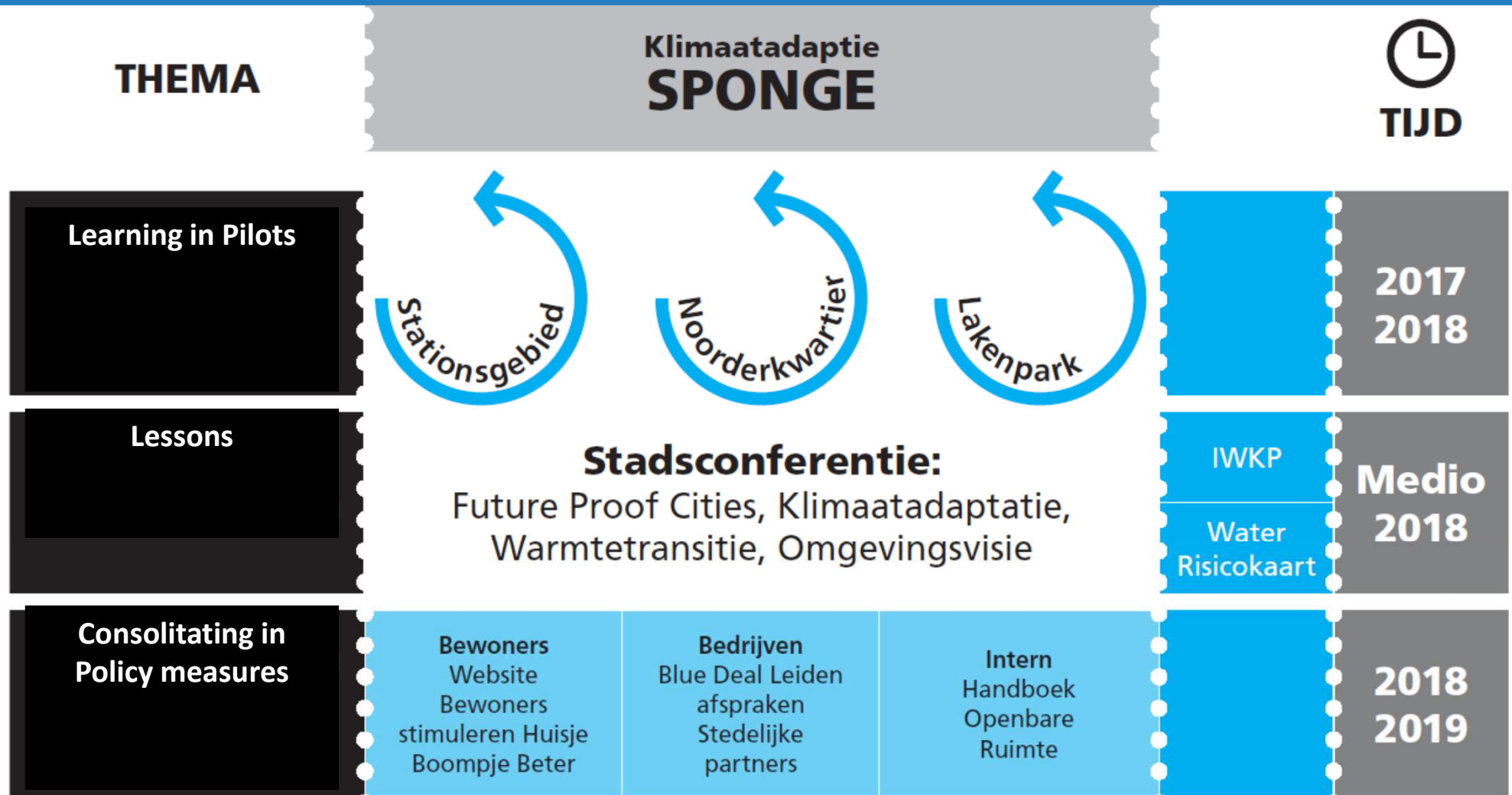
Veel wateroverlast in Leiden door felle buien



How do we meet our objectives in our compact cities



Pilots: Learning by doing



Steps to successful cooperation

House owners



Step 1: listen



Step 1: listen



Step 2: exchange knowledge



Video







TYGRON model: 120 mm regen / uur, na 2 uren

Step 3: integrate interests:

Example most sustainable kilometer of the netherlands







MILESTONES





Welke besluiten voor een duurzamer Stationsgebied/Schipholweg heb jij al genomen?

Geef op de plattegrond aan op welke plek dit is.

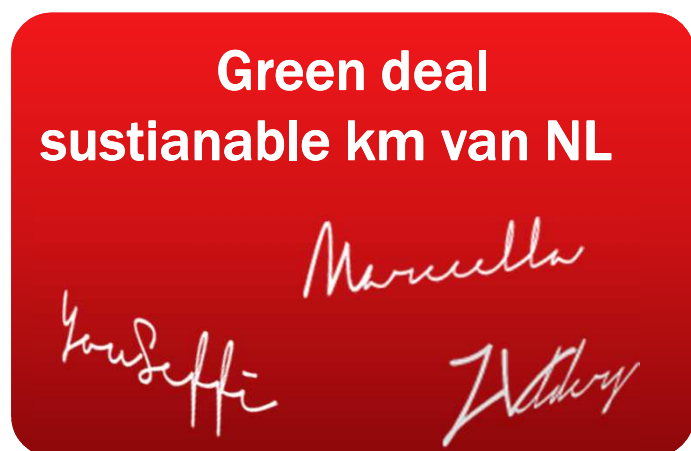
1 km



Goed.

STATIONSGBIED LEIDEN
WAAR GISTEREN MORGEN ONTHOLT

CONCEPT GREEN DEAL



Step 4: agree:

Not there yet



Questions?

Contact w.tiessens@leiden.nl