



# Revitalising Wemeldinge Noord

*Municipality of Kapelle*

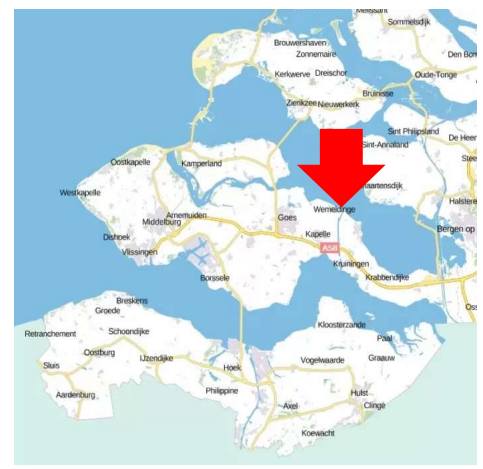
30<sup>th</sup> June 2021



# Location of the project



Wemeldinge is one of the residential areas of the municipality of Kapelle and has approximately 3000 inhabitants.



 Project area

# Reason for GI Pilot



- The residential area in Wemeldinge North has regularly problems with flooding during heavy rainfall;
- The outdated sewage system is inadequate and the roads and sidewalks are quite petrified;



# The GI Pilot

- The design of the climate-adaptive outdoor space was created together with the residents.
- In the project the grey pavement will be replaced with green pavement



Current



New

# The GI Pilot



# The GI Pilot



- We started in May 2021 and are expecting to be ready in April 2022.



# Key Pilot Benefits



## FLOODING

By changing the pavement from grey to green we prevent flooding.



## AWARENESS

Because water remains in the swale during heavy rain fall, residents become aware of climate change.



## MATERIALS

By applying green pavement instead of grey we gain insight into maintenance and what it means for current maintenance contracts.

# Key Pilot Benefits



## AESTHETIC APPRECIATION

By involving our residents in the design process, we create support. After the project is finished, we want to evaluate together what influence of green infrastructure has on the living experience.







# Thank You

For more information visit  
[www.naturesmartcities.eu](http://www.naturesmartcities.eu)

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