

AARHUS CENTRAL

TOM NIELSEN, PROFESSOR AARHUS SCHOOL OF ARCHITECTURE



WHAT IS IMPORTANT IN DEVELOPING
AN ATTRACTIVE CITY DISTRICT
AND A *CENTRAL MOBILITY HUB* IN
A MIDDLE SIZED NORTH EUROPEAN CITY

?

A MIDDLE SIZED NORTH EUROPEAN CITY

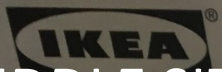


A MIDDLE SIZED NORTH EUROPEAN CITY

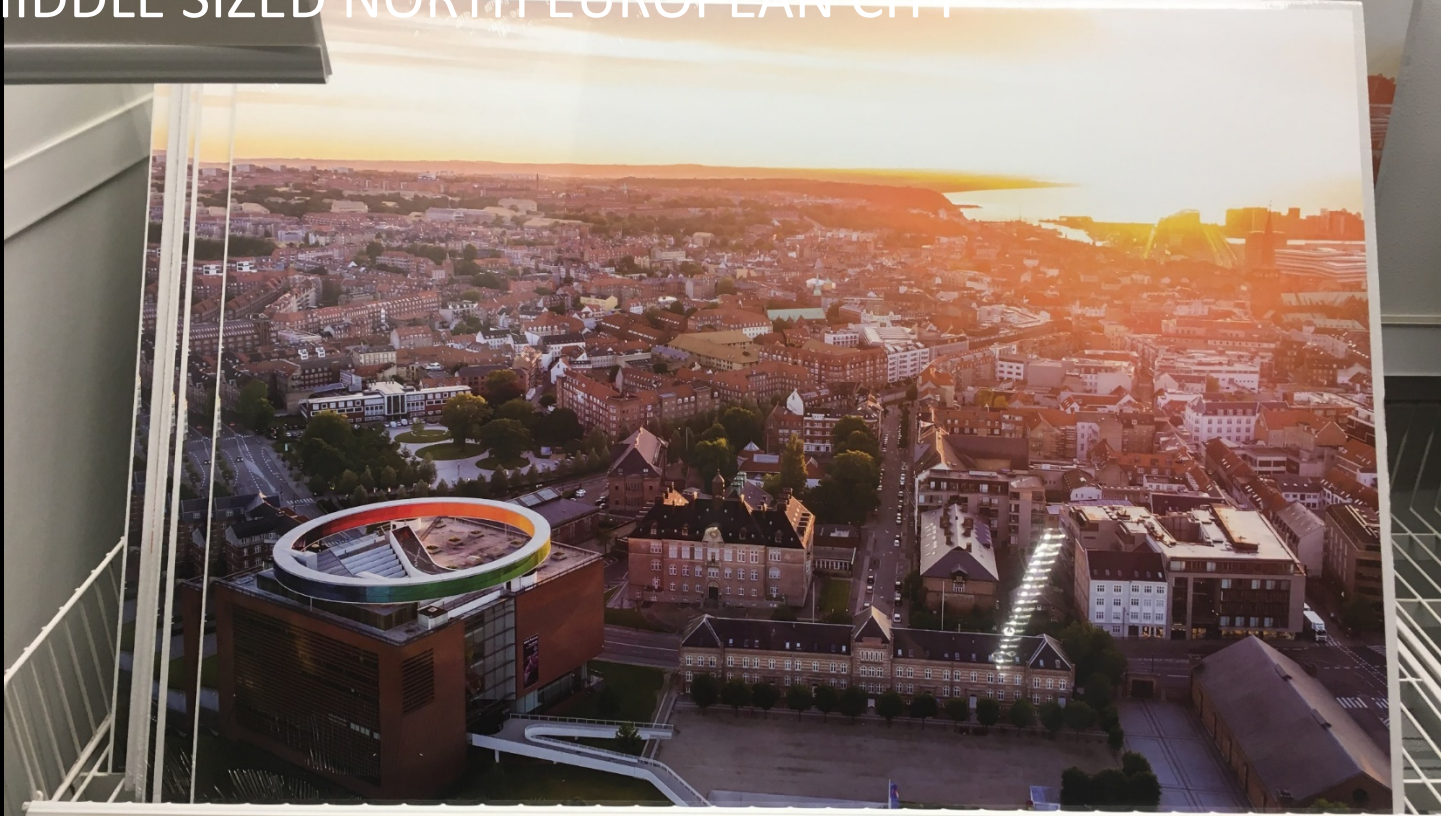
An aerial night view of a city, likely Aarhus, showing a dense network of roads and buildings illuminated by lights. The city is set against a dark sky with a bright horizon line, suggesting a sunset or sunrise. The lights form a complex, interconnected pattern across the landscape.


**AARHUS DEVELOPS A NEW KIND OF CENTRALITY IN NETWORKED MILLION-CITY.
AS SECOND TIER CITY.**

**AS KNOWLEDGE CENTRE, TOURIST HUB, GLOBAL KNOWLEDGE HUB OF ENERGY AND
ENVIRONMENTAL TECHNOLOGY, CULTURAL HUB
FOR ATTRACTIVE URBAN LIVING ETC**



A MIDDLE SIZED NORTH EUROPEAN CITY



 **Overrask en dag**
 100 kr pr produkt eller vedlagt produktpris og 10 kr med levering til dit bopæl, uden en krone mere.
 Læs betingelserne på side 39.

Nummer til 13 billeder
RIKBA
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- Produktet i billedet 65x80 cm eller 7 billeder 65x80 cm 7,95 kr.
- Hvis længden varierer eller forskel, så skal produktet være til rådighed.

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Plakater
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 100x50 cm
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- Du kan gerne dit hjem personligt med bånd, der udfylder din stil.
- Papir

39.-



A MIDDLE SIZED NORTH EUROPEAN CITY

LOW-DENSE, NORTHERN EUROPEAN CITY WITH CLEAR HISTORICAL LAYERS

SITUATED WHERE THE RIVER MEETS THE BAY AND TUCKED BETWEEN THE FORESTS

BUILDING AND CHANGING THIS CITY CENTRE NEEDS VERY GOOD ARGUMENTS NOT TO FOLLOW THIS LEAD

WE NEED TO ADD TO IT, BUT WE NEED TO CONSIDER IN WHICH SCALE AND SPEED WE DO IT

Overrask en dag

RIBBA

199.-

EDELVIK

39.-

A CENTRAL MOBILITY HUB

**IN THIS URBANIZED TERRITORY
THE AARHUS CENTRAL AREA
PLAYS A KEY ROLE**

**IT'S THE PLACE OF MOST
INTENSE MODAL OVERLAPS**

**IT'S THE PLACE WITH THE
HIGHEST FLOW OF PEDESTRIANS**

**SURPRISINGLY ALSO ONE OF THE
SPACES IN THE TERRITORY WITH
MOST STAYING ACTIVITIES**



A CENTRAL MOBILITY HUB

ITS ALSO (ONE OF) THE INTERNATIONAL GATEWAYS TO THE REGION

THIS SPECIAL ROLE SHOULD BE REFLECTED

A CENTRAL MOBILITY HUB



THE CLOSEST AARHUS, AND THE REGION GETS TO A PLACE THAT NEVER SLEEPS

A CENTRAL MOBILITY HUB



THE CLOSEST AARHUS AND THE REGION GETS TO A PLACE THAT NEVER SLEEPS

AN ATTRACTIVE CITY DISTRICT

FOR WHOM?

TOURISTS

COMMUTERS

INVESTORS SEEKING PROFIT

MIDDLE CLASS SHOPPERS FROM THE REGION

HOMELESS

RESIDENTS

AN ATTRACTIVE CITY DISTRICT

TOURISTS

COMMUTERS

INVESTORS SEEKING PROFIT

MIDDLE CLASS SHOPPERS FROM THE REGION

HOMELESS

RESIDENTS

ALL OF THE ABOVE ARE HUMANS

A WAY TO START DEVELOPING THE AREA WOULD BE TO BASICALLY PRIORITISE THE HUMAN
BODY AND ITS SENSES

AN ATTRACTIVE CITY DISTRICT

**ALL USERS ARE HUMAN... THEY ALL SHARE
ALMOST THE SAME KIND OF BODIES, THE SAME
KIND OF SENSES AND THE SAME KIND OF BASIC
PSYCHOLOGY**

**THEY ARE WALKING ANIMALS. THEY LIKE SUNNY
SPACES, PROTECTON FROM WIND AND RAIN.**

**THEY LIKE TO FEEL THE RIGHT TO SPACE, TO
INHABIT INDIVIDUALLY, BUT THEY ALSO LIKE TO
BE IN CONTACT WITH OTHER HUMANS**



AN ATTRACTIVE CITY DISTRICT

1. PEDESTRIANS



AN ATTRACTIVE CITY DISTRICT

- 2. BICYCLISTS
- 1. PEDESTRIANS



AN ATTRACTIVE CITY DISTRICT

3. MASS TRANSIT
2. BICYCLISTS
1. PEDESTRIANS



AN ATTRACTIVE CITY DISTRICT

4. CARS (MOVING)
3. MASS TRANSIT
2. BICYCLISTS
1. PEDESTRIANS



AARHUS BILLEDE 1

AN ATTRACTIVE CITY DISTRICT

1. PEDESTRIANS
2. BICYCLISTS
3. MASS TRANSIT
4. CARS (MOVING)
5. CARS (PARKED)

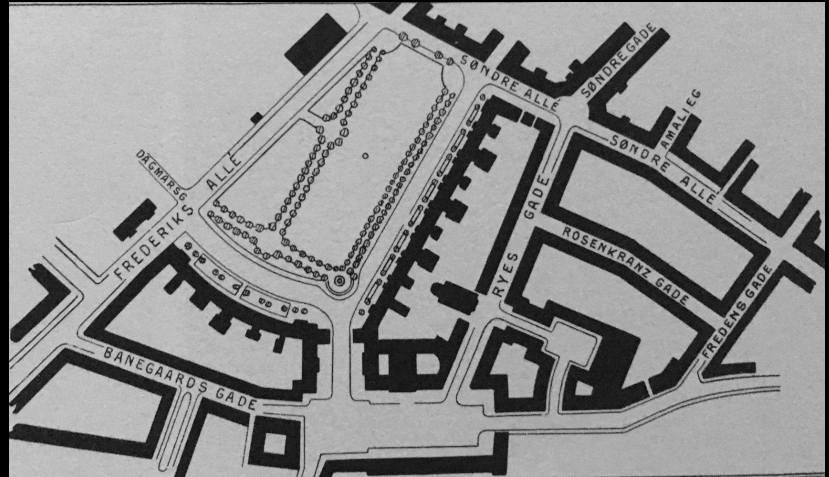


**WHICH EXISTING PROJECTS, INSPIRATIONS AND REFERENCES ARE
RELEVANT FOR US TO KNOW ABOUT?**

**LEARN FROM AARHUS...
HISTORY (ALSO RECENT)
IS A RICH SOURCE:**

LEARN FROM:

**PARK ALLÉ/BANEGÅRDSPLADSEN
AXEL HØEG-HANSEN
1919-**



**LEVEL OF AMBITION
QUALITY OF THE BUILT
FOCUS ON URBAN SPACE, NOT ON THE
INDIVIDUAL BUILDING**

LEARN FROM:

DOKK1

SHL

2015

**LEVEL OF AMBITION
QUALITY OF THE BUILT**

**DEMOCRATIC PUBLIC SPACE,
BUILT WELFARE POLITICS
A PUBLIC BUILDING IN THE BEST LOCATION
INTEGRATION BETWEEN INSIDE/OUTSIDE =
ROOM FOR IMPROVEMENT**



LEARN FROM:

DOKK1

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2015

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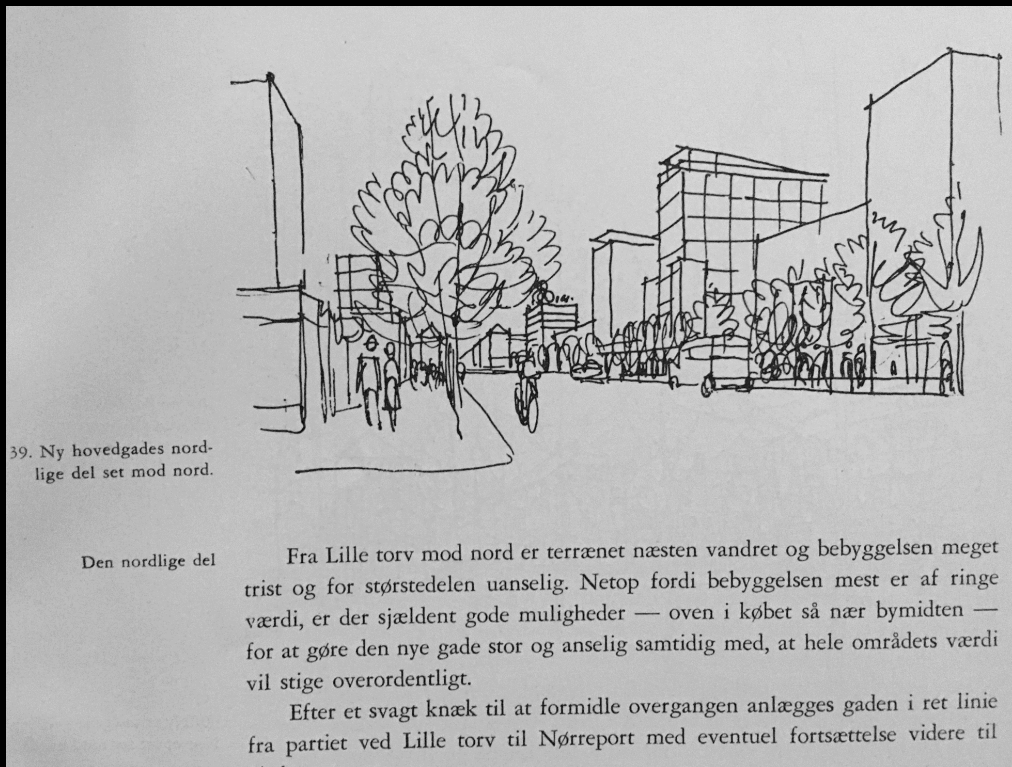


LEARN FROM:

NY HOVEDGADE
FREDERIKSGADEKOMMISSIONEN
1953-

FROM LILLE TORV TOWARDS THE NORTH, THE TERRAIN IS ALMOST FLAT AND THE EXISTING BUILDINGS VERY SAD AND UNREMARKABLE.

EXACTLY BECAUSE THE BUILDINGS ARE OF LOW VALUE, THERE ARE EXCELLENT OPPORTUNITIES - EVEN THIS CLOSE TO THE CITY CENTRE - TO MAKE THE NEW STREET VAST AND IMPRESSIVE, AND AT THE SAME TIME INCREASE THE TOTAL VALUE OF THE AREA ENORMOUSLY



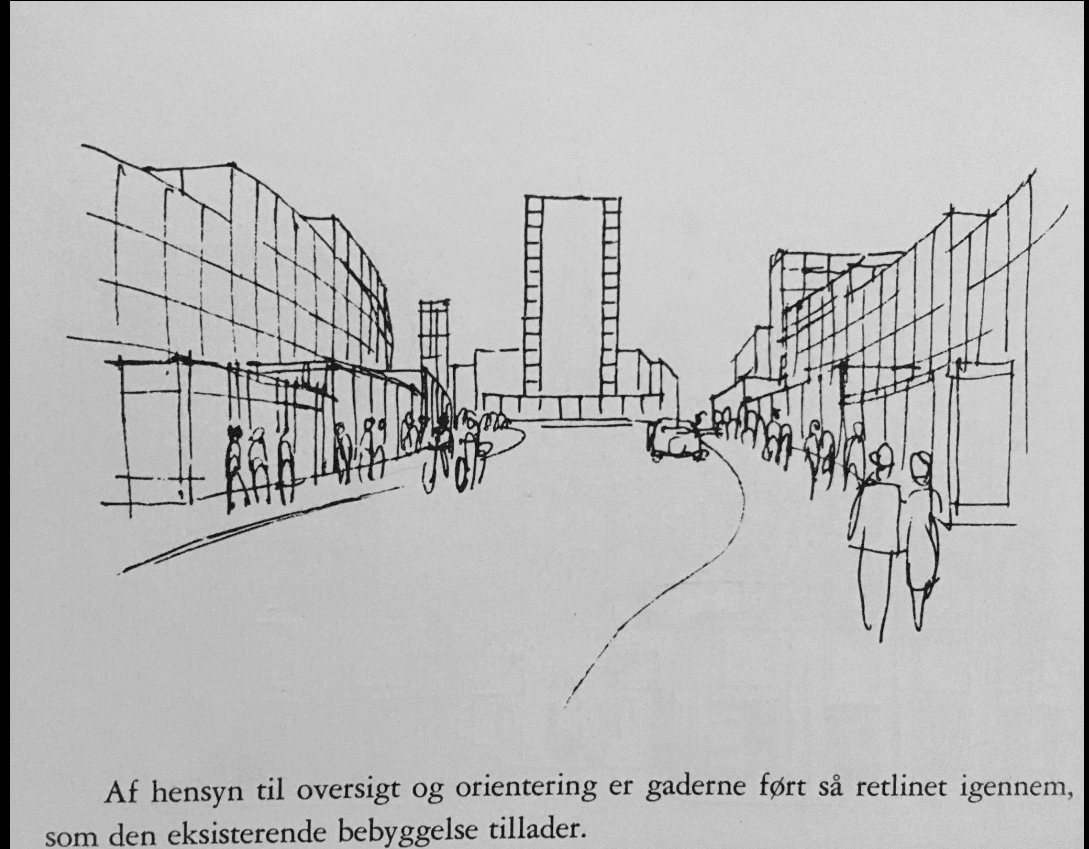
39. Ny hovedgades nordlige del set mod nord.

Den nordlige del

Fra Lille torv mod nord er terrænet næsten vandret og bebyggelsen meget trist og for størstedelen uanselig. Netop fordi bebyggelsen mest er af ringe værdi, er der sjældent gode muligheder — oven i købet så nær bymidten — for at gøre den nye gade stor og anselig samtidig med, at hele områdets værdi vil stige overordentligt.

Efter et svagt knæk til at formidle overgangen anlægges gaden i ret linie fra partiet ved Lille torv til Nørreport med eventuel fortsættelse videre til

LEARN FROM:
NY HOVEDGADE
FREDERIKSGADEKOMMISSIONEN
1953-



LEARN FROM:
NY HOVEDGADE
FREDERIKSGADEKOMMISSIONEN
1953-

LEVEL OF AMBITION...
BEWARE OF SCALE

URBAN DEVELOPMENT ALWAYS ADDS
TO THE EXISTING
THIS CAN BE DONE BETTER OR
WORSE



EVERY FRONTSIDE HAS A BACKSIDE

**THE LARGER THE FRONTSIDE
THE LARGER THE BACKSIDE**



NYROPSGADE, KØBENHAVN

**TODAY ITS NOT THE PROMISE OF A
SUPER EFFICIENT MODERN
TRAFFIC AND DISTRIBUTION
MACHINE THAT IS THE IDEAL.
RATHER THE AMBITIONS OF THE
CITY TO GROW BIG, LIVELY AND
GLOBALLY COMPETITIVE
AUCKLAND COULD BE ONE OF
MANY EXAMPLES.
LOOKS GOOD FROM THE
DISTANCE...**



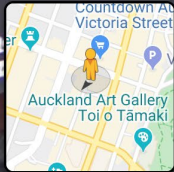
AUCKLAND

5 Elliott St
Auckland

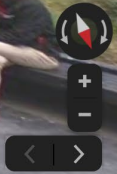
Google

Street View - Oct 2018

**BUT THE SPACES, EVEN THE MAIN
PUBLIC SPACES LOOKS LIKE THIS**



Google



LEARN FROM:

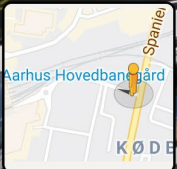
AARHUS CITY TOWER ARKITEMA 2014

Værkmestergade
Aarhus, Central Denmark Region

Google

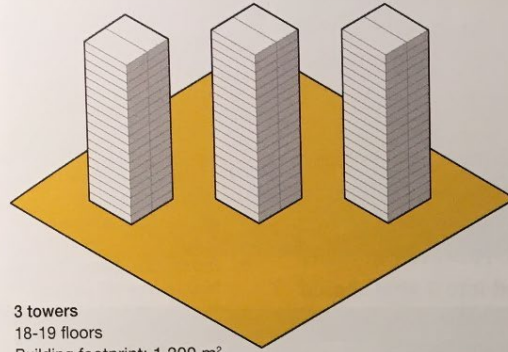
Street View - Jul 2018

EVEN THOUGH ITS TRYING TO...SOME PLACES...

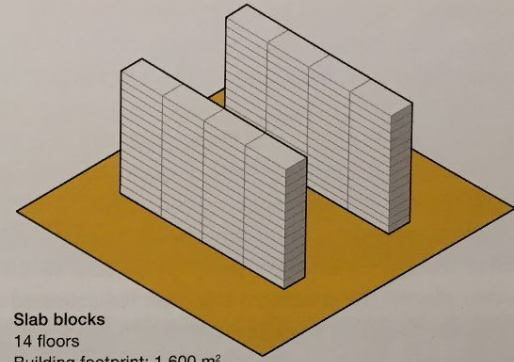


Google

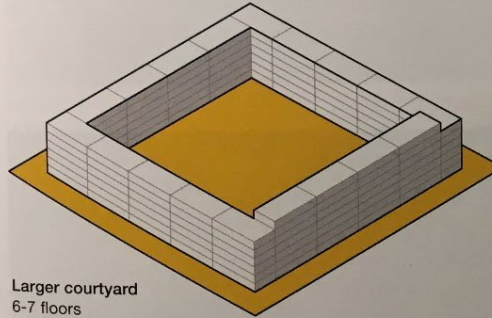
... **DENSITY CAN BE ACHIEVED IN
MANY DIFFERENT WAYS**



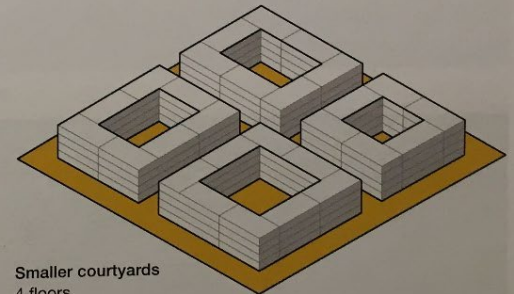
3 towers
18-19 floors
Building footprint: 1,200 m²
5% ground floor
5% top floor/"penthouse"
22% walk-up height
Street edge: 240 m



Slab blocks
14 floors
Building footprint: 1,600 m²
7% ground floor
7% penthouse
29% walk-up height
Street edge: 360 m



Larger courtyard
6-7 floors
Building footprint: 3,600 m²
16% ground floor
16% top floor/"penthouse"
67% walk-up height
Street edge: 400 m



Smaller courtyards
4 floors
Building footprint: 5,600 m²
25% ground floor
25% top floor/"penthouse"
100% walk-up height
Street edge: 720 m

...DENSITY CAN BE ACHIEVED IN
MANY DIFFERENT WAYS



28. Indre by.
Udnyttelsesgraden er ikke
høj, men bebyggelsen er
tæt og planløs.

LEARN FROM:
GRAVEN

...WE ARE IN THE NORTH!

**MAKE GREAT MICROCLIMATE A TOP
PRIORITY**

**ALLOW THE SUN TO ENTER
BUT NOT THE WIND
(= GENERALLY AVOID TALL BUILDINGS)**



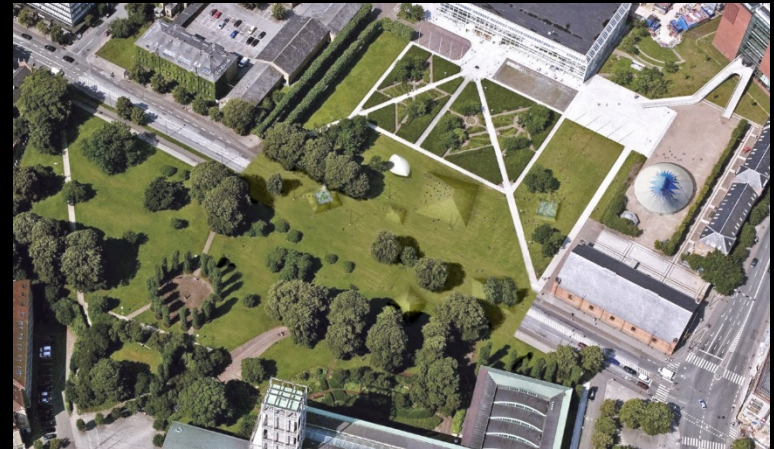
LEARN FROM:

AARHUS CENTRAL PARK
CITY OF AARHUS, ARKITEMA,
KRISTINE JENSENS TEGNESTUE,
SCHØNHERR AND OTHERS

DEMOCRATIC PUBLIC SPACE

FOR EVERYBODY

**THE IMPORTANCE OF NATURAL
PROCESSES AND OPEN UNBUILT SPACE
IN THE CITY**



LEARN FROM:

EXPERIMENTS AT BANEGÅRDSPLADSEN
CITY OF AARHUS AND SCHØNHERR
2014

**THE URBAN FLOOR AS SOMETHING
IMPORTANT IN ITSELF**

TO CREATE COHERENCE AND FOCUS



LEARN FROM:

EXPERIMENTS AT BANEGÅRDSPLADSEN
CITY OF AARHUS AND SCHØNHERR
2014

**(RE)MAKE A GREAT BANEGÅRDSPLADS
AS A WELCOMING GATEWAY TO THE
CITY**




LEARN FROM:
BANEGRAVEN/RINGGADEBROEN

**KEEP AND IMPROVE CONNECTION
(VISUAL AND PHYSICAL)
TO LANDSCAPE**



AARHUS H



**MOST IMPORTANTLY WE SHOULD CAREFULLY CONSIDER
WHAT KIND(S) OF URBAN DISTRICT(S), ATMOSPHERES AND STREET LIFE
WE WANT?**

LEARN FROM:
AARHUS H



**TO BUILD WHAT IS *DESIREABLE* AS A CITY
AND NOT WHATS *POSSIBLE* FROM AN ECONOMIC CALCULATION**