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Translating ‘New Compactism’, circulation of knowledge and local mutations: Copenhagen’s Sydhavn as a case study

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ABSTRACT

The international circulation of urban design concepts often leads to their characterization as transferable ideals defined by a set of universalized ‘best practices’ that are simply implemented in new localities, as is typical of top-down approaches to planning. Recently, the compact city and New Urbanism have become trendy concepts informing the development of urban projects across geographies. This research draws on ANT sensitivities and policy mobilities studies to examine the regeneration of Copenhagen’s Southern Harbour (Sydhavn) wherein the compact city and New Urbanism ideals, together with a declared inspiration from Dutch architecture, were originally incorporated in the masterplan. Through the analysis of documents and semi-structured interviews, the paper illustrates how these ideals – merged as ‘New Compactism’ – were mobilized and re-interpreted by local actors in Sydhavn. It thus adds to our understanding of how the circulation of such ideals is not a matter of implementation, but a complex social process of translation that entails struggle and transformation.

KEYWORDS

Translation; compact city; New Urbanism; circulation of knowledge; policy mobilities; Copenhagen

1. Introduction

Contemporary urban development is characterized by an international circulation of urban planning and design concepts that shape ‘the global imaginary of urban practitioners and thus have very real effects, although their merits are often not proven’ (Rosol, Béal, and Mössner 2017, 1713) when they are implemented in the local context. According to Tait and Jensen (2007, 107), ‘the speed and intensity with which these ideas travel seems historically unprecedented’. Among those travelling concepts, the compact city has been idealized ‘as the preferred response to the goal of sustainable development’ (Hofstad 2012, 2).

Such concept has travelled worldwide by means of ‘best practices’ (Stead 2012) or the use of measurable indicators (Vicenzotti and Qviström 2018) of compactness, both falling into an ‘over-generalizing’ (Healey 2012, 202) approach that treats local context as an unproblematic receptacle. This idealization and overgeneralization of the compact city are exacerbated when such a concept is interpreted through the manifestos of urban movements such as New Urbanism (CNU 2000). Such movements, and on a more general level all types of developments under the compact city umbrella, promote an abstract and decontextualized use of exemplary projects as best practices (Moore

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2013). This undermines their compatibility with ‘local environments, which include the conventions, customs and local values’ (Zhang and Gao 2018, 218). It has been argued that such compatibility is required when ‘ideas and techniques from outside would become the inspiration for cultivating local best practices’ (Zhang and Gao 2018). Indeed, as Latour (2005) has pointed out, transportation necessarily entails transformation, a notion encapsulated in the concept of translation which lies at the heart of actor-network theory (ANT) and has proven useful in the study of how ideas travel, materialize and change in new localities (Czarniawska and Joerges 1996; Tait and Jensen 2007).

In this sense, there is a knowledge gap in regards to the way the Compact City and New Urbanism ideals are translated into different contexts whereby the original idea is subject to a ‘mutation’ (Albrecht et al. 2017) as it travels globally, ‘meshing with the requirements and problematizations of each context’ (Albrecht et al. 2017, 74). This paper aims to examine how the compact city and New Urbanism concepts travel internationally and are re-interpreted in the local context, focusing on the redevelopment of Copenhagen’s Southern Harbour (Sydhavn). In doing so, it adds to our understanding of how urban planning and design concepts modify, and are modified by, the adopting locality. Even though this case also embodies characteristics of waterfront regeneration projects, whose ideas are also circulating internationally (Garcia Ferrari and Fraser 2012), the focus of this paper is mainly on the local reinterpretation of the compact city and New Urbanism, for their value as ‘persuasive concepts in planning rhetoric’ (Grant 2003, 234).

The compact city and New Urbanism mix have been previously defined as ‘New Compactism’ (CORDIS 2015). Despite the lack of substantial literature using this term, we assume it and use it exclusively for the purpose of describing the mixture of New Urbanism and the compact city. The Sydhavn case is therefore considered as representative of a local version of New Compactism. The idea of compact and mixed-use development in this central part of the Danish capital is forged through a declared inspiration from Dutch Architecture and the inclusion, at least in part, of a New Urbanism or post-modernist approach. In contrast to the characterization of New Compactism as a singular transferable concept defined by a set of universalized ‘best practices’, this paper aims to foreground its contingent character by conceiving of it as a string of varied movements of translation mixing heterogeneous actors, such as people, models, standards and indicators, in particular locations of practice. In this paper, we build on a stream of critical policy research focused on policy mobilities (McCann 2011; McCann and Ward 2012; Peck 2011) as well as on ANT-inspired literature on the travel of ideas (Clarke et al. 2015; Czarniawska and Joerges 1996; Tait and Jensen 2007). These streams of research converge on the notion that the translation and circulation of policy or planning ideas into new settings is not merely a matter of implementation or adoption, but a complex social process that entails struggle and transformation, foregrounding the relationality and uncertainty inherent to translation efforts. Policy mobilities literature has tended to focus mostly on the movement of knowledge and models, which has prompted growing calls to develop a more thorough understanding of how policy shapes, and is shaped by, the importing locality (Wood 2021). For instance, Prince (2016, 424) has suggested that rather than ‘overly fetishizing the actual movement of policy’, researchers would do well in paying ‘more careful attention to the specific circumstances in which policy is adopted’. In this case, we contribute to such an effort by showing how the ideal of the New Compactism is translated and negotiated over time by various translocal actors in the case of Copenhagen’s Sydhavn. The following research questions are formulated

RQ1: How is New Compactism, as a meld of the compact city and New Urbanism ideals, translated in the Sydhavn development?

RQ2: What is the role of local actors in the mutation/translation process of such travelling ideals?

2. The compact city & New Urbanism as overgeneralized practices

This section is preparatory towards the empirical work as it highlights the rhetoric that stands behind the diffusion and international circulation of the compact city and New Urbanism as

idealized urban design models, which, similarly to the case study of this paper, have both been used in waterfront and/or harbour regeneration projects – e.g. for the compact city, see examples in Oslo (Garcia Ferrari, Jenkins, and Smith 2012) and Gothenburg (Soneryd and Lindh 2019); for New Urbanism, see examples in Toronto (Grant 2003) but also in Malmö, where ‘the top-down development in Western Harbour’s urban form (...) is completely in line with new urbanism principles’ (Medved 2017, 119). The section is not therefore intended either as a description or as an exhaustive state-of-the-art regarding both concepts, since they have been already widely explained and examined in the literature – e.g. for the compact city: Jenks, Burton, and Williams 1996; Churchman 1999; Dieleman and Wegener 2004; Newman and Kenworthy 2006; Boyko and Cooper 2011; Westerink et al. 2013; Fertner and Große 2016; Adelfio et al. 2018; Adelfio, Hamiduddin, and Miedema 2021; Kain et al. 2020; Kain et al. 2021; e.g. for New Urbanism: CNU 2000; Beauregard 2002; Grant 2003; Grant and Bohdanow 2008; Hirt 2009; Moore 2013).

The rhetoric of the compact city has been fuelled by a wide institutional endorsement (EU 2007; European Commission 2011; OECD 2012; UN-Habitat 2012), which has contributed to its global diffusion, in spite of an insufficient precision and agreement on its definition (Kain et al. 2020). The institutionalization (Gorgolas 2018) of the compact city has shaped its idealistic and paradigmatic connotation (Adelfio, Hamiduddin, and Miedema 2021), to the point that it has become in the European Nordic countries a ‘pervasive “urban norm”’ (Tunström, Lidmo, and Bogason 2018, 8) for urban design, planning and development. The ‘institutional embedding’ of compact cities served as a way to legitimate them, increase the level of resources and power in their development and achieve ‘reproducibility resulting from the standardization of practice’ (Neuman 2005, 21). Even when ‘planners are well aware of this trap of overgeneralization’ (Campbell 2016, 395) in the spreading of urban ideas, professionals have shown a ‘deference to the compact city ideal’ (Campbell 2016, 393) contributing to its diffusion as a set of ‘institutionalized’ best practices (Gorgolas 2018, 56).

New Urbanism, similarly to the compact city, ‘sustains itself as a universal movement’ belonging to the realm of ‘mainstream planning’ (Moore and Trudeau 2020, 384). Although in its origins it was ‘dedicated to halting urban sprawl’, it is nowadays also related to ‘the process of urban regeneration within the city’ (Cysek-Pawlak 2018, 21), which is in line with the case study presented by this paper. Its global diffusion, idealization and mainstreaming have fuelled its marketing appeal more than a consistent implementation into practice (Grant and Bohdanow 2008), producing rather heterogenous results which motivate the need for a better understanding of the ‘translations of the principles of the movement into specific contexts’ (Moore and Trudeau 2020). In fact, understanding its local translations can help to counteract the simplistic acceptance of ‘New Urbanism as “best practice” composed of “a formalistic, even ritualistic, set of norms, practices and policies’ (Moore 2013, 2382).

In this work, New Urbanism is associated with post-modernism (Audirac and Shermyen 1994; Denslagen and Gardner 2009), although we acknowledge that such an association has been the object of debate (Beauregard 2002; Hirt 2009). Here, we embrace this linkage as it emerged from the sources (see the section on method) used in the empirical work – e.g. reference to Soeters as post-modernist and to Sluseholmen as New Urbanist – following also Hirt’s (2009, 248) argument that New Urbanism ‘rejects the key design tenets of modernist planning and strives to revive pre-modern urban forms (and in this sense qualifies as “post-modern”’).

3. Exploring the translation of planning concepts through ANT sensitivities

This paper deals with the international circulation and adoption of urban development/planning concepts (Harris and Moore 2013). Such topic has been approached through different theoretical lenses – e.g. interpretive policy analysis (IPA) (Healey 2013), urban assemblages (McFarlane 2011a), actor-network theory (ANT) (Tait and Jensen 2007), geography of mobilities (Temenos and McCann 2013), and circuits of knowledge (McCann 2011; Healey 2013). While these approaches differ in their emphasis and assumptions about what is circulating and how (Healey 2013), they

have in common an interest in ‘mobilities’, converging on the understanding that the movement of knowledge across localities over time is a convoluted social process (Wood 2021). In the field of urban studies, over the last decade, the burgeoning interest in the movement of policies and models across geographies has given rise to a research agenda built around the notion of ‘policy mobilities’ (Peck and Theodore 2010a; McCann 2011; Baker and Temenos 2015; Wood 2021). This research has shown how travelling ideas are transformed in the embodied practices and social connections made by actors (McCann 2011), in ‘a profoundly geographical process, in and through which different places are constructed as facing similar problems in need of similar solutions’ (Ward 2006, 70). A number of studies of policy mobilities have shed light on, for instance, the travel of city strategies (Peck 2012; Robinson 2015), sustainable building assessment models (Faulconbridge 2015), waterfront redevelopment schemes (Cook and Ward 2012), welfare programmes (Peck and Theodore 2010b), harm reduction drug policies (Longhurst and McCann 2016) and urban planning concepts (Wood 2019). This literature has highlighted the role of circulating nonhumans such as models, texts and photographs (Faulconbridge 2010) as particularly relevant, enabling local ‘communities of practice’ (Amin and Roberts 2008) to get acquainted with the work of ‘wider constellations of practice’ (Faulconbridge 2010, 2855), such as globally circulating projects of architects. Yet, by focusing primarily on the movement of knowledge, policy mobilities studies have paid less attention to how policy shapes, and is shaped by, the appropriating locality (Wood 2021). Wood (2016, 392) has suggested a ‘Latourian approach’ to policy mobilities to unravel the procedures through which concepts from elsewhere become rooted in a new locality, attending to ordinary practices ‘be it through engagements with fellow practitioners, with their toolbox of material solutions, or after a particular moment of discovery’.

In this paper, taking our cue from Wood (2016) and Clarke et al. (2015), we mobilize the ANT sensitivities that to a great extent have informed existing literature on the travel of ideas (Czarniawska and Joerges 1996; Tait and Jensen 2007) and combine them with insights from policy mobilities studies, particularly in relation to the role of ‘policy mobilizers’ (McCann 2011, 114) and the ‘mutation of travelling policy’ (Albrecht et al. 2017, 74). As Mol (2010, 253) argues, ANT is not a coherent theoretical or methodological framework that one simply ‘applies’, but can be better grasped as ‘a set of sensitivities’ that, far from building a solid and fixed scheme, are meant to be used as an adaptable repertoire to help the analyst be attuned to a world in the making. Within such ANT sensitivities, translation appears as a key concept that evokes both notions of movement and transformation, comprising both immaterial – e.g. ideas, knowledge or policies – and material objects (Czarniawska and Sevón 1996) – e.g. artefacts or models. As both a semiotic and material movement, translation is helpful to describe how ideas materialize into objects and actions as they circulate from one locality to another (Czarniawska and Joerges 1996) – a costly process that entails acts of (re-)interpretation and (re-)negotiation (Callon 1986). According to Latour (1986), this understanding of translation can be contrasted with the more traditional notion of diffusion. The latter assumes a chain of passive intermediaries who supposedly transmit or transfer a stable object or token, whereas the former foregrounds the uncertainty inherent to ‘the spread in time and space of anything’ whereby human and non-human translators ‘may act in many different ways, letting the token drop, or modifying it, or deflecting it, or betraying it, or adding to it, or appropriating it’ (Latour 1986, 267). Translation challenges popular notions of ‘policy transfer’ that rely on this model of diffusion (see Peck 2011; Clarke et al. 2015).

From this perspective, a travelling policy can be conceptualized as a metamorphosing script inserted into a new network of relations that both changes and is changed by said relations, rather than a stable object that is simply transplanted or transferred from one site to another. In this sense, there is not ‘a global’ concept of the compact city or New Urbanism but only an array of local translations of them. Its ‘global’ character is nothing but a relational achievement resulting from the process of translation. Indeed, ‘policies, models, and ideas are not moved around like gifts at a birthday party or like jars on shelves’, and thus the ‘need to understand and identify who mobilizes policy is crucial precisely because mobilities are social processes’ (McCann 2011, 110–111). Hence,

apprehending the compact city and New Urbanism as travelling concepts necessitates a ‘post-transfer approach’ (McCann and Ward 2012, 328) that highlights how the practice is modified when it is translated in a different location. Since ‘the roles and identities of actors, are negotiated and settled in different contexts (...) policy has to be socially embedded in the target audience by connecting it to particular problems or opportunities within each locality’ (Albrecht et al. 2017, 74). In this manner, our analysis dissents from the conventional ‘rationalist-formalist tradition’ (Peck 2011, 774) of policy transfer literature, deploying these ANT sensitivities to unpack how the compact city and New Urbanism ideals are translated into a different context.

4. Method

This paper draws mainly on qualitative research methods used to explore the historical narrative (Montgomery 2016) of the case study (Sydhavn, Copenhagen) and highlights the process of translation of imported urban design/development ideas. Within the Sydhavn area, special attention is given to the Sluseholmen scheme, inspired by Dutch architecture and incorporating New Urbanist and Compact City perspectives. The analysis of the historical narrative of the project is aimed to define a timeline with project phases. Each phase is a result of interconnected policy mobilizers, enrolled artefacts and coordination encounters – a term coined in this paper as a variant of McFarlane’s ‘coordination tools’ (McFarlane 2011b, 364) focusing only on events. The combination between an ANT-sensitivity and the use of a historical narrative approach enables ‘the potential of narratives to be simultaneously descriptive and explanatory by fostering an explicit deployment of temporal order, connectedness, and unfolding of events’ (Ponti 2012, 1).

For the analysis of the narrative, ten semi-structured interviews with thirteen persons, conducted during the first six months of 2019, were directed to a wide range of actors representing different profiles, including two residents, retired from work; two residents, children; one resident, blogger and local guide; one resident and consultant in the architectural firm; one developer; two architects; one planner from the Copenhagen municipality; two architects from the Copenhagen municipality; and one politician. The snowball sampling technique was used taking into account the need to ensure diversity of stakeholders’ profiles.

Moreover, document analysis of planning documents and relevant literature was added to obtain further information about the historical process and involvement of actors as policy mobilizers in the Sydhavn and Sluseholmen in particular. The following themes were considered for the coding of interviews and documents: New Urbanism; post-modernism; compact city; Copenhagen local character; actors as mobilizers; process steps; and mutation.

5. Contextualization of case study

5.1 The inner-city focus and the compact, mixed-use development approach in Copenhagen before the Southern Harbour regeneration

The continuous urban area of Copenhagen, which includes several municipalities, has around 1.3 million inhabitants. The central municipality, the City of Copenhagen (henceforth Copenhagen), had around 620,000 inhabitants in 2019 (source: <https://www.statbank.dk/>) and is growing with about 10,000 inhabitants every year – a growth which has been going on for more than two decades. However, during the 40 years prior to that, Copenhagen experienced a steep decrease in population, mainly caused by suburbanization, decay of inner-city areas and deindustrialization (Bamford 2009). The turn came in the 1990s with a new interest in inner-city locations for living and working and a new political focus on rehabilitating urban areas (Jørgensen and Ærø 2008), including the decision to build the Øresund bridge and tunnel, the Copenhagen metro, an extension of the airport, various public and cultural institutions and the new urban district Ørestad. This was also mirrored in the return of private investment (Andersen and Winther 2010). According to Urban

(2019, 4), an important contribution towards an approach based on urban regeneration, urban compaction, liveability and sustainable development came from Jan Gehl, whose ‘model of a dense, mixed-use city dominated by pedestrians and cyclists was often mentioned in Copenhagen’s strategic plans and political programs’ since the 1990s. Urban (2019) also mentions two more factors that favoured such an inner-city regeneration focus. First, the crisis of the Danish welfare state producing a shift from institutionally controlled planning and construction towards a more market-based urban development approach (Hansen and Engberg 2017). Second, specific changes in housing policies and subsidies including deregulation for cooperative housing that led to an increase in prices (Kristensen 2007).

5.2 The Sydhavn plan: case study description and justification

The case study for this paper is the Southern Harbour (Sydhavn in Danish) of Copenhagen, Denmark. Since the 1990s, the area has undergone a process of regeneration from being obsolete, almost neglected dockland with a heavy industry past to a mixed-use urban district. In 2009, it won the Danish Urban Planning Award ‘for the fine proportions and emphasis of the human scale’ (Danish Town Planning Institute 2009). The Sydhavn masterplan, from the beginning of the twenty-first century, incorporated the Compact City and New Urbanism concepts as well as inspiration from Dutch architecture. The Dutch influence came from the masterplanner, Sjoerd Soeters, a post-modern architect who took inspiration from his Amsterdam’s Java Island project (Figure 1) and Adriaan Geuze’s Borneo-Sporenburg scheme (Abrahamse and Buurman 2006), which can be set against the backdrop of a historical Danish-Dutch connection in urban development.

In Sydhavn, Soeters’ post-modernism is forged through a structure of canals and direct frontage of buildings into the water, resembling Amsterdam and even Venice (Smith and García Ferrari 2012). Such a nostalgic reinterpretation of the past in the architectural and urban form provides the project with a New Urbanist flavour. Moreover, the masterplan proposed a compact morphology of urban blocks and the inclusion of a mixed-use boulevard. While the compact city and New Urbanism concepts were more or less explicitly addressed in the original masterplan by Soeters – as, usually, compact city and New Urbanism projects tend to be masterplanned – the later intervention of the different land buyers, developers and builders in the project produced a juxtaposition of diverse forms. Hence, the translation process from a masterplanned development into a mosaic of different urban forms should be given special attention as well as a reflection on what remains of the initial compact city and New Urbanism ideas in the project outcome. At present, only the sub-areas named Sluseholmen, Tegholmen and Havneholmen are developed fully or in part (Figure 2), with the first case being the one where the import of international urban knowledge concepts is more evident.

6. Analysis of policy mobilizers and travelling concepts: historical narrative

In this section the historical narrative of the Sydhavn is described and structured into development phases, highlighting the main actors as policy mobilizers of each phase. The textual information of the narrative is complemented with specific tables referred to each phase. Each table is not a repetition of the text but instead summarizes in one place altogether the key events of each phase, the actors, enrolled artefacts, as well as coordination encounters necessary to the translation of New Compactism in the Southern Harbour.

6.1. Phase 1: until the 1990s

The Southern Harbour was developed as an industrial harbour in the 1870s. By the 1920s, with the arrival of international car manufacturers, the area came to be known as ‘Little Detroit’. Similar to other industrial areas in the city, the harbour progressively lost its industrial function



Figure 1. Compact and dense urban development on Java Island, Amsterdam. Courtesy of Sjoerd Soeters.

from the 1970s and became a meeting place for gang members and prostitution. The presence of these actors contributed to the decay and bad reputation of the area and triggered a political response. During the 1980s, several plan proposals for the harbour were developed by different actors (the harbour administration, the state and the municipality), but none of them were ultimately realized. From 1984, small citizen groups started to emerge

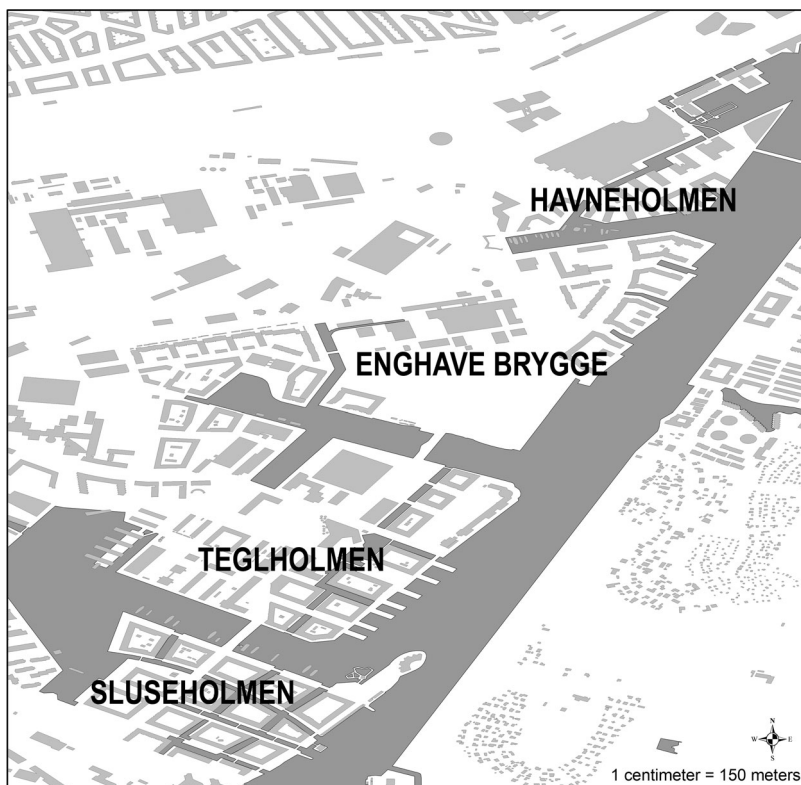


Figure 2. Southern Harbour area. Author's work combining Openstreetmap building layer with WMS background from the Copenhagen municipality.

Table 1. Phase 1: Summary of key events, actors/mobilizers, enrolled artefacts and coordination encounters.

Phase	Summary of key events	Actor/Mobilizer	Enrolled artefacts	Coordination encounters
1	Harbour loses its traditional industrial function and becomes a decaying area.	Dealers, Prostitutes, Hell's Angels	Drugs, Brothels	Unsuccessful discussions between harbour, state and city
	Small citizen groups start using the harbour for play and recreation.	Citizens	Islands Brygge Harbour Park	Formal and informal citizen meetings

and use part of the harbour for recreational purposes, financing and developing, among other things, the Islands Brygge harbour park. More information about this phase is included in [Table 1](#).

6.2. Phase 2: 1990–1997 – recovery of Copenhagen

At the turn of the decade, following the recovery of Copenhagen's economy, construction of office buildings along the harbour area began, prompting the cleaning of the water and putting the harbour in new focus. Yet, as it stood, the 1993 Municipal plan still conceived the harbour area for port-related conventional functions (e.g. mercantile and logistics). The main actors/mobilizers of this phase (see also [Table 2](#) for more information) were composed of an emerging office building industry, the local Danish architectural firms and property developers who expressed their interest in rehabilitating the area.

The first construction projects (mostly office buildings and hotels) took place in a central part of the harbour area, Kalvebod Brygge. This development was monofunctional and criticized for its design, which isolated the city from the harbour with long buildings running in parallel to the waterfront and without public space in front. At the time, the idea of a compact and dense development was still not in vogue and there was no reference to any postmodern or New Urbanist development approach in planning documents. Furthermore, the shape of the real estate market precluded the introduction of mixed uses. Housing construction was at an all-time low, and there was scepticism around the notion that housing could be attractive and sold in the harbour (Bisgaard 2010).

6.3. Phase 3: 1997–1999 – plans for the redevelopment of the harbour

In 1997, the harbour administration met with landowners to elaborate a comprehensive plan (i.e. 'Plan 2010') for the port area together with Danish architectural firms, such as Arkitektgruppen Aarhus, later renamed as Arkitema (Havn and Kjærsgaard 1997). This plan proposed large office development, but also included residential buildings in various locations within the harbour. According to Faber (1998), the lead developer of the harbour administration, Karl-Gustav Jensen, declared in 1998 that Copenhagen was lacking housing along the waterfront area and that housing

Table 2. Phase 2: Summary of key events, actors/mobilizers, enrolled artefacts and coordination encounters.

Phase	Summary of key events	Actor/Mobilizer	Enrolled artefacts	Coordination encounters
2	The economic situation in the city improves, sparking interest in rehabilitating the area.	Property Developers, Danish Architects, Office Building Industry, State	New infrastructure investment (Øresund bridge, metro ...)	Meetings
	The water in the port area is cleaned.	Municipality	Clean water	Meetings and maintenance work
	New office buildings contribute to the debate around the harbour.	Builders, Landowners	Kalvebod Brygge	Building work
	The municipal plan still envisages traditional industrial harbour functions.	Municipality	Municipal plan 1993	Meetings

Table 3. Phase 3: Summary of key events, actors/mobilizers, enrolled artefacts and coordination encounters.

Phase	Summary of key events	Actor/Mobilizer	Enrolled artefacts	Coordination encounters
3	The critique of traditional harbour development intensifies in the public debate.	Press, Architect and masterplanner, Danish architects	Newspapers	Journalistic work, architectural conferences and meetings
	The 'Plan 2010' is elaborated, envisioning the harbour as an area of mixed-use.	Harbour Administration, Municipality, Landowners, Danish Architects	Plan 2010	Meetings, architectural work
	The Local Plan 310 follows in the same vein, but with a rather traditional design.	Municipality	Local Plan 310	Meetings
	The development of new office buildings and a bridge shape new architectural ambitions for the harbour.	Private companies	Bridge, new office buildings	Meetings, architectural work

Together with the municipality, the general harbour plan was further developed (e.g. by adding a green wedge going east–west) and simultaneously a local plan, a legally binding plan to regulated urban development, for the part of the Southern Harbour called Teglværkshavnen (Sluseholmen and Teglholmen) was initiated (Københavns Kommune 1998). A different approach to the redevelopment of the harbour started to emerge, including 'quality buildings using the special qualities of the water area. There should be place for architectural new-thinking and experiments in new construction' (Havn and Kjærsgaard 1999, 1). Even if the 'Plan 2010' and the first local plan of Sluseholmen/Teglholmen still had 'strong modernistic ideas regarding light, air and view lines', it highlighted that 'it should be possible to see the water from the street behind the buildings. This was a dogma at all other locations in the city in the 1980s/1990s. It was the first planning principle in Southern Harbour' (Christiansen and Stamer 2015, 240).

The city council adopted the Local plan Nr 310, based on the aforementioned 'Plan 2010', on 16 June 1999. Office construction continued in the Southern Harbour, including the local headquarters of Nokia (now Aalborg University) and Daimler/Benz, still in the form of modernistic rectangular office buildings. Further, in 1999, the first public harbour baths were built, setting a new precedent beyond office that provided a clear 'indication of a potential for developing the area', as one resident/blogger told us during an interview. The key events, mobilizers, enrolled artefacts and coordination encounters of this phase are displayed in Table 3.

6.4. Phase 4: 1999–2000 – a new masterplan for Sydhavn

Around 2000, the 'Copenhagen Harbor was (...) quite desperate for a different kind of business' (Interviewee. Architect, municipality of Copenhagen) that could give new life to the harbour area. As a policy mobilizer (see Table 4 for more information on this and other mobilizers), the municipality had a twofold role embodied by its technical and financial departments.

Whereas the Local Plan nr 310 had been adopted in mid-1999 due to the work of the municipality's technical department, the financial department responsible for the municipal plan, a higher-level urban development plan for the whole city, was lobbying for the elaboration of a new plan for the whole harbour. On 6 May 1999, the city council agreed to start such a process, to be completed within a year. A steering group, a secretariat and a contact group were established. Members were overlapping and came from the municipality (from both aforementioned departments), the state (Ministry of the environment), the public landowner company (Freja) and the harbour. The group decided quickly to work with three focus areas (north, inner and south) instead of the harbour as a whole. The focus was 'mainly on participation from the different groups of political institutions involved and on developers, rather than on the residents or existing small businesses' (Smith and Garcia Ferrari 2012, 182).

Table 4. Phase 4: Summary of key events, actors/mobilizers, enrolled artefacts and coordination encounters.

Phase	Summary of key events	Actor/Mobilizer	Enrolled artefacts	Coordination encounters
4	A steering group is constituted to devise a new comprehensive plan inspired by foreign projects. The group splits the harbour into 3 areas, one of them being the southern harbour.	Municipality, State, Public landowner company, Harbour administration	Planning documents	Travels, meetings
	Amsterdam's Java Island is selected as the basis for the southern harbour's masterplan.	Municipality, State, Public landowner company, Harbour administration, Dutch Architects	Images of Java and Borneo development, Soeters master plan for Sydhavn	Travels, meetings
	A public exhibition of the plans generates renewed public interest in the harbour.	Press, Citizens, Dutch Architects	Models, images, plans for the 3 areas	Exhibition

From the very beginning, the steering group agreed to obtain inspiration from other projects in Europe. The rationale, as an architect working at the municipality of Copenhagen told us, was that 'in town planning, you are allowed to take references. When you see something beautiful in another part of the world, you can steal it'. Thus, fieldtrips were organized to new urban developments in Paris, Amsterdam, Barcelona, Berlin, Hamburg, Malmö and Oslo. In the end, Amsterdam has deemed the most appropriate inspiration for the redevelopment of the harbour.

The steering group decided to hire two Dutch architects, Sjoerd Soeters for the Southern Harbour and Adriaan Geuze for the Northern Harbour. There was an initial reluctance about their involvement on the part of the Danish architectural community and local planners, who 'were against it because they thought they were the ones who should do it' (Interviewee. Architect and masterplanner). For some of the disgruntled, a notable issue of contention was their desire to keep with tradition and develop 'simple buildings' that would be evocative of traditional harbour warehouses ('pakhus'), rather than adopting a foreign style, as a chief planner from the municipality mentioned in an interview.

In particular, the acceptance of post-modern or New Urbanist ideas was initially problematic so these concepts were introduced with some difficulties, as stated in the interviews. Despite this, the involvement of the Dutch architects effected a shift from the initial modernistic or office-oriented urban development ideas dominating the Danish planning imagination for the harbour into what can be considered as a combination of post-modernist and compact city principles.

If there is one thing we agree on in Denmark, it is that post-modernism in architecture is no good. (...) You know when we got down to the project, it actually turned out the ideas that Sjoerd has regarding urban planning are very interesting and very easy to translate into Danish architecture and Danish contexts. (Interviewee. Architect, private Danish firm)

The compact city ideal was explicitly introduced by the municipality as a very novel concept at that time, a development idea 'for pedestrians and people moving at a slow tempo', as an architect working for a Danish firm characterized it in an interview. The steering group particularly focused on the introduction of high building density in the harbour, especially after the Dutch architect Adriaan Geuze introduced the term 'critical mass' and promoted high density as a prerequisite to foster urban vitality in the harbour (Bisgaard 2010, 99).

In mid-2000, the new plans for three parts of the harbour were presented publicly in an exhibition with about 20,000 visitors, according to an informant at the municipality. Particularly relevant in terms of policy mobilization was the role of the local press, which shaped public opinion and ultimately contributed to the legitimation and success of the project and also acted as an intermediary between local authorities and residents. 'The press was very impressed. They thought we had done a good work. The clue was that we had made housing in the harbour and not offices. People want to go down to the harbour' (Interviewee. Planning Department, Copenhagen municipality).



Figure 4. Reduced public space in Suseholmen, Copenhagen (Picture by authors).

That same year, the New Urbanist flavour was invoked in Soeters' first masterplan for the Southern Harbour. But the implementation of New Urbanism was a matter of debate. It was recognized as an inspiration in terms of broad principles, but also criticized by some actors for not being 'place-specific', as one architect and masterplanner put it. For this reason, the reinterpretation of New Urbanist ideas, in the application of Soeters' post-modernism to the Sluseholmen case, took inspiration, on the one hand, from foreign influence, particularly looking at Amsterdam and Venice and, on the other, from local Copenhagen historical areas – e.g. Christianshavn. Soeters' masterplan used historical developments in these three cities as references and examples for densities, urban design, mixed-use development and the compaction of public spaces. At a later stage, social housing was included in the plan to promote social diversity. However, the masterplan already highlighted the need for a mix of different housing types for balanced city development.

Specifically, the 2000 masterplan included a mixed-use boulevard with retail on the ground floor, contributing to the rising of a compact city concept in the area. A mutation from the inspirational Amsterdam Java's project towards enhanced densification and intensification of use of the leftover public space (Figure 4) was achieved 'by introducing the crossing canals and having the buildings with one foot in the canal', as one architect and masterplanner explained.

In general, in terms of planning and design, the interviewees noticed how urban design concepts are reformulated and improved when travelling.

You have to do it better and you have to translate it into Danish traditions and architecture. So, my point of view is, that we did translate this. (Interviewee. Architect, municipality of Copenhagen)

The thing that struck me more in Amsterdam was that it was more uniformed, it was more kind of regimental; straight lines. The canals here are more curved. It feels friendlier here. As I remember, there was some difference in the facades. It was quite child-friendly in Amsterdam. I get the sense that this is more diverse and even more compact, more densely populated. In Amsterdam, I got the sense that it was more spread out. (Interviewee. Resident, guide and blogger)

6.5. Phase 5: 2001–2004 – translating and detailing the masterplan and the plan for Sluseholmen

This phase was characterized by a range of policy mobilizers (Table 5) intervening in different aspects of the Southern Harbour redevelopment (Figure 5).

The Harbour administration was the owner of most of the land, while from 2001 the land developers formed a consortium and collaborated with the municipality, Arkitema and the Harbour administration. They all collaborated in the revision of the masterplan, although 'Soeters was 100% the most important person in developing the idea behind the master plan' (Interviewee. Architect, private Danish firm).

Table 5. Phase 5: Summary of key events, actors/mobilizers, enrolled artefacts and coordination encounters.

Phase	Summary of key events	Actor/Mobilizer	Enrolled artefacts	Coordination encounters
5	The engagement of foreign architects sparks a discussion among the Danish design community.	Danish Architects	Professional media, interviews	Increasingly foreign architects engaged
	The municipality amends Local Plan 310 and calls for the preservation of local particularities.	Municipality	Local Plan 310, Red houses	Meetings
	The masterplan for the southern harbour gets 'Copenhagenized' and detailed in a collaboration between Dutch and Danish architects.	Dutch Architects, Danish Architects	Design guidelines Masterplan	Workshops, Meetings

The Danish architectural firm Arkitema had a key role within policy mobilization, involving a process of mediation and translation which is particularly well described in the interviews:

We were engaged by the land buyers. Sjoerd Soeters was engaged by the land owners. Our job was first and foremost to translate Sjoerd Soeters masterplan to a Danish local plan. And our job was, on the developer side, to bring the local plan to life, so that developers could measure the square metres, the building costs, whatever. Actually, we had a very close collaboration with Sjoerd Soeters in the process of developing the local plan. (Interviewee. Architect, private Danish firm)

The Arkitema role was to bring the urban development to life. How should we transform this very overall idea about a masterplan to actually a new city which could be built according to Danish building laws, Danish building tradition, could be sold to Danish housing consumers and so on. (Interviewee. Architect, private Danish firm)

The cooperation with the Dutch architects continued until 2003. A design manual (Arkitema 2003), a separate document from the local plan, was elaborated. This design manual proposed the concept of 'dogmas', as design principles to follow, inspired by the Danish filmmaker, Lars von Trier. Parts of it were then integrated into two amendments to the existing local plan (n. 310) for the area (City of Copenhagen 2004), which concluded the planning for Sluseholmen. As one informant explained:

We copied that and decided that we should have 10 architectural dogmas in Sluseholmen. (...) An example of an architectural dogma was that no two houses could have the same height. They had to have variation. No two houses could have the same windows, entrances, colors and so on. (Interviewee. Architect n.2, Copenhagen municipality)

In the dogmas, we stated that every courtyard should have a certain typology from Venice; to get from the courtyard, directly down to the canal. (...) Yes, the houses all going down into the water, is Venice inspired. (Interviewee. Architect n.2, Copenhagen municipality)

On the other hand, a process of 'translation of Dutch architecture, of Dutch pragmatism, into something Danish' occurred (Interviewee. Architect n.2, Copenhagen municipality), due to the influence of local architectural tradition, including the architectural details and the variations in colours. Java Island could not simply be transposed into the Danish context, as one informant observed, because the 'situation is different, the size of the land is different and so on. But we started to study on the basis of Java Island, if we could do better than Java Island' (Interviewee. Architect and masterplanner).

Within the translation process, the local conditions of land have had a clear impact on the project.

Well, there was physical local context, there was of course silo-buildings, there was the power plant that has a kind of environmental circle around it, there was a loading dock for the power plant, and there was an explosion risk, there were office buildings and buildings where they experimented with diesel engines for ships. So, there were a load of environmental issues. (Interviewee. Architect and masterplanner)

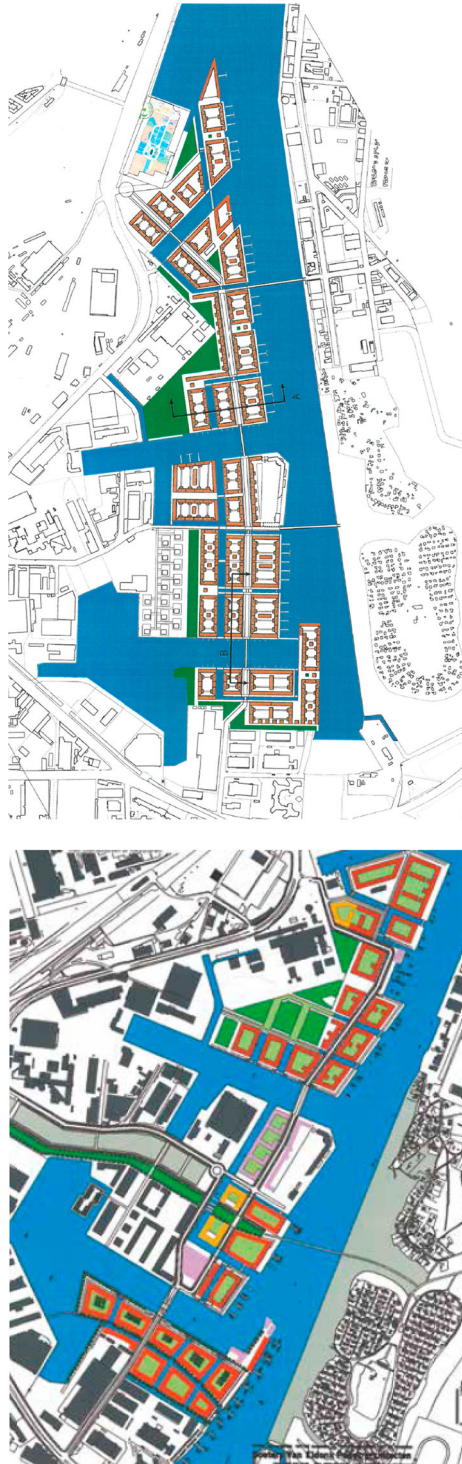


Figure 5. First Soeters' masterplan from 2000 top (Soeters van Eldonk architecten 2000), and final comprehensive plan from 2002 bottom (City of Copenhagen 2004).

A specific influence from local context which contributed to maintain historical memory, contribute to the local ambience and achieve a diverse urban environment was that ‘the municipality said that they wanted to keep the Bådklub, the old red houses, to get the diversity. This is about the harbour mess, which is our religion here’ (Interviewee. Architect, municipality of Copenhagen). The Dutch masterplanner and architect ‘insisted that should be retained, even though some of the residents living very close to it, wanted it removed. I am glad that there are some historian points that have been kept’ (Interviewee. Resident, guide and blogger).

At the same time, the flexibility of local planning has had an impact on the possibility to alter initial ideas or design proposals and the design manual was part of such an open-minded urban planning approach.

The local plan at that time, it was quite simple. Here you must build in this height, this building percentage is ... and so on. Then we introduced the design guide but it wasn’t a part of the local plan. So, if we, together with architects from the municipality, decided to change something, because we got a new idea, we could do it without asking the politicians. (Interviewee. Former developer)

In all this phase, the process was far from smooth and required an extensive number of workshops and meetings – more than twenty – as mentioned in the interviews. In 2001 still, there was internal resistance within the municipality, because ‘they didn’t like it at the technical department. They tried to sabotage, many times. (...) There were a lot of sessions, where we discussed the plan’ (Interviewee. Planning Department, Copenhagen municipality). In general media and the Danish architecture community, the project was most welcomed. Some even saw it as the necessity to engage Dutch architects because of their experience working with water (Dirckinck-Holmfeld 2000; Villadsen 2006). The engagement of foreign architects was new at the time, but experienced a sharp rise in the following years (Villadsen 2006). However, there was also some critique to the plan, for example, related to bad sunlight conditions due to the density, the lack of traditional Danish elements as semi-public spaces or the lack of a deeper understanding of the context and connections to the surroundings (Lund 2003).

6.6. Phase 6: from 2004 – construction of Sluseholmen and Teghlolmen

This phase starts with the construction of Sluseholmen. The main actors/mobilizers (see Table 6, including those and other actors of phase 6) involved in the Sluseholmen development were the municipality, the aforementioned developers and a Swedish building contractor who implemented an egalitarian system of construction based on the repetition of the same construction units and residents moving into the area.

A joint company for the site development was created, Sluseholmen A/S. It was terminated in 2012, soon after all construction finished. Sluseholmen was built with ‘a Swedish construction system; all the apartments in Sluseholmen are placed on the water and (...) are totally equal’. The variation in the facades was then created in spite of such an egalitarian construction system and it was not well accepted by local architects in the beginning. As noted in the interviews, ‘it is a bit fake to

Table 6. Phase 6: Summary of key events, actors/mobilizers, enrolled artefacts and coordination encounters.

Phase	Summary of key events	Actor/Mobilizer	Enrolled artefacts	Coordination encounters
6	Construction in Sluseholmen gets going.	Developers, Swedish building contractor, Dutch Architects, Danish Architects	Construction materials and equipment Buildings	Construction work
	The economic crisis slows down the process, delaying bridge construction.	Banks, Architects, Masterplanners	Absence of funds	Information of global and local media
	The first residents move shortly after construction resumes.	Residents	Buildings	Specific meetings e.g. signing of contracts

create the differences on the facades. But we did that. And that was a task, from my point of view, as an architect' (Interviewee. Architect n.2, Copenhagen municipality).

According to the interviewees, the economic crisis of 2007–2008 clearly affected the development of Sluseholmen and Teglholmen. In Sluseholmen 'the last contractor was commissioned 2005 (...) and then the finance crisis started 2007/2008 (...) when we were in the early beginning of Teglholmen' (Interviewee. Architect, private Danish firm). This caused an interruption in the development of Teglholmen between 2007 and 2012. In 2009 the municipality won the Danish Town Planning award ('Byplansprisen') for Sluseholmen although the expectancy for a mixed-use, compact and accessible area was in part unattended. A mutation of the initial urban compaction concept emerged when the first residents moved in and the mixed-use and compact city idea was missing, since 'there were much less people, obviously. Nothing on this street. No shops' (Interviewee. Resident and consultant in Danish architectural firm).

Moreover, transport and accessibility were particularly problematic as

in the beginning, it was much more comfortable to get here in a car, because you had to go all the way around. And it was muddy and dark. The bus connections were very bad. There was no harbour bus and no cycling. (Interviewee. Resident and consultant in Danish architectural firm)

All this was detrimental to compact city principles implementation. In terms of accessibility, a key year was 2009, when public transport by bus started to function. The construction of Sluseholmen was finished in 2010, however, the bridge that connects Sluseholmen and Teglholmen was only constructed in 2011 because it was co-financed by the city and the developers and 'the city did not want to build it before they had all the money' (Interviewee. Resident and consultant in Danish architectural firm). A connection to the metro system is planned for 2024.

Another significant aspect within this gap between theory and implementation in terms of compact city principle is related to public spaces, which emerge in the interviews as lacking and working well exclusively in certain seasons, e.g. summer or for certain age categories, e.g. smaller children playing in the yards. The role of local residents in Sluseholmen emerges in the interviews in relation to self-management and selforganization of local initiatives, as for example, 'Miljøkajakken', where residents collect plastic and rubbish in the harbour. More formally, 'each island has its own kind of committee that takes care of (...) practical issues, investments, developments of the buildings, things like that' (Interviewee. Resident, guide and blogger). Notwithstanding, the interviewees also highlighted that social media have become the reference for residents to discuss local issues, more than formal institutions.

Besides Sluseholmen, Teglholmen is probably the place where the most significant mutation from the original Dutch travelling ideas and their resulting Danish reinterpretation took place. This area is still under construction. Particularly, in Teglholmen and the rest of the Southern Harbour, the initial coherence of the original Sydhavn's masterplan is lost. According to the interviews, developers and local authorities 'neglected the total plan completely (...). They just look at time and money and they have not clue for quality. So if you see the difference of the first phase and what they did after, it's shocking' (Interviewee. Architect and masterplanner). Therefore Teglholmen 'was messy and it felt like a lack of intimacy. 'Where is the public space'. It felt like a no place. It was like the buildings had been dumped there' (AR). The focus has increasingly been towards profit at the expense of architectural quality, as stated in the interviews. After Sluseholmen, and after the financial crisis most of all, 'they just wanted to have 'a quick fix'; a lot of things going on, just for the money' (Interviewee. Architect, municipality of Copenhagen).

As a result, Teglholmen 'hasn't been the very compact and intense process as it has been on Sluseholmen' There, 'projects are seen more as solitary architectural pieces, more than a coherent tight woven together cityscape (...) the municipality had the chance to set the team right' but 'they didn't have the capacity and the time to very tight follow up on the architects so they could change direction to try to make a more coherent, precise architectural expression in the development' (Interviewee. Architect, private Danish firm).

7. Sluseholmen as a model? From idealization to mutation

Sluseholmen has become a model for later urban development, as

the project became an eye-opener for how to build along the long Danish waterfront. It became a simple plan with small but articulated variations together with a relatively high floor-area ratio for a pure residential area which clearly takes distance from functionalist planning doctrines. (Lund 2016, 153, own translation)

According to one of the interviewees, ‘if you look at Danish planning afterwards, they all have been inspired by Sluseholmen. Every little provincial city has been there, to see what they can learn from it’ (Interviewee. Planning Department, Copenhagen municipality). The project also received the aforementioned Danish Town planning price in 2009 and integrated into study tours on New Urbanism of the Danish Town Planning Lab (Dansk Byplanlaboratorium 2011).

To back up this idea of Sluseholmen as a model for future projects, several exemplary outcomes of the Southern Harbour development have been underlined in the interviews, including compact city qualities such as its bike-friendly environment, the presence of social housing and the role of the Tegholmen’s school as a social catalyst. Particularly, the yards within the blocks have played an important role in sustaining social interactions, depicted in the interviews as a semi-public space where people meet each other.

The translation and contextual mutation of New Compactism in Sluseholmen also led to controversial outcomes. Several critical aspects have been raised by the interviewees undermining the successful application of compact or neotraditional city principles in the final outcome of the Sluseholmen project. Such factors might hinder the idea of replicability and idealization of Sluseholmen as a model of New Compactism. For instance, the interviewees agree that there is some degree of mixed-use on Sluseholmen and Tegholmen, although the residential character is still predominant.

I think it is about 80/20. (...) On Tegholmen, we have TV2 news, we have the university, there is a Hugo Boss down the road. So, there is an emphasis on commercial uses on this side. However, on Sluseholmen North, there is also commercial and small business like this. [*the café they are sitting in*] There should be more but it takes time. (Interviewee. Resident, guide and blogger)

One specific element pinpointed in the interviews as a failure in terms of defining Sluseholmen as mixed-use compact development is related to the use of ground floors for retail.

But of course, one thing is saying: ‘we want to have shops at the ground floor.’ You can say whatever you want but if the market does not ... (...) I think we probably have to be a bit more innovative on how we should use the ground floors. (Interviewee. Former politician)

Most of the ground floors are used for residential purposes today. The plans required higher ground floors so that a later transformation to commercial use is possible. However, several interviewees are sceptical that small shops any time near will be able to compete with current rent levels. In a wider perspective though, Garcia Ferrari and Fraser (2012, 186) emphasized understanding Sluseholmen in the context of the proposed mixed-use character by the master-plan for the wider Sydhavn area.

Another problematic aspect which was mentioned in the historical narrative of Sydhavn was the deficiency in the phasing of public transport, which was improved gradually and will be enhanced with the future implementation of a new metro line. The connection with the old part of Sydhavn is still problematic and the outflow of inhabitants from Sluseholmen towards the old Sydhavn, for example for cultural events, is not compensated by an inflow arrival of people from there.

The main thing is connecting the new part of Sydhavn to the old part (...). I think, more people living here will probably go into the old part, because there are some great places to visit but it is difficult to get the people from the other side to visit here. (Interviewee. Resident, guide and blogger)

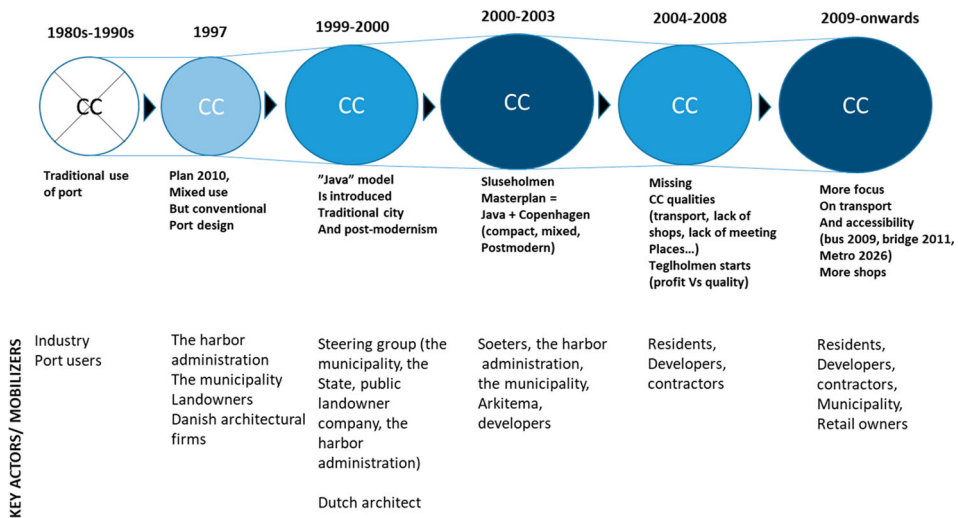


Figure 7. Translating the compact city (CC) through different mutations, including the introduction of a post-modernist design approach at the end of 1990s.

As 'spatial concepts are not stable over time' (Hajer and Zonneveld 2000, 341), from research findings, a compact city appears in the Sydhavnen/Sluseholmen redevelopment as a fluctuating concept with variable ontology (Figure 7). That is, the concept of the Compact City was forged in relational patterns of the association through time, 'reinvigorated' through its 'reinterpretations' (Vicenzotti and Qviström 2018, 120) and intersected with the New Urbanist urban design from the end of 1990s. These ideals were enacted into being and combined in situated practices as shown in our findings. Both concepts, the Compact City and the New Urbanism, moved along three inter-linked vectors of translation: (1) *form*, from abstract to concrete when implemented in urban planning, urban design and building/space construction; (2) *time*, as shown in the historical narrative; and (3) *space*, from one context to another through policy mobilizers, artefacts and coordination encounters. Within the group of policy mobilizers, a specific role is embodied by the local community of practice which locally translates the New Urbanism and Compact City concepts circulating globally in the 'wider constellations of practice' (Faulconbridge 2010, 2855). The latter is travelling by means of 'incoming policy consultants', as part of the 'global policy consultocracy' (McCann 2011, 114), such as the Dutch architects.

Through the action of a local community of practice within the local context, this research has overcome the idea that urban development should be based on leading paradigms and the international transfer of allegedly replicable best practices. Here, the compact city and New Urbanism are re-interpreted locally as the local community of practice is inspired by global constellations of practice but, at the same time, is giving something back to the global constellation of practice, for example, Dutch architects influenced by Copenhagen's tradition of urbanism. Our research also calls into question common understandings of the global/local duality in planning discourse. 'Global' ideas or best practices do not stand on some metaphysical realm 'beyond' the local. Rather, the adjective 'global' attaches itself to things that have been 'globalized' (Czarniawska and Joerges 1996), that is, things that are enlisted to form an extended network of interconnected localities. As our findings demonstrate, ideas and policies that make up these extended networks are redefined and transformed as they connect and expand in new contexts (e.g. New Compactism), which challenges unilinear, top-down notions of policy implementation. In this sense, we contribute to a more nuanced understanding of mobility that falls under 'the local globalness' approach to policy transfer (McCann 2011). Further, our empirical insights contribute to calls to take seriously the role of

apparently mundane practices in shaping and facilitating the travels of policy (McCann 2011). Our case lends itself to these efforts by providing an empirical account of the genesis and development of the Sluseholmen project.

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