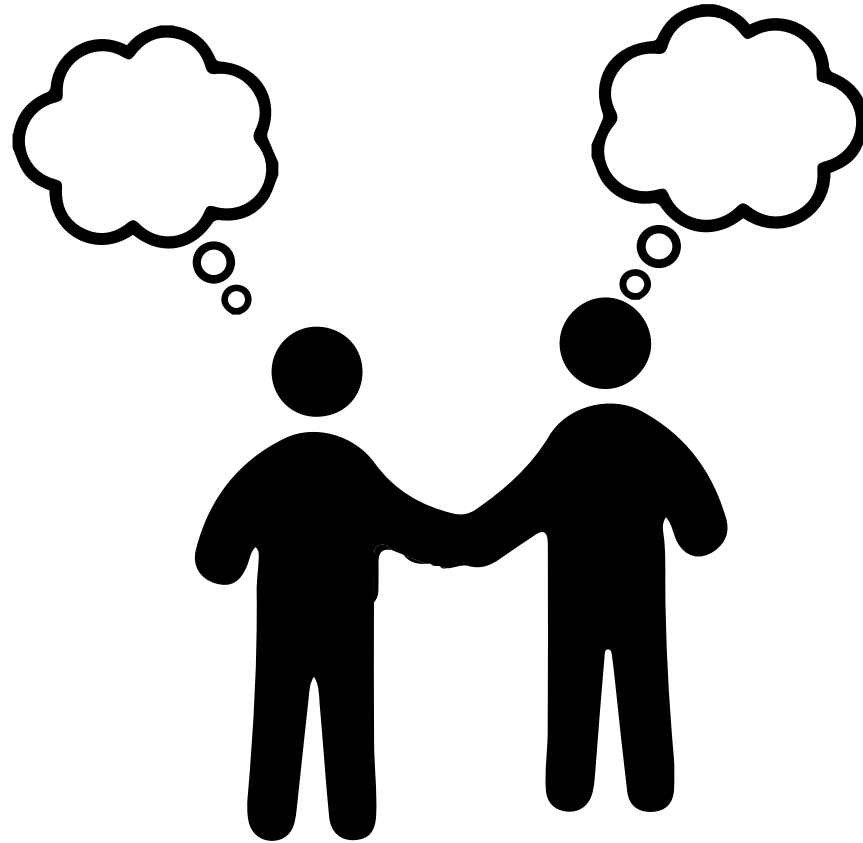


# Creating Knowledge Locations

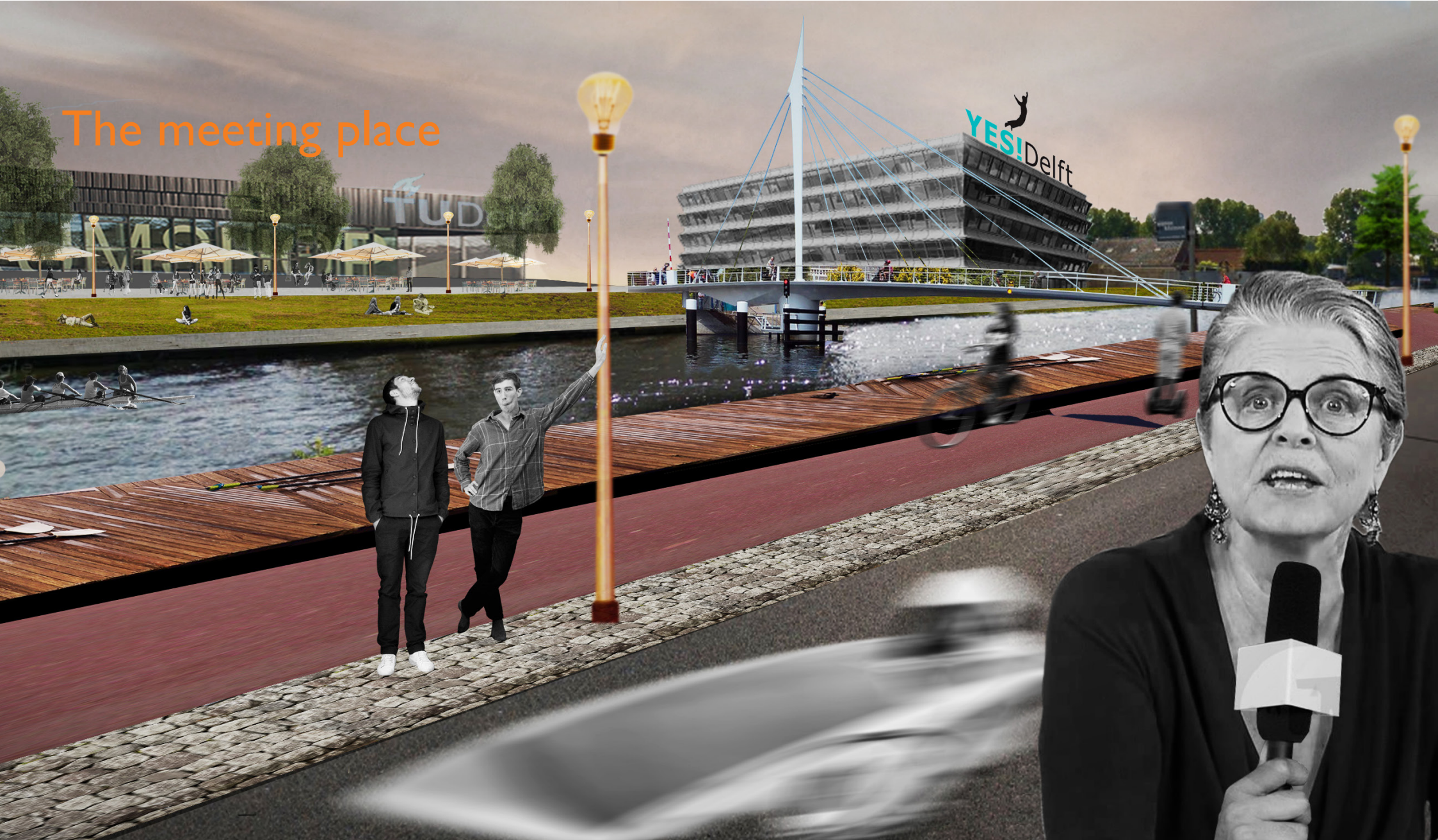
Designing efficient and inspiring knowledge clusters  
in Delft

P5 presentation  
Henriette V. B. van der Hee  
14-4-2015  
1<sup>st</sup> mentor: Leo van den Burg  
2<sup>nd</sup> mentor: Arie Romein  
External examiner: Wouter Willers

# Introduction



The meeting place



# Context

World population



Amount of patents



# Aim

- Create comfortable meeting spaces
- Stimulate the creation of knowledge
- Improve position of Delft in the knowledge economy

# Research question

What are the optimal **spatial requirements** that are needed to create **successful technical and creative knowledge locations** in Delft and what do they look like?

# Nerds and bohemians



Nerds

ICT, chemical industry  
and high tech



Nerdistan



Bohemians

Fashion, media  
and architecture



Bohemistan

# Current situation







Nerdistan



Bohemistan

# Expansion areas



**Nerds**

Comfort, cleanliness  
and order



**Nerdistan**



**Bohemians**

Authenticity, roughness  
and freedom



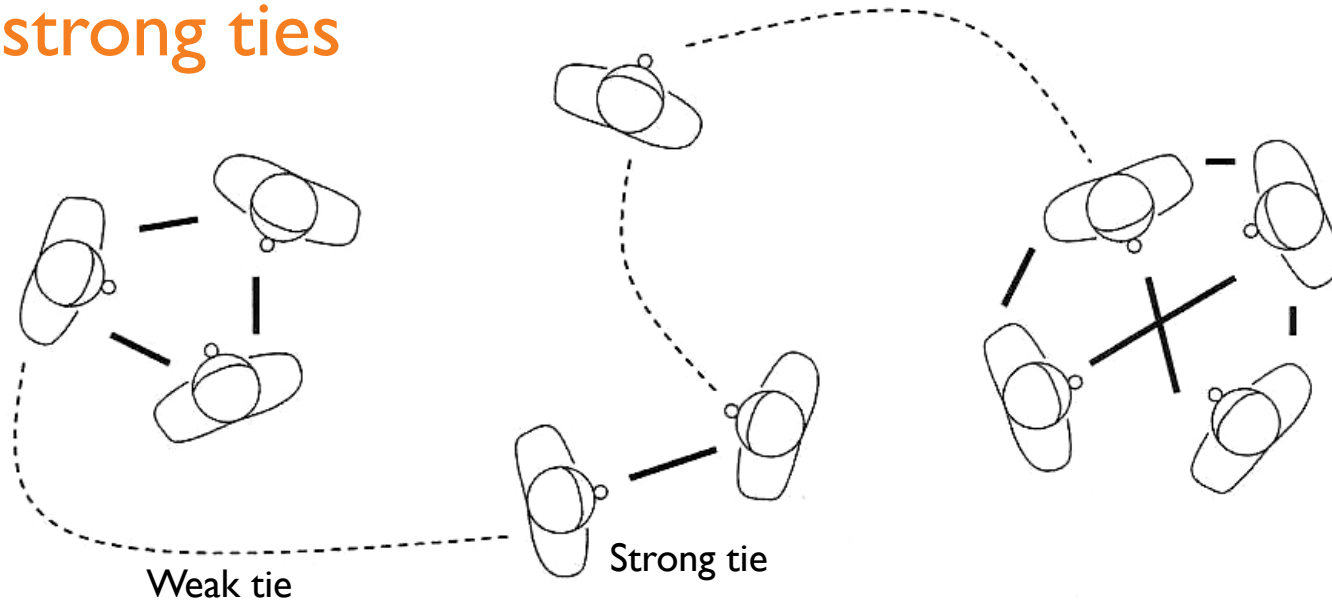
**Bohemistan**



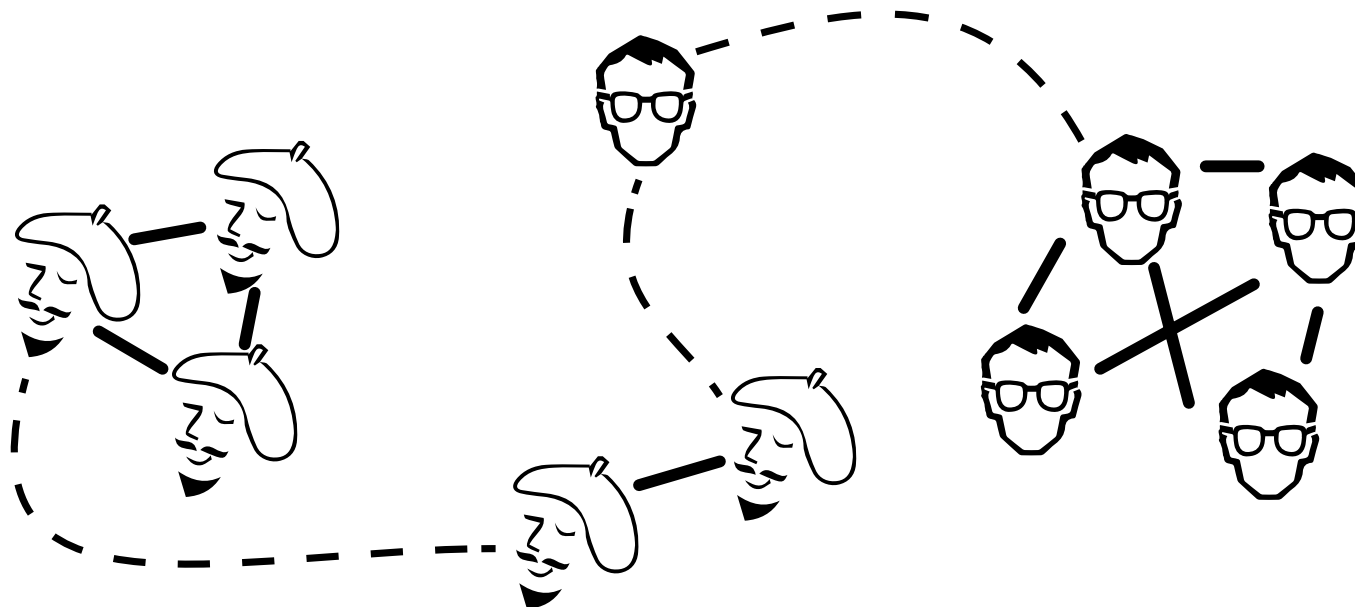
# Nerdistan & Bohemistan



# Weak and strong ties



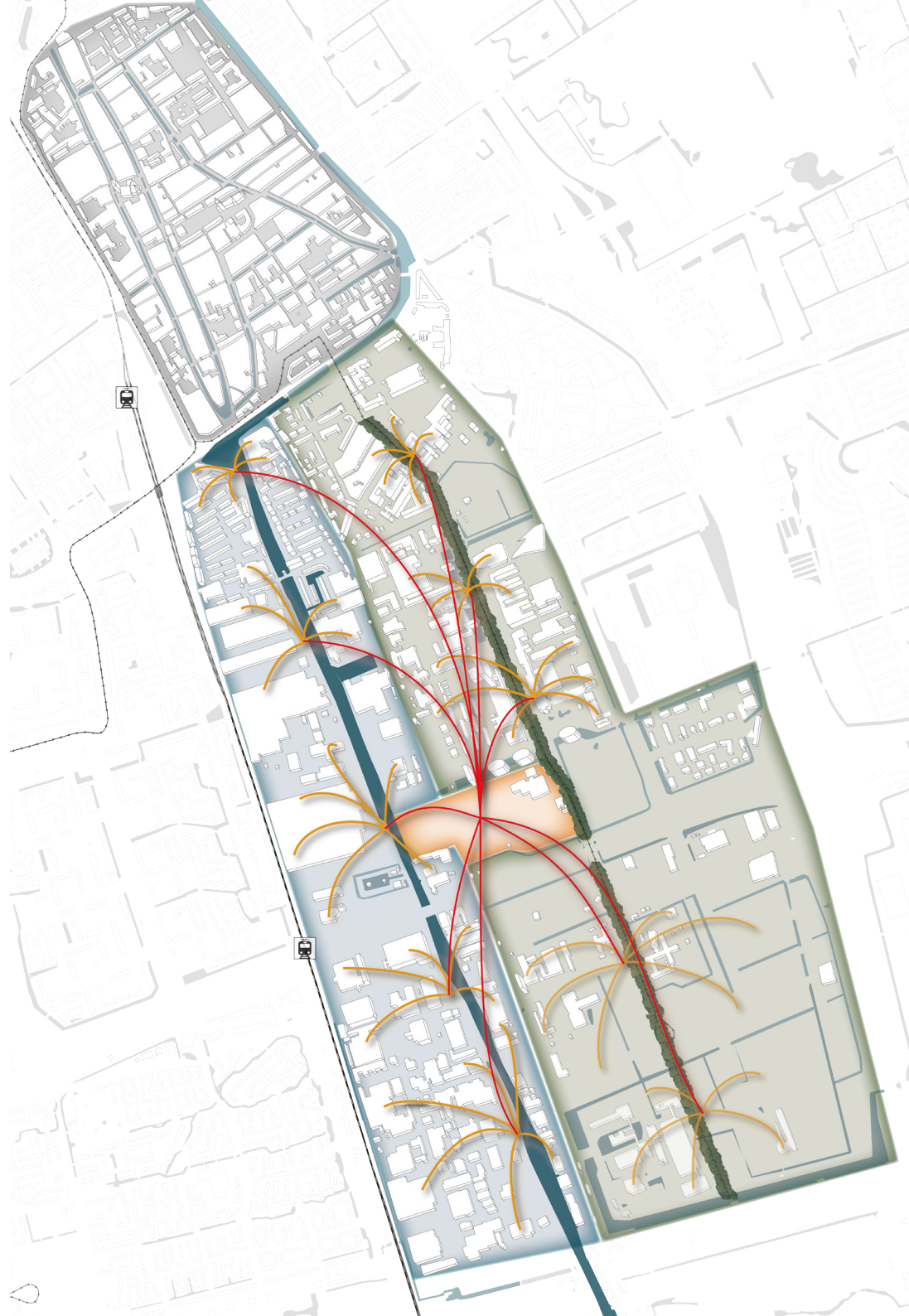
Granovetter, 1973



# Third places



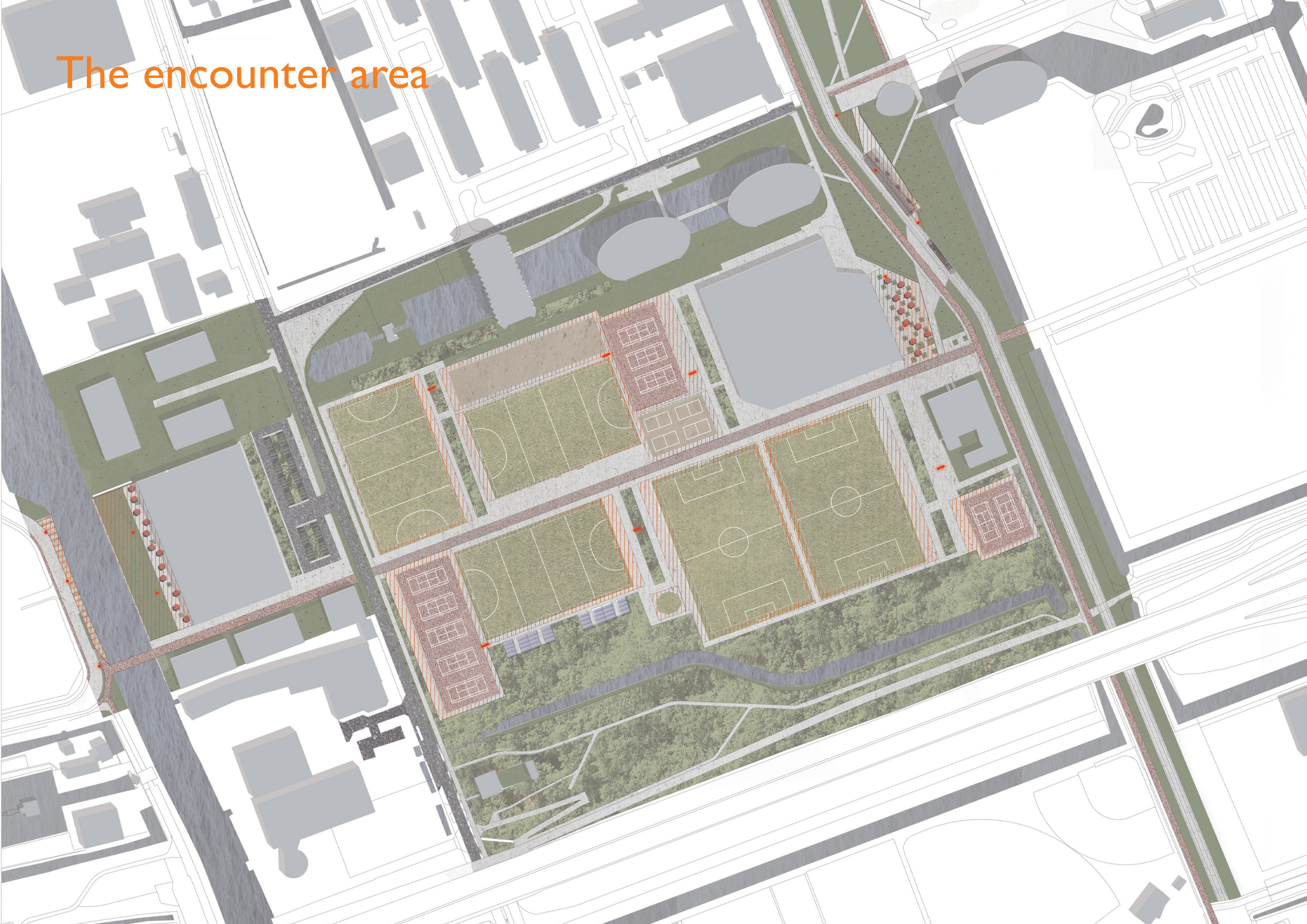
# Vision



Sports & culture centre

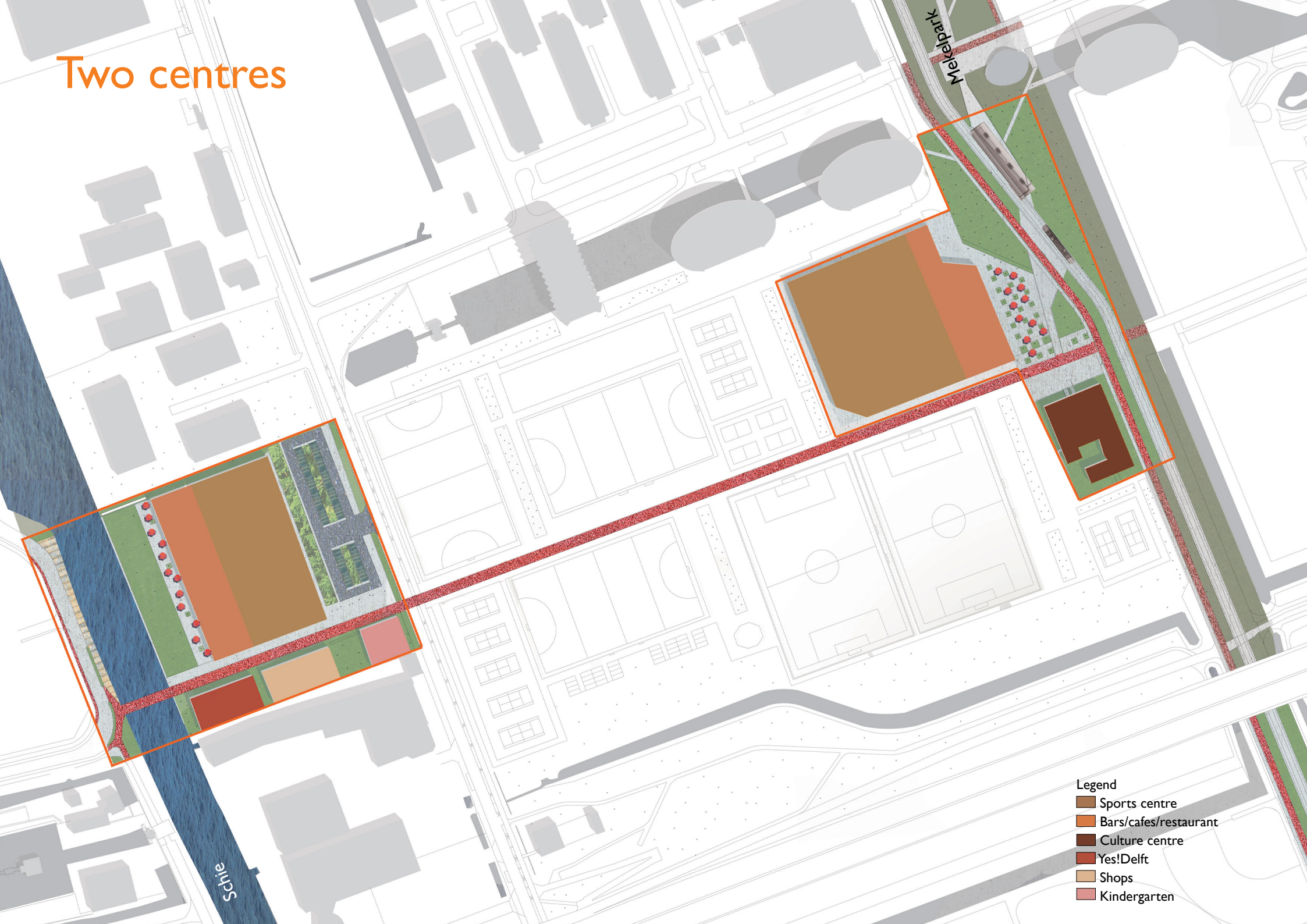


# The encounter area





# Two centres



## Legend

-  Sports centre
-  Bars/cafes/restaurant
-  Culture centre
-  Yes!Delft
-  Shops
-  Kindergarten

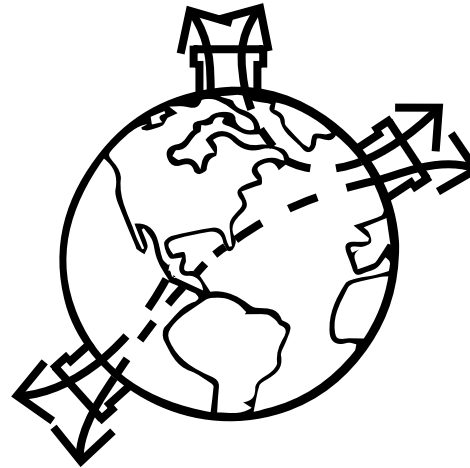
# Theory



## Local buzz

Local buzz is 'the learning process that takes place among actors embedded in a community by just being there'

(Bathelt, Malmberg and Maskell, 2004: 31)



## Global pipelines

Global pipelines are defined as 'channels of communication with providers outside the local milieu'

(Bathelt, Malmberg and Maskell, 2004: 31)



## Global buzz

The global buzz is a hotspots of intensive and dedicated exchange of knowledge, network building and generation of new ideas.

(Maskell et al. 2006).

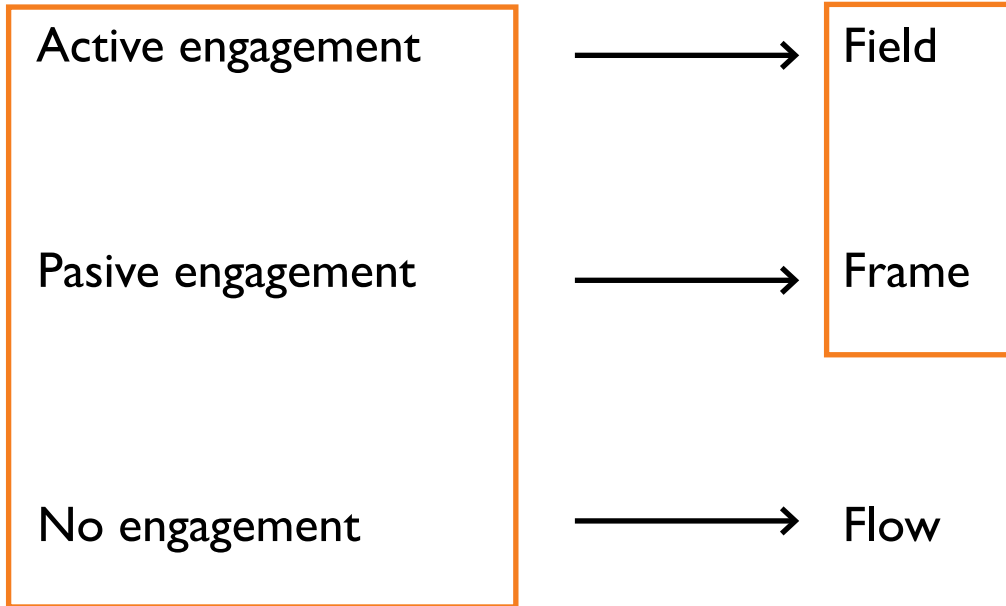
# Local buzz

Comfortable meeting spaces



(Carmona, 2010)

(Childs, 2004)



# Field/frame/flow theory



Active engagement



Field

Passive engagement



Frame

No engagement



Flow



# Triangulation

Creation of new meetings



(Whyte, 1980:94)

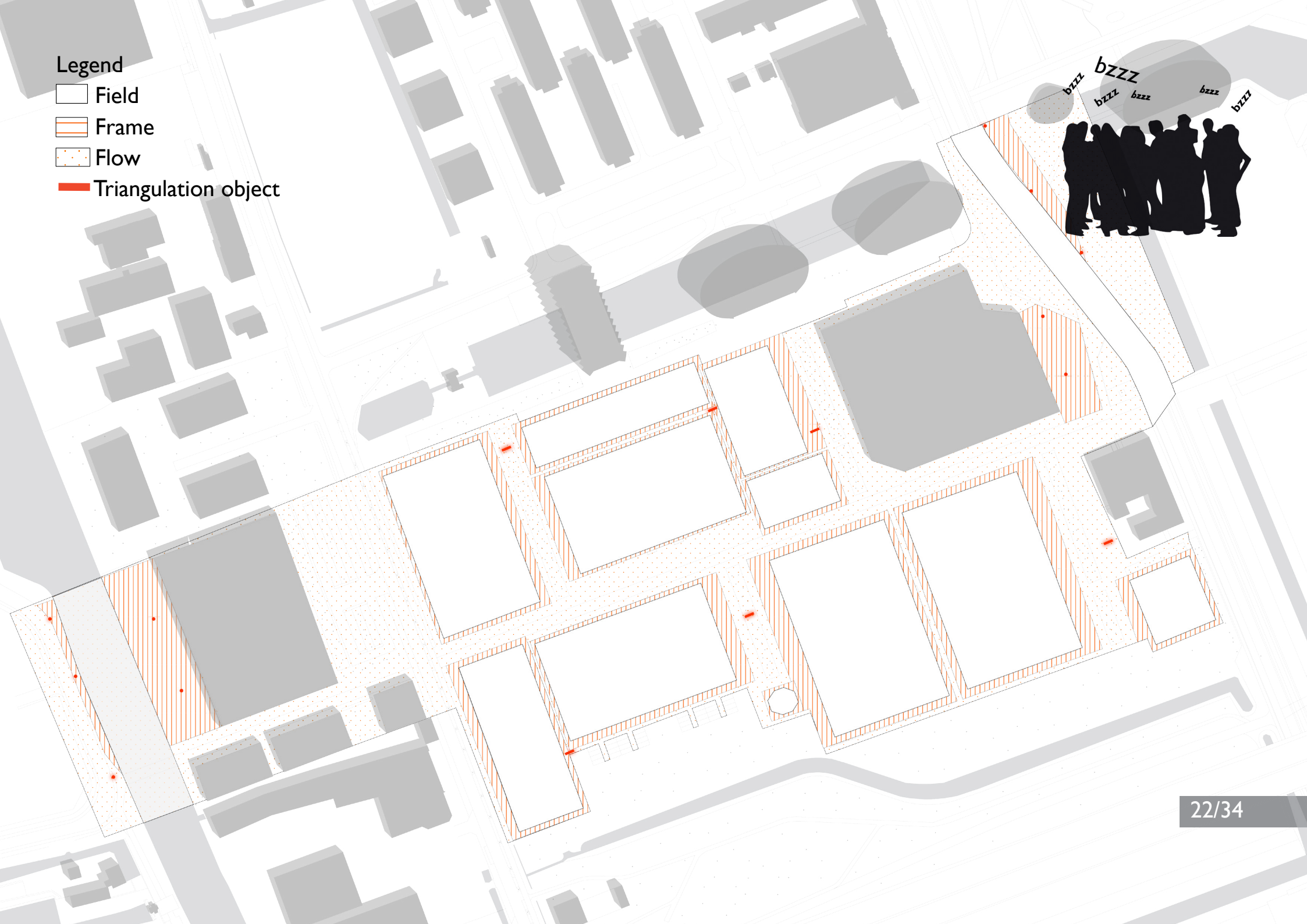
Legend

Field

Frame

Flow

Triangulation object



10 50 Amount of inventions in Delft

date	faculty	cluster	total amount	comments

TU Delft





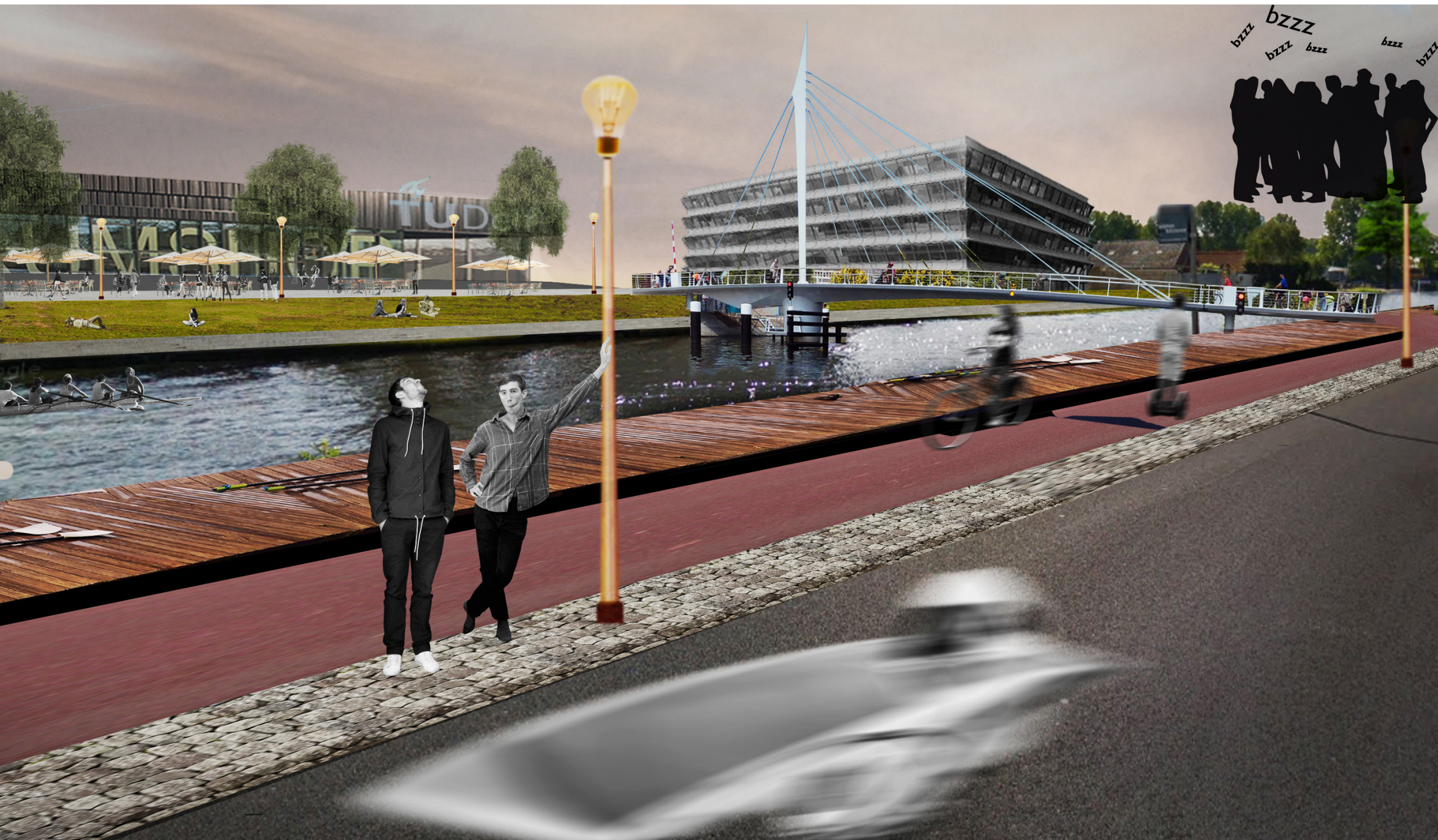
bzzz bzzz  
bzzz bzzz bzzz bzzz



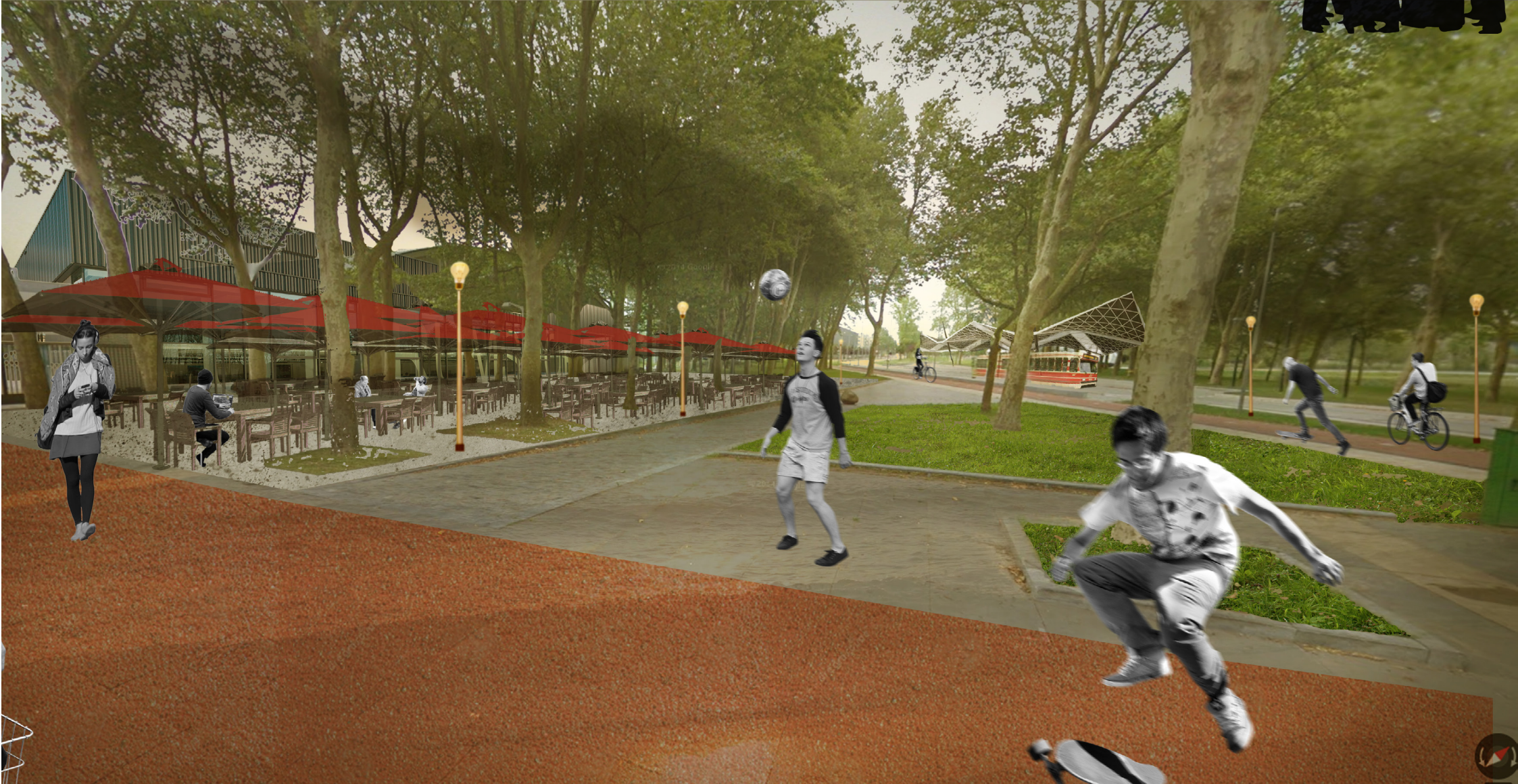
Amount of visitors at...







bzzz bzzz bzzz bzzz



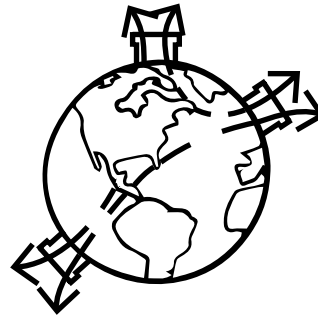


## Global buzz

The global buzz is a hotspots of intensive and dedicated exchange of knowledge, network building and generation of new ideas.

(Bathelt and Strambach, 2004: 2)

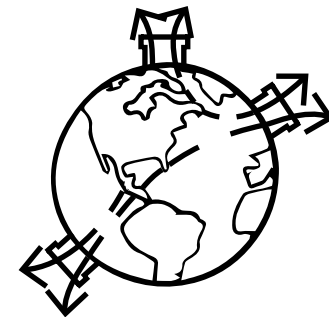




## Global pipelines

Global pipelines are defined as  
'channels of communication with  
providers outside the local milieu'

(Bathelt, Malmberg and Maskell, 2004: 31)





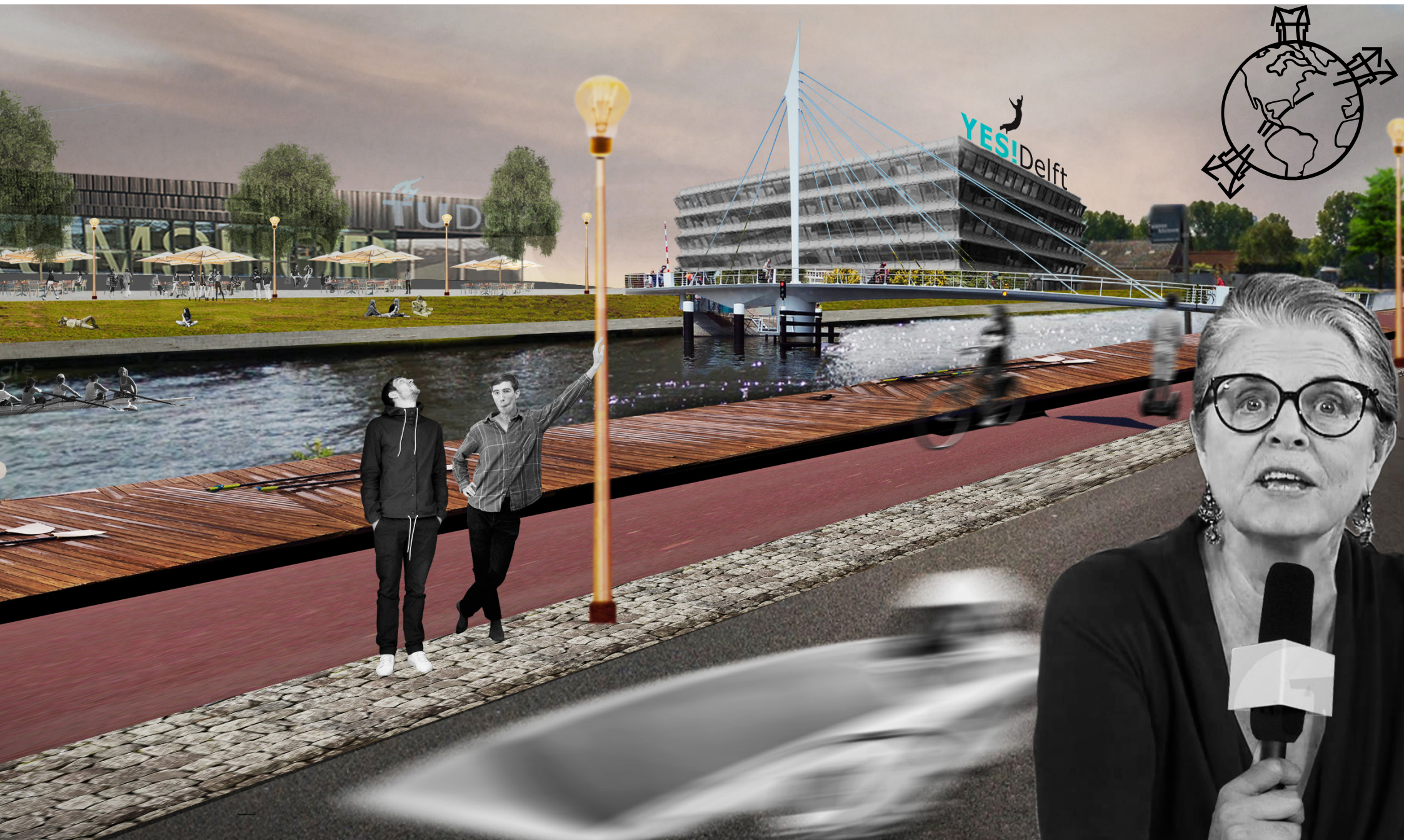
Buildings 37-38  
Sports Division  
Culture Division

Sports  
Library  
Art  
Museum

Health Centre  
NS Station Gait

Sports & Culture  
2014-2015  
2015-2016  
2016-2017  
2017-2018  
2018-2019  
2019-2020  
2020-2021  
2021-2022  
2022-2023  
2023-2024  
2024-2025







# Creating Knowledge Locations

- Create comfortable meeting spaces
- Stimulate the creation of knowledge
- Improve position of Delft in the knowledge economy

# Creating Knowledge Locations

Thank you!!

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