

The AIVP Days

Le Havre, France
29-30 June 2017

COMPETING THROUGH PORT-CITY ANIMATION



Panel 3: Creating a community of Port-City interests



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Communauté d'intérêts Ville Port : Hier-Aujourd'hui-Demain

Carola Hein

Chair History of Architecture and Urban Planning

TU Delft

Hier: Intégration

1. Intégration ville port: fonction et symbolisme
2. Industrialisation et séparation
3. Containerisation et transformation des anciens ports

VILLE PORTS: INTEGRATION GEOGRAPHIQUE, SPATIALE, POLITIQUE, ECONOMIQUE, SOCIALE, TECHNOLOGIQUE, CULTURELLE, EDUCATIONS, IDENTITES, STYLES DE VIE, TEMPORALITES

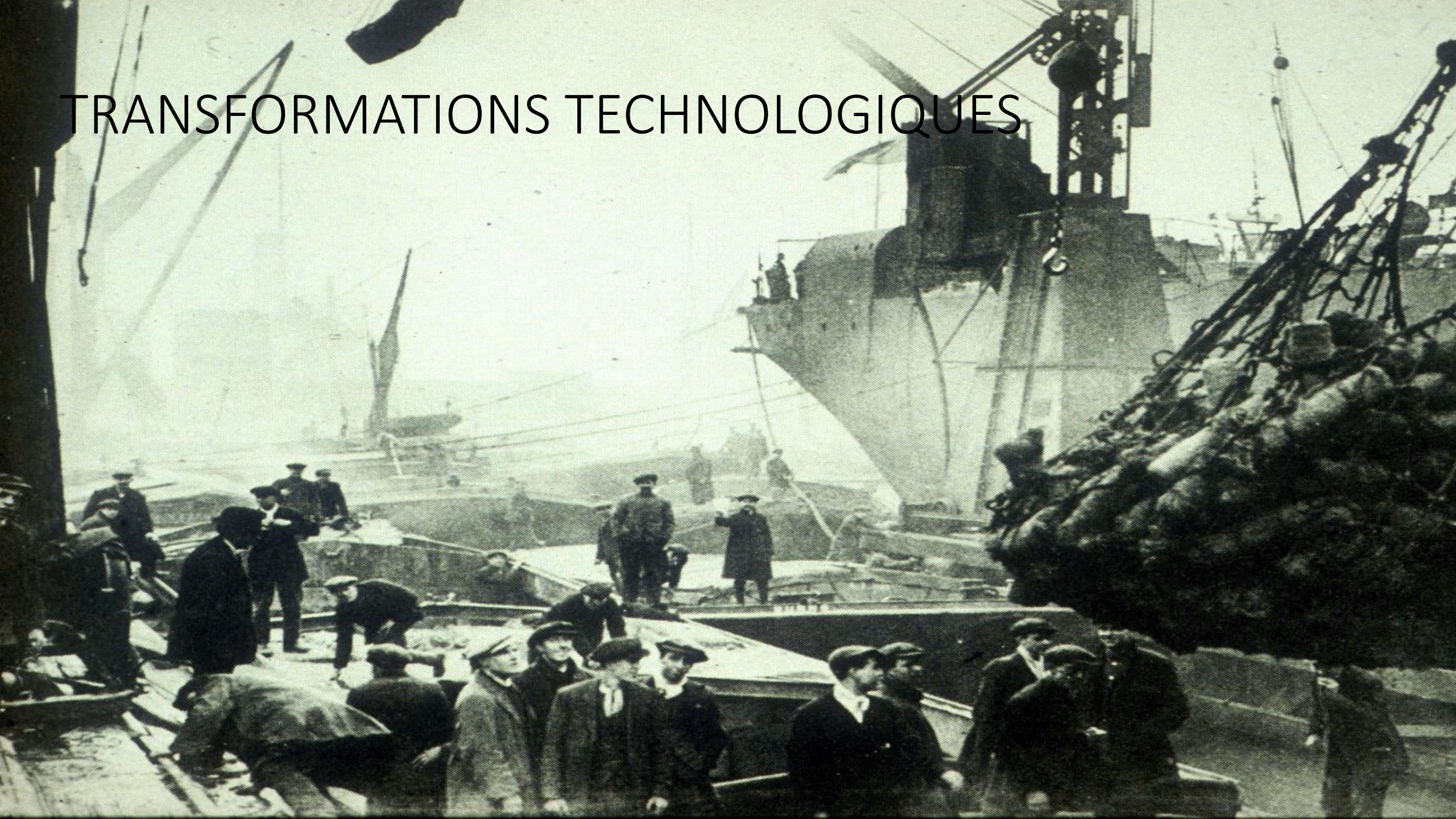


Woodcut admitted to Guicciardini, 1567 after woodcut of Cornelius Anthonisz, 1544 | Project of the Historic Cities Center | <http://historic-cities.huji.ac.il/netherlands/amsterdam/amsterdam.html>

DEBUTS DE SEGREGATION SPATIALE WEST INDIA DOCKS, 1805

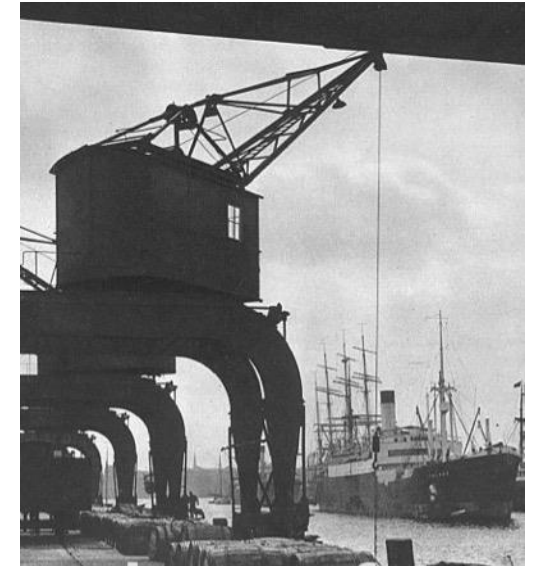


TRANSFORMATIONS TECHNOLOGIQUES



REPRESENTATION DU PORT ET DE LA VILLE

- ARTS, ARCHITECTURE, HERITAGE, LANGUES



“tussen wal en schep”:
quelque chose est perdu

Aujourd'hui: Co-existence

1. Port automatisé
2. Revitalisation d'anciens zones port
3. Croisières
4. Festivals

SEGREGATION SPATIALE, POLITIQUE, ECONOMIQUE, SOCIALE, TECHNOLOGIQUE,
CULTURELLE, IDENTITES, STYLES DE VIE, TEMPORALITES



BALTIMORE HARBOR MARYLAND: EVOLUTION D'USAGES, IDENTITES, STYLES DE VIE, TEMPORALITES



HAFENCITY HAMBURG: CROISIERES ET RENOUVELLEMENT URBAIN



Films, Music and Books



Unter heißem Himmel: Hans Albers, Lotte Lang



WATER BASED FESTIVALS: CRUISE DAYS, HAMBURG



HAFENCITY HAMBURG



Demain: Réorganisation

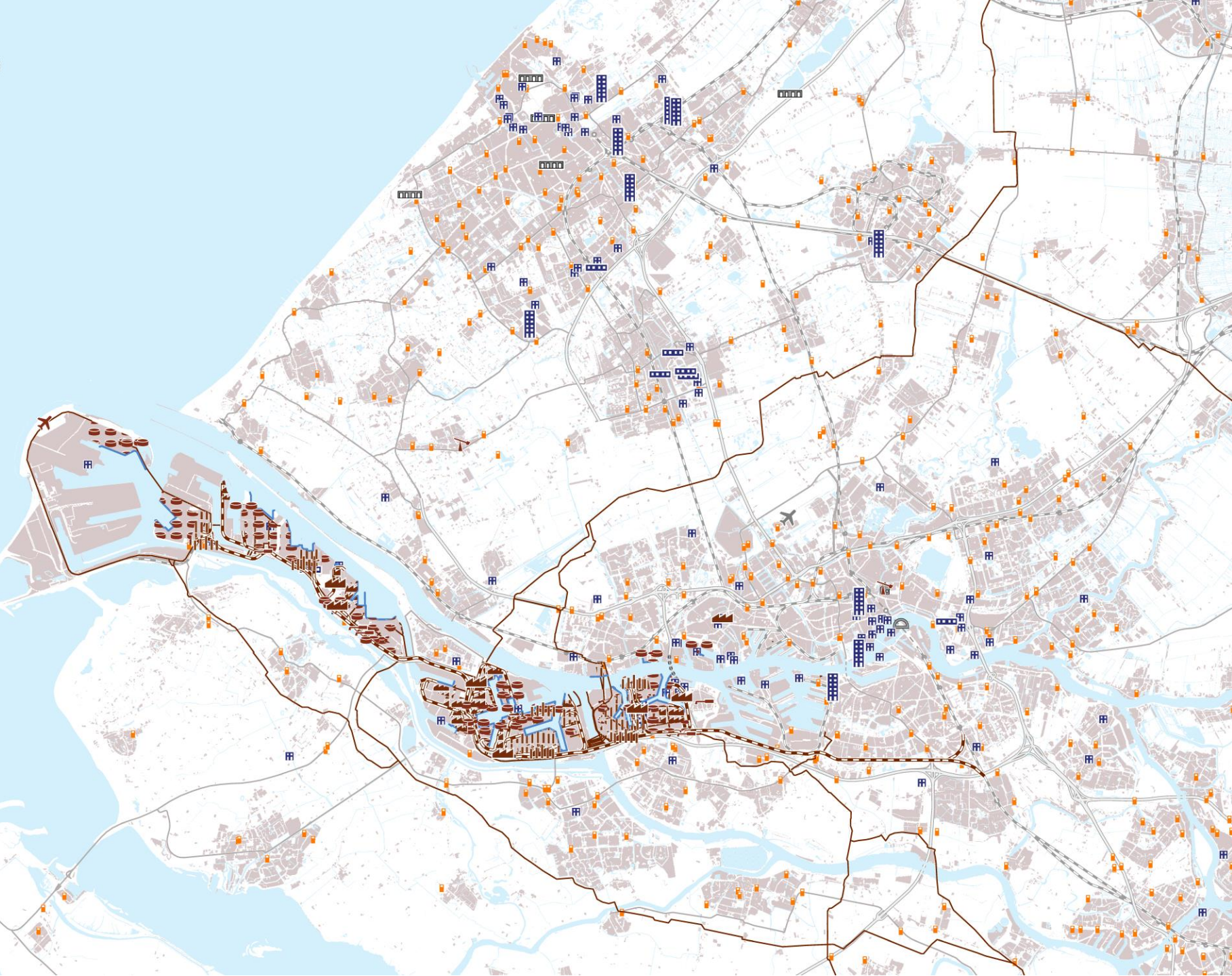
1. Change climatique
2. 4ème révolution industrielle, AI, 3D Impression
3. Block chain
4. Economies circulaires, Nouveaux styles de vie

CHANGEMENT CLIMATIQUE












CHANGEMENT CLIMATIQUE: NEW ORLEANS, 2005





Industrial

-  Oil well
-  Oil refinery
-  Oil storage unit
-  Processing unit
-  Oil dedicated port
-  Oil pumping station
-  Oil pipeline
-  Oil dedicated railway
-  Oil dedicated airport

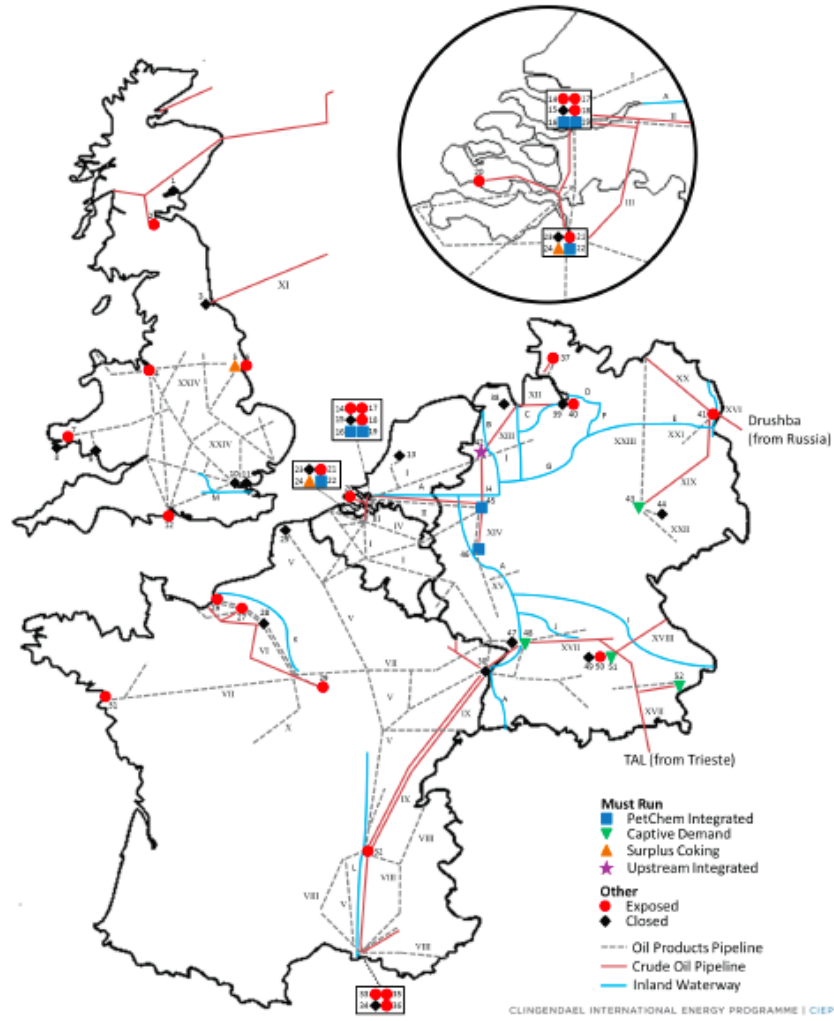
Retail

-  Gas station

Administrative

-  Headquarters
-  Office
-  Laboratory

CLINGENDAEL INSTITUTE REPORT SUR LE FUTURE DES RAFFINERIES

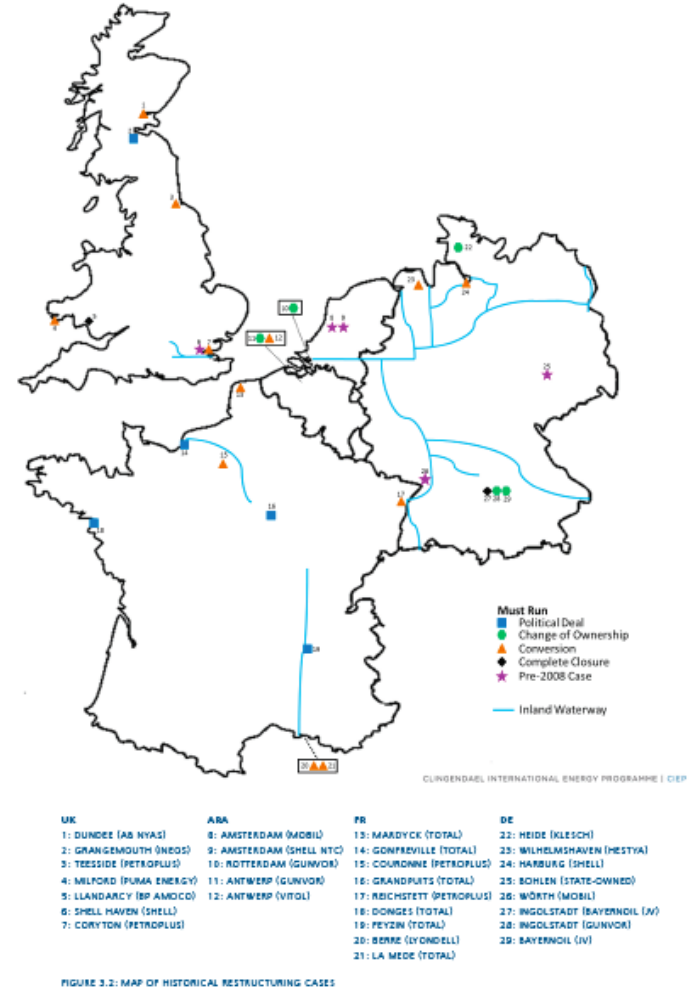


- UK**
- 1: DUNDEE (AB NYNAS)
 - 2: GRANGEMOUTH (PETROBRAS)
 - 3: TEESIDE (PETROPLUS)
 - 4: STANLOW (ESSAR)
 - 5: Humber (PHILLIPS 66)
 - 6: LINDSEY (TOTAL)
 - 7: PEMBROKE (VALERO)
 - 8: MILFORD (PUMA ENERGY)
 - 9: LLADARCY (BP AMOCO)
 - 10: SHELL HAVEN (SHELL)
 - 11: CORYTON (IV)
 - 12: FAWLEY (EXXON)
- ABA**
- 13: AMSTERDAM (MOBIL)
 - 14: ROTTERDAM (GUNVOR)
 - 15: ROTTERDAM (TEXACO)
 - 16: ROTTERDAM (SHELL)
 - 17: ROTTERDAM (KOCMO)
 - 18: ROTTERDAM (BP)
 - 19: ROTTERDAM (EXXON)
 - 20: ZEELAND (TOTAL/UKOIL)
 - 21: ANTWERP (GUNVOR)
 - 22: ANTWERP (TOTAL)
 - 23: ANTWERP (Vitol)
 - 24: ANTWERP (EXXON)

- FR**
- 25: MARDYCK (TOTAL)
 - 26: GONFREVILLE (TOTAL)
 - 27: PORT JEROME (EXXON)
 - 28: PETIT COURONNE (PETROPLUS)
 - 29: GRANDPUITS (TOTAL)
 - 30: RECHSTETT (PETROPLUS)
 - 31: DONGES (TOTAL)
 - 32: PEYZIN (TOTAL)
 - 33: POS-SUR-MER (EXXON)
 - 34: BERRÉ L'ÉTANG (LYONDELL)
 - 35: LAVERA (PETROBRAS)
 - 36: LA MEDE (TOTAL)
- DE**
- 37: HEIDE (KLESCH)
 - 38: WILHELMSHAVEN (HESSTAL)
 - 39: HARBURG (SHELL)
 - 40: HOLSBERG (SHELL)
 - 41: SCHWEDT (IV)
 - 42: LINGEN (BP)
 - 43: LEUNA (TOTAL)
 - 44: BOHLEN (STATO)
 - 45: GELSEMERICHEN (BP)
 - 46: RHEINLAND (SHELL)
 - 47: WÖRTH (MOBIL)
 - 48: MIRO (IV)
 - 49: INGOLSTADT (BAYERNOIL)
 - 50: INGOLSTADT (GUNVOR)
 - 51: BAYERNOIL (IV)
 - 52: BURGHAUSEN (OMV)

- PIPELINES**
- I: CEPS
 - E: KAPPAVAL
 - II: RAPL
 - IV: FALL
 - V: ODC
 - VI: LMP
 - VII: DMW
 - VIII: SPAN
 - IX: SPSE
 - X: TRAPE
 - XI: NORPIPE
 - XII: NDD
- PIPELINES**
- XIII: NWO
 - XIV: RRP/MEANOW
 - XV: RME
 - XVI: DRUSHBA
 - XVII: TAL
 - XVIII: ICL (MERO)
 - XIX: MVL (DRUSHBA)
 - XX: PCK
 - XXI: SEEFELD-BERLIN
 - XXII: MIPRO
 - XXIII: RRB
 - XXIV: UK SYSTEM

- INLAND WATERWAYS**
- A: RHINE
 - B: EMS KANAL
 - C: WESER
 - D: ELBE
 - E: ALTE ODER
 - F: ELBE-SEITEN KANAL
- INLAND WATERWAYS**
- G: MITTELAND KANAL
 - H: RHEIN-HERNE KANAL
 - I: DONAU
 - J: NECKAR
 - K: SEINE
 - L: RHONE
 - M: THAMES



- UK**
- 1: DUNDEE (AB NYNAS)
 - 2: GRANGEMOUTH (NEOS)
 - 3: TEESIDE (PETROPLUS)
 - 4: MILFORD (PUMA ENERGY)
 - 5: LLADARCY (BP AMOCO)
 - 6: SHELL HAVEN (SHELL)
 - 7: CORYTON (PETROPLUS)
- ABA**
- 8: AMSTERDAM (MOBIL)
 - 9: AMSTERDAM (SHELL NTC)
 - 10: ROTTERDAM (GUNVOR)
 - 11: ANTWERP (GUNVOR)
 - 12: ANTWERP (Vitol)
- FR**
- 13: MARDYCK (TOTAL)
 - 14: GONFREVILLE (TOTAL)
 - 15: COURONNE (PETROPLUS)
 - 16: GRANDPUITS (TOTAL)
 - 17: RECHSTETT (PETROPLUS)
 - 18: DONGES (TOTAL)
 - 19: PEYZIN (TOTAL)
 - 20: BERRÉ (LYONDELL)
 - 21: LA MEDE (TOTAL)
- DE**
- 22: HEIDE (KLESCH)
 - 23: WILHELMSHAVEN (HESSTAL)
 - 24: HARBURG (SHELL)
 - 25: BOHLEN (STATE-OWNED)
 - 26: WÖRTH (MOBIL)
 - 27: INGOLSTADT (BAYERNOIL (IV))
 - 28: INGOLSTADT (GUNVOR)
 - 29: BAYERNOIL (IV)

FIGURE 3.2: MAP OF HISTORICAL RESTRUCTURING CASES

PORT CENTERS: NARRATIVES DIGITALES



CHAPTER 1 DRILL



ONCE UPON A TIME, THE DISCOVERY



THEY BUILT REFINERIES ALL OVER THE WORLD



OIL TERMINAL



THEY USED IT FOR MAKING PLASTICS, BUILDINGS, MEDICINE

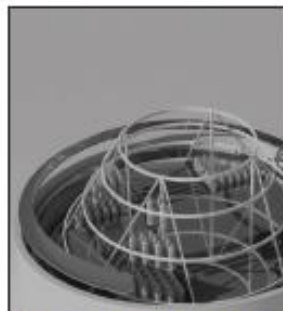
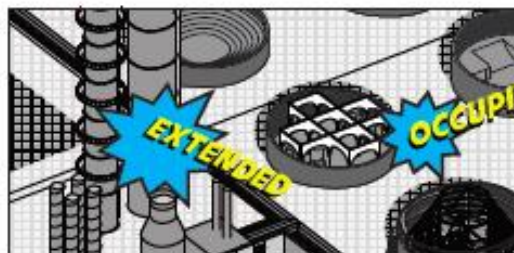


UNTIL THE GOLDEN AGE AND

CHAPTER 2 AD



THE BUILDINGS TAKE ON NEW FUNCTIONS. THE PORT IS RETURNED TO THE PEOPLE. FROM THEN ON, THE GOLDEN YEARS WERE BACK...



SOME OF THEM WERE USED AS BOTANICAL GARDENS, WHERE THEY STARTED TO GROW ALGAE FARMS. THESE DEVELOPMENTS CREATED A BASE FOR FUTURE DEVELOPMENTS.

INDUSTRY
OIL
ALTERNATIVE ENERGY
WATER DESALINATION
RECYCLING
DRY GOODS

RESEARCH
ALTERNATIVE ENERGY
WATER DESALINATION
RECYCLING

LEISURE
PETRO-ISLANDS
GREEN CYCLE PATH
WATERLAND
MAASVLAKTE BEACH



TO RECONNECT THE PORT, A NEW PASSENGER TRAIN IS ADDED TO THE EXISTING MAINLINES.
THIS CONNECTS EAST AND WEST

NEW CONNECTIONS ARE MADE ACROSS THE NIEUWE MAAS
THIS CONNECTS NORTH AND SOUTH

THE MUST-RUN REFINERIES BECOME ISLANDS TO SEPARATE THEM FROM THE CLEAN INDUSTRY.
THE TRAINLINE RUNS ALONG THE ISLANDS THROUGH THE BUFFER ZONE



THE TRAIN STOPS AT A BREAK IN THE TREES, TO REVEAL THE WORKING OIL REFINERY





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