

Bryghus project

Connecting the waterfront to the city

Copenhagen December 2011

GEHL ARCHITECTS
URBAN QUALITY CONSULTANTS



Preface

This document encompasses an overview of the Bryghus project's major contributions and opportunities besides an introduction to the 'urban activity node' subject and an overall description and analysis of the development of the central Copenhagen context during the last decade

- Bryghus project
- Urban activity node benefits and best practice examples
- Development of the pedestrian network
 - Car-free streets and public spaces and pedestrian priority streets
- Development of connections between city and waterfront
- Development of recreational and cultural destinations
 - Milestones from 2005 towards a future vision

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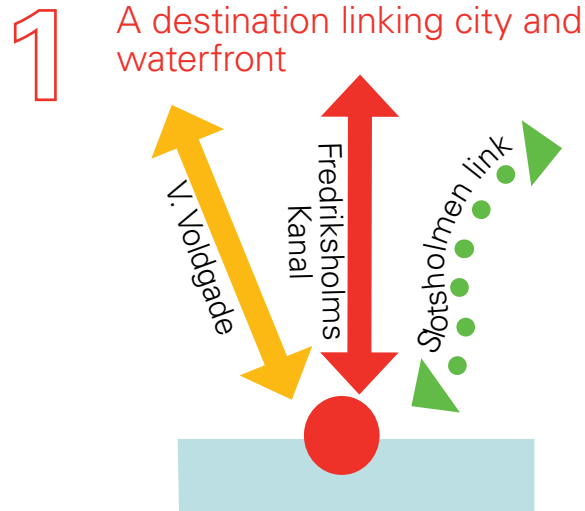
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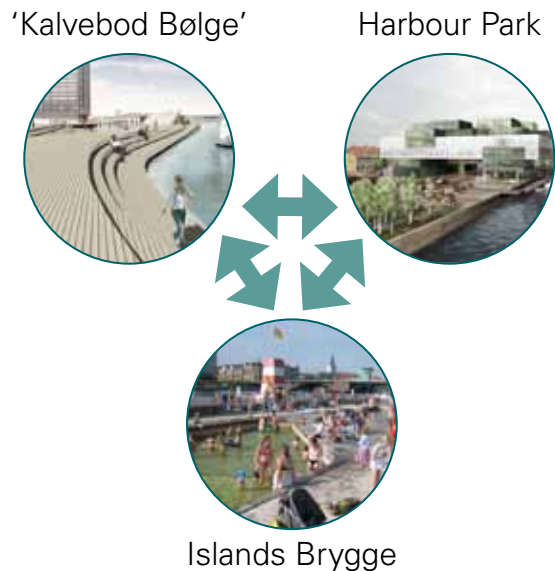
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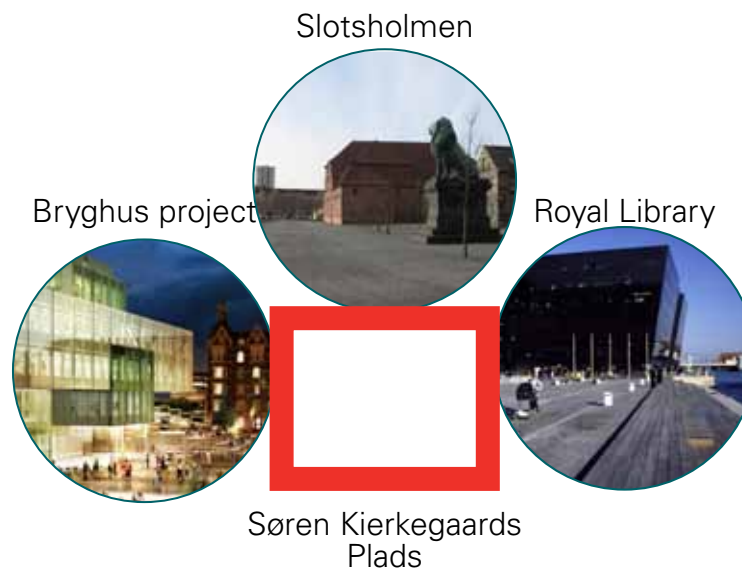
Bryghus project - Major contributions to the city



3 Strengthen the recreational waterfront



4 Strengthen the cultural waterfront

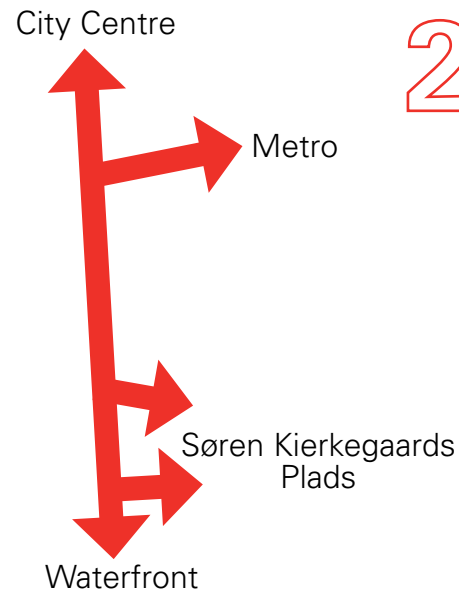


5 Activates and diversifies the area

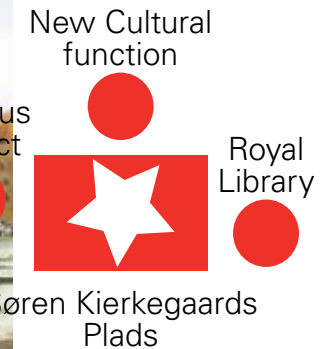


Bryghus project - Major opportunities for further initiatives

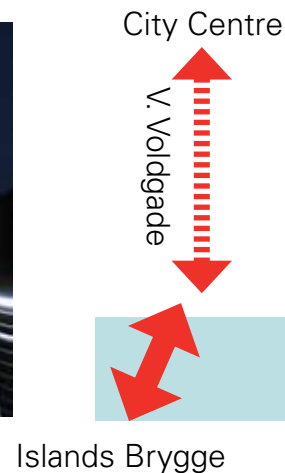
- 1 FREDERIKSHOLMS KANAL
- extension of the pedestrian network to the waterfront



- 2 SØREN KIERKEGAARDS PLADS
- from a deserted space to an active cultural waterfront square



- 3 PEDESTRIAN AND BICYCLE BRIDGE
- connecting Vester Voldgade to Christianshavn and Islands Brygge



- 4 PEDESTRIAN LINK BETWEEN ROYAL LIBRARY AND HAVNEGADE



Summary - The big picture



OMA Project proposal 2011

Byplads at night



Kig fra Langelinie

OMA Project proposal 2011

2005

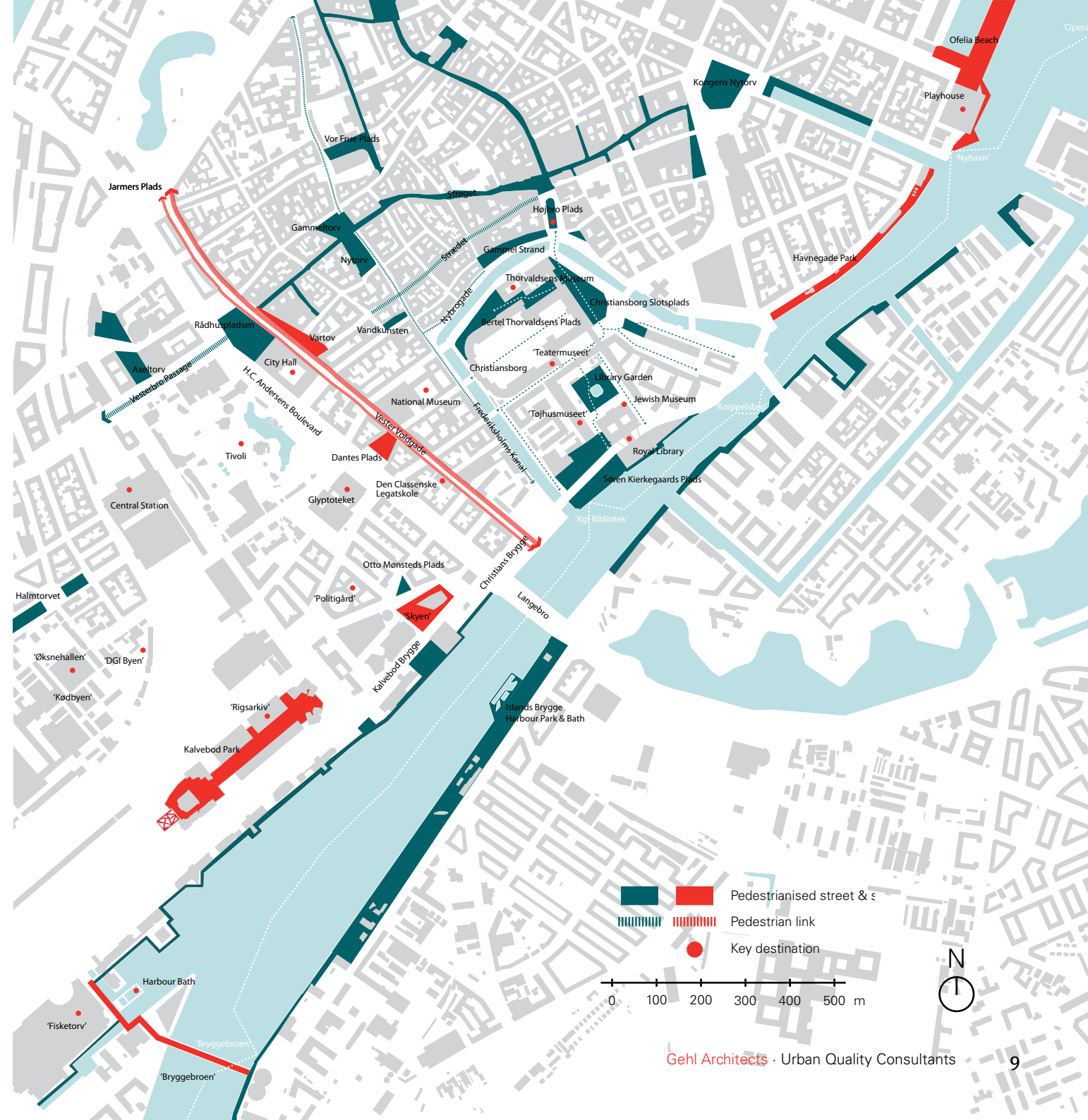
- An area of opportunities

The map shows the development of pedestrianised streets, upgraded pedestrian connections and public spaces - squares, parks etc. besides selected key destinations in Copenhagen up to 2005.



2011

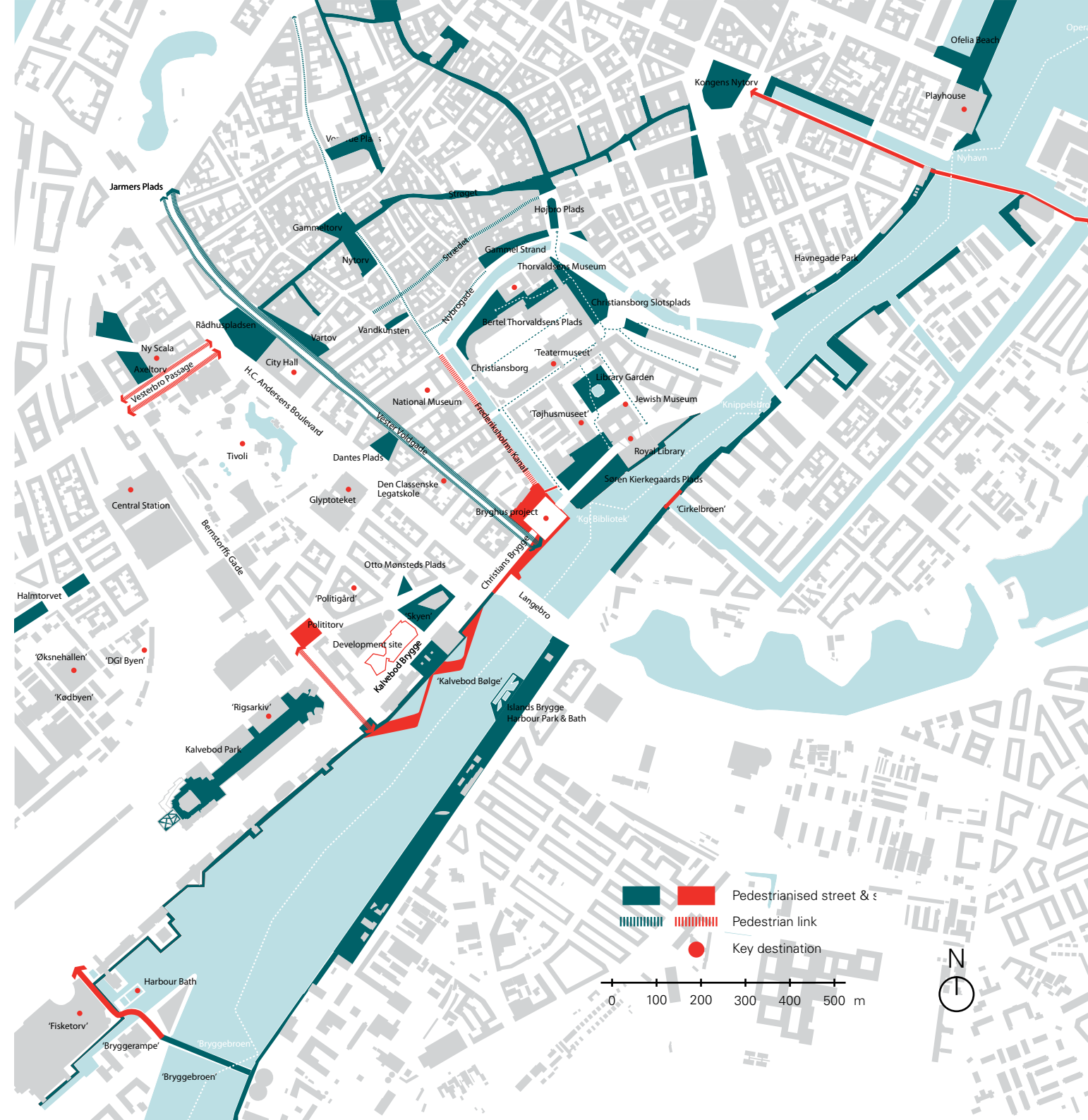
- New recreational spaces at the waterfront



The map shows the development of pedestrianised streets, upgraded pedestrian connections and public spaces - squares, parks etc. besides selected key destinations in Copenhagen from 2005 - 2011

2015

- A new destination by the water
- Restoring missing links
- Strengthen the cultural and recreational waterfront
- Activating the area

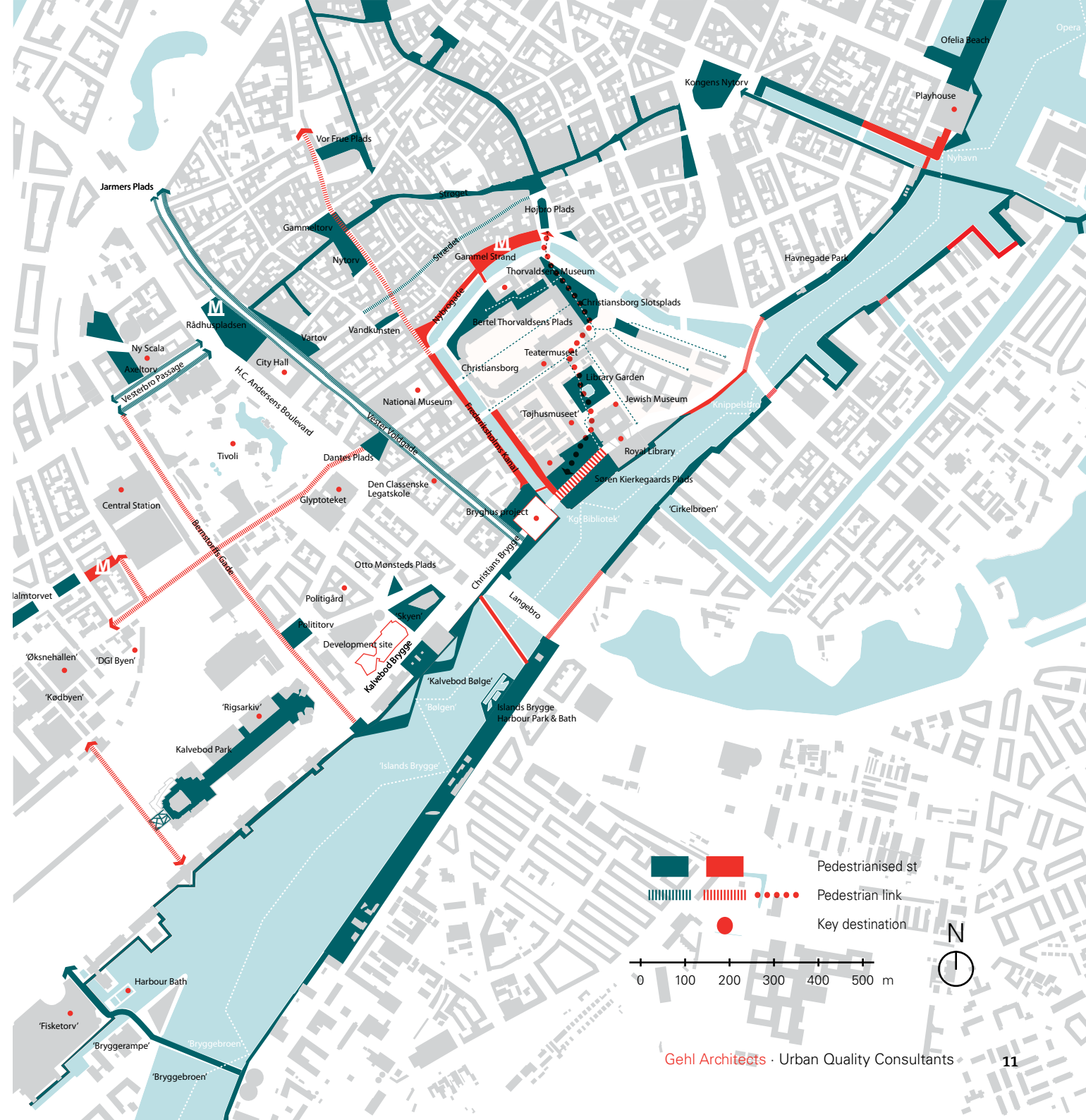


The map shows the development of pedestrianised streets, upgraded pedestrian connections and public spaces - squares, parks etc. besides selected key destinations in Copenhagen from 2005 - 2011 including projects planned to be established within the period.

Vision

- Towards a waterfront city

The map shows the development of pedestrianised streets, upgraded pedestrian connections and public spaces - squares, parks etc. besides selected key destinations in Copenhagen from 2005 - 2011 including projects planned to be established 2015 - 2018 and finally a range of visionary initiatives to strengthen Copenhagen as a city connected to the water.

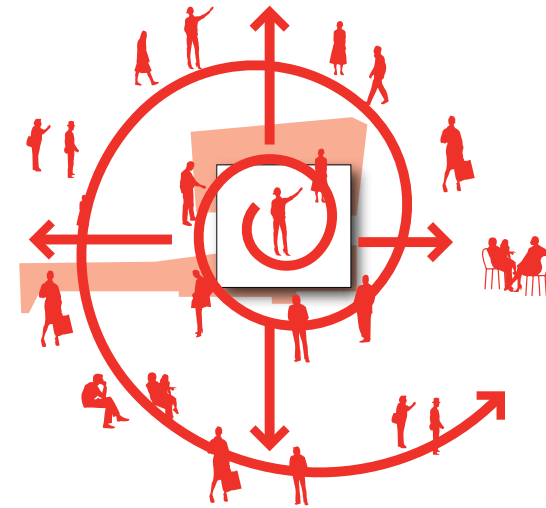




OMA Project proposal 2011

Kig til Legeplads & Byplads

Benefits of an urban activity node



1

DESTINATION

- Attracts people - generates new pedestrian and bicycle flows
- Puts the local area on the mental map
- Enlivens the area
- Creates a richer city experience
- A tourist destination

2

CONNECTING

- A meeting place for people creating new social and professional connections
- Can become a network anchor
- Establish new connections to the surrounding areas
- Establish new connections to other functions

3

INCLUSIVE & ACTIVE

- Brings a variety of user groups to the area
- Is active at all times of the day and evening
- Stimulates body and mind

4

CATALYST FOR CHANGE

- Generates new visions for the area and reveals new potentials
- Creates spin-off effects
- Makes improvements to connections and surrounding areas more viable

Best practice references - Urban activity nodes



Playhouse for the Royal Theatre Copenhagen

Waterfront cultural institution as urban activity node

The establishment of the cultural destination by the waterfront that has strengthened links to the city and along the waterfront as well as created new reasons to spend time by the water.

Indoor and outdoor programmes:

Indoor:

three stages of varying size
foyer with restaurant, café and serving area
workshop
offices for administration
facilities for the actors; wardrobes, costumes, cantine, library

Outdoor:

Public area and waterfront promenade.

Ofelia beach offer a programme of free concerts, performances and exhibitions from june to september:

two scenes
dance terrace
beach volleyball
Speakers corner
beach bar
seating landscape



Main entrance and waterfront promenade around the building



Transparent and flexible foyer facing the water



Ofelia Beach, temporary outdoor cultural area adjacent to the playhouse established summer 2011

London South Bank

London South Bank Cultural institutions and waterfront as urban activity node

A chain of culture institutions linked together by a revitalized waterfront

Mixed programme:

Art
Theatre
Exhibitions
Music
Film
Free events and activities

Attracting all kinds of user groups, 24-7

Flexible spaces open to the public
offer opportunities for a wide range of activities

Inviting indoor and outdoor spaces makes people linger

- pedestrianized area, including pedestrian bridges
- Housing
- Culture - public access free of charge
- Office
- Shops and restaurants



The Royal Festival Hall



National Theatre



Tate Modern



Bryant Park New York

public space as an urban activity node

The upgrading of Bryant park in to a vibrant and inclusive public space has been a successful catalyst for change in the surrounding area.

Programmed events:

- Film festivals
- Musical performances
- Fashion shows
- Open-air library
- Readings and lectures
- Yoga
- Ice skating

Permanent activities:

- Restaurant and café
- Free rest rooms
- Movable chairs
- Wireless internet

Managed by the private nonprofit Bryant Park Corporation



Size: 39.000 m²
Daily attendance:
20 people/100 m²
Yearly visitors: 4.2 million
Median stay: 35 minutes
Staff: 55 people (security, sanitation, gardening, events)
Operating budget:
\$2.9 million (2000)
Hours: 7 am -11 pm (summer), 7 am -7 pm (winter)



Federation Square Melbourne

cultural hub and public space as urban activity node

A city centre cultural hub and public space with both indoor and outdoor public activities, a major meeting place for a variety of user groups.

Programmed events:

- Exhibitions
- Event launches
- Performances
- Forums
- Films
- Concerts
- Fashion shows
- Workshops

Permanent activities:

- Rent a bike
- The Melbourne Mobility Centre
- Australian Centre for the Moving Image Galleries
- BMW Edge, a glass theatre
- Restaurants and cafés

Free permanent activities:

- Melbourne Visitor Centre
- "Behind the scenes" tour of Federation Square
- The Ian Potter Centre - a collection of Aboriginal art
- NGV Kids Corner
- The Atrium



Media Evolution City Malmö

Innovation and business cluster as urban activity node

The media sector's centre for innovation and growth that brings the collective knowledge of a network cluster in to a physical hub.

Media Evolution network

Supports all media sectors – not just one
TV, Film, entertainment, web, mobile
platforms, games, communication, academia,
publishing, public sector

Organisation & Funding

14 staff
180 members
Started in 2006
Yearly turnover 28 million SEK

Start up funding: EU funds, Region Skåne,
Malmö Stad, Malmö Högskola, Region
Blekinge, Helsingborg stad, Scanvision,
Netport

Activities & projects

Business development
Innovation & development
Venues
Business Intelligence
Games & learning



Conference held by Media Evolution
Photo: nollpunkt flickr.com



The new address for the national television broadcaster, SVT
Photo: s_p_o_c on flickr.com

Media Evolution City - The building

Will be completed in March 2012
7.500 m2
Offices to rent in all sizes, from 1-150 staff
Will host 400-500 people from small and large companies
Open 24/7
Public ground floor
Meeting point

Meeting point - Shared facilities

Access to facilities for meetings, conferences, exhibitions
etc. at the Meeting Point. Open to anyone, discounts for in-
house offices.



SVT broadcasting a tv show for children.
Photo: Buresk flickr.com

The City to the waterfront

Strøget 1962

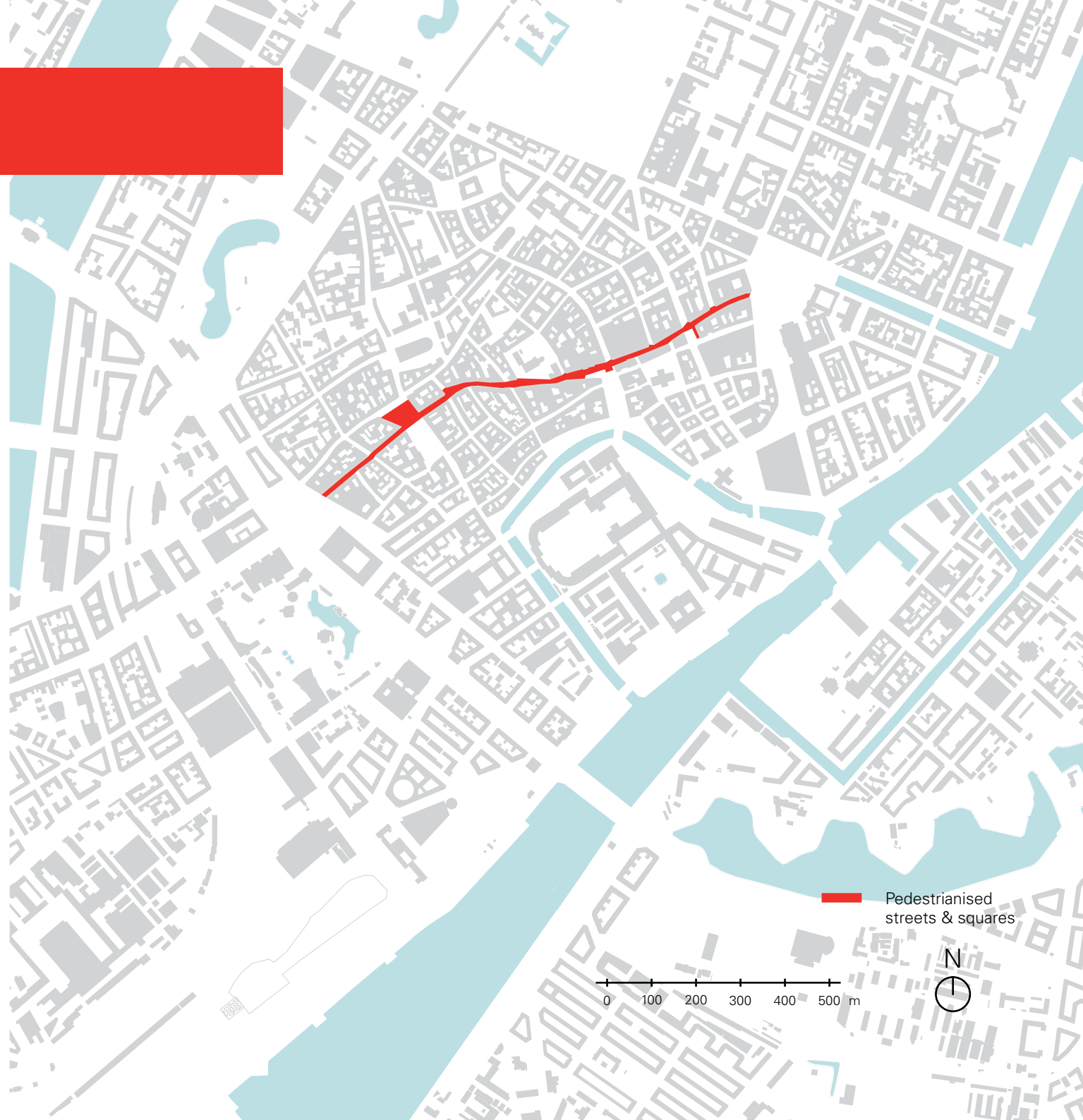
Developing a pedestrian network over time...

- The first step & starting point pedestrianising Strøget, 1962

A strong vision and a long term strategy

- From fast to slow city
- A change from car-oriented to people-oriented city centre
- Small and well-planned stages to reduce traffic impact
- An on-going process to create a coherent network of pedestrianised links and public spaces

The map shows the development of the pedestrian landscape and public spaces in Copenhagen centre



Pedestrian network 1973

Calming of the centre...

- A network under way, 1973
49.200 m² carfree streets and squares

The map shows the development of the pedestrian landscape and public spaces in Copenhagen centre



Situation 2011

Still expanding the network...

- More diversity, 2011

The map shows the development of the pedestrian landscape and public spaces in Copenhagen centre

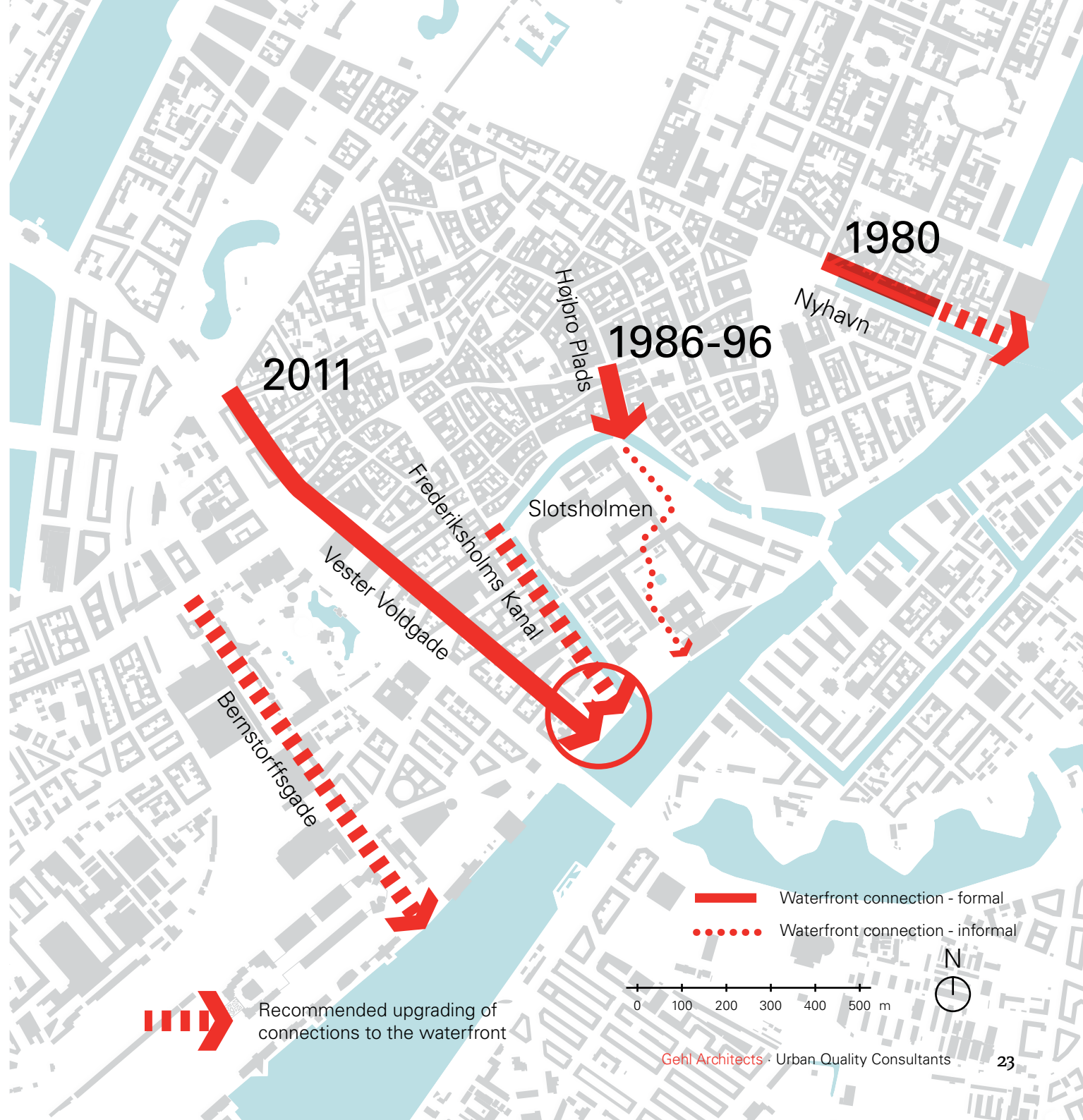


Reaching out to the water...

Developing links to the waterfront

- Nyhavn partly pedestrianised, 1980
- Højbro Plads - car-free, 1986 / renovated 1996 provides access to the 'secret' pathways of Slotsholmen
- Slotsholmen - a 'filter through' area
- Vester Voldgade upgraded, 2011
- Frederiksholms Kanal - potential upgraded connection
- Bernstorffsgade - potential upgraded connection
- Nyhavn - completely pedestrianised - potential upgraded connection

The map shows the development of links connecting the city to the water



Life in the area

Distribution of primary functions



Housing & Hotels

- Housing areas as islands
- Scattered hotels

- Hotel
- Housing and service
- Housing



Office

- Dominant office precincts

- Public use
- Service



Cultural destinations

- Cultural enclaves

- Cultural destination



'Night life'

- Central 'night life' areas

- Restaurants/ Bar/ Café

The maps depict distributions and concentration of functions generating life in the area during day and night

Functions promoting life and activity in the area during different times of day and week



Weekday - daytime

- Office, culture, public use, hotels



Weekday - evening

- Housing, hotels, restaurants/ cafés



Weekend - daytime

- Housing, hotels, culture



Weekend - evening

- Housing, hotels, restaurants/ cafés

2015 - Bryghus project contribution

- Adds a multifunctional node promoting activity during day and night time, weekday and weekends

Co-players in the area

Completed and planned projects 2005 - 2015 and some future visions

Vester Voldgade area

1. Vester Voldgade - Street upgrade and traffic calming (2011)
2. Vartov - Public space (2011)
3. Dantes Plads - Upgrading (2011)
4. Den Classenske Legatskole - 'Street' schoolyard (2012)

Frederiksholms Kanal area

5. Frederiksholms Kanal - Street upgrade (vision)

Slotsholmen area

6. Søren Kierkegaards Plads - Square upgrade and new functions (vision)
7. Slotsholmen - Wayfinding system (on-going)
8. Chr. 4. Bryghus - Revitalisation - new function (investigation)
9. Tøjhusmuseum - New entry facing Søren Kierkegaards Plads (vision)

Waterfront

10. Opera - Cultural node (2005)
11. Playhouse - Cultural node (2008)
12. Ofelia Beach - Public event space (2010)
13. 'Inderhavns' bridge - Pedestrian and bicycle bridge from Nyhavn to Christianshavn - connector (on-going)
14. 'Havnegade' - Harbour park and promenade (2011)
15. Link to Langebro - Upgraded access for pedestrians and bicyclists (vision)

16. Area under Langebro - Upgrading and new functions (vision)
17. Islands Brygge Harbour park and Harbour bath - Public park and bath (1991 - 2003)
18. 'Kalvebod Bølge' - Recreational space by the water (2012)
19. Harbour bath - Harbour bath at Fisketorvet (2003)
20. 'Bryggebroen' - Pedestrian and bicycle bridge across the harbour - connector (2006)
21. 'Bryggerampen' - Ramp to Bryggebroen from Fisketorvet - connector (on-going)

Kalvebod Brygge area

22. 'Skyen' - Public space (2011)
23. 'Kalvebod Brygge West' - Public space / park (2010)
Area for urban development and connection to Vesterbro (on-going)
24. 'Polititorvet' - Upgrading of public space and connection to the water ('Polititorvet and Bernstorffsgade) (on-going)
25. 'Vesterbro Passage' - Traffic calming (on-going)

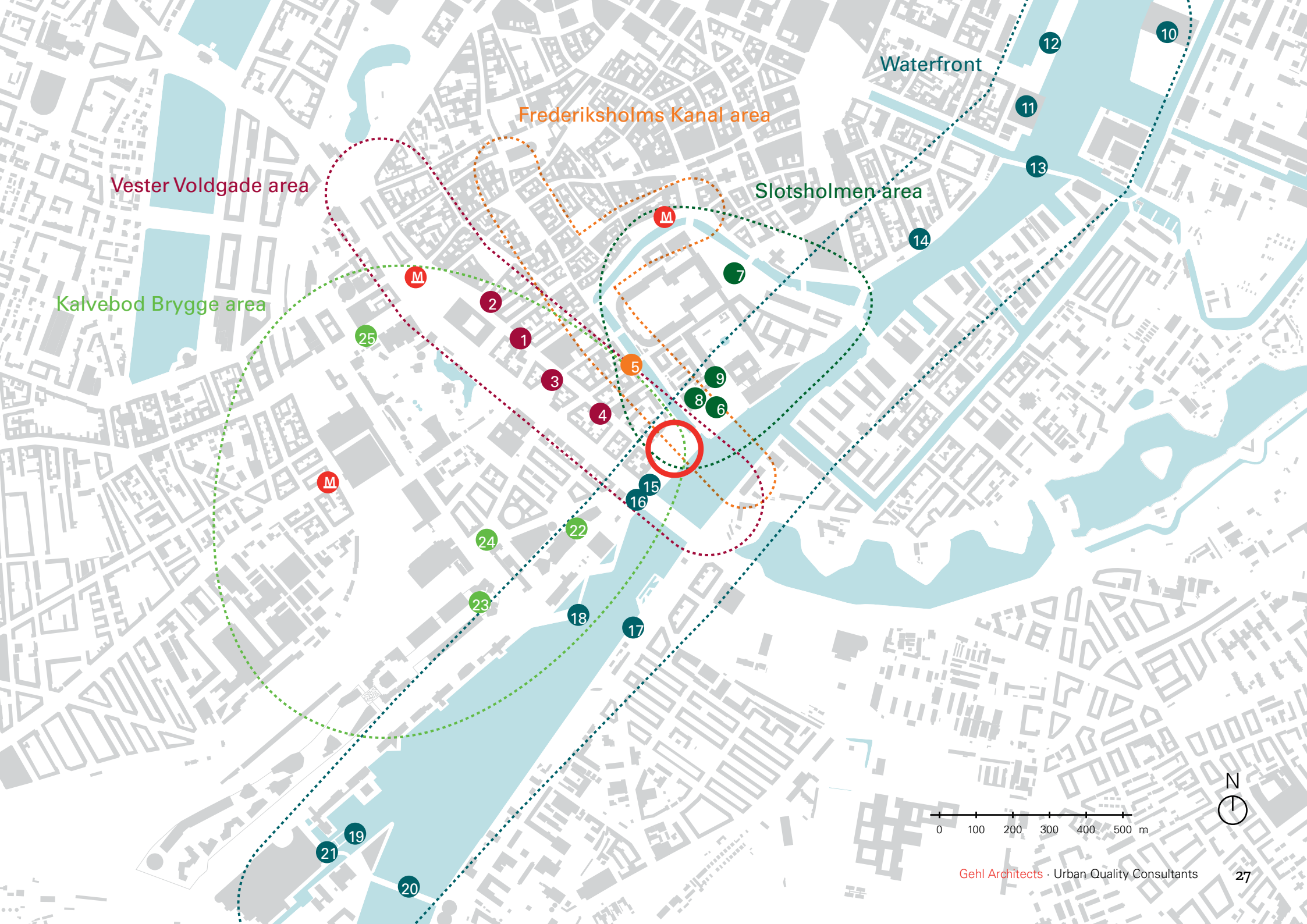
The Cultural route

Cultural between cultural institutions in the neighbourhood

The Metro - future 'City circle line'

New Metro stations at 'Gammel Strand', 'Rådhuspladsen', 'København H' (2018)





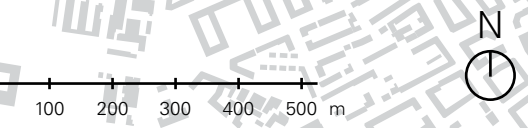
Vester Voldgade area

Frederiksholms Kanal area

Slotsholmen area

Kalvebod Brygge area

Waterfront



Vester Voldgade area



An important linkage between the central city square and the waterfront

Linking central city to the water

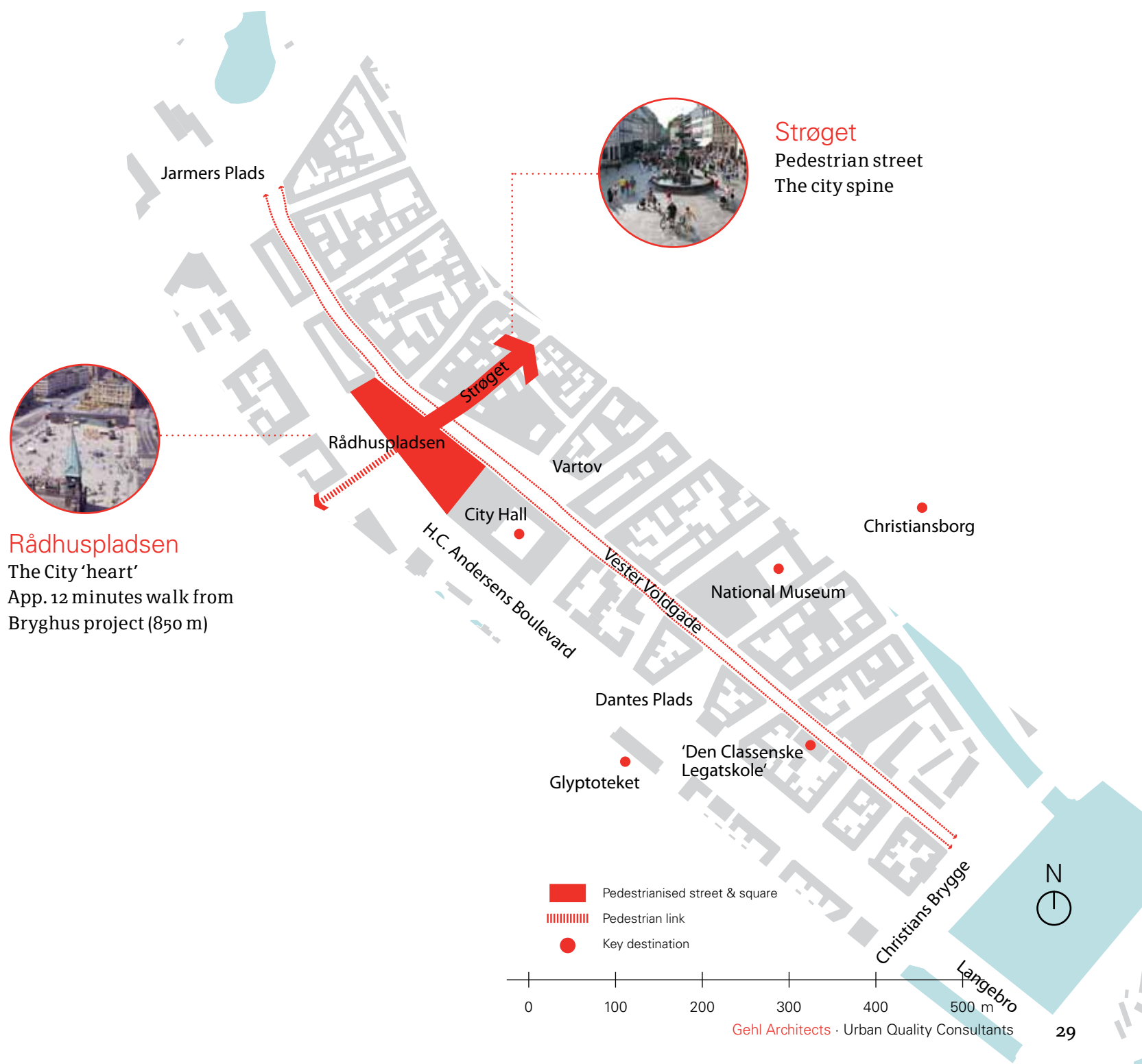
- An upgraded connection to the waterfront
- New public spaces for recreation
- New street layout prioritises pedestrians and bicyclists - widened sidewalks and new bicycle lanes

Challenges

- Christian Brygge constitutes a traffic barrier towards the water
- On street parking along Christians Brygge towards the Harbour Park



Vester Voldgade - 2005



Vester Voldgade - 2011



Vester Voldgade upgrade 2011

Street upgrade - in progress

prioritises pedestrians and bicyclists

- widened sidewalks, new bicycle lanes and upgraded adjacent public spaces for recreation and meetings
- traffic calming

Den Classenske Legatskole 2012

Forecourt - in progress

- 'street school yard' for pauses and play

Dantes Plads 2011

Public square - completed

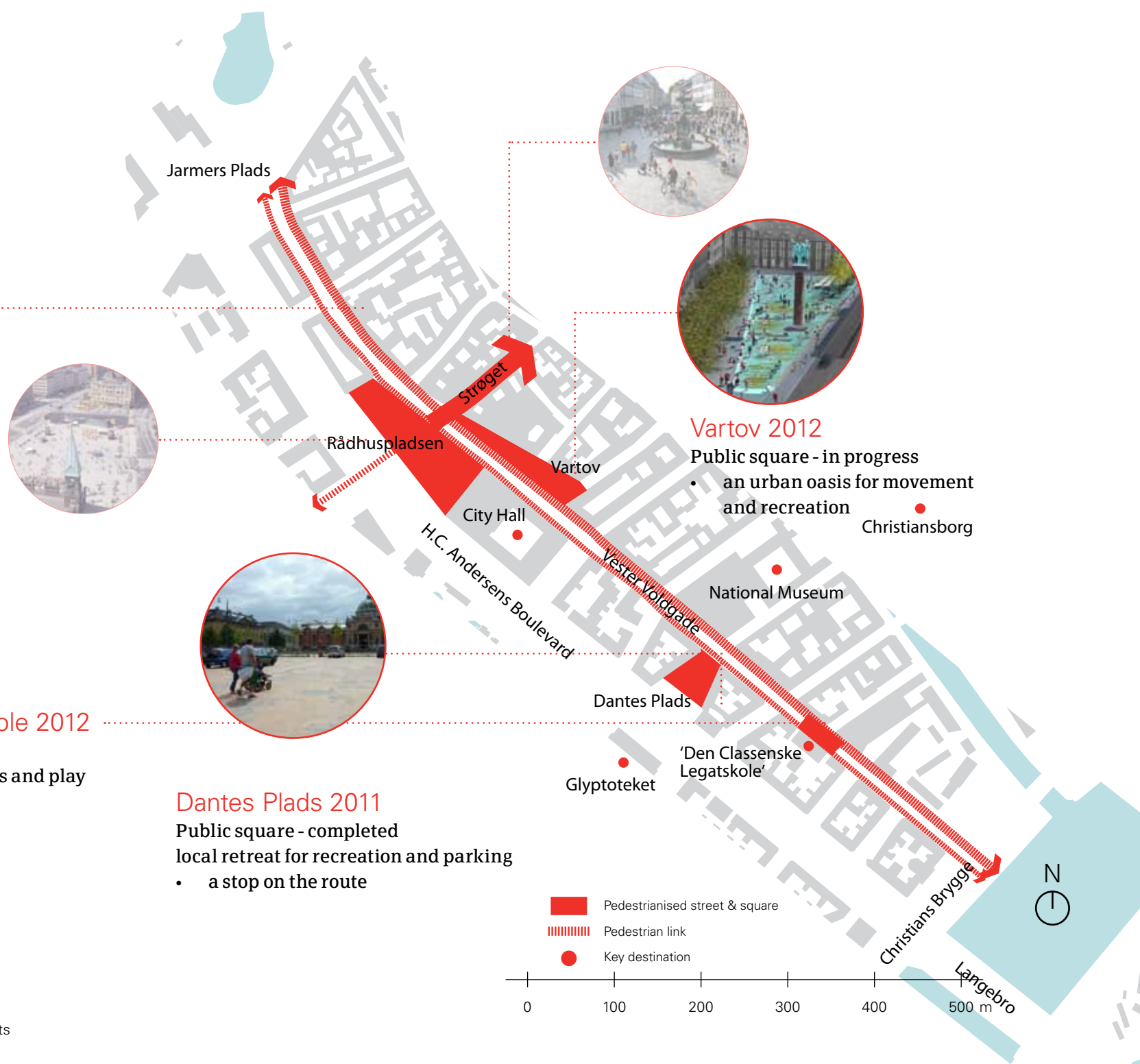
local retreat for recreation and parking

- a stop on the route

Vartov 2012

Public square - in progress

- an urban oasis for movement and recreation



Vester Voldgade - 2015



Bryghus project 2015

A cultural and recreational node

- Adds a linkage to the water
- Adds major public spaces to the connection
- Completes the upgrading of Vester Voldgade
- Makes up a key destination
- Constitutes the 'missing piece' in the puzzle
- Improves pedestrian access under Langebro



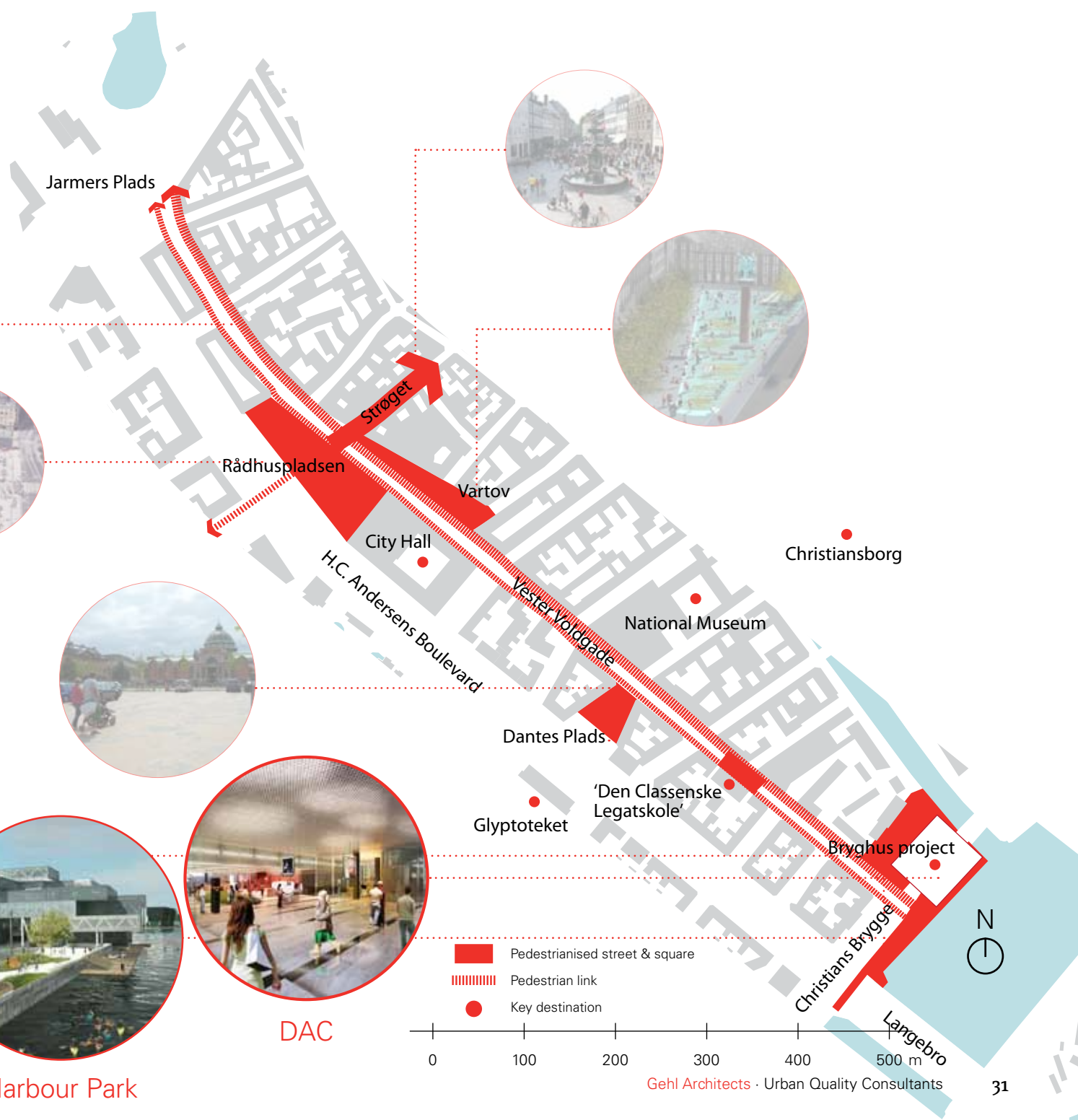
City Square & Playground



Harbour Park



DAC



Vester Voldgade - 2015 Strengthen focus point at the waterfront

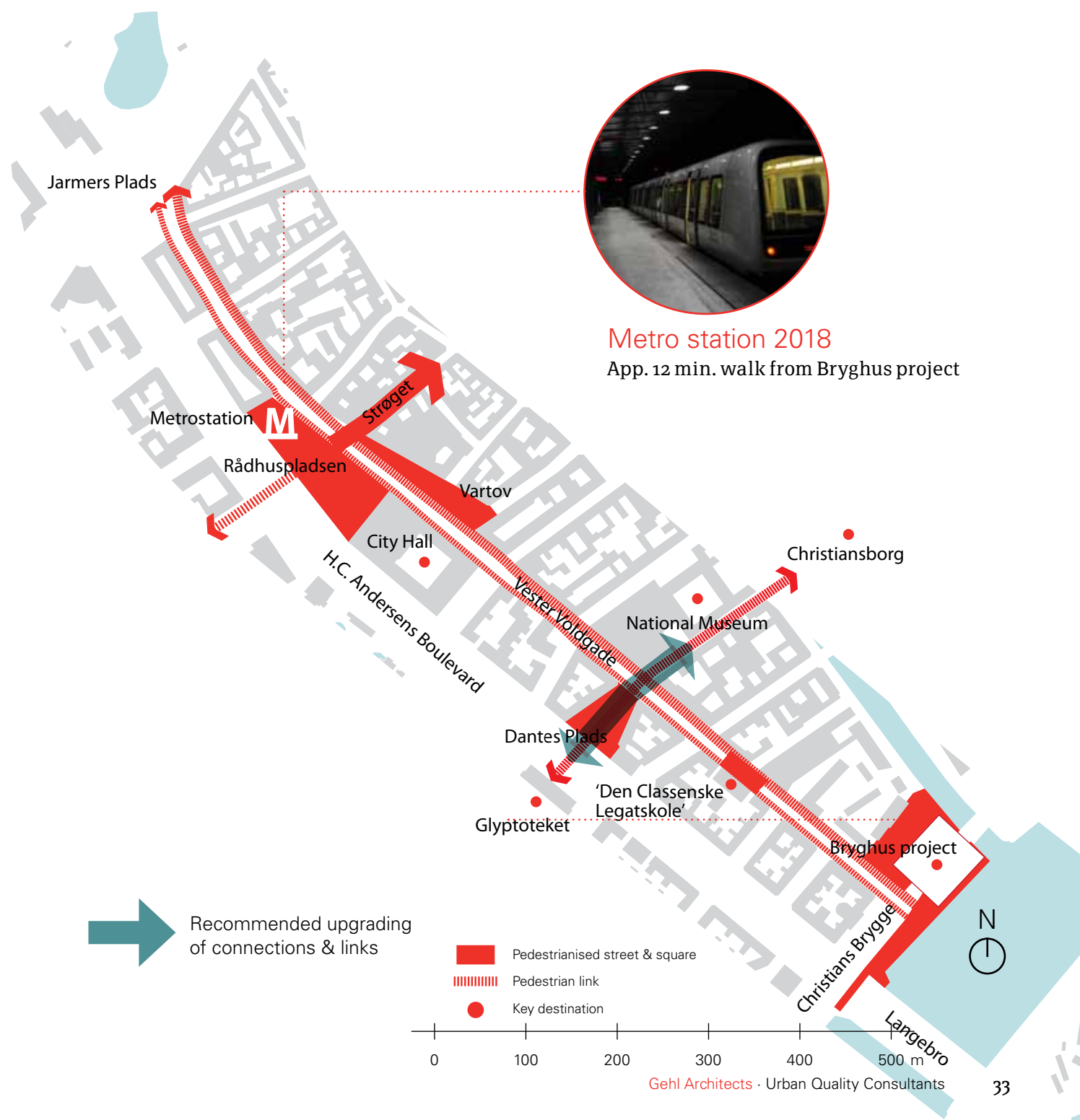


OMA Project proposal 2011

Vester Voldgade - Vision

Potentials to be developed

- Cultural link - Glyptoteket to Slotsholmen - Christiansborg and other cultural institutions



Metro station 2018

App. 12 min. walk from Bryghus project

Frederiksholms Kanal area

Key connection between Bryghus project and the central pedestrian network

Extend the pedestrian network to the water

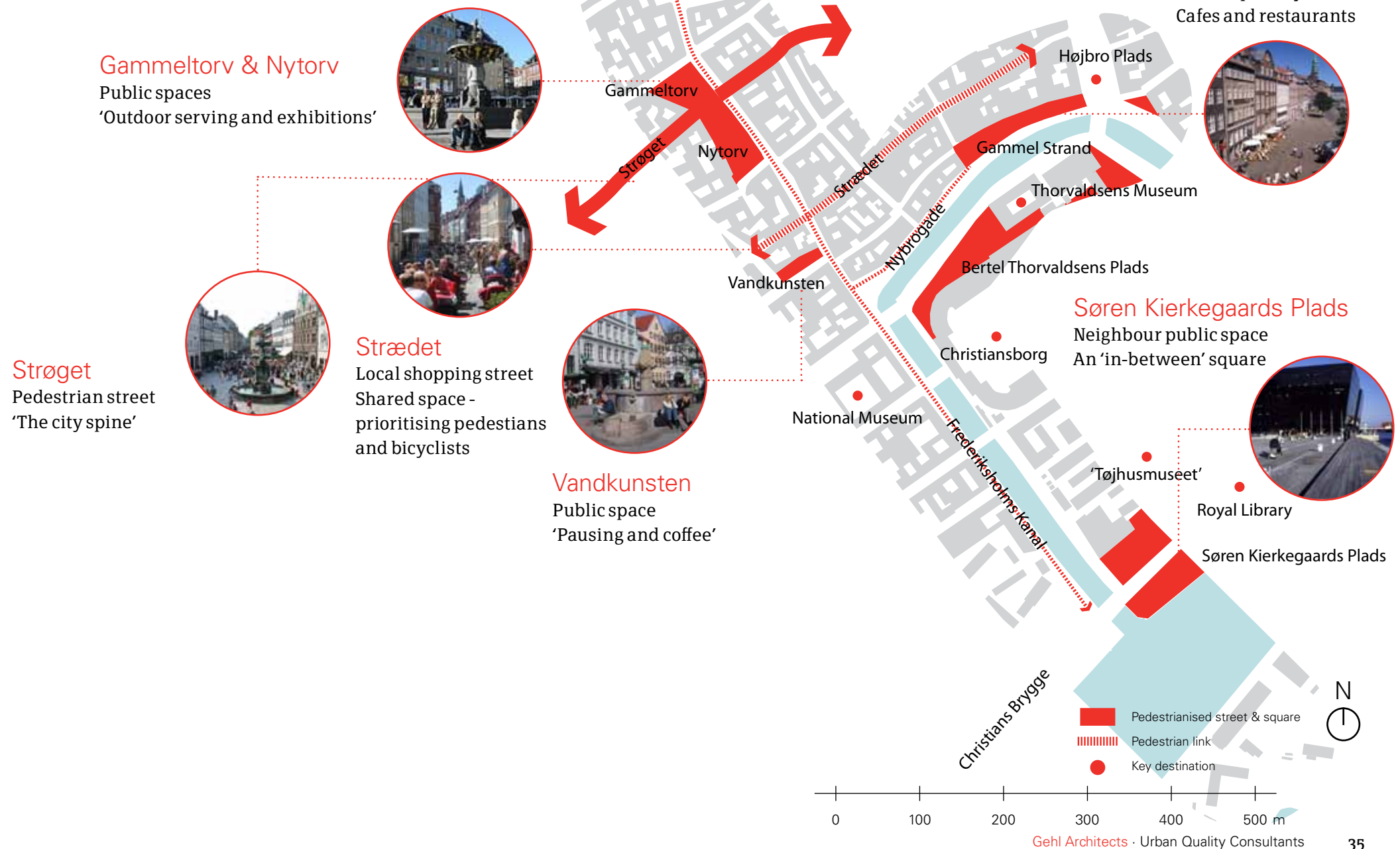
- An evident connection between the city centre and the water
- A characteristic and distinct canal environment
- A historic setting with cultural functions and institutions
- Proximity to popular visitor destinations
- A great view towards the water
- A key link between the new Gammel Strand metro station and the waterfront

Challenges

- Limited public seating - few benches
- Extensive on street parking downgrades the streetscape and take up space for other activities
- Christians Brygge constitutes a traffic barrier towards the water



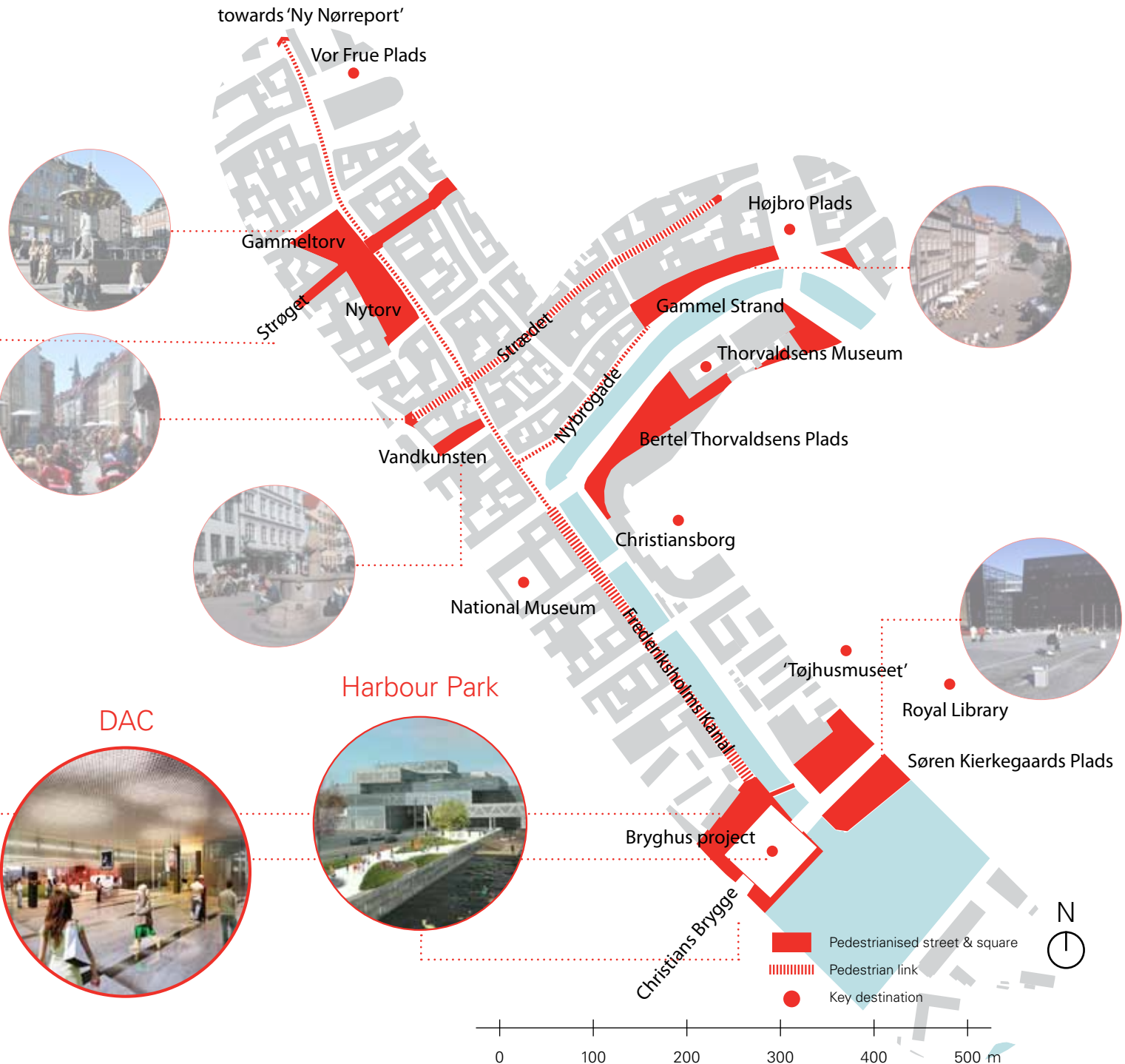
Fredriksholms Kanal - 2005 & 2011



Fredriksholms Kanal - 2015

Bryghus project 2015

- Adds a key destination and anchor point finalising the movement along Frederiksholms Kanal
- Adds a linkage to the water
- Adds new public spaces and activity to the canal environment
- Increases pedestrian and bicycle flows in Frederiksholms Kanal
- New pedestrian and bicycle bridge to improve accessibility and integration with Slotsholmen



DAC

Harbour Park

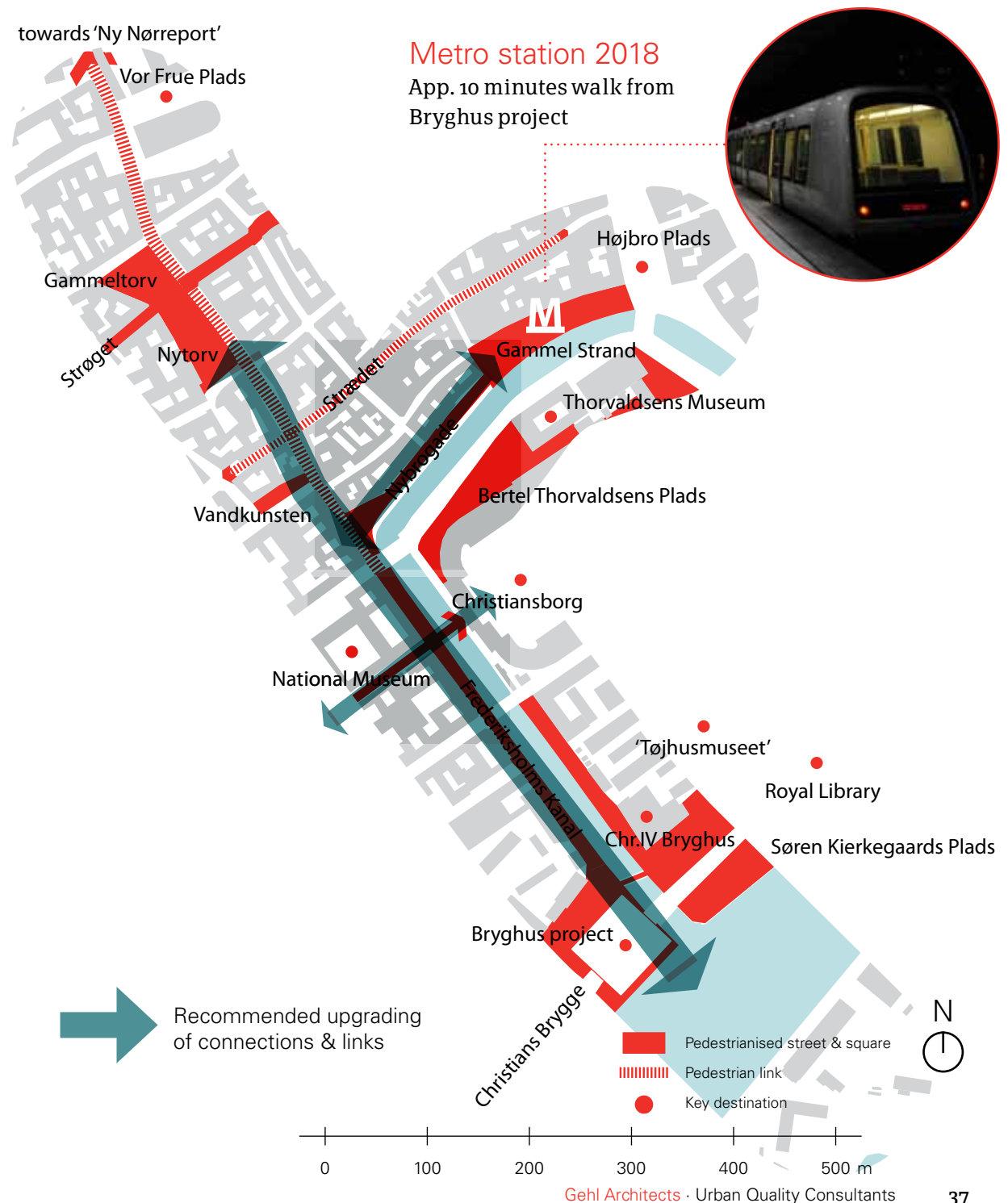
Bryghus project

City Square & Playground

Fredriksholms Kanal - Vision

Potentials to be developed

- Upgrade of Fredriksholms Kanal as a shared space/ car free street making up a direct linkage to the pedestrian network - Strøget and Strædet
- Reduce on street parking and increase recreational opportunities
- Connection to the new metro station at Gammel Strand
- Strengthening the cultural link - Glyptoteket to Slotsholmen - Christiansborg and other cultural institutions



Frederiksholms Kanal - **Vision** A car-free street leading to waterfront



OMA Project proposal 2011

Bryhus Project - 2015 Strengthen recreational public spaces

OMA Project proposal 2011

Byplads at night

Slotsholmen area

An area rich in history and stories of the past and future, democracy and power

Strengthen the cultural and historical heart of Copenhagen

- The cultural next-door neighbour to the Bryghus project
- Significant and dignified structures and architecture
- A filter-through area between city and water
- Lush green spaces
- Secret routes and retreats
- Museums, culture and education

Challenges

- A majority of offices and administration
- Few evening active functions
- Søren Kierkegaards Plads appears deserted and inactive with poor climatic conditions and lack of attractions and identity
- Christians Brygge constitutes a traffic barrier

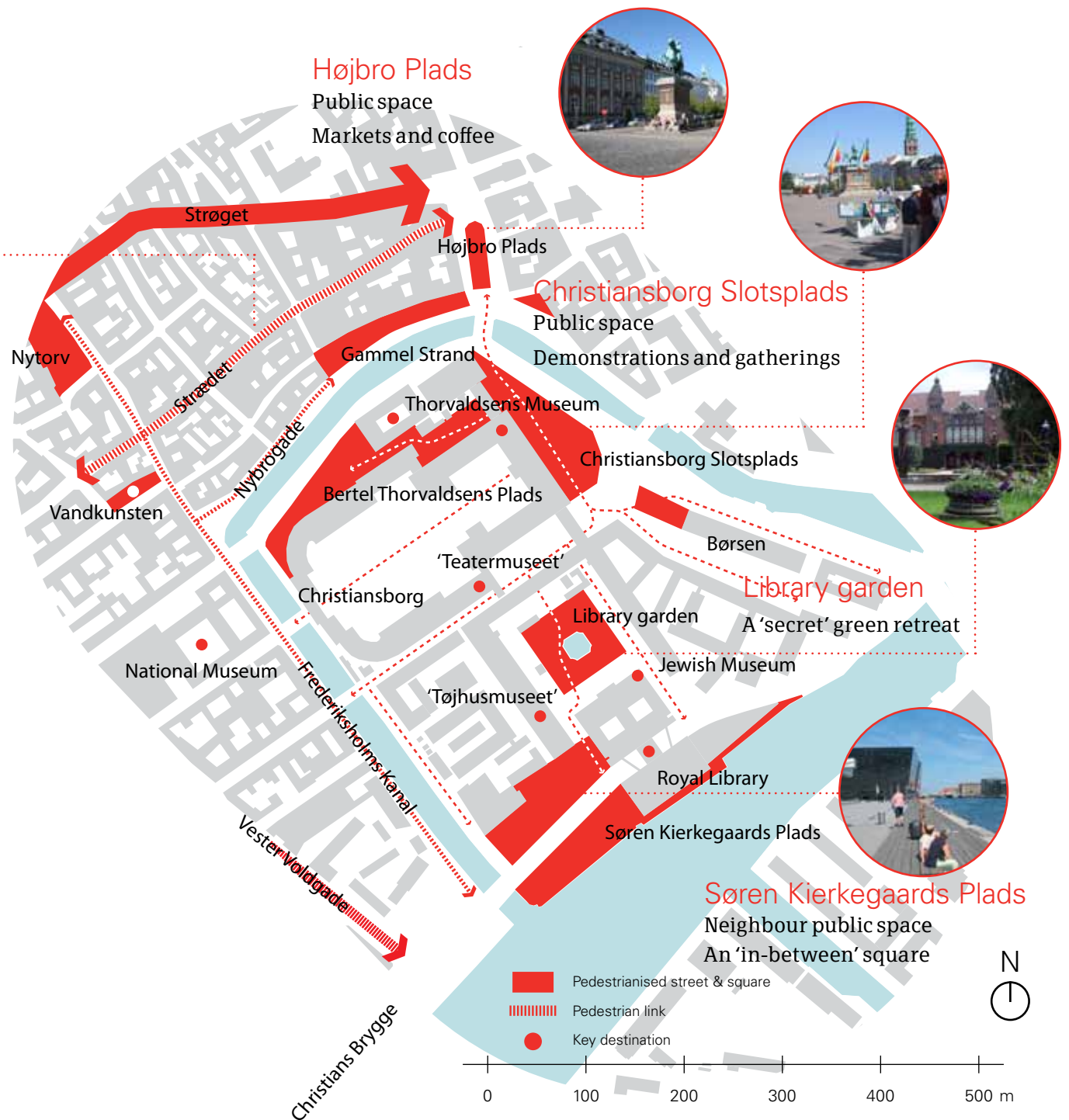


Slotsholmen area - 2005 & 2011



Strædet

Local shopping street
Shared space -
prioritising pedestrians
and bicyclists



Slotsholmen - 2015

Bryghus project 2015

- Composes a key cultural co-player in the area
- Constitutes a distinct backdrop for Søren Kierkegaards Plads
- Creates an improved spatial definition of Søren Kierkegaards Plads
- Creates a new active edge towards Søren Kierkegaards plads
- Activates Søren Kierkegaards Plads occasionally by temporary events
- Connecting bridge at Frederiksholms Kanal to improve accessibility and integration with the Bryghus project

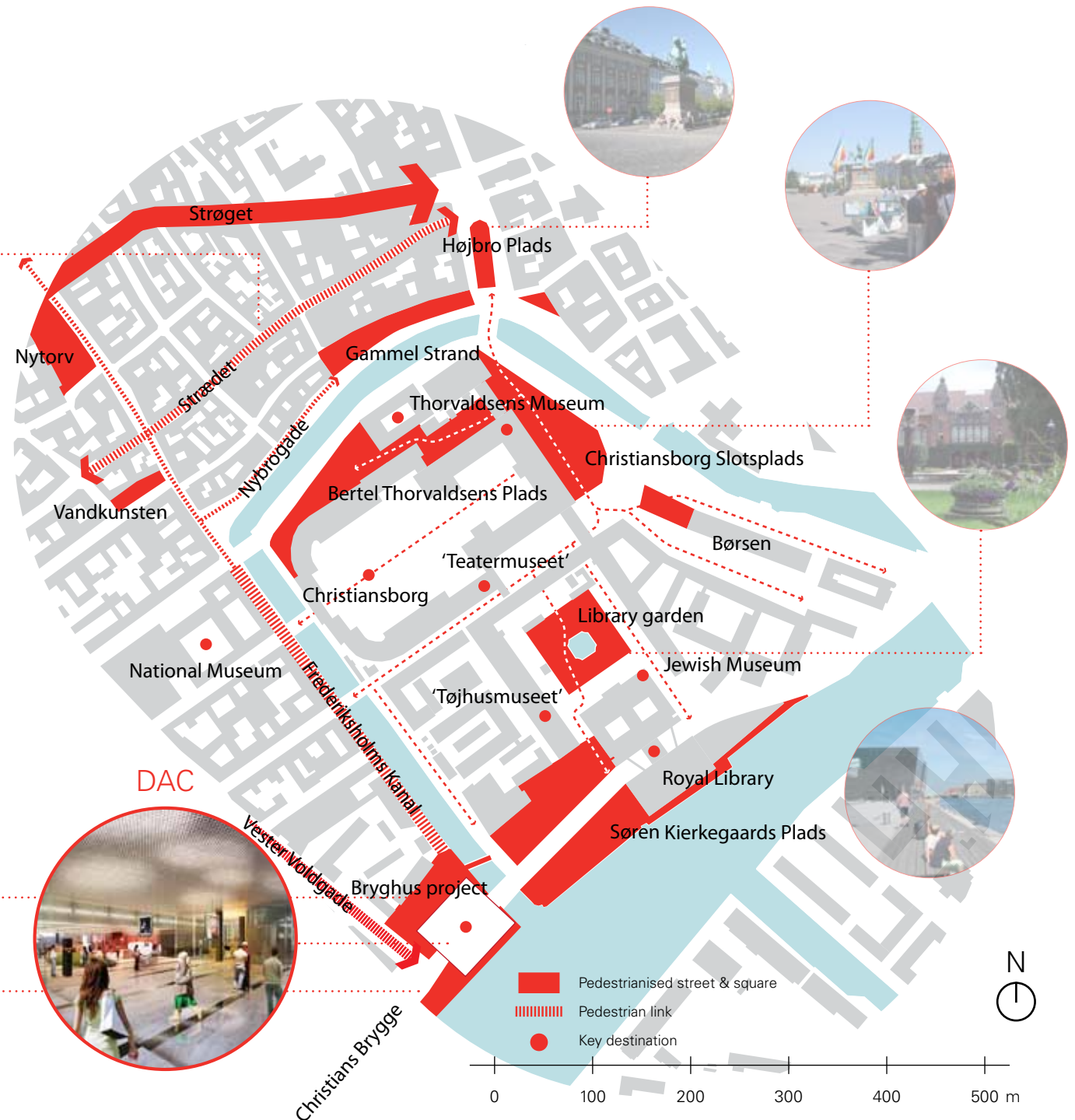
Harbour Park



City Square & Playground



DAC



Slotsholmen - 2015 Strengthen the cultural hub and spatial definition



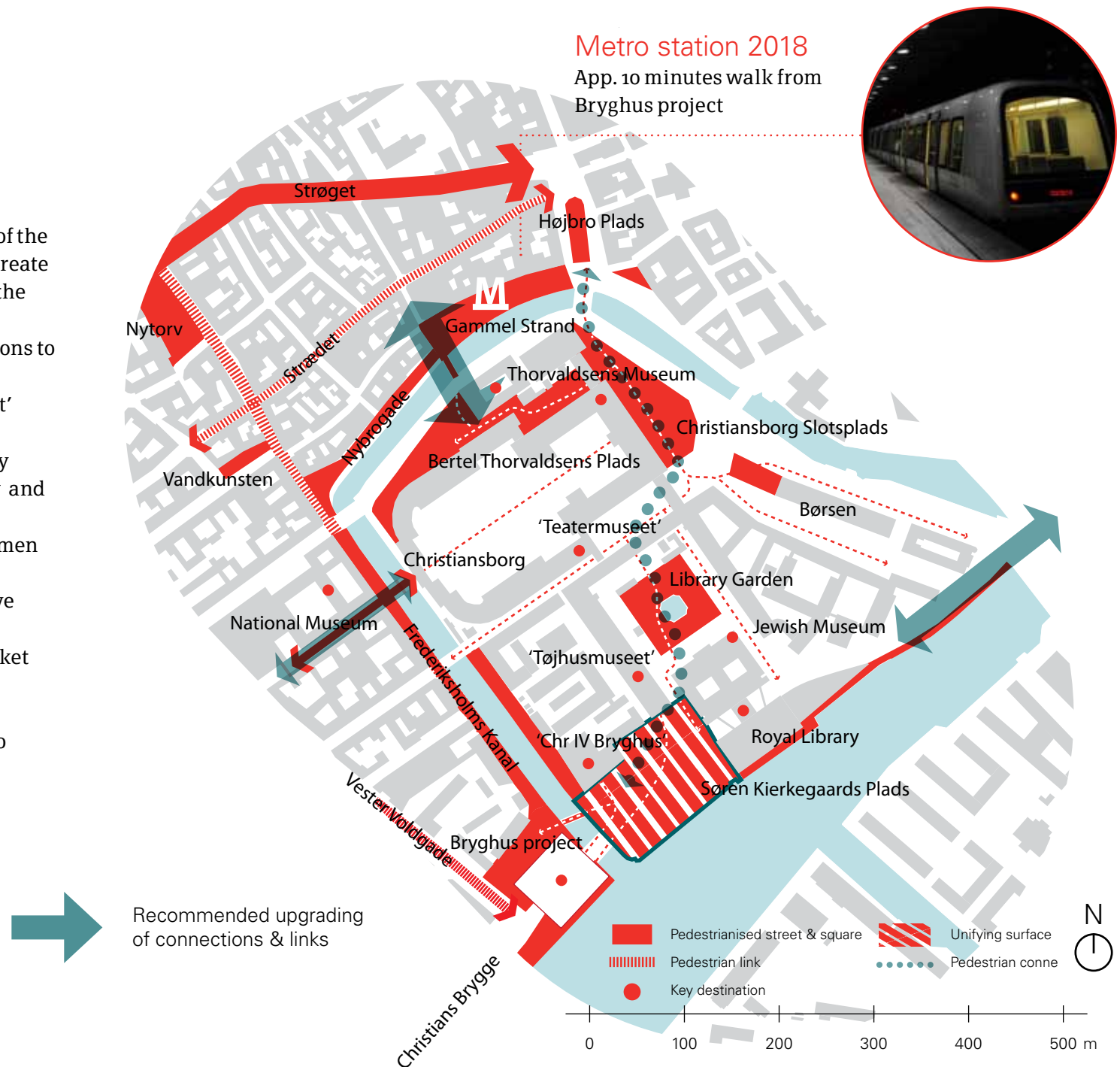
Kig fra Kierkegaard plads

OMA Project proposal 2011

Slotsholmen - Vision

Potentials to be developed

- Søren Kierkegaards Plads - revitalisation of the square with new layout and functions to create a fine counterpart and stepping stone to the Bryghus project
- Chr. IV Bryghus holding new public functions to promote synergy and diversity
- Possible new entry point to 'Tøjhusmuseet' from Søren Kierkegaards Plads
- Connecting bridge to improve accessibility and integration with the surrounding city and coming Metro station
- Strengthen connections through Slotsholmen linking to the waterfront
- A Slotsholmen 'slow traffic' core to improve urban and recreational quality
- Strengthening the cultural link - Glyptoteket to Slotsholmen - Christiansborg and other cultural institutions
- Improved pedestrian and bicycle access to Havnegade



Slotsholmen - Vision - Revitalise Søren Kierkegaards Plads

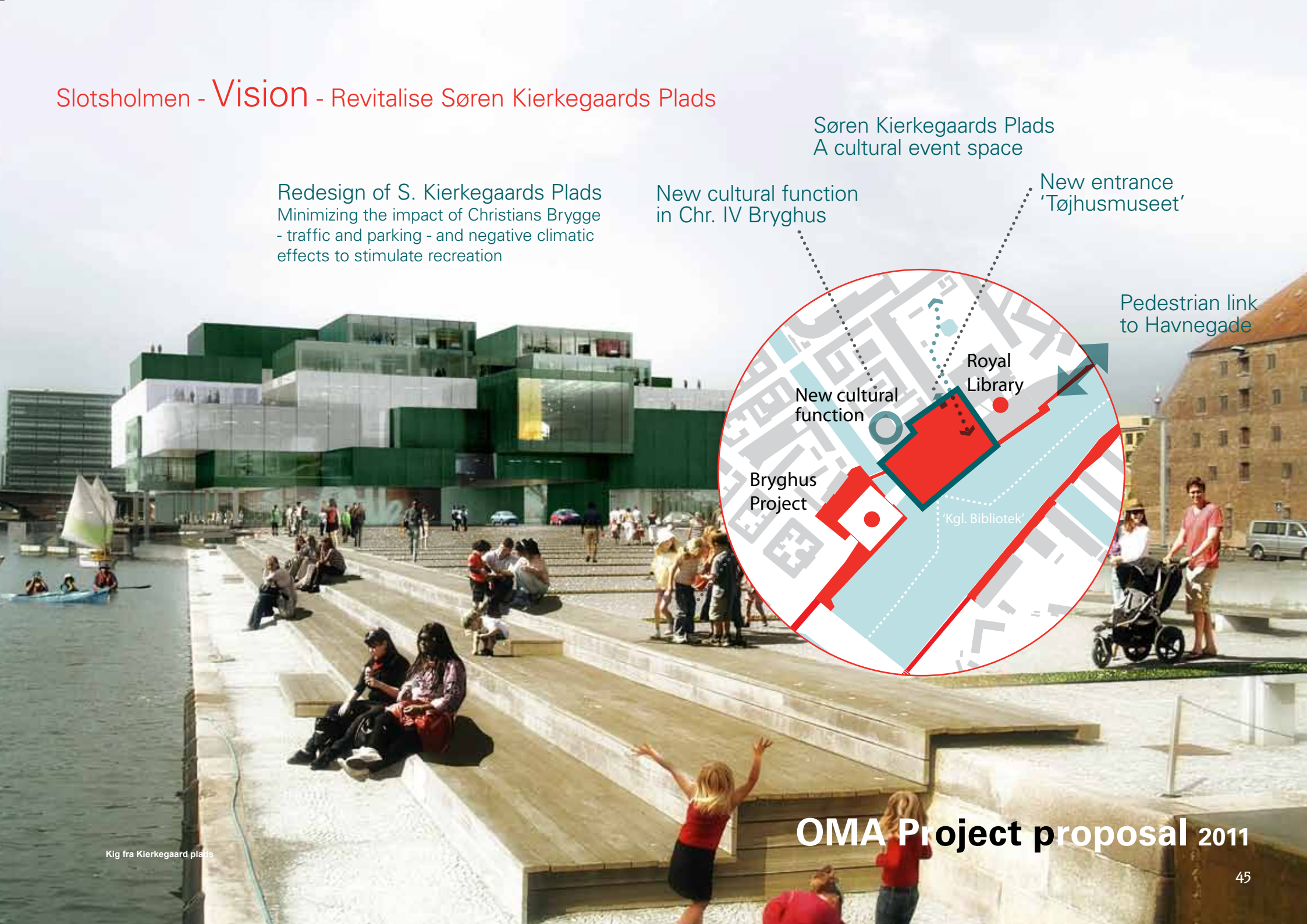
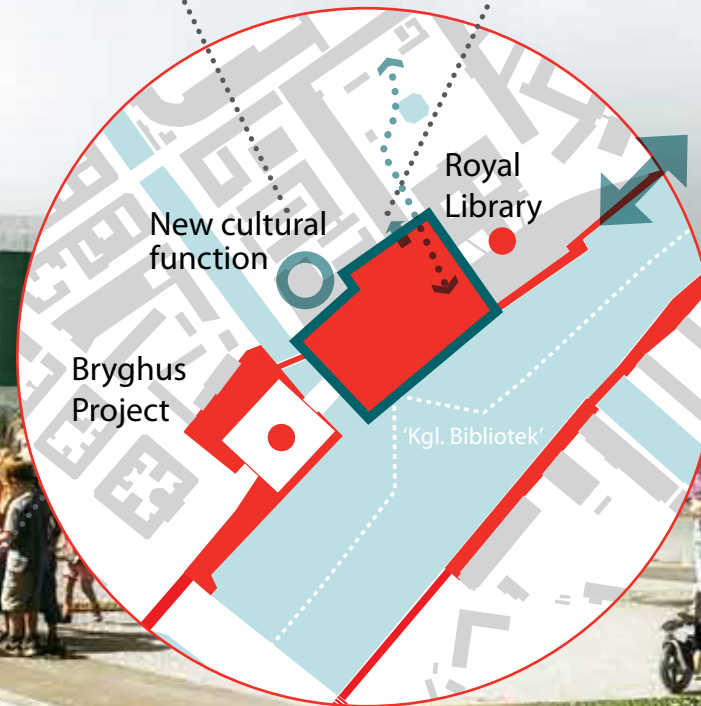
Redesign of S. Kierkegaards Plads
Minimizing the impact of Christians Brygge
- traffic and parking - and negative climatic
effects to stimulate recreation

New cultural function
in Chr. IV Bryghus

Søren Kierkegaards Plads
A cultural event space

New entrance
'Tøjhusmuseet'

Pedestrian link
to Havnegade



Kalvebod Brygge area

An area for on-going urban development and upgrading - a key linkage between the city and the water

Connecting Vesterbro to the water

- A future linkage of Vesterbro to the waterfront
- New and upgraded public spaces add more options for recreation and activity
- Significant new architecture

Challenges

- Mostly monofunctional business dominated by administration and bank head offices
- Mainly active during daytime
- Is experienced as an 'in-between' area and a rear side of the city
- Kalvebod Brygge constitutes a traffic barrier



Kalvebod Brygge area - 2005

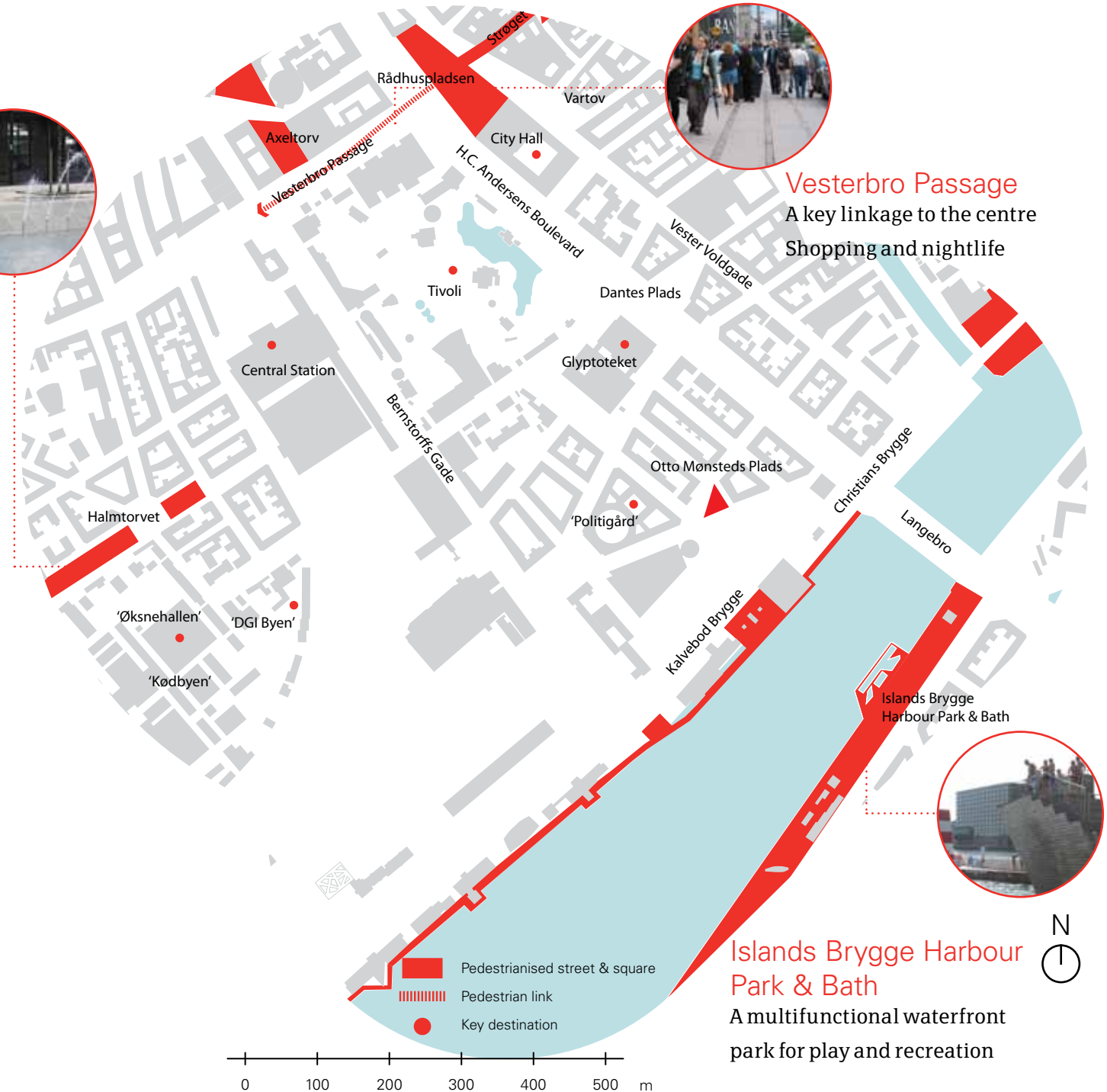
Halmtorvet

Public space
Local meeting place



Vesterbro Passage

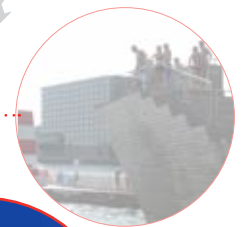
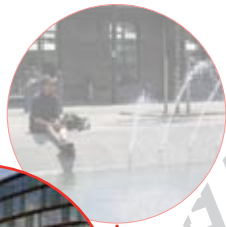
A key linkage to the centre
Shopping and nightlife



Islands Brygge Harbour Park & Bath

A multifunctional waterfront park for play and recreation

Kalvebod Brygge area - 2011

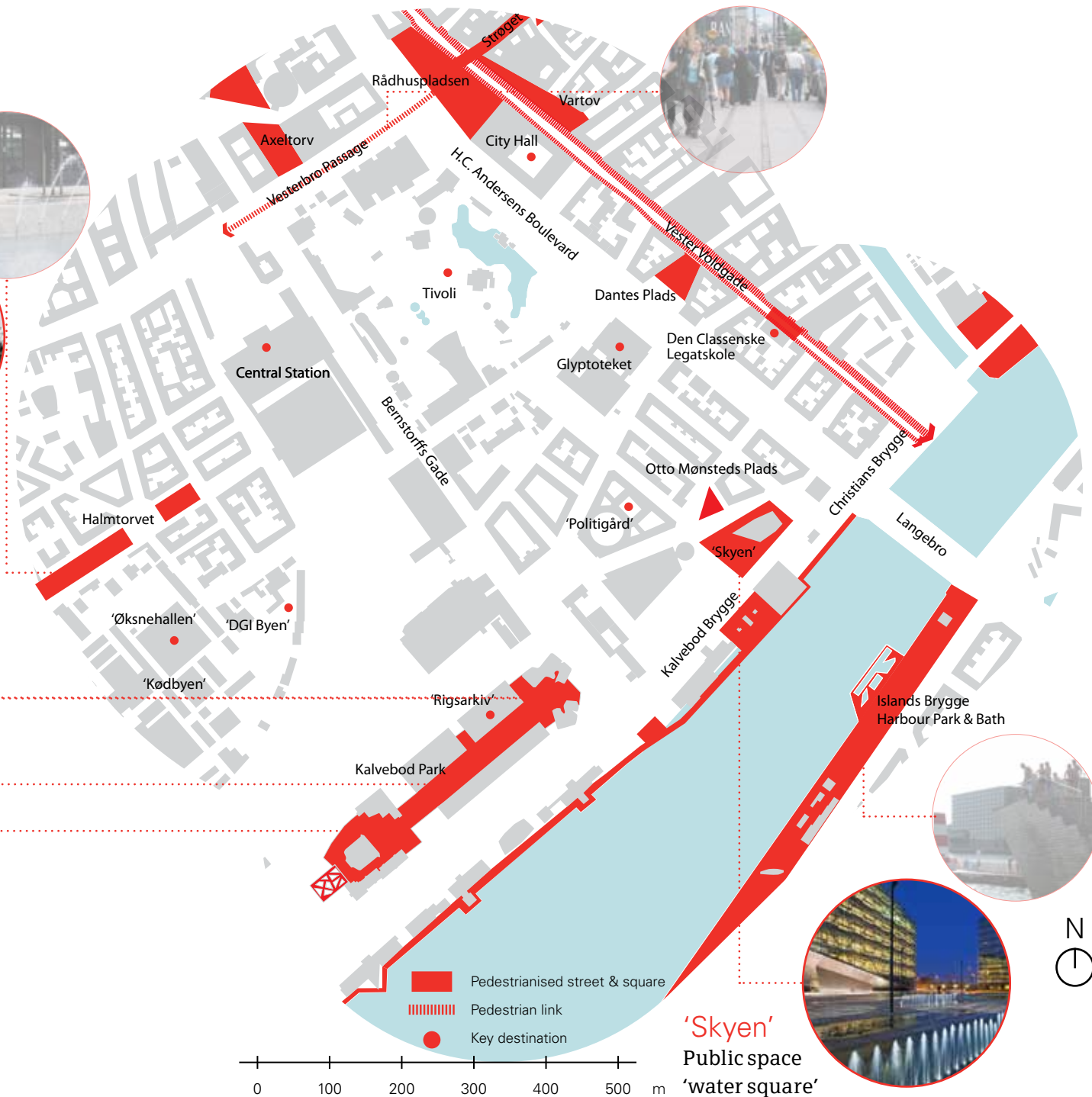


Kalvebod Park
'Rigsarkiv'
Tivoli Hotel & Congress Centre

Kalvebod Park

Connecting public space and park

- Future link to Vesterbro
- Green space for pausing and movement
- Hotel recreational space



Kalvebod Brygge area - 2015



Bryghus project 2015

- Adds a major destination
- Composes a multifunctional counterbalance and cultural ressource
- Adds new waterfront public spaces
- Upgrading under Langebro

Harbour Park

Playground & City Square

Urban Connector & DAC

'Kalvebod Bølge' Wharf & promenade
Strollings and recreation by the water - active and playful

Kalvebod Brygge area - Vision

Metro station 2018

App. 18 minutes walk from
Bryghus project

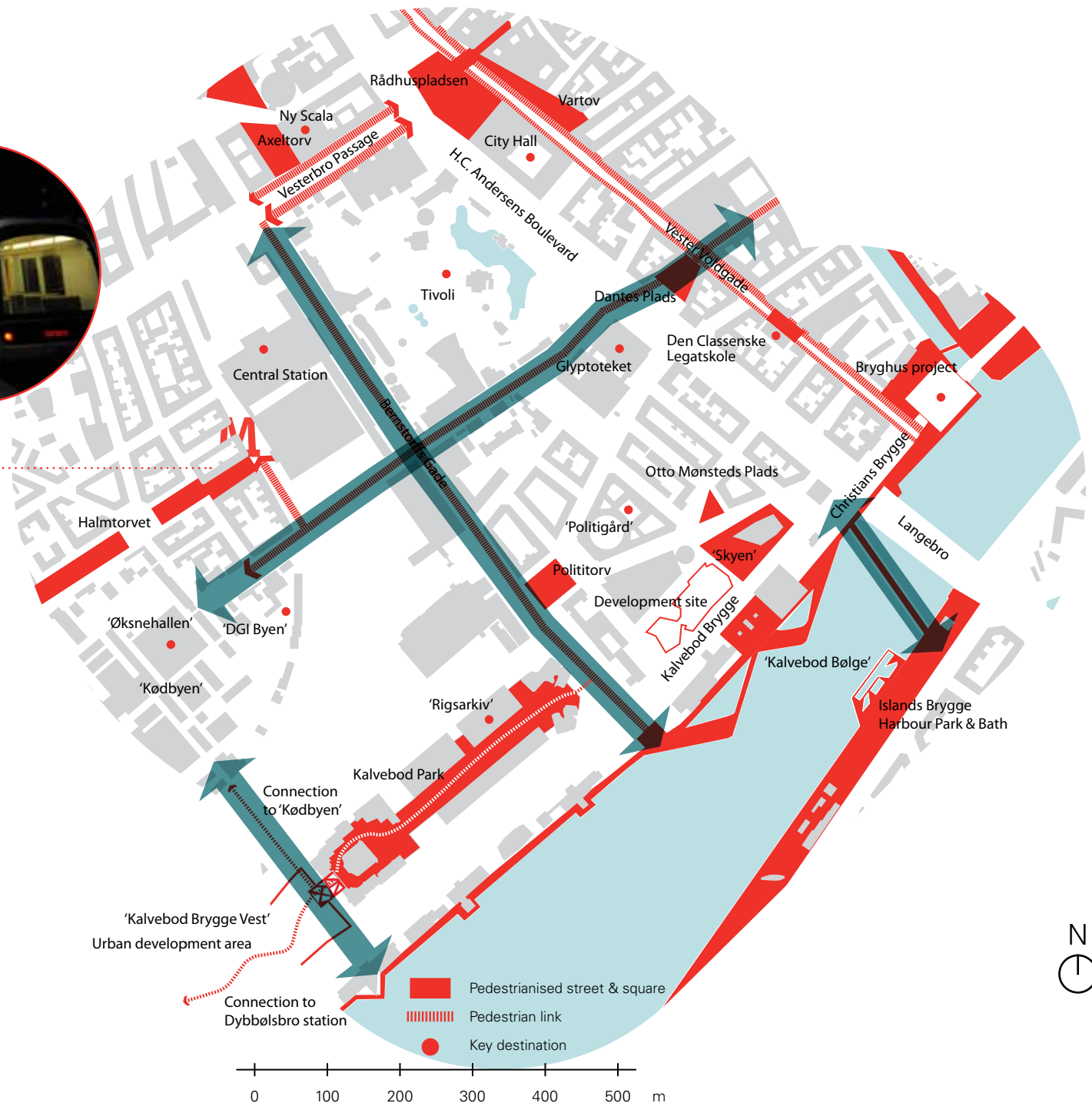


Potentials to be developed

- New pedestrian & bicycle bridge connecting to Islands Brygge and Christianshavn
- Upgrading of connecting street to promote linkages between city, waterfront and Bryghus project - Bernstorffsgade
- Upgrading of connection between Vesterbro and Slotsholmen - Tietgensgade
- Future connection to 'Kødbyen' from Kalvebod Brygge Park linking Vesterbro to the water



Recommended upgrading
of connections & links



New pedestrian and bicycle bridge
provides linkage across the harbour



Reference - 'Bryggebroen', Copenhagen

Waterfront

A waterfront of great complexity linking different districts and historic layers of the city

- A step by step development and change over time - from a working harbour to a multifunctional waterfront
- An on-going development of new cultural and recreational nodes and hotspots towards creating a stronger recreational and cultural waterfront

Challenges

- The waterfront is dominated by non-public functions e.g. offices and service
- A disconnected waterfront promenade
- The waterfront promenade is frequently affected by unattractive layout and lack of recreational options
- Few connections across the harbour
- Traffic barriers separate the city from the water





Waterfront - 2005

Destinations, connections and access

- few and solitary destinations
- little recreation and culture
- interrupted waterfront promenade with missing links
- unattractive sections and linkages
- few connections across the harbour
- difficult access from bridges

Situation

- Cultural nodes
- Harbour parks
- Wharf & promenade
- Harbour baths
- Bridges



Office Domiciles & Hotels 1997-2001
Head offices and chain hotels

- private functions enclose the waterfront

'Fisketorv' 2000
Shoppingmall and entertainment centre

- introverted building complex

xx minutes walk from Bryghus project (1.500m)



Harbour Bath 2003
Public bath

- water play and recreation



Royal Library 1999

National library and museums

- educational and cultural node



Søren Kierkegaards Plads 1999

Public square

- waterfront square, forecourt to the Royal Library and 'hallway' to Slotsholmen



Opera 2005

Copenhagen opera house

- high culture 'strong hold'

Housing 1975-1978

Social housing

Office Domiciles 1977-1980

Danish Foreign Office - administration

- introverted building complex

Office Domiciles 1997-1999

Bank headquarter

- private functions enclose the waterfront

Islands Brygge Harbour Park 1995-2001 & Harbour Bath 2003

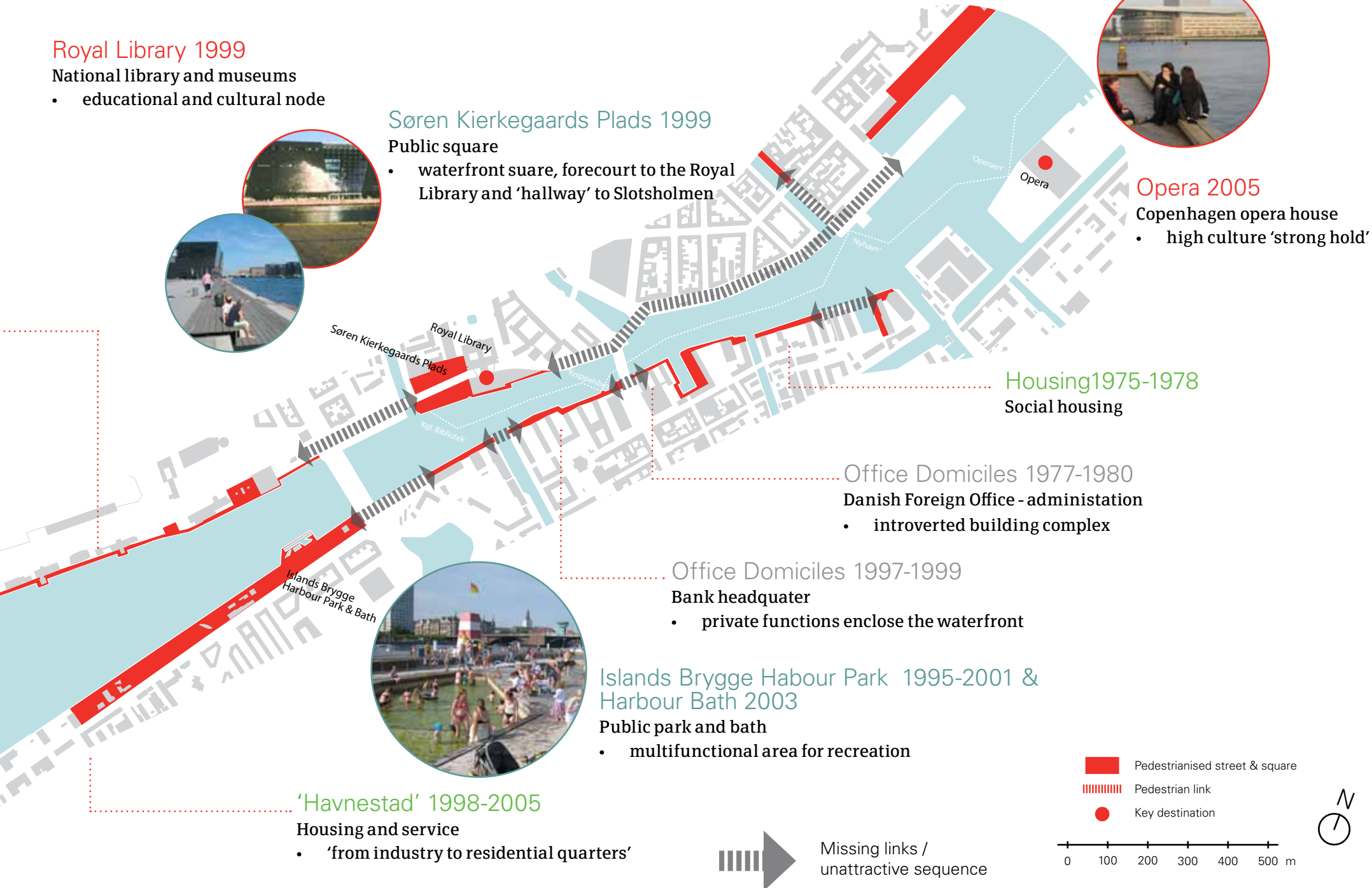
Public park and bath

- multifunctional area for recreation

'Havnestad' 1998-2005

Housing and service

- 'from industry to residential quarters'



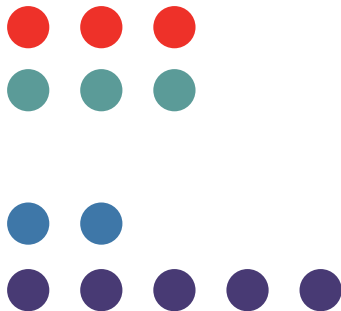
Waterfront - 2011

Destinations, connections and access

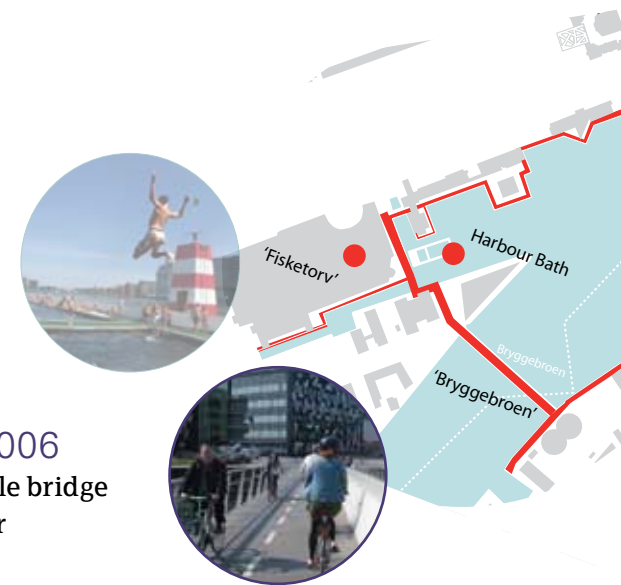
- more performance culture
- more recreation
- more cross connection
- better linkage

Situation

- Cultural nodes
- Harbour parks
- Wharf & promenade
- Harbour baths
- Bridges



'Bryggebroen' 2006
Pedestrian and bicycle bridge
• harbour connector



Playhouse 2008

Copenhagen theatre

- a modern cultural anchor point

Havnegade Park 2011

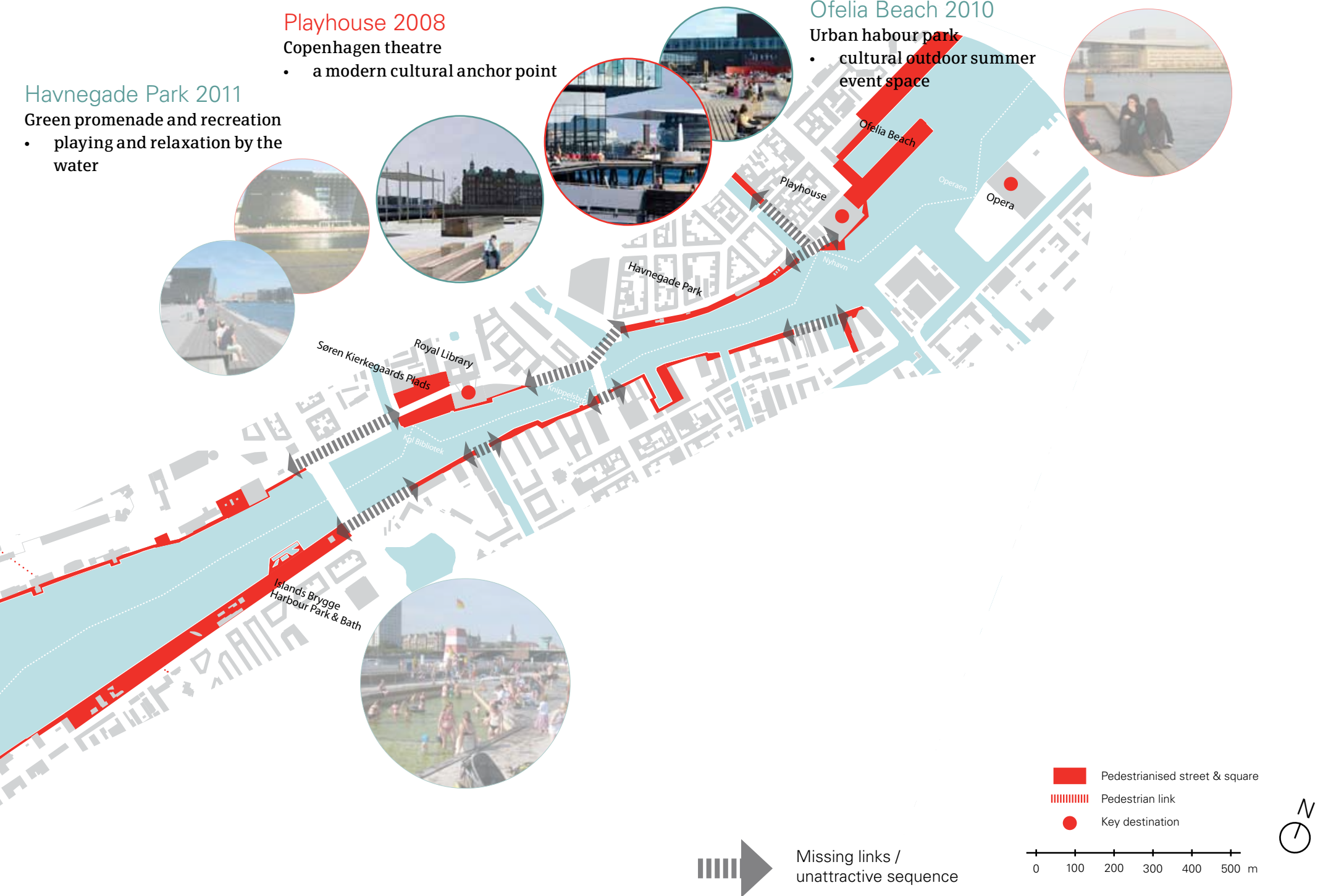
Green promenade and recreation

- playing and relaxation by the water

Ofelia Beach 2010

Urban harbour park

- cultural outdoor summer event space



Pedestrianised street & square

Pedestrian link

Key destination

0 100 200 300 400 500 m

Waterfront - 2015

Destinations, connections and access

- more culture and attraction
- more recreation
- more promenades
- more cross connections
- better access and linkage

The Bryghus project 2015

- Adds a major waterfront destination entering into a sequence of waterfront developments
- Adds new layers to the waterfront experience
- Composes a cultural and recreational node
- Adds a new linkage to the waterfront

Situation

- Cultural nodes 
- Harbour parks 
- Wharf & promenade 
- Harbour baths 
- Bridges 

Harbour Park 2015

Play and recreation

- water activities
- close contact to the water



'Kalvebod Bølge' 2012-13

Waterfront promenade and activity spots

- focus on water activities - especially kayaking



'Bryggerampen' 2012

Pedestrian and bicycle ramp

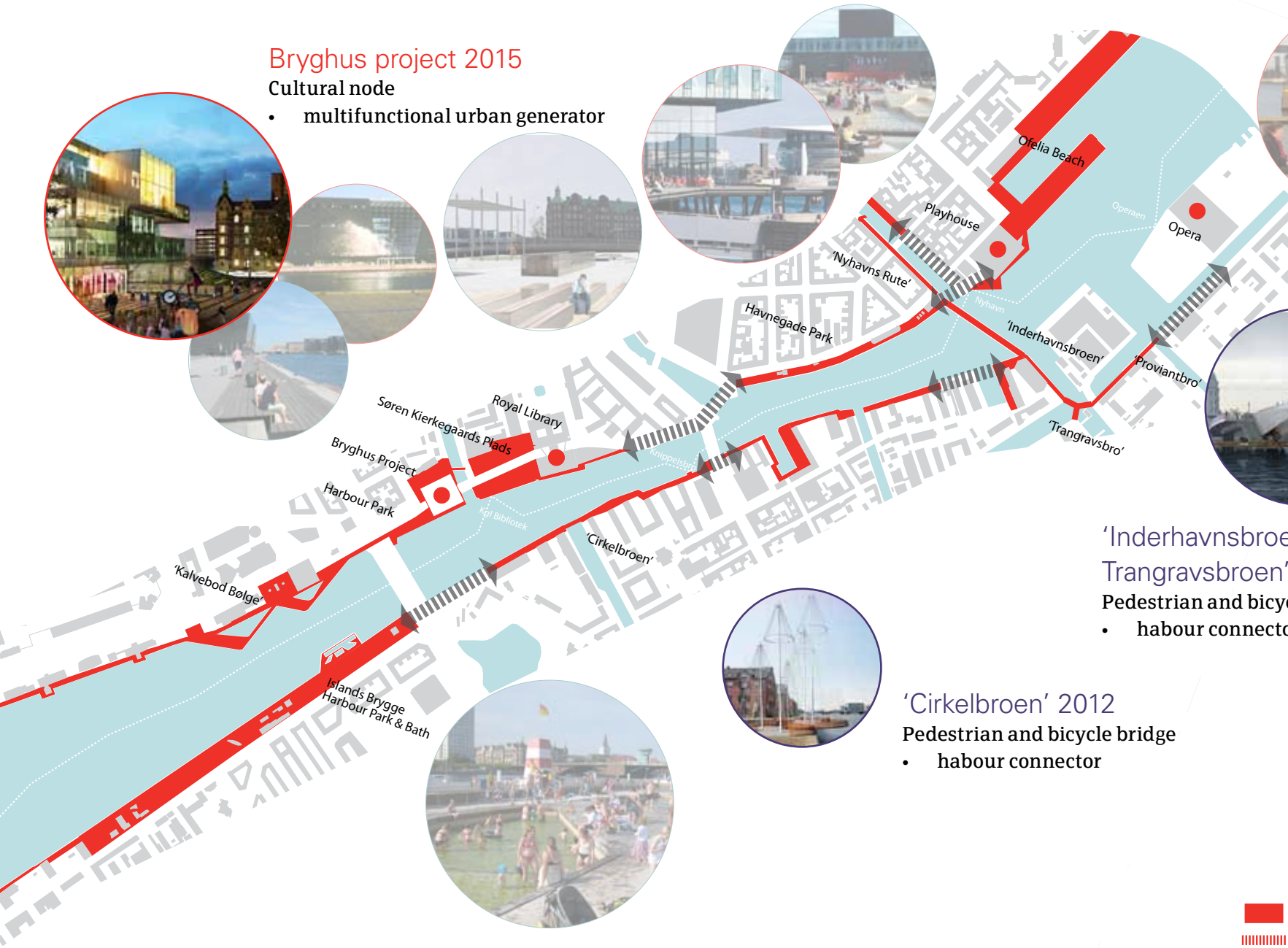
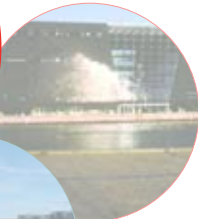
- bridge linkage



Bryghus project 2015

Cultural node

- multifunctional urban generator



'Inderhavnsbroen', 'Proviantbroen', 'Trangravsbroen' 2012

Pedestrian and bicycle bridge

- harbour connectors

'Cirkelbroen' 2012


Pedestrian and bicycle bridge

- harbour connector



Missing links /
unattractive sequence

 Pedestrianised street & square

 Pedestrian link

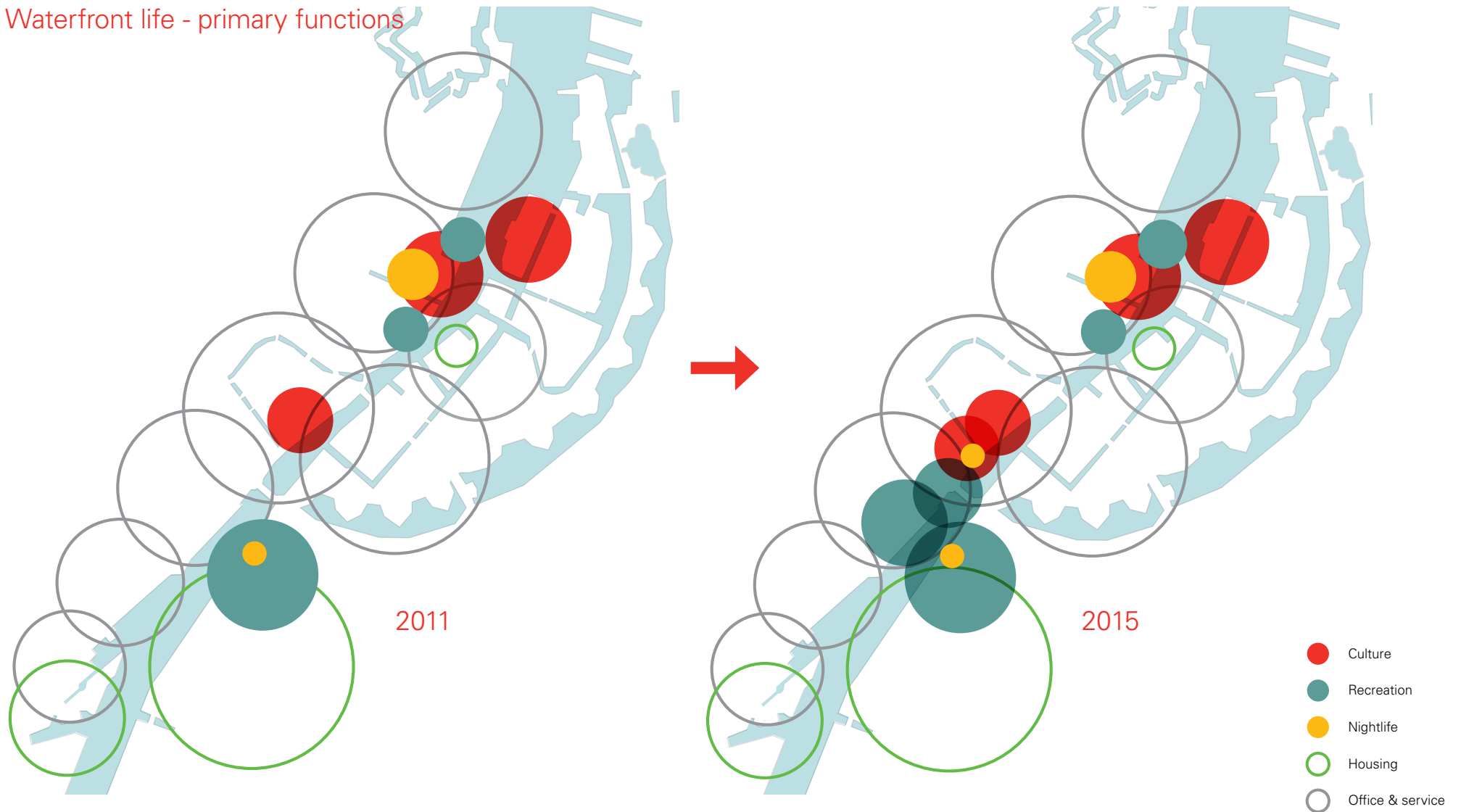
 Key destination

0 100 200 300 400 500 m



Waterfront - 2015 New life at the waterfront

Waterfront life - primary functions



Waterfront - 2015 Strengthen the recreational waterfront

Harbour Park

Hub for play and recreation

- water activities
- physical activities
- recreation and socialising
- close contact to the water



Kilo fra Langebøl

OMA Project proposal 2011

Waterfront - Vision

Towards a high class cultural and recreational waterfront

- Creating new pedestrian and bicycling connection across the harbour to further strengthen the recreational hub / triangle
- New bridge along the waterfront at Frederiksholms Kanal to further strengthen the waterfront connection - promenade
- New cultural institution and attraction of Søren Kierkegaards Plads to further strengthen the cultural node
- Strengthen and restoring missing link along the waterfront e.g under Langebro connecting Islands Brygge to Christianshavn
- Improved pedestrian and bicycle access to Havnegade and Nyhavn - the Playhouse
- Improved water bus service and more stops to strengthen comfort and accessibility

New waterbus stops
Connecting Søren Kierkegaards
Plads and the Harbour Park to
'Kalvebod Bølge' and Islands
Brygge Harbour Park



'Kalvebod Bølge'

'Islands Brygge'

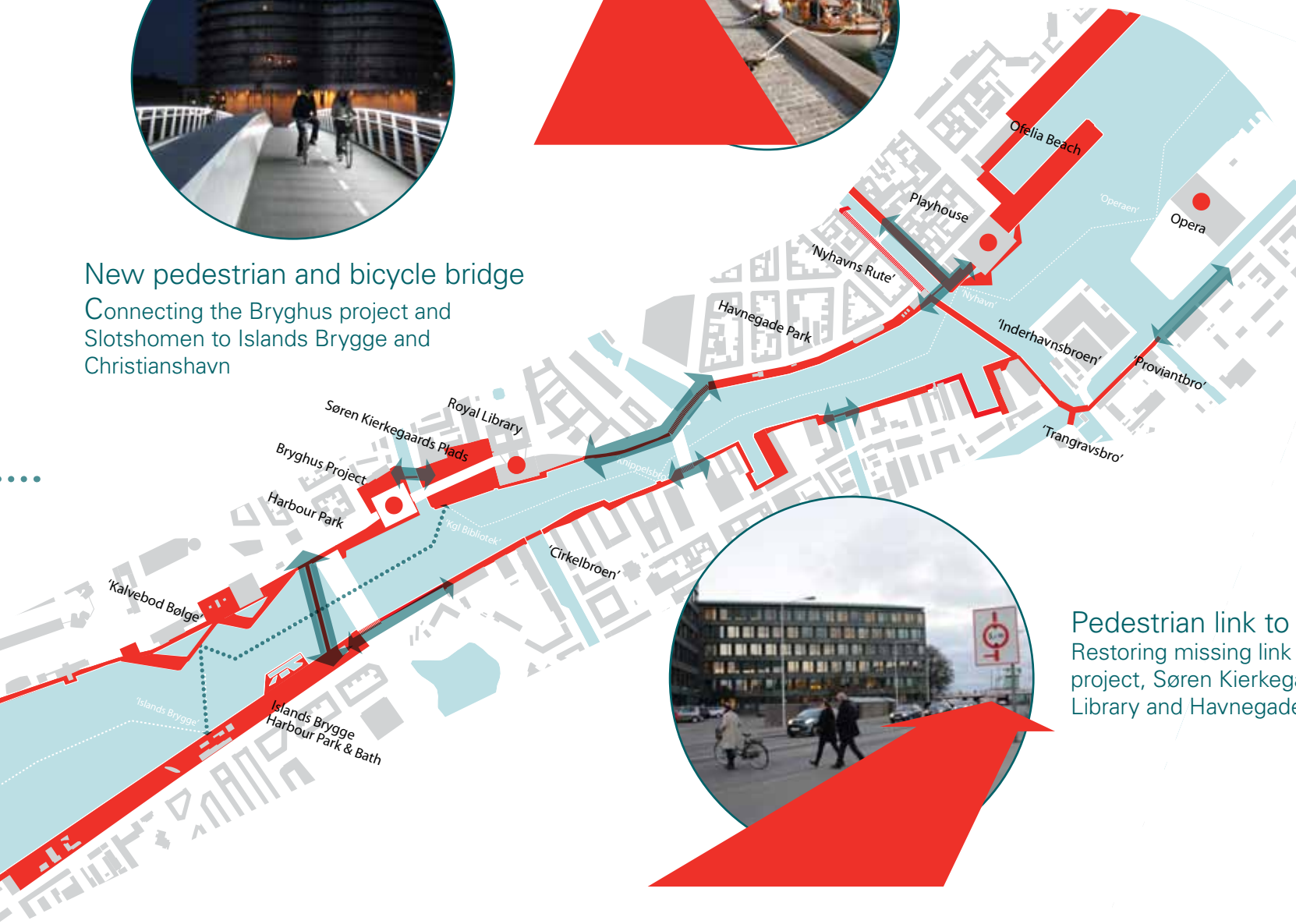




New pedestrian and bicycle bridge
Connecting the Bryghus project and
Slotsholmen to Islands Brygge and
Christianshavn



Completion of Nyhavn
towards the waterfront

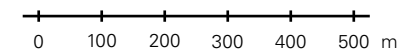


Pedestrian link to Havnegade
Restoring missing link between Bryghus
project, Søren Kierkegaards Plads, Royal
Library and Havnegade



Recommended upgrading
of connections & links

- Pedestrianised street & square
- Pedestrian link
- Key destination



Getting across - Pedestrian priority

First class pedestrian crossings

To promote easy and pleasant pedestrian linkages between the city, the Bryghus project and waterfront focus should be on signalling high pedestrian priority along the key routes Vester Voldgade and Frederiksholms Kanal especially at street intersections providing high quality pedestrian friendly crossing opportunities

- 1 Direct and simple**
crossing position according to natural pedestrian desire lines
- 2 Legible**
designated, wide and clearly marked crossings
- 3 Convenient**
pleasant walking flow with good balance between walking and waiting, dedicated pedestrian signals
- 4 Smooth**
no interruptions, ramps and dropped kerbs level out height differences
- 5 Comfortable and safe**
refuges and medians provide stopovers and allow for more informal crossing

Copenhagen 'toolbox'



60,000 cars
40,600 pedestrians

Wide crossing allows a high number of pedestrians and cars to intersect on a day-to-day basis *H.C. Andersens Boulevard*



Refuge makes crossing more easy and safe *Falkoner Allé*



Crossing manifested through high quality paving materials
Strøget / Nørregade



Medians enable crossing without forcing a specific route
Østerbrogade



Gammel Kongevej



Timed pedestrian signal informing about waiting/crossing time *Strøget*

Traffic flows - How many?

Traffic volumes versus comfort

The more car traffic the more impact on the pedestrian environment generating a range of obstacles to overcome: barrier effects, complicated crossings, waiting times and unsafe situations.

The present traffic volumes in Stormgade and Christians Brygge indicate situations that can be resolved by the right pedestrian focus

Vision

Stormgade

Pedestrian friendly crossings lead across and along

Fr.holms Kanal north
Shared space street with reduced car traffic and a minimum of parking

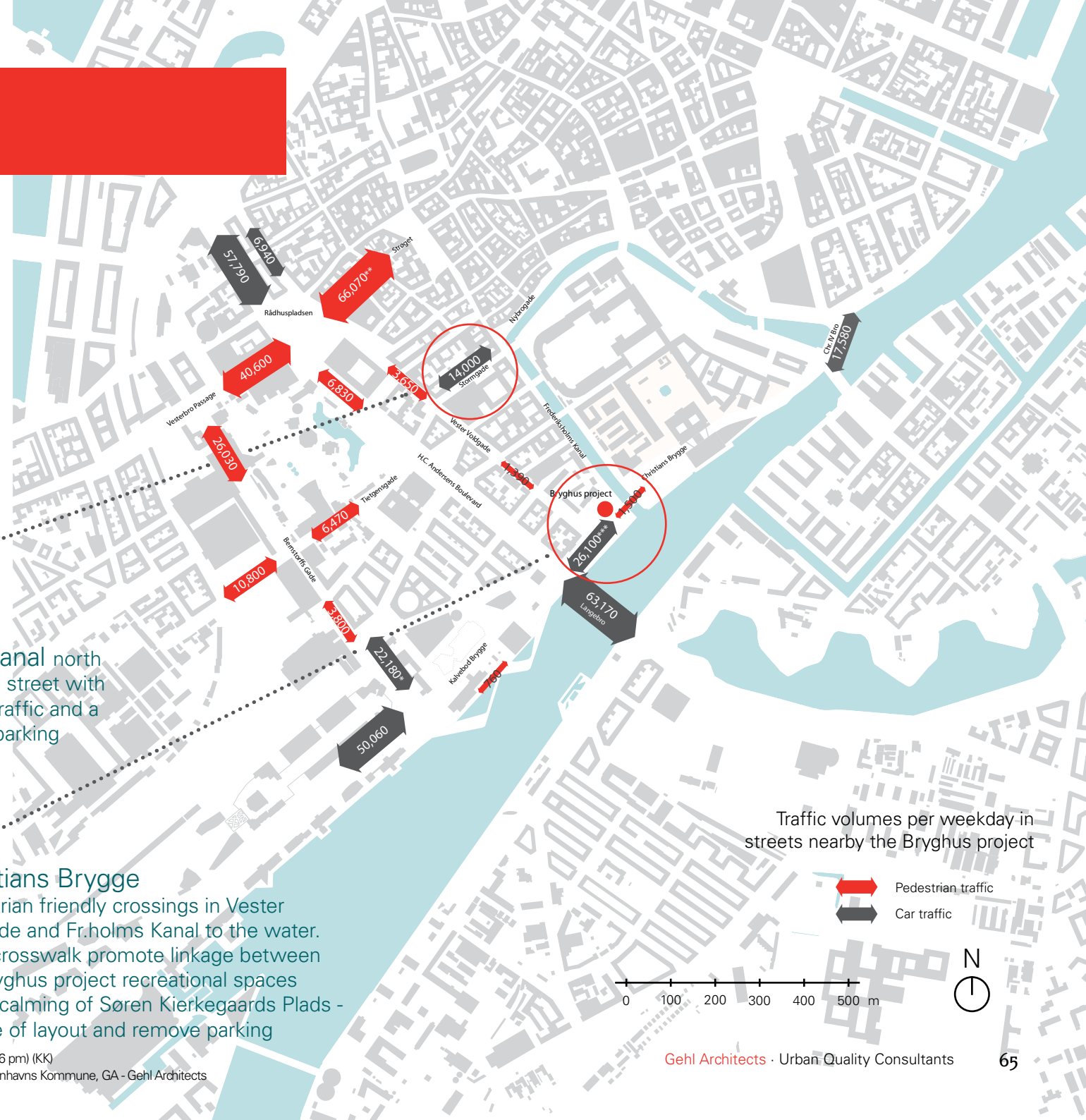
Fr.holms Kanal south

Free of parking and unnecessary car traffic

Christians Brygge

Pedestrian friendly crossings in Vester Voldgade and Fr.holms Kanal to the water. Wide crosswalk promote linkage between the Bryghus project recreational spaces
Traffic calming of Søren Kierkegaards Plads - change of layout and remove parking

Cars and bicycles: 2010 (7 am-7 pm) (KK), *2008 (6 am-6 pm) (KK), ***2007 (6 am-6 pm) (KK)
Pedestrians 2008 (7 am-8 pm) (GA), **2005 (10 am-8 pm) (GA), Source: KK - Københavns Kommune, GA - Gehl Architects

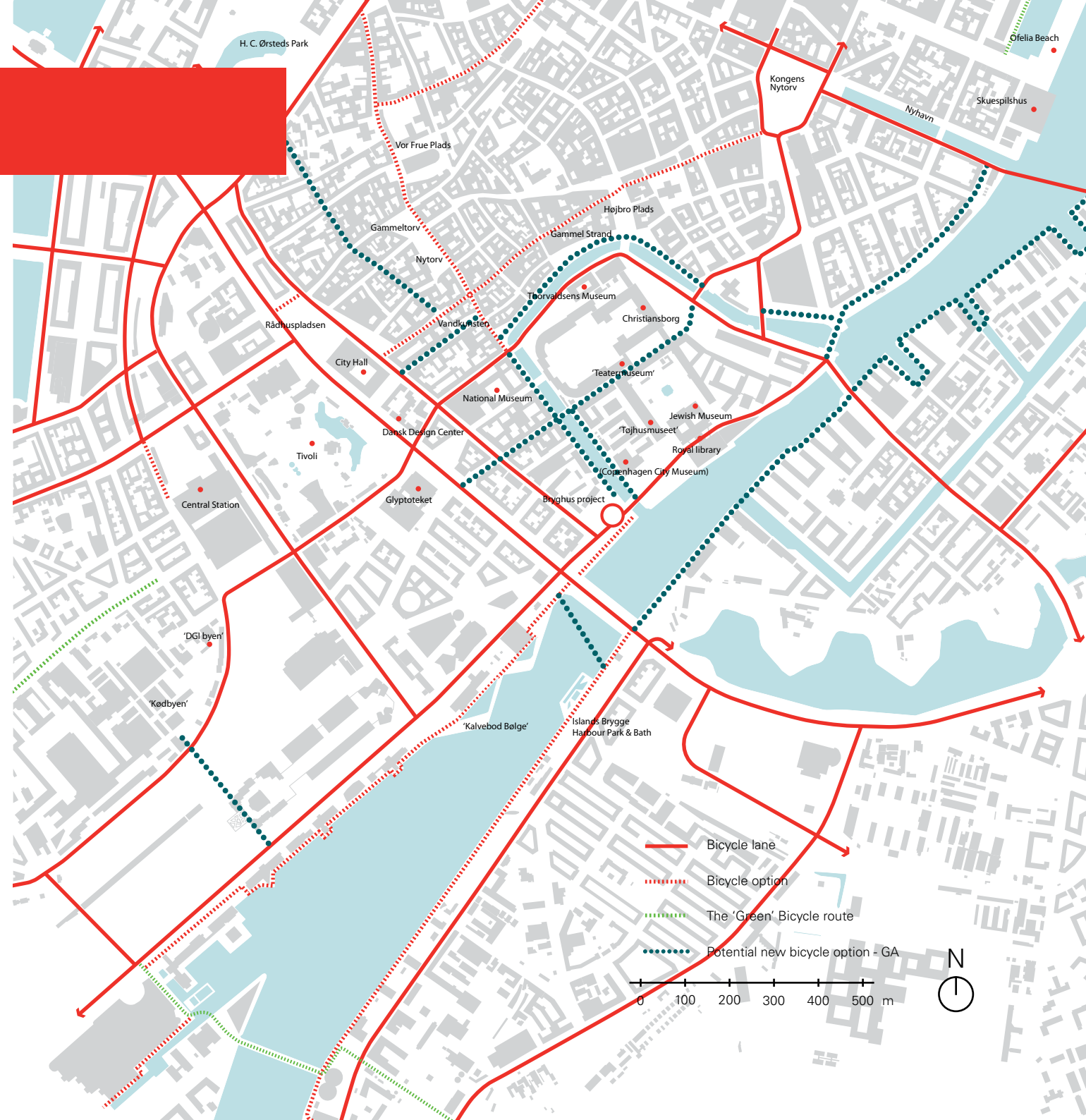
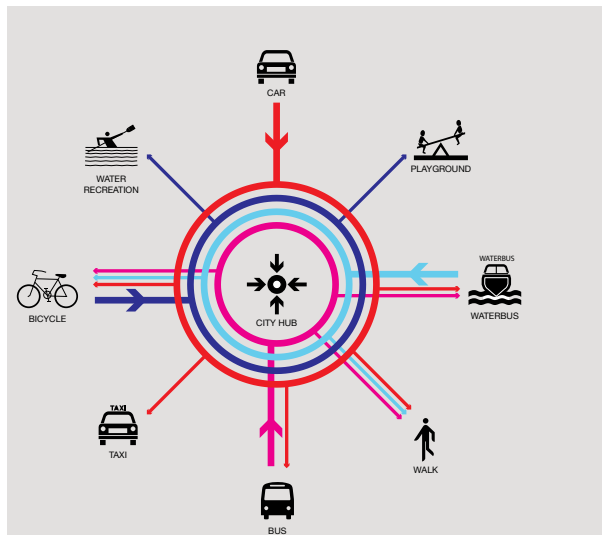


The bicycling city

A bicycle network connecting to major destinations

Potentials to be developed

- The Bryghus project can constitute an exchange node - a switch from car to bicycle
- New routes and improved bicycle options to provide a fine grained bicycle network
- Bicycle routes to connect the waterfront to the city
- New bicycle routes to connect the cultural institutions
- Station for rental city bicycles



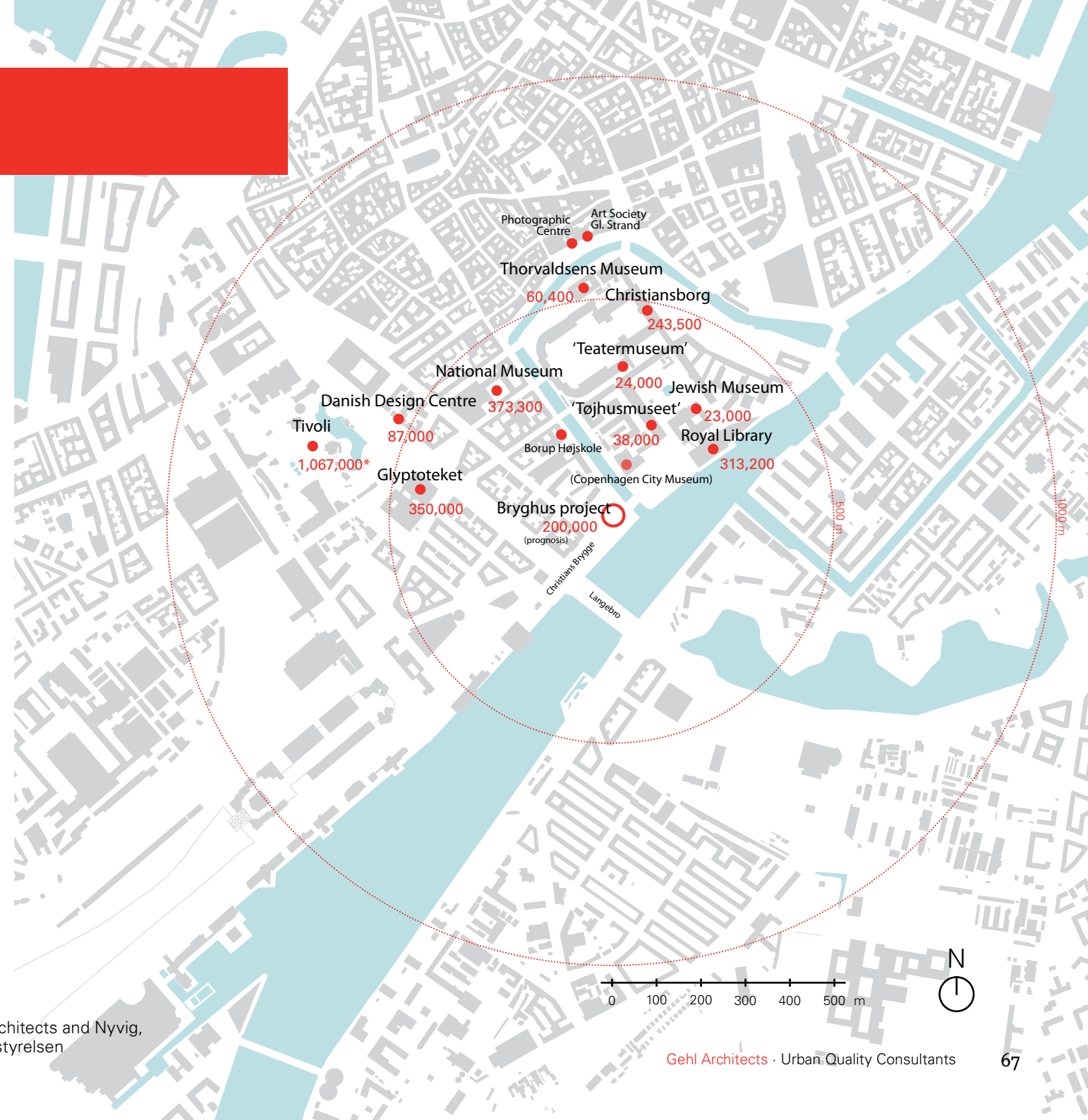
Cultural route

Nearby cultural destinations and numerous visitors

Number of visitors per year (2008/ *2010)

Potentials to be developed

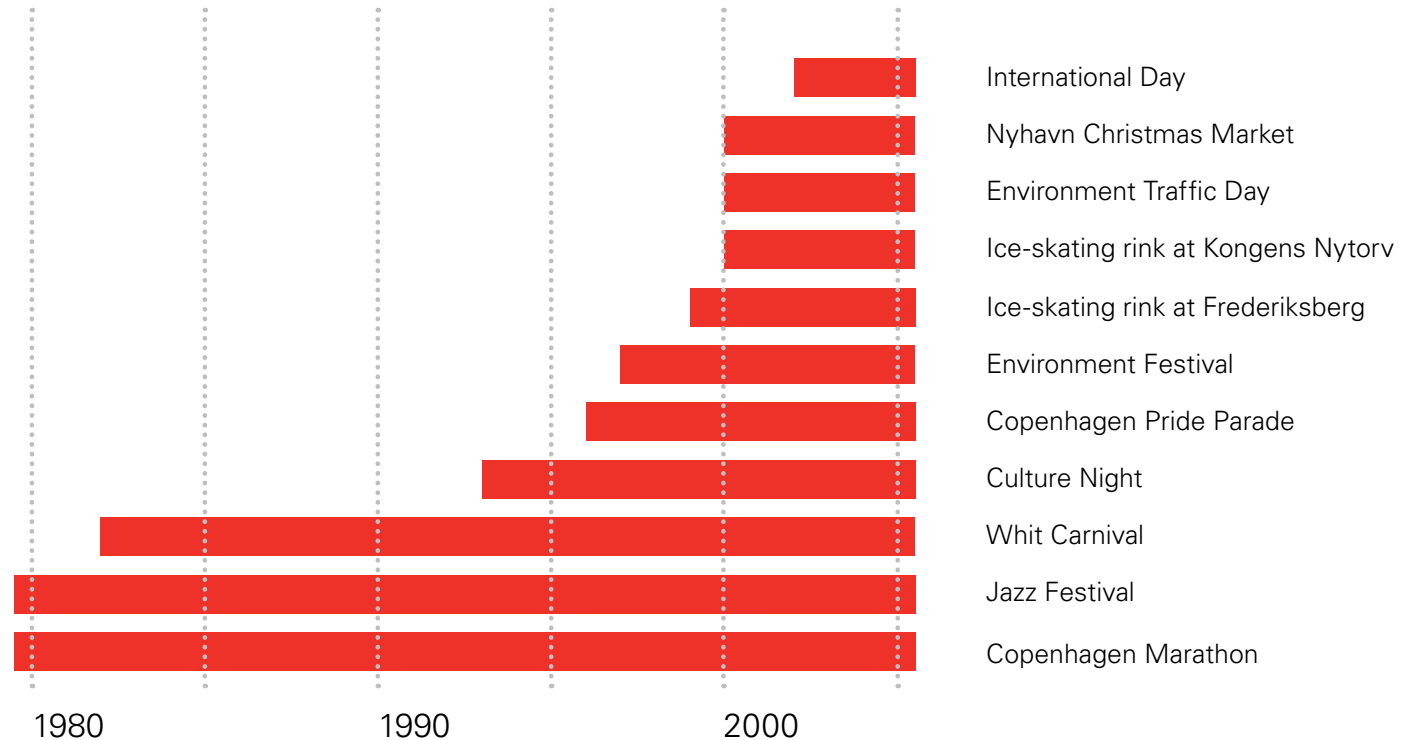
- Cultural partnership
- Coordination of opening hours and days with free admission
- 'One-ticket' system
- Routes revealing different urban experiences and telling stories of Copenhagen
- Coordinated information and communication
- The Bryghus project can form a starting point for tours in the area
Bringing local characteristics and history into play
- Introduce the 'culture' bicycle



Source: 'Metropolzonen, Helhedsanalyse 2008', Gehl Architects and Nyvig, 'Slotshønen - forslag til visionsplan', Slots og Ejendomsstyrelsen

The event city

Major annual events in Copenhagen



Events as part of a the urban culture

- More public spaces and more leisure time
- An increasing number of events take place in the public spaces
- A wide range of events

Challenges

- Most events take place during summer

Copenhagen Event calendar 2005

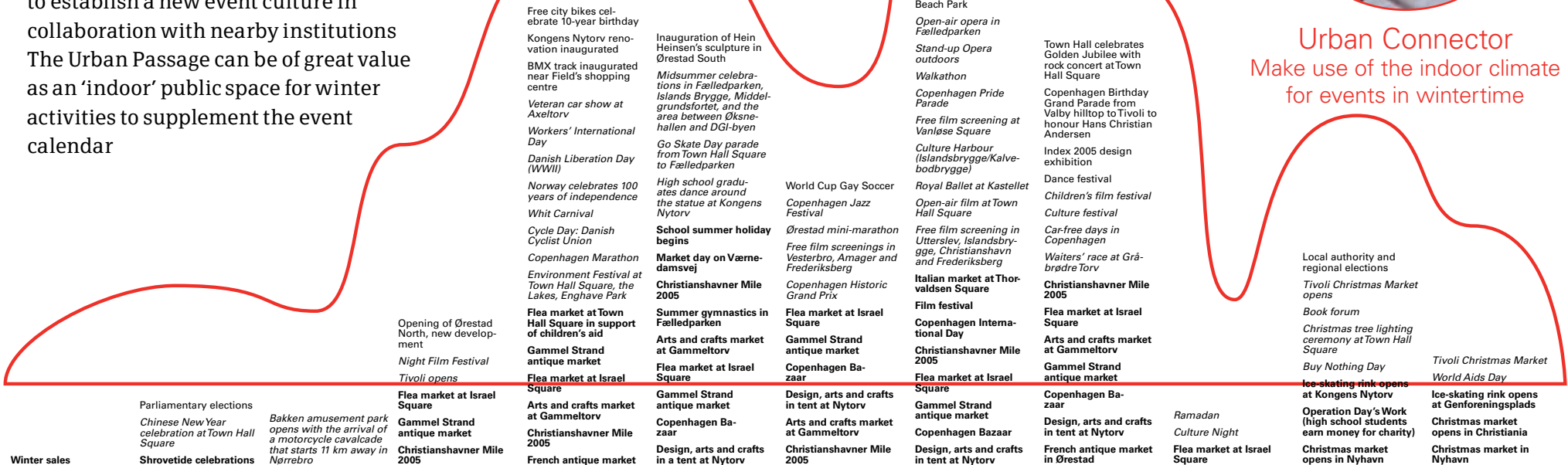
Potentials to be developed

















- The Bryghus project can contribute to establish a new event culture in collaboration with nearby institutions
- The Urban Passage can be of great value as an 'indoor' public space for winter activities to supplement the event calendar

Søren Kierkegaards Plads A platform for larger cultural events

Harbour Park A platform for water events

Urban Connector Make use of the indoor climate for events in wintertime



January	February	March	April	May	June	July	August	September	October	November	December				
 Ice skating rink at Kongens Nytorv	 Shrovetide celebrations	 Environment Festival	 Arts and crafts market	 Whit Carnival	 Copenhagen Marathon	 May Day	 High school graduates	 Copenhagen International Day	 Copenhagen Pride Parade	 Hans Christian Andersen Parade	 Copenhagen Jazz Festival	 Index 2005	 Waiters' race	 Local authority and regional elections	 Christmas market in Nyhavn