



Communicative Planning Potentials of Housing Estate Development Process in England: A Case Study from Dickens Heath New Settlement

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Abstract

In the 21st century, societies are increasingly multi-sided with secular interests, making urban issues complex, dynamic and unable to be solved by a single institution. In this context, communicative planning propagates that the pathway to finding sustainable solutions for complex social problems would come from stakeholder participation and the identification of shared interests among such secular interests (consensus building). Rooted to Habermasian communicative rationality, communicative planning argues, stakeholder participation can ponder not only the scientific knowledge but also emotive and moral knowledge of lay actors such as local communities to inform planning better. In this respect, the paper explores the extent to which communicative planning works for the housing estate delivery process in England. With key pieces of planning legislation, mandating community engagement in all forms of physical development, England is considered one of the highest forms of legal backing for communicative planning. Meanwhile, housing provision is one of the complex and critical planning concerns of all cities. Dickens Heath New Settlement (DHNS) - a large scale housing estate development in the West Midlands of England, has been selected as the case study here to investigate this communicative planning potential in the context of housing estate development. Following qualitative methods, data were collected through sixty in-depth interviews with DHNS residents, community groups, master planners and local authority planners, and documentary evidence such as the DHNS master plan and local planning documents. The findings highlighted that communicative planning had a negligible effect at the conceptual planning stage of DHNS, but accrued relatively positive outcomes at the mature design, development and management phases of the estate development. These are valuable insights for housing development practice, communicative planning theory and practice, and reflect on Sustainable Development Goal (SDG) 11 - sustainable cities and communities in the context of England.

Keywords: Communicative planning, Emotive knowledge, Power, Consensus-building, housing, England, SDG-11

1. Introduction

Rapid urbanisation is a characteristic of the 21st century (World Bank, 2020), while societies live as multi-sided and secular interest groups (Healey, 2015). Economic, environmental, and social problems are complex where a single institution seems incapable of correctly identifying them, let alone addressing

them (Verster, 2020; Klasic & Lubell, 2020). Change in every spectrum challenges the sustainability of the systems on which we depend. Consequently, delivering planned outcomes for sustainable urban living has become a daunting task of planning (Zaidan & Abulibdeh, 2020; Rydin et al., 2012). Communicative planning argues that sustainable solutions to

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planning problems under such context can pragmatically be brought by stakeholder engagement and building shared understanding among them (see, for example, Perera & Mensah, 2019, Vos, 2007). Underpinned by the seminal work of Jürgen Habermas communicative rationality (Habermas, 1984, 1981, 1979), the philosophy of communicative planning calls all forms of knowledge provisional. Thus, not only scientific knowledge of experts but also emotive and moral knowledge (*values or interests*; Healey, 2006) of laymen should be empowered to govern the plan decision making into building shared understanding among all stakeholders.

Therefore, this article aims to investigate communicative planning potential (in terms of both process and outcome) in the context of housing estate development in England. In other words, it analyses the extent to which residents' voices can be brought in to plan decision making in order to generate 'meaningful' or 'sustainable' outcomes of housing estates. The housing estate development process referred to in the study include all its' stages covering preliminary planning approval, master planning (detail design), development and neighbourhood management stages (Ratcliffe et al., 2009).

England's planning legislation¹ provides more significant emphasis on community engagement. Nevertheless, the housing estate development process in England is often challenged by the nexus of planning matters such as further releasing greenbelt land for new housing, new developments piggybacking on existing infrastructure, quality innovation, housing mix, mixed communities, housing affordability and the like (see,

for example, Leishman et al., 2020; Preece, et al, 2020; Williams et al, 2019; Barker, 2006). Therefore, if communicative planning demonstrates a potential to build shared understanding, it can be mobilised effectively to deliver sustainable urban living experiences within housing estates in England.

A plethora of literature is available on communicative planning in the field of urban planning, sustainability, housing, transport, health and the like. Yet studies that comprehensively look into its practice cover all its theoretical perspectives (i.e. holistic communicative planning process covering knowledge, power relations, governance for consensus-building), and the housing estate context covers all the development stages that enable capturing communicative planning effects over time are limited.

Dickens Heath New Settlement (DHNS) in West Midlands of England is a large-scale housing estate development verbalised as a 'Sustainable Best Practice', and the community were primarily involved in the planning process. Planned in 1991, DHNS holds enough maturity as a case study for the researcher to observe the effects of communicative planning on the housing delivery process. As an explanatory case study (*how and why some conditions came to be*; Yin, 2014: 238), the paper investigates how DHNS residents manage their power relations during communicative planning exercises (*power aspect in communicative planning*), to what extent (under such power relations) the process has been capable of generating relevant lay knowledge (*knowledge aspect in communicative planning*) and how such knowledge was governed within planning decision making process to generate 'meaningful' or

‘sustainable’ housing estate outcomes (*consensus-building aspect in communicative planning*).

Following qualitative methods, data were collected through in-depth interviews and relevant documents and the analysis was done based on the themes of the theoretical aspects discussed under communicative planning, i.e., power, knowledge, and consensus-building. This work will advance the literature on both communicative planning and housing, highlighting the effective and ineffective aspects of the communicative planning framework in England and thus informing the relevant planning policy areas to improve. Overall, it reflects the practice and possibilities of Sustainable Development Goal (SDG) 11- Sustainable Cities and Communities in the context of New Settlements in England.

2. Theory of communicative planning – the status quo

Communicative *planning* (Brownill, 2009), otherwise known as *collaborative governance* (Florini, 2019; Healey, 2006) *deliberative planning*, (Forester, 1999), or *inclusionary discourse* (Healey, 2006) advocates societies to govern themselves and for the world as a whole to cope with transnational challenges through cross-sector collaborations across governments, businesses, civil society groups and local communities (Florini, 2019, p. 34).

Communicative planning is in line with the argument adapted from the critical theory of communicative rationality presented by Jürgen Habermas from the 1980s (Habermas, 1984, 1981, 1979) and John Forester from the early 1990s (Forester, 1999, 1989). The overarching rationale here is that moral and emotive

(lay) knowledge of local communities should be given the same privilege during planning decision making with that of scientific knowledge brought in by other stakeholders. Knowledge is constructed through social processes, where scientific knowledge provides only a part of the basis for good judgement and sound decision-making (Khakee et al., 2000; Habermas, 1984). This argument implies that there is no universal truth about space, only a series of occurrences where space and society mutually construct each other (Natarajan, 2017, p. 1).

As the present-day economic, environmental and social problems are complex, dynamic in a way, a single institution is unable to handle, the present literature on planning, development, energy and housing tends to see the relevance of the communicative planning argument in searching for a new social order with different capacity (Natarajan, 2017, Innes & Booher, 2004), sustainability (Perera & Mensah, 2019, Vos, 2007) or positive change (Rydin, 2007; Healey, 2006).

2.1 Power in communicative planning

Power generally implies the bias or asymmetric (Lukes, 1986) between actors’ relationships consequent to (*power to*) authority, resources (allocative) and discursive legitimacy, as some actors possess *power over* other actors (Purdy, 2012; Hardy & Phillips, 1998). Habermas’ stance on power claims it to be a distortive factor for communicative actions and urges communicative planning to be undertaken in a power-neutral setting to achieve its anticipation. The critical work on communicative planning used Habermas’ claim to contest the practicality of communicative planning; communicative planning

requiring power neutralisation can be a lofty ideal amidst market forces having the ability to exert their agency and could suppress the voices of the public (Gunder, 2010; Purcell, 2009, Cooke & Kothari, 2001).

Following the Foucauldian view (1984, 1991) – power is unavoidable and not always evil – the contemporary communicative planning theory attempts to explore ways to deal with it and mobilise it as a modality of change (See, for example, Wolff, 2020; Brownill & Carpenter, 2007; Albrechts, 2003). Among these, Albrechts (2003, p. 916) strategic framework, which recognises different rationalities that actors use to exercise power in the planning process (Table 1), is particularly used to analyse the systems of power which exist within England's housing delivery process. Within a communicative planning process, power exists at the availability of communicative planning platform, and actors are recognised for such participation (commutative rationality); actors possessing collective interests (value rationality), within the design of the communicative planning platform (instrumental rationality) and the actors forming alliances to exercise power over other actors (strategic rationality). Identifying these power rationalities would highlight power's tensions for communicative actions (Brownill & Carpenter, 2007).

2.2 Emotive knowledge in communicative planning

Emotive knowledge holds distinctive attributes of being dramaturgical – expressive, self-representation, and oriented to understand the subjective world – and thus less manipulative and closer to the truthfulness of self-interests or subjective meanings (Habermas, 1984). Such knowledge is produced tacitly by laymen to the

subject through their experience. Small wins, trust-building among stakeholders and communicative planning facilitators, leadership, and place-related attachments of communities are essential motives for the public to participate in communicative actions (Ansell & Gash, 2008; Booher & Innes, 2002) and convey their true interests. Recasting Habermasian theory, the contemporary communicative planning theory attempts to specify more; whether all speech acts of laymen counts as emotive knowledge and how such different emotive knowledge is relevant to various decision making (consensus building). Natarajan (2017); Alexander (2008); Rydin (2007); Friedmann's (1987) work are of particular interest concerning this. The conclusions arrived that lay knowledge could be in different typologies and planners need to know when and where to apply them for planning decision-making (Alexander, 2008, Rydin, 2007; Khakee et al., 2000). Table 2 shows how each emotive knowledge typology is relevant to a different state of planning of local environments. For example, one's current experience in the local environment would be pertinent to understand its present socio-economic and environmental context or outcome of a previously planned action.

2.3 Consensus building in communicative planning

Consensus building refers to the decision-making aspect of the communicative planning process. This stage discusses and validates emotive knowledge, power-sharing, negotiating, and confronting experts with lay participants, assessing findings, creating new ideas and implications of each frame of reference (Innes & Booher, 1999).

Table 1: Forms of Power in a communicative planning process

Power forms in communicative planning	Description
Commutative rationality	Recognises and accepts platform for actors to discuss shared problems and to reflect on ways out of these problems
Value rationality	Actor's design shared futures; to develop and promote common assets
Instrumental rationality	The best way to solve problems to achieve the desired future; including all stakeholders, including troublesome ones, encouraging formal and informal interaction, accepting negotiation as a time-consuming process, two-way communication between planners and all other stakeholders, accountability and transparency of the process, leadership, and stakeholder involvement in designing the communicative planning process.
Strategic rationality	Actors construct certain initial alliances to arm themselves against the prevailing power structure.

Source: Adapted from Albrechts (2003)

Table 2: Types of lay knowledge and relevance to the plan decision making

Typology of lay knowledge	Relevance to the plan decision making (consensus building)
Experiential /empirical	To understand empirical account of socio-economic and environmental situations or outcomes as a result of planning
Predictive	To understand the prediction of a future scenario under trend conditions
Process	To understand social, economic, environmental processes and planning processes affecting society
Normative	To understand desired goals for planning by the society

Source: Adapted from Rydin (2007)

The aim of meaningful consensus should be to build shared understanding and not one or few participants (Habermas, 1984). Often the primary critique put forward by the critical work on communicative planning is also about the patronage type relationships that actors exercise at the consensus-building - those manipulate 'emotive' knowledge to be compatible with bureaucratic planning (See, for example, Cooke & Kothari, 2001).

Among limited research available to answer how emotive knowledge should be governed in communicative planning amidst power relations of actors to attain meaningful (sustainable) solutions, works by Healey (2006) and Newman (2001) are of particular importance. For "meaningful" consensus building, planned decision making should be governed in the style of *Inclusionary argumentation* which

considers the emotive knowledge of all actors.

Consensus building in the mode of *Inclusionary argumentation* has the traits such as horizontal network building, new ideas, considering ideas generated through all community members, rights, and opportunities to challenge policies as they are developed - *making sense together but living*

differently (Healey, 1999). Healey also claims *entrepreneurial consensus* as a mode of governance favouring communicative planning but recognises *representative democracy, pluralist democracy, corporatism, clientelism, criteria-driven approach* as hierarchical decision-making modes that rely on knowledge of limited actors (Table 3).

Table 3: Governance type in plan decision-making

Governance type	Rationale	
Representative democracy	Governments are created on behalf of the people, and they are elected representatives of the public.	Top-down hierarchical decision-making
Pluralist democracy	A society is composed of many different interest groups; all competing to define the agenda for government actions.	
Corporatism	A good decision is the one that best achieves the public interest as defined by the corporate alliances.	
Clientelism	Politicians and government officials are involved in an interactive relationship through social networks. This mode of governance substitutes the social network of family, friendship, fiefdom and business to allocate and distribute resources.	
Criteria-driven approach	A good decision achieves agreed government objectives, regulatory criteria and performance targets as efficiently and as accountable as possible.	
Entrepreneurial consensus	Local alliances (partnership building activities) with development agendas can be considered a form of local corporatism. These tend to draw upon the knowledge of local business and political elites. The informal nature of such alliances contributes new ideas to the local arenas.	Consensus building close to the traits of communicative planning
Inclusionary argumentation	A good decision is taken in cognisance of the concerns of all members of a political community and that these members have the opportunity to express their views and challenge the decisions made on their behalf through rights and opportunities to challenge policies.	

Source: adapted from Healey (2006)

Besides, any consensus will be under pressure when circumstances change, new stakeholders appear, and new fractures occur. Thus it is an evolving process that could have second and third-order effects, producing new relationships, new practices, and new ideas better than the current agreement (Klasic & Lubell, 2020; Innes & Booher, 1999).

2.4 Research gaps, study proponents and conceptual framework

The plethora of empirical studies inquiring the potential of communicative planning in development have seemingly polarised on aspects of power; extent to which the ‘voice’ of communities is recognised and heard within the planning process (Villanueva. et.al, 2017; Inch, 2015; Albrechts, 2003), and whether power and different rationalities form tensions on public participation (Brownill & Carpenter, 2007). The implied presumption is that handling power and enabling communities to participate would per se allow the shared view of the world. As understood by the review of communicative planning literature, achieving shared understanding also requires the process to generate ‘relevant’ emotive knowledge as well as govern them for ‘meaningful’ consensus. Moreover, the empirical grounding of most research on communicative planning is more short-term focused, testing community engagement as a one-time event only. Consequently, the fact that both communicative planning and its outcomes are considered an evolving process (Innes & Booher, 1999) is largely ignored.

This study, framing the examination around the contemporary status quo of communicative planning theory, investigates the communicative planning potentials for housing delivery by consolidating all relevant aspects; power, knowledge, and consensus-building. Following the proposition that power is unavoidable (Foucault, 1980, 1983), firstly, Albrechts’ (2003) framework was used to understand different power

rationalities that the communities have been acquiring to empower their voices about the DHNS housing development. Secondly, Rydin’s (2007) knowledge typology framework was employed to test public participation in DHNS, in the light of those being relevant emotive knowledge to make the housing estate ‘liveable’ for residents. Finally, based on Healey’s (2006) framework for governance modes in decision making and supposedly *inclusionary argumentation* that complies largely with communicative planning aims, the study looked at the extent to which housing delivery decisions have been governed through communicative planning.

3. Methods and Materials

Investigating communicative planning potential in housing estate development requires an in-depth analysis of the resident’s overtime engagement with planning. In order to illuminate these conditions in real life, the study adopted a single and explanatory case study approach with a qualitative strategy (Yin, 2014; Løkke, & Sørensen, 2014, Ragin, 2004). One of England’s large-scale housing development projects – DHNS was selected as the case study. DHNS provides a coherent scenario suitable to understand a complex phenomenon (Johansson, 2007; Flyvbjerg, 2006) that align with the study's requirements. England has policy support for communicative planning as the key pieces of the country’s planning legislation¹ on local development, providing mandatory platforms for local communities, lobby groups, businesses and the like, to engage in plan decision-making, including housing development. DHNS is considered one of the best practices of housing delivery with a significant community engagement (Rudlin & Falk, 2009; TCPA, 2007). Bounded by woodlands and rail lines, DHNS, as a case, has an identifiable geographical boundary. Having commenced in 1991, it holds sufficient maturity to investigate the timely effects of

communicative planning deal with housing estate development.

Primary data of the case study were collected from sixty in-depth interviews with residents and community groups, local council planners and officials, master planners and market actors (landowners, strategic promoters, developers) who had been engaged with the DHNS development. The interviews were held over 18 months between 2018 and 2019. They were asked how communicative planning actions produced different emotive knowledge, how power existed, built, and dealt with communicative actions, and how the emotive knowledge produced by residents was governed in the plan decision-making process. The case study also drew data from relevant documents from the local council – master plan details and public comments received for planning applications.

In order to enable the inquiry of over time effects of communicative planning on housing delivery, communicative actions of residents and the consensus-building in housing delivery is looked at all stages of the DHNS development from 1991-2019; preliminary planning approval stage (land and housing number allocation stage), detailed design and development stage (master planning and construction) and neighbourhood management stage (post-development stage). Consequently, a methodical challenge arose having to recall respondents' memories associated with different stages of DHNS development. Validating interview data with validation questions (Locander et al., 1976), triangulating data with documentary evidence (Yin, 2014), selecting interviewees who had been closely associated with DHNS development (e.g. pioneer residents, planners who conceptualise the project since inception likewise) were employed to manage such challenge. Data analysis of the study followed thematic analysis (Bryman, 2016). For this purpose, data coding was guided by the theoretical propositions of communicative planning (Mihas, 2019,

Bryman, 2016); power, knowledge and consensus-building.

4. Context of the Study

4.1 Dickens Heath New Settlement

DHNS, which started in 1991, is located within 57 acres in Solihull Metropolitan Borough Council (SMBC), West Midlands. This has been a settlement that has aimed to provide sustainable and affordable housing for then-emerging middle-class, service sector households that had emerged following the region's economic restructuring during the 1970s-80s. Yet DHNS experienced many outside processes challenging these initial aims. Initially, the estate was planned for 850 houses for a population of 4000. From 2019 onwards, market forces continued growing DHNS up to 2000 houses approving several other planning applications since 1991, which released land for further growth from the year 2000 onwards. Detailed designing with master planning for DHNS took place from 1991-1994 for outer areas and the central parts of the estate in 2003 (Figure 1). Dickens Heath Management Company - the developer's management arm was responsible for providing common area infrastructure and maintenance. Typically, the rest of the neighbourhood was managed by the council (SMBC).

Sustainable Urban Living Pressures The estate was designed and developed with 'sustainable' housing credentials. DHNS was awarded the Best Mixed-Use Development by the UK property awards in 2009 (See, for example, Rudlin and Falk, 2009; TCPA, 2007). Nevertheless, the settlement continued to encounter complex and dynamic tensions characteristic of the 21st-century on housing delivery. Different externalities and processes came from regional differences in housing and labour markets, financialisation of housing and capital liquidity, and changes to the national planning policies from time to time (i.e. Planning Policy Guidance 3, 2000; National Planning Policy Framework,

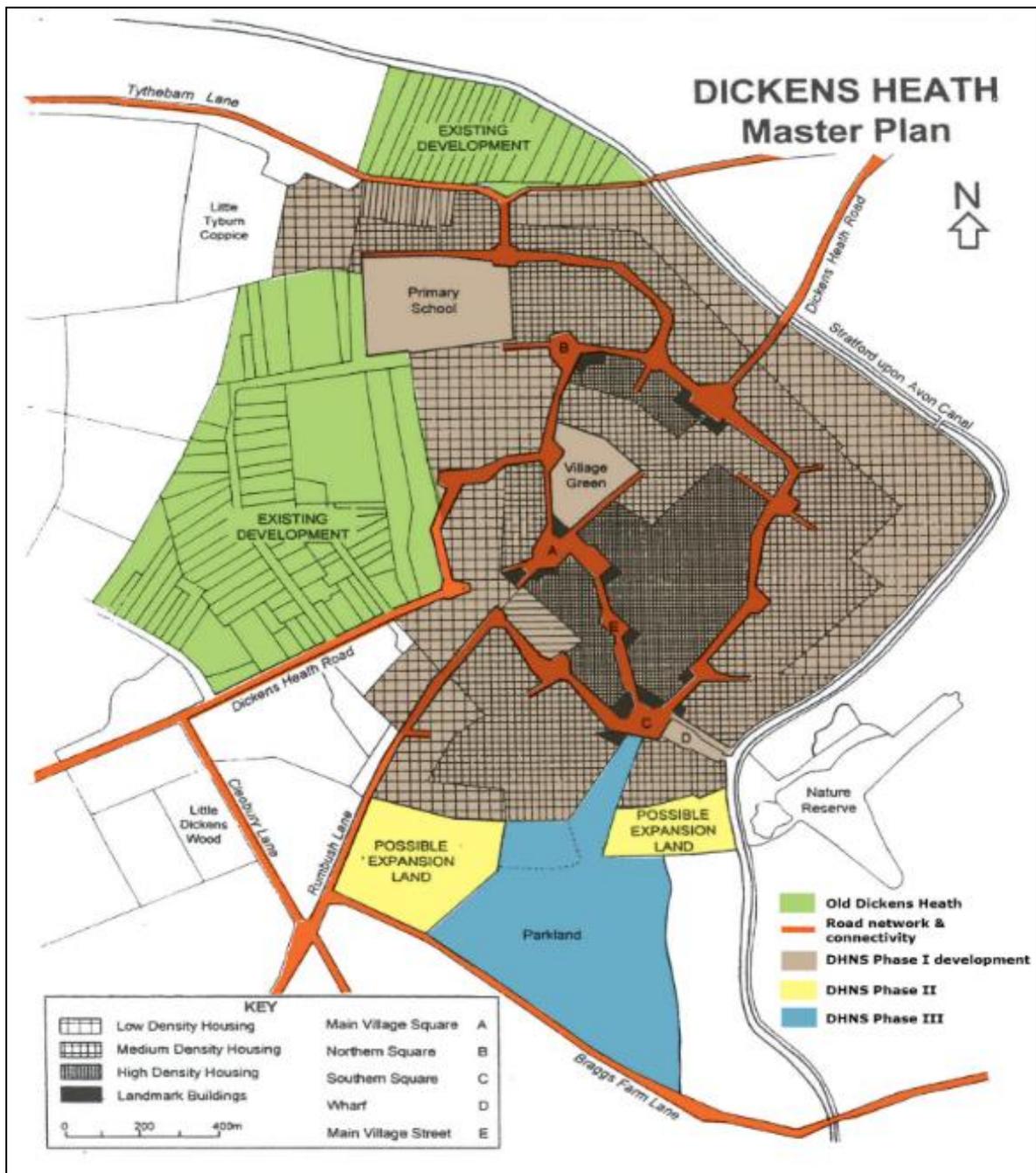


Figure 1: Dickens Heath New Settlement Master Plan
Source: SMBC (undated)

2012, 2019). Those made an impact on the DHNS communities in terms of development pressure to increase the number of houses continuously, arms-length global investments increasing the housing prices, infrastructure and service pressure, high traffic and flooding threats, development-held up construction sites during the great recession in 2008-2010, change in the scale and class to whom the housing in DHNS could afford to and the like.

It is mainly against these pressures that the residents in DHNS have been actively engaged with the developers' consortiumⁱⁱ and the council concerning DHNS housing delivery. The community, engaged with planning in DHNS represents a 'strong' community; 80% of DHNS population were White British engaged in professional, managerial or administrative occupations and 49.5% of them possessed

a degree or professional educational background (ONS, 2019).

5. Results and findings

5.1 Residents' rationalities for Power

From the start of the DHNS development, different intermingled power rationalities (Albrechts, 2003) evolved, empowering the DHNS community in participating in the planning process.

Communicative and instrumental rationality; the statutory communicative planning platforms provided through planning legislation and SMBC development planning policies enabled DHNS residents to make their voices on the time-to-time development of DHNS heard. Depending on the scale (number of housing units) of the planning application that came forward, these platforms varied from public exhibitions, public comment forms - manual or online, planning inquiries, public examinations, the like.

Since the 2007 aftermath of development, the SMBC appointed a neighbourhood coordinator (for the Blyth Ward in which DHNS is situated) *as the first call for communities to liaise with them regarding neighbourhood concerns – infrastructure interruptions, highway issues, village management issues, traffic problems, community development etc.* [SMBC Council Officer]. This enabled both formal and informal interactions to convey people's interest even when meeting on the road. It was a two-way communication (Albrechts, 2003), having the neighbourhood coordinator communicate to residents about the council's response to their problems [Blyth ward Neighbourhood Coordinator].

Besides, the residents also had the opportunity to contribute to conventional representative democracy; communicating their 'interests' via the elected council member to the Blyth ward of SMBC [SMBC Councillor]. Together, these gave the DHNS residents typical *power to authority* (Purdy, 2012; Hardy & Phillips,

1998) in conveying their 'problems and interests' on housing estate development and management to the plan decision making.

Building power with strategic rationality; the residents' reflexively monitored the 'effectiveness' of these given statutory platforms. When they felt that those were not sufficient to have *power over* (Purdy, 2012; Hardy & Phillips, 1998) developers and local councils *to shape the DHNS development as per the desires of residents*, [DHNS Resident group actionist. Female.45-59] opportunities for communication was progressively built up by establishing statutory and non-statutory resident institutions. Those were the Dickens Heath Working party under the existing Hockley Heath parish councilⁱⁱⁱ in 1995, upgrading that to a separate Dickens Heath parish council (DHPC) in the year 2000 and Forming Dickens Heath Residents' Action Group (DHRAG) in 2015.

[We wanted some local ... civic identity seen in our engagement with Dickens Heath Development....I don't think that was available with public consultations we had [organised by the local council during 1991-1997 or so] ...they seemed to rely on people (DHNS residents) just being around rubbing emails and occasionally going to exhibitions and meeting at Solihull...very pleased we [him and another resident] set up a Parish Council for Dickens Heath...- good engagement to start with [Pioneer DHNS Resident.Male.45-59]

These resident establishments strategically organised the voices of communities. For instance, DHPC monthly meetings enabled willing residents to meet, discuss and validate local housing issues – infrastructure development issues in the central area, community problems, bus service issues, flooding issues, impacts from new housing developments etc. DHRAG was formed to complement these communicative actions giving more flexibility for residents to communicate. *We want to do what DHPC really cannot do* [DHNS Resident group actionist Female. Over 60]. With much flexibility,

DHRAG could reach residents “*at their doorsteps*”, speedily *advise the residents on issues without waiting for DHPC monthly agenda item* [DHNS Resident group actionist. Female.30-44] and engage the left out residents who would otherwise be silent and non-organised. Pioneering DHNS residents often became leaders of these institutions and received *power to discursive legitimacy* (Purdy, 2012; Hardy & Phillips, 1998) – the voice of the resident institution represented the shared interest of the DHNS community. This discursive legitimacy per se empowered the resident agency more, compared to them communicating in individual capacities.

These establishments were also strategic in terms of residents accessing *power to* (financial, human capabilities and skills) resources and (social and professional) networks, further empowering their position at communicative actions. For instance, DHPC was entitled to collect tax precepts from its (resident) members; £70 per household/year and receive funds allocated from SMBC. DHRAG could collect membership fees and donations from the residents and ward council members etc. Resident members’ professional knowledge and skills (in law, planning, finance, housing etc.) were recognised and mobilised to enhance their *success* at communicative planning. For instance, Chairmen of DHPC over the past had been lawyers, former board members and chair for Solihull Community Housing, SMBC etc. Their professional knowledge was used respectively to understand the technical aspects when dealing with the planning, set forward appropriate arguments strategically in favour of residents, and increase the competency of the meetings and events organised by DHPC or DHRAG. These residents were transforming their social and professional networks with SMBC, charitable trusts and other state institutions for the benefit of DHNS community interest. Furthermore, the discursive legitimacy that DHPC and DHRAG had enabled, provided them with the *power to* network with other complementary civic

local institutions; Solihull ratepayers, local councillors, Campaign to Protect Rural England (Warwickshire), to form alliances at the space of common interest.

Power rationality tension on communication: There was no evidence of these strategic rationalities putting aside any resident taking part in the engagement process. It rather encouraged not-so-enthusiastic or non-participant’s interests to be taken forward. Nevertheless, instances were found where fundamental tensions arose among these strategic, communicative, and the resident’s value rationalities (Brownill & Carpenter, 2007). The strategic intent of the DHPC and DHRAG is to be “successful” at the planned decision making and their reflexive observation that community interest cannot supersede the interest of national policies; it is the professional resident’s opinion that tends to have predominance. For instance, at the public engagement events for the new housing developments (around 2015-2017), which were proposed to develop adjoining greenbelt lands, DHPC and DHARG chose to communicate the technocratic points of professional residents’ such as *council’s errors found in the public consultation processes* [DHNS Parish Council, Female. Over 60]. The resident’s true subjective interests, such as their *fear for the loss of greenery, infrastructure pressure, neighbourhood disturbances* etc. was not communicated on the basis that those *values don’t help to compete* [DHNS Parish Council, Male. Over 60] with the interest of market-responsive national planning policies. From the communicative planning point of view, it displaced the ‘truthfulness’ of the resident’s personal interest (*dramaturgical – expressive, self-representative emotive knowledge*) being informed to the planned decision making; the very intended purpose of communicative planning.

5.2 Emotive knowledge produced

As per the SMBC records of public comments for planning applications,

DHNS residents produced different forms of emotive knowledge (Rydin, 2007) amidst varying power rationalities and motives.

Emotive knowledge by Old Dickens communities at preliminary planning stage: At the DHNS conceptual preliminary planning stage (i.e. from 1991–1997), it had been the residents of Old Dickens Heath hamlet (nearly 200 residents -rural and aged community) who were engaged with the SMBC and developer consortium. *They responded with anxiety over possible negative impacts to Old Dickens* [SMBC Councillor]. Accordingly, their participation produced *empirical knowledge* (e.g. their everyday life bonds with Old Dickens Heath and how the proposed developments would distort their rural lifestyles), *predictive knowledge* (e.g. possibilities of DHNS turning into rat-run after its development) and *normative knowledge* (e.g. DHNS Master Plan should design internal roads narrow to preserve the rural atmosphere of the village). Respectively, this knowledge was relevant to inform planning about the contemporary social, spatial context of the proposed DHNS site, future living conditions of DHNS and how they prefer to see DHNS developed.

Emotive knowledge by early settled DHNS residents: The most prominent next stage of community engagement was developing DHNS's central parts with town housing and apartments during 2000-2012. During this time, the newly settled residents at the outer zone of DHNS strongly engaged in public consultation to ensure the council and developers deliver what was promised in the initial master plans. In the light of this, the communities communicated their everyday life experiences in DHNS (often negative or problematic aspects) (e.g. traffic and parking conditions, problems of not having bus service, doctors, shops, library to DHNS etc.), which produced *empirical (experiential) knowledge*. The *outcome state* of initial plans implemented for DHNS was informed to the planning;

the deviations between plan expectations and actual outcomes in a feedback form. Some *empirical (experiential) knowledge* challenged the previously held *normative knowledge* produced by the Old Dickens residents (Klasic & Lubell, 2020; Innes & Booher 1999). Examples include, how new residents' lifestyles and commuting networks were negatively affected by designing internal roads narrowly^{IV} in adherence with the early Old Dickens residents' views.

Similarly, the residents' communication about their experiences (*experiential knowledge*) validated common issues related to the DHNS housing environment and led them to suggest solutions (*normative knowledge*). For instance, residents claimed that DHNS should have a dedicated bus service connecting to Solihull to solve public transport issues partly.

Moreover, the changes to the national planning policy in England around 2000 (i.e. Planning Policy Guidance 3, 2000) promoted densifying of build-up lands; as a result, the planning applications for the DHNS central area almost doubled the housing numbers, compared to what was planned in the DHNS master plan. Regarding the tensions over such policy changes, the residents' communication also produced *predictive* and *process knowledge* concerning planning and societal interactions. For instance, predicting how new densified housing numbers would let the market bring in households with different lifestyles (societies), how the existing residents' lifestyle patterns and housing environment would be affected, the infrastructure impacts to them when housing numbers increased more than planned and so on.

Emotive knowledge since the establishment of resident organisations: 2012 and thereabouts, DHNS reached the stages of further growth. Primarily, owing to the liberated or market-responsive national planning reforms (particularly, NPPF, 2012), DHNS tend to have many planning applications coming forward to

develop its safeguarded sites earlier than it was planned. As highlighted previously, DH residents established resident organisations - DHPC and DHRAG particularly communicating against these market pressures. The residents' sharing living experiences in DHNS during the time; emphasis of their encounters with infrastructure issues, anti-social behaviours by youngsters, newly established rented community in apartment housing and people commute to DHNS from outside areas, increase of crimes, lifestyle issues, continued to produce *empirical (experiential) and social process knowledge* of DHNS relevant to the time. Similarly, their reactions (mainly negatively) to new planning applications also continued to produce *predictive knowledge* regarding the new development impacts on future traffic, highway, flooding, apartment management in DHNS.

The solutions suggested to some of the existing and predicted problems (e.g. new housing should include suitable designs for the growing elderly population in DHNS, a Multi-Unit Game Area should be established for youngsters growing in the settlements) produced *normative knowledge* on housing and neighbourhood service mix for DHNS after 2010. DHPC and DHRAG being established as the resident's first level, but with a wider communication platform among residents, enabled them to validate the shared *housing environmental issues and solutions* [Pioneer DHNS Resident.Male.45-59] to them from residents' perspective. Moreover, the *professional residents commented how planning decisions based on national policy (i.e NPPF, 2012) made an impact on DHNS residents* [Pioneer DHNS Resident.Female.45-59]. These produced *planning process knowledge*. Local council's non-adherence when put policy into practice, the resident's interpretation of NPPF policy criteria; what should be the Objectively Assessed Housing Needs for DHNS and the arguments as to how sustainability should be understood when it

comes to planning applications are some other examples of such knowledge.

5.3 Consensus building for planned decision making

Consensus-building (plan decision making) of varying emotive knowledge types together with knowledge of other actors (primarily of development consortium and the council) found to have been governed in different forms when planning DHNS.

Consensus building at preliminary planning applications: The preliminary planning approval for DHNS [decision on housing location and numbers] happened during 1991; whether the aimed housing numbers to be allocated to new DHNS, or an alternative location such as Cranmore Widney [an already developed settlement 2Km away from DHNS] was governed in the *pluralist democracy* form.

“Having more than three thousand residents and [SMBC] council members opposing for new housing over-development impacts, we couldn't allocate more housing numbers to Cranmore Widney. The councillors and residents said, ‘never again.’ So we had to look for new locations such as DHNS.” [DHNS Planner, SMBC Council].

Residents of Old Dickens Heath also produced similar public comments (emotive knowledge) objecting to new housing development coming near them, but the voice of three thousand residents in Cranmore Widney and the SMBC local councillors held *power over* the smaller resident group at Old Dickens. Consequently, housing was chosen to be developed in greenbelt land adjoining Old Dickens Heath village, instead of an extension to the existing settlement area. Towards the year 2000 and thereabouts, such preliminary planning application decision to further allocate land for housing in DHNS turned out to be governed through a mix of *corporatism and criteria driven forms*.

The land intensification led to national planning policy in 2000 (i.e. PPG 3, 2000), and subsequent market-responsive national planning policy (i.e. NPPF, 2012, 2019) urged local councils to be responsible for meeting housing shortages in the region at affordable levels. These policies thus enabled market actors to exert a greater agency (*power over*) over other actors (Gunder, 2010; Purcell, 2009) at the planning application stages. In that context, despite DHNS residents' *power* to communicate was developed through establishing DHPC, DHRAG, networking with other community organisations, the public comments that conflicted with market actors (i.e. developers) had limited *power to* influence the plan decision (Gunder, 2010; Purcell, 2009).

Consensus building on detailed design and development: The consensus building at this stage was about decisions regarding DHNS master plans, detail planning applications and construction. Unlike the preliminary planning application stage, consensus-building has been governed relatively by the community's shared emotive knowledge (*inclusionary argument* style). Examples include DHNS master plans to retain its rural character^{iv} by designing internal circulation roads narrowly, as proposed by DH working party (around 1994 and thereabouts), DHNS Stage III site (in 2015) accommodating housing layouts and sizes suitable for increasing elderly in DHNS and Multi Area Games Unit (MUGA) to provide recreation for the increasing number of youth as proposed by DHPC. The council's and market actor's desire to win *community support which otherwise would be problematic when constructions begin for DHNS* [DHNS Developer Consortium Member] held power relations among planners, market actors and the community closer to a neutral level (Habermas, 1984).

Besides, instances were also found at this stage where residents reached a consensus to resolve housing environment issues by themselves – *participatory actions*; DHNS

bus service, health and community facilities, landscaping of common areas and commencing neighbourhood plan preparation for DHNS. The voluntary community leadership and continuous communicative actions practised at DHPC and DHRAG made the residents efficient and effective representatives of issues, and enabled them to explore leadership, solutions, and resolve problems by themselves. The local council acted only as facilitators to those participatory solutions providing relevant approvals.

However, detailed design decisions taken in a *clientelism form* of governance were also found at few instances. Sites that developed during 2014 onwards, where *“developers separately negotiated with few adjoining landowners and gave away gas and electrical lines”* [SMBC Planner] were not representative of the shared interests of the DHNS community as a whole, but pleasing residents by patronage who otherwise be objecting the development (Cooke and Kothari, 2001).

Consensus building on neighbourhood management: After development, the SMBC council is bound to be responsible for managing the public realm and public spaces of DHNS, except for the central parts privatised and operated by Dickens Heath Management Company on service fee charges from the respective residents. Having to undertake the neighbourhood management of DHNS through local authority budgets, the communications by DHPC's, DHRAG's or by individual residents' regarding any neighbourhood management matter were entirely governed through the deductive logic of regulatory provisions (*criteria-driven approach*).

An SMBC council's planner, answering the question, *how would SMBC take into account day-to-day management and maintenance issues brought forward by the DHNS residents?* stated; *it is based on evidence to support the view and the requirement... Those would be measured against the policy in the local plan or with*

other policies” [DHNS Planner, SMBC Council]. On this basis, residents’ interests become valid for plan decision making if those complies with the existing policy.

However, instances were found closer to communicative planning (inclusionary argument style) where the residents’ *participatory actions* were mobilised to accomplish their shared visions for DHNS’s neighbourhood management; participatory actions for the maintenance of roads, kerbs, pumps, lifts, security, village green in the central area and beautification of the rest of the DHNS. Those were instances in which the residents had mobilised their own resources; DHPC precepts, service charge fees by central area residents and voluntary labour without relying much on external resources (such as council’s budgetary allocations).

6. Conclusion

As contemporary literature highlights, the ‘ideal’ potential for communicative planning exists when (i) local communities produce expressive, self-representative and subjective emotive knowledge (Habermas, 1984) that has varying relevance (Rydin, 2007), (ii) different rationalities for power in the communicative process are recognised and mobilised (Brownill & Carpenter, 2007; Albrechts, 2003) and used as a modality of change (Foucault, 1984, 1980) and (iii) plan decision making is governed in the mode of inclusionary argumentation (Healey, 2006). This study aimed to investigate the extent to which this ideal can be reached in practice in the context of housing estate development in England. DHNS as a case study demonstrates that communicative planning has some potential within the housing estate development process in England to form ‘sustainable’ or ‘meaningful’ planned housing outcomes.

In DHNS, such meaningful outcomes were found to be accrued in the areas of incorporating residents’ vision into housing estate design, establishing the

functioning of neighbourhood services (e.g. bus connectivity, doctors, dentist, community centre, library), investment and management of streetscaping, landscaping and other beautification of the locality and establishing residents-led-institutions which could further empower them to communicate their experiences, build civic identities and recognise their shared interests for the neighbourhood.

DHNS residents were representative of a ‘strong’ community, primarily White British, educated and engaged in professional and administrative jobs. The DHNS residents built their power in communication as a modality of change (Wolff, 2020; Brownill & Carpenter, 2007; Albrechts, 2003, Foucault, 1984, 1980) to better order the housing estate development outcomes. The communicative rationalities provided to residents by planning legislation and Solihull Metropolitan Borough Council empowered them to bring synergic effects towards communication; for communities to build their value, instrumental and strategic rationalities in communication. In other words, the residents’ initial communication via given platforms led them to identify and develop reasoning over time for housing estate development issues, recognise pioneering leadership, discover and access possible resources, and recognise strategies and institutions to voice residents’ shared interests.

DHNS residents have been progressively generating emotive knowledge of varying relevance. Those informed planned decision making was about residents’ vision and expected living arrangements at DHNS, predictions and causal relationships between planning and market process and DHNS residents’ experiences. Even though much potential was portrayed for communicative planning regarding residents’ access to power and production of emotive knowledge, not all decisions on the DHNS development process embraced communicative planning approaches.

The inclusionary argument – the mode of governance for consensus-building those attributes well with communicative planning was found to be possible only at the detailed design stages of the DHNS development. At these instances, the power relations of actors were held at a relatively neutral level (Habermas, 1984); market actors and local planning wanting to have community support to take the development forward.

In other instances, the actors having the *power to* resources (i.e. often market actors) showed to exert a greater agency in consensus building (decision making) (Gunder, 2010; Purcell, 2009, Cooke & Kothari, 2001). When land, housing, and neighbourhood development is to be delivered through markets, and national planning policies are market responsive, the interests of the development consortium tend to be in a favourable position at the preliminary planning approval decisions (Gunder, 2010; Purcell, 2009). Instances were also found where the tyranny of participation manipulates the local knowledge to be compatible with bureaucratic planning, leading to patronage type relationships (Cooke & Kothari, 2001) – professionally occupied resident's opinion dominating other residents when communicating with the local council (SMBC), and a few residents communicating with developers for customised benefits at the detail design stages of some planning applications.

When DHNS neighbourhood management was financed through local authority (state) budgets, the decision making would follow criteria given in respective state policies. The case study demonstrates other instances where the residents' emotive knowledge is incorporated into decision making at the development and neighbourhood management stages of DHNS. Those were when the residents themselves mobilised their own resources (leadership, new ideas and capabilities, network and new relationships, finance) to solve respective issues via participatory actions (Wolff, 2020; Brownill &

Carpenter, 2007; Albrechts, 2003, Innes & Booher, 1999). In these instances, planners were mere facilitators of implementing those decisions.

Furthermore, one-time residents' shared vision for DHNS design differed from the later settled residents', which would mean that communicative planning cannot guarantee fixed 'meaningful' and 'sustainable' solutions (Perera, 2019, Innes & Booher, 1999). Even the ideal shared understanding brought by inclusionary argument would need revising through subsequent community planning actions. These findings steer several implications for communicative planning theory, policy and practice for housing. In the context of housing estate developments, residents (i) building up their *power to* authority, discursive legitimacy networks and resources and, (ii) continuous engagement in the communicative actions to learn about the issues, to see new social orders, articulating those issues to others, find leadership and capabilities over time, can lead communicative planning to accrue positive effects. However, market conditions (Gunder, 2010; Purcell, 2009), power (Habermas, 1984) and patronage relationships (Cooke & Kothari, 2001) among actors in the process, that are hardly inevitable, certainly hinder the communicative planning from reaching its fullest potential. Yet again, as shown in the case study, the process may come across conditions favourable for communicative planning to reach its optimal potentials. DHNS case highlights that such conditions are when the power relations of all actors in the communicative process become closer to a neutral level (Habermas, 1984) or residents having resources to solve the issue by themselves. Hitherto 'meaningful' or 'sustainable' solutions that communicative planning can bring about are time-bound are challenged as circumstances change. Thus, communicative planning and building shared understanding needs to be an ongoing planning approach rather than one-time activity at development.

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