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Citation: Floris, M., Grant, D. & Oswick, C. (2019). A discourse perspective on creating organizational knowledge: the case of strategizing. *Research in the Sociology of Organizations*, 59, pp. 141-156. doi: 10.1108/s0733-558x20190000059008

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Link to published version: <https://doi.org/10.1108/s0733-558x20190000059008>

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**A DISCOURSE PERSPECTIVE ON CREATING ORGANIZATIONAL
KNOWLEDGE: THE CASE OF STRATEGIZING**

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David Grant is Pro Vice Chancellor, Griffith Business School, Australia. His research focuses on how language and other symbolic media influence the practice of leadership and organization-wide, group and individual level change. He has published in a range of peer-reviewed journals and co-edited several books including the Sage Handbook of Organizational Discourse (2004, with Cynthia Hardy, Cliff Oswick, and Linda Putnam) and Discourse and Organization (1998, with Cliff Oswick and Tom Keenoy). He was elected a Fellow of the Academy of Social Sciences in Australia in 2008 and is an elected member of the National Training Laboratory. A lifelong Arsenal supporter, he has come to understand the true meaning of resilience.

Cliff Oswick is Professor of Organization Theory at Cass Business School, City University of London (and previously served as Deputy Dean between 2011 and 2016). His research interests focus on the study of organizing processes and organizational change. He has published over 140 academic articles and contributions to edited volumes. He has previously served as an Associate Editor for Journal of Change Management and Journal of Organizational Change Management. He is a member of the Chartered Institute of Personnel and Development, an elected member of the National Training Laboratory, chair of the board of

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trustees for the Tavistock Institute of Human Relations, and chair-elect of the Organization Development and Change Division of the Academy of Management. More generally, he has recently become a grandparent and he is a lifelong QPR supporter.

Abstract:

This chapter outlines a discursive epistemology of knowledge production through an analysis of the role of time and context in the social construction of organizational insights, outcomes and theories. While the role of time and context has been widely acknowledged in organizational discourse analysis, it has remained unclear what is specific to knowledge generation. Drawing upon a case study of an attempted company acquisition, we illustrate how knowledge is discursively produced and consumed during a process of strategizing. Our analysis shows how knowledge producing processes (e.g. strategizing, theorizing, conceptualizing and hypothesizing) extend both the time horizon of discourses that relate to the future, and the context horizon for discourse(s) that relate to the broader context. This reconstructs the tapestry of interwoven discourses that make up a local discourse and enable new managerial knowledge to be produced.

Keywords:

1. Discourse
2. Theorizing
3. Time horizon
4. Context horizon
5. Strategizing

Introduction

This chapter will show how organizational knowledge is discursively produced and re-produced within organizational settings and during the study of organizations. More

specifically, the purpose of this chapter is to provide insights into how aspects of time and context within discursive events are germane to the production and consumption of knowledge in an organizational setting. By taking a discursive approach, we are able to show how production of knowledge is neither merely an individual endeavor nor an intellectual analysis of objective facts. Rather, it is a social and constructive organizational practice that creates and negotiates new insights and outcomes for the organization. We further show how knowledge is created by extending time and context horizons for discourses that are woven into the discourse, and argue that this is what is different and specific to knowledge production, as opposed to other organizational practices.

In order to explore the discursive production knowledge, we present a case study. The case focuses on the attempted acquisition of Rio Tinto by BHP Billiton between 2008 and 2009. It demonstrates how knowledge is created when strategizing. For us, strategizing is just one form of generating knowledge. However, we believe some important facets of understanding strategizing, as a particular domain of discursive activity, can be carried over to other areas of knowledge production. In particular, we would posit that strategizing is closely related to other cognate forms of future-oriented activities associated with the development of knowledge (e.g. theorizing, hypothesizing, and postulating). Indeed, we would go as far as to say that, to a certain extent, 'theorizing' and 'strategizing' can be perceived as synonymous knowledge-related processes (i.e. strategizing is a form of theorizing and vice versa). And, as such, the case study on strategizing provides a good vehicle for drawing wider inferences about the discursive production of knowledge.

There are four main parts to this chapter. In the next section we consider how perspectives on discourse have informed the ways in which we approach the process(es) of knowledge

production and consumption. This is followed by the case study which offers a grounded example of how, via discursive processes, knowledge is created in practice when strategizing. In the penultimate section we reflect on the broader discursive features of producing new knowledge and what this might tell us about the discursive construction of temporality and context. Finally, we conclude by considering the wider implications of treating knowledge production as a discursive process and highlight possible directions for further research.

A Discursive Perspective on Organizing, Theorizing and Knowledge Production

A discursive approach to organizing and theorizing is firmly based on a social constructionist epistemology and fights a 'two front war' (Alvesson & Deetz, 1999, p.199). On the one front discourse analysis faces an objectivist epistemology of much of traditional, mainstream theory, which locates knowledge in accurate observations of the external environment or organization. On the other front, it must deal with subjectivism, which locates such knowledge in unique observations of phenomena by individuals. In contrast, a discourse approach sees organizational phenomena as neither independent of human experience, nor as the exclusive domain of individual subjective experiences. Instead, they are the outcomes of ongoing social negotiations, and as such are *intersubjective* (Hardy & Phillips, 2004).

There is an extensive body of work that explores organizations and organizing through discourse analysis. Overall, it suggests that organizations only exist 'insofar as their members create them through discourse' (Mumby & Clair, 1997, p.181) (For an overview of this work see for example: Grant, Hardy, Osrick and Putnam, 2004). Some of the main concepts of discourse analysis and how they apply to processes of organizing and theorizing include *discourse, text, context, and meaning*. *Discourse*, the first of these, is defined as 'instantiated in the daily communicative practices that are integral to social interaction and thus social

structure' (Grant and Marshak, 2011, p.208). It comprises a set of interrelated texts that, along with its production, dissemination and consumption, brings an object or idea into being (Fairclough, 1992; Hardy, Lawrence, & Grant, 2005;). Discourse analysis takes a critical look at how, through discourse, particular ways of framing organizational phenomena become broadly accepted. For example, 'shareholder value' has become such a dominant frame to evaluate corporate performance (Lok, 2010) that other frames, which may highlight the interests of other stakeholders (e.g. employees, community, government), are often considered secondary.

While early discourse analysis research saw *text* as limited to written and spoken words, discourse analysis scholars have since expanded this definition to include other modes of communication (Hardy et al., 2005). This perspective on discourse may include a wide variety of visual representations, cultural artefacts and other modes of meaning making that are used in the realization of social goals and purposes (Iedema, 2007; Kress, 2010). Indeed, Roberts et al. (2006) suggest that even the tone, gestures or mood of a messenger are in themselves modes of discursive practice that can convey meaning. The displacement of language as the sole or primary focus of study 'amounts to a profound reorientation' (Kress, 2010, p.79) of our understanding of what discourse is, how it is used to express, negotiate and influence meaning and how we should approach the study of multi-modal discourse. A multi-modal perspective on discourse also opens the opportunity to encapsulate broader insights from culture studies in relation to the construction of social reality and interactions between inhabitants of that social reality.

Owing to the social nature of meaning making, discourse analysis looks at bodies of interrelated texts, rather than individual texts (Phillips & Hardy, 2002). While an individual text

can provide an example or material manifestation of a discourse, it cannot be extrapolated beyond its particular instance. The absence of an objective, invariable reality that is reflected in the text means that in a different 'context' the meaning of the text is not anchored in reality, but depends on somewhat different interpretations by different actors with potentially different frames and interests. Furthermore, the discourses in which we partake at different points in time also shape each other in ongoing dynamic patterns of interaction and meaning making. In sum then, when analyzing an organization's discourse, it is essential to understand the context and point in time in which organizational texts come into existence.

Context and time

The *context* of a particular discourse can be seen to be embedded within a landscape of broader discourses. A broader discourse can be defined as a discourse that is shaped predominantly by actors beyond the organization, and has been variously described as 'macro', 'meta', 'grand', 'capital D' or 'mega' discourses (Alvesson & Kärreman, 2000; Keenoy & Osrick, 2004;). For example, Vaara et al's (2004) study of strategy-related discourses in the airline industry illustrates how a discourse regarding the necessity of airline alliances can be understood as a particular instance of a broader societal discourse on 'corporatization' and 'globalization'. Broader discourses do not imply that they are a given for organizational leadership. While one actor or group of organizational actors may not be able to significantly change a broader discourse in which they are not one of the main or dominant actors, they do have some control over the context of their local discourse by choosing or framing what is seen as the most relevant broader discourses (Fairhurst, 2009). This construction of a context for a local discourse is not neutral. Actors bring to bear their own interests on the discourse,

and these interests may shape the discursive practices of actors, including which broader discourses are made relevant, and ultimately what meaning is assigned to organizational phenomena.

In addition to drawing on broader discourses, a particular discourse may also draw on sets of texts that relate to either the past or the future. Paying attention to 'time' is important in the processes of theorizing and generating knowledge. We can illustrate this by looking at the field of strategy as a case in point. Within all the major schools of thought, strategy is generally positioned as anticipating or forecasting the future and acting accordingly (Baghai, Coley, & White, 1999; Kaplan & Orlikowski, 2013). The dominant design, positioning and ways of thinking about strategizing (Mintzberg et al., 1998) see the future external environment as more knowable and predictable, and the internal environment as more rational in anticipating and acting on future changes in that environment compared to other schools.

Time also plays a role where studies of strategy see the future as less predictable, less rational and more complex and organic, and hence more difficult to anticipate (Mintzberg et al., 1998). Here strategizing, as with other knowledge generating forms of discourse, is less about a long-term vision and more about trying to shape patterns of organizational practices, which would allow a preferred future to emerge from those patterns. In a complex environment, this requires a constant monitoring of, and adaptation to, those patterns.

The future orientation that defines knowledge generation is captured in the concept of a time horizon (Baghai et al., 1999; Das, 1987; Taschdjian, 1977). Taschdjian (1977) defines a 'horizon [as] a boundary which moves back as we move towards it' (in Das, 1991, p.53). What constitutes an appropriate time horizon is not fixed and may vary with, for example,

someone's role or seniority in an organization: while a frontline manager may have to consider the next 3 to 12 months, a Group CEO's time span might extend to 10 to 20 years or beyond.

While the concept of time has been explored in the discourse analysis literature, this has typically been an exploration of how a particular discourse is reiterated or adapted over time as part of organizational change. In contrast, the discussion above suggests that during processes of knowledge production and consumption (e.g. when strategizing) the concept of time is used somewhat differently. Instead of emphasizing how a particular discourse changes over time, it now refers to how that discourse at a particular moment in time draws on sets of texts that refer to other (mainly future) moments in time. In sum, 'looking forward' in time is a matter of drawing on texts that relate to a future point in time. By becoming part of the real-time, unfolding discourse, future-oriented texts play a role in shaping coherent, plausible and acceptable connections between the past, present and future. This is needed to create an account that enables actors to agree on a particular outcome or action and move forward when producing management knowledge.

The next section adopts a discursive perspective in order to examine and explain a failed acquisition strategy. Using the example of strategizing as an explanatory vehicle, it illustrates how managerial knowledge – specifically in relation to time and context - is produced and consumed.

Case study: BHP Billiton's attempted acquisition of Rio Tinto

In 2007-08 BHP Billiton (BHP) tried to acquire Rio Tinto to create the world's largest mining company. After twelve months of a very public and hostile discourse, BHP walked away from the attempted acquisition as the obstacles seemed too great, in part due to the Global

Financial Crisis, which created additional risks for the transaction. Here, we analyze BHP's acquisition discourse in order to show how time and context were enacted in the discourse (for more details on the research underlying this case, see Floris, 2014; Floris, Grant, & Cutcher, 2013). The discourse was structured around three key constructs that would determine if the acquisition would proceed. First, this was whether BHP's leadership and shareholders could agree on the distribution of a presumed *additional value pool* through a mutually acceptable *fair share exchange ratio*, and whether key regulators would substantially agree with BHP on what the acquisition would mean for competition; that is, that the *impact on competition* was acceptable in their area of jurisdiction.

Enacting time in strategy discourse

The *additional value pool* was constituted through the discursive construction of the future cost and revenue synergies resulting from the acquisition. The role of time was straightforward in that it was about *future* savings and revenue. BHP explicitly talked about time horizons and indicated actual years when savings and revenue increases were expected:

'Cost savings can be achieved relatively quickly and the full run rate of \$1.7 billion can be achieved by year three. The revenue benefits will make a major contribution from year four and essentially by year seven we will have the full run rate of \$2 billion per year. One-off implementation costs would be in the order of \$0.65 billion and they would be incurred in the first two years.' (CEO Kloppers, BHP Billiton and Rio Tinto: Unlocking Value, 12th November 20107).

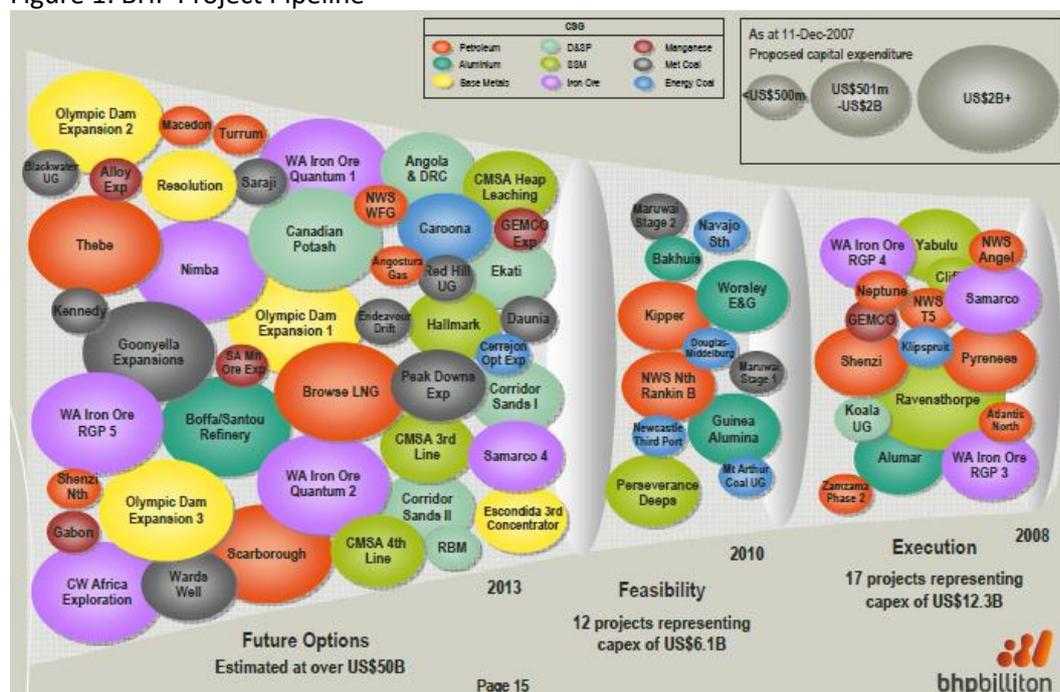
The annual revenue enhancements were \$2.0B, which would build up from year 4 to year 7. The construct of the *additional value pool* resulted from calculating these cost and revenue

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synergies and discounting their future value in order to translate expected future value into today's dollars. The valuation of this pool depended not only on the size of cost savings and additional revenues, but also where the strategy discourse located them in time due to the increased discounting of more distant additional profits.

Time also permeated the construction and negotiation of the meaning of the *fair share exchange ratio*, which indicated how future value would be distributed across shareholders of each company. The ratio was influenced by relative future capability, including new mining projects in the pipeline. For example, each bubble in Figure 1 represented a separate project in BHP's pipeline where the size reflected the value and the colour the mined commodity.

Figure 1: BHP Project Pipeline



Source: BHP Billiton briefing, 12th December 2007

Projects enter the funnel on the left and move to the right from future options, to feasibility stage, to execution. These future projects of both companies were of critical importance to the discursive construction of relative value of each company as they symbolised future profit streams, and hence what was under negotiation as a *fair share exchange rate*.

Time also played a major role in the negotiation of meaning of the *fair share exchange ratio* through expectations of demand and price trends in commodity markets. For example, Rio was much more sensitive to the discursive construction of trends in the aluminium market than BHP. This provided Rio the opportunity to influence the negotiation of what was considered a fair exchange ratio by emphasising positive trends in that particular market:

'Global aluminium demand is growing strongly, currently about 7% per year and forecast to remain so, given the expected double-digit growth rate in China.'

(Dick Evans - CEO Rio Tinto Alcan, Investment Seminar, 26/11/07)

The significance of time can further be seen in the construction of the meaning of the third key construct: *impact on competition*. Much of the *additional value pool* depended on an acceleration of tonnage by optimising key mineral basins, assets and infrastructure in the discursive construction of the acquisition strategy. Importantly, an accelerated tonnage suggested that the acquisition would have a positive effect on supply and hence the future competition in, for example, iron ore, coal and diamond markets. In addition, the emergence of new iron ore producers also played a role in the discursive construction of the future. BHP had argued that emerging iron ore producers would erode its future market share and therefore any *impact on competition* of the acquisition was minimal and temporary. However, the Australian competition regulator expressed scepticism about this claim, stating:

'it is uncertain whether the threat of new entry is an enduring and effective competitive constraint .. few alternative suppliers capable of supplying significant quantities of iron ore lump and iron ore fines at a cost that would be likely to impose an effective competitive constraint on the merged firm.' (ACCC, Statement of Issues — BHP Billiton Ltd's proposed acquisition of Rio Tinto Ltd and Rio Tinto plc, 22nd August 2008)

As a result, BHP committed to a 15-year supply contract to remove the perception of a negative impact on competition for the next 15 years, paving the way for the regulator to accept the proposed acquisition.

These examples illustrate that the discursive construction of the future was a critical feature of the acquisition discourse. The examples that related to the *additional value pool* and the *fair share exchange ratio* show how strategizing that promoted a future state in which both companies were merged and created more and better opportunities. A time horizon that would only have included short-term cost and revenue synergies, or even the synergies over the initial three years, would not have offered adequate additional value to justify the upfront cost of the transaction. Similarly, a more limited time horizon could influence the perceived *fair share exchange ratio*, as the expected future profits of both companies developed at a different pace. Lastly, the examples above also showed how the time horizon influenced the perceived impact on competition. Only the extension of the time horizon of supply contracts to 15 years made the acquisition a viable strategic option. The next section shows how actors discursively constructed and drew on broader discourses that provided a context for the acquisition discourse.

Enacting context in strategy discourse

When, in November 2007, the then BHP CEO Marius Kloppers first presented the case for acquiring Rio Tinto, he articulated a number of broader discourses, including the primacy of shareholder value; long-term demand from China and India; and the importance of competition in markets. The first two were of particular importance to the negotiation of meaning of the *additional value pool* and the *fair share exchange ratio*. The importance of competition to create healthy functioning markets was of particular interest to the meaning of the *impact on competition*.

The 'primacy of shareholder value' discourse implies that managers are agents of shareholders, and that a company's strategy - above all else – must maximize value to shareholders (Lok, 2010). This perspective was deeply embedded in all communications. For example, the title of BHP's press release was '*BHP Billiton's proposed combination with Rio Tinto to unlock value*' (BHP Billiton, 2007d). This document, and the subsequent analyst presentations (BHP Billiton, 2007a, 2007c) made it clear that value in this context meant shareholder value, and suggested that the driver behind the acquisition was the creation of such value. Similarly, Rio Tinto's then CEO Tom Albanese and its leadership had to appeal to the same audience and weave in the same broader contextual discourses. They did so by arguing that rejecting BHP's offer was 'all about value' in their formal response:

'... the three themes of my discussions this morning were all about today being a day about value and it was all focused around the value of Rio

Tinto, the value to Rio Tinto shareholders ...' (Rio CEO Tom Albanese, Investor Seminar, 26th November, 2007).

Both the arguments in favor and against the proposed acquisition were constructed consistently by BHP's and Rio's leadership in terms of superiority in shareholder value delivery.

At the time of the press release, there was a general expectation and consensus that there would be a multi-decade high economic growth of two of the largest countries in the world, China and India, which would generate a strong demand for mining commodities. BHP CEO Kloppers emphasized that *'In order to understand the most fundamental reason why we are interested in this combination [of BHP and Rio] we have to start with the demand for our products.'* (BHP Billiton, 2007b). Other actors throughout the episode corroborate that they also accepted the broader discourse of extensive future economic growth in China and India. The example of long-term demand also illustrates that broader contextual discourses can simultaneously draw on time horizons.

From the initial announcement of its intent to acquire Rio, BHP's leadership acknowledged the need to satisfy key competition regulators by referring to its *'thorough analysis of the anti-trust implications of this combination and... [its being] ...confident ... that any possible regulatory concerns can be readily addressed'* (BHP Billiton, 2007c, pp., p.4). In short, BHP wove the importance of competition and the other broader discourses into the fabric of the acquisition discourse.

The broader discourses that were identified above show how the acquisition discourse was substantively shaped, or even constituted by, discourses that existed beyond BHP and even beyond the mining industry. For example, broader discourses of shareholder value and the

importance of competition can be regarded as institutionalised discourses. Accordingly, actors in the acquisition discourse did not deviate significantly from articulating these so as to add legitimacy to their arguments. That said, other broader discourses pertained more narrowly to mining and opened up the opportunity for actors to construct and communicate broader discourses in novel ways in relation to the acquisition discourse. Combining BHP and Rio in full could only emerge as a strategic option if the context was extended enough to include the broadest discourses described earlier.

Our analysis of this case showed that the concepts of time and context were thoroughly anchored in the acquisition discourse. As we will argue next, in the discussion, together they indicate what differentiates knowledge creation when strategizing from other managerial activities that also create organizational knowledge.

Producing and Consuming Managerial Knowledge: A Discursive Epistemology

This chapter set out to develop a discursive perspective on how knowledge is created and re-created during the process of organizational theorizing and theory formation. While a discourse perspective on organisations is well developed, it is less clear what is specific about knowledge production and consumption. The case study has demonstrated the important role of time and context in this. Time and context are well recognized in the discourse literature (e.g. Keenoy & Osrick, 2004). However, it is not clear why these dimensions are important or how they are enacted when strategizing, as in the case study, or more generally when engaged in organizational theorizing and/or producing new managerial knowledge.

To develop a more specific answer, we draw on the concepts of interweaving (Fairclough & Wodak, 1997) and intertextuality (Keenoy & Osrick, 2004; Riad, Vaara, & Zhang, 2012). We

connect this with the concept of horizon; that is, 'a boundary which moves back as we move towards it' (Taschdjian (1977) in Das, 1991, p.53). In the next section we discuss time and context horizons from a discursive perspective and how these impact on an epistemology of theorizing and knowledge production.

Extending the time horizon: bringing the future-in-the-present

Examination of BHP's failed acquisition discourse demonstrated that strategizing, as a distinct form of knowledge production, could not realistically be conceived without a temporal dimension. Each of the examples we have provided of the discourse were permeated by and depended on references to the future of the industry, the company's future vision and future profits. This confirms previous research that argues that, while temporal work in strategizing involves weaving accounts of the past, current and future into strategic accounts (Kaplan & Orlikowski, 2013; Keenoy & Osrick, 2004), strategizing is foremost a future-oriented activity (Das, 1987; Kaplan & Orlikowski, 2013; Mosakowski & Earley, 2000).

Attention to this temporal dimension can be seen in most forms of knowledge production insofar as they are future-oriented (Baghai et al., 1999; Kaplan & Orlikowski, 2013; Mintzberg et al., 1998). However, from a constructionist perspective theorizing the future is interpretive (Weick, 1979) in that it is about constructing 'imaginings of what might be possible' (Kaplan & Orlikowski, 2013, p.966). Accounts of other times that are considered when theorizing can be seen as discursive practices that construct a past or future, which we weave into the fabric of the *current* discourse. Keenoy and Osrick (2004) refer to this as 'temporality-in-the-present', that is, 'the past, the present, and future are simultaneously embedded within a discursive event (i.e. the 'past-in-the-present', the 'present-in-the-present' and the 'future-in-the-present')' (p.138). This means that the temporal work when producing knowledge constructs

how we *now* recall the past or imagine the future (Kaplan & Orlikowski, 2013), in this 'discursive moment' (Keenoy & Oswick, p.138). These should not be seen as accurate histories or forecasts of other times but as (re-) constructions of that past or future. Each subsequent instance of reconstructing the past or the future is neither an exact replica nor completely divorced from previous constructions. It always combines both recursivity *and* adaptation. As such, each instance implies a connection of past, current and future patterns (Fairclough & Wodak, 1997; Giddens, 1986; Phillips & Hardy, 2002).

The concept of time horizon is critical in the process of the social construction of meaning as it occurs as part of theorizing and hypothesizing which, in turn, are integral parts of producing new knowledge. It also connects with the idea of a 'textscape' (Keenoy & Oswick, 2004), which considers how texts that relate to another time are woven into the current discourse of an organization. This involves weaving together different discourses to negotiate meanings of key constructs that appear 'coherent, plausible, and acceptable' (Kaplan and Orlikowski, 2013, p.965) through persuasion and negotiation (Floris et al., 2013). Discursive practices that relate to a more distant future have a greater potential to recast current discourse and explore 'barely conceivable alternatives' (Kaplan & Orlikowski, 2013, p.991). For example, in the BHP case study, the acquisition could only be conceived of as a potential strategic option if the time horizon were set out far enough to include sufficiently realized annual cost and revenue synergies to warrant the effort and risk of this strategic option. While previous studies acknowledge the importance of time and temporal work (Kaplan & Orlikowski, 2013; Keenoy & Oswick, 2004), this chapter argues that it is not enough to say that discourse associated with theorizing and knowledge production draw on discursive practices that relate to time. What is specific and core to the purpose of theorizing is to generate new knowledge for an

organization (or about an organization), and this may require *extending* the time horizon beyond what would be considered in the day-to-day discourse in order to draw on *additional* discursive practices that may help recast the existing discourse in the organization sufficiently to allow new insights, options and outcomes to be imagined.

While the processes of knowledge production are socially constructed, it would be problematic to argue that time *only* emerges as an influencing factor because of social processes. In all the situations discussed, time remains sequential, and while there may be a perception of cyclicity, a particular event or discursive moment in time, once passed, cannot be undone or cycled back but – at most – forgotten or reinterpreted. Also, we cannot discursively produce knowledge without at least an implicit notion of time and, more broadly, we are incapable of perceptions that are not conditioned by time. All our perceptions, that is, all phenomena are shaped by time as a primary category (Kant, 1976), without which we cannot perceive or think about something. Kant's second transcendental form of perception is space. Space, as will be argued, is echoed in the second discursive facet of the knowledge production horizon: context.

Extending the context horizon: bringing the context-in-what-is-present

To date, the term 'horizon' has been used to designate a horizon for time only (Baghai et al., 1999; Das, 1987; Taschdjian, 1977). We extend the use of this term use to encompass a context horizon. The case study illustrated how key actors in the acquisition discourse discursively constructed a number of broader discourses in the local acquisition discourse throughout the period under investigation. Some of the key broader discourses that were interwoven in the pre-acquisition discourse and discussed in the case study included the

primacy of shareholder value; the demand of global markets; and the importance of competition.

From a discursive perspective, the context of a particular text or discourse is primarily constituted by other sets of texts. Such 'contexts are not simply a backdrop to text, they are actually embedded within it' (Keenoy & Osrick, 2004, p.140). In this chapter, a deliberate differentiation was made between a local discourse and broader discourses, variously described in previous research as 'macro', 'meta', 'grand', 'capital D' or 'mega' (Alvesson & Kärreman, 2000; ; Keenoy & Osrick, 2004; Phillips et al., 2008). These broader discourses are interwoven with, and have a critical role in shaping, local discourses. The discursive construction of contextual discourses in the local discourse is fundamental to any organizational activity and the process of knowledge generation. This context of discourses relates to increasingly distant locales (Keenoy & Osrick, 2004) or discourse created by actors increasingly removed from the local discourse (Law & Hassard, 1999). For example, was the proposed acquisition of Rio by BHP sensible in the context of broader discourse of long-term demand for mining commodities? If strategizing by extending the contextual horizon is done successfully, then such reinterpretations may create new strategic options that did not seem possible previously.

The contextual horizon within a given discourse can be extended or decreased in a number of ways, and can zoom out or in (Latour, Jensen, Venturini, Grauwin, & Boullier, 2012), or scale up or down (Hardy, 2004) interconnected discourses. While this suggests that actors might have some choice in selecting broader discourses to frame their local discourse, this choice is limited by the need to frame arguments in a way that coheres with dominant (or at least

acceptable) worldviews. This restricts what is seen as the appropriate context horizon for a local discourse.

The horizon of the discursive production and consumption of knowledge can also be generalized for different hierarchical levels of an organization. As with time horizons, a broader contextual horizon is relative, and the highest levels of an organization's hierarchy can be expected to draw on the broadest discourses. For example, in the case of BHP's attempted acquisition of Rio the two CEOs involved, Kloppers and Albanese, drew on broad societal discourses of shareholder value to argue for or against the proposed acquisition strategy while division heads for petroleum and iron ore drew on market discourses for their respective commodities. From a discursive perspective the local discourse is a point or space where other ('broader') discourses overlap and are combined, and vice versa: those other discourses exist in other local discourses. Every individual text or discursive practice may be part of a local discourse and a broader discourse simultaneously. For example, BHP's profit and loss statement is part of its local strategy discourse, but at the same time it enacts a broader discourse on accounting standards. Further, whether a discourse is seen as local or broader is not an objective characteristic, but depends on the perspective of the actors: if they are main actors who shape the discourse then it is their locale and their local discourse. From the outset of BHP's attempted acquisition of Rio, it informed the definition and analysis of broader discourse and suggests that the terms 'mega' or 'big D' discourses are problematic (Alvesson & Karreman, 2011), as these suggest a hierarchical logic in the relationship between a local and a broader discourse. If external actors predominantly shape a discourse that is woven into the local discourse of numerous organizations, it can be seen as a broader discourse.

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After the above discussion, it seems self-evident that producing knowledge by extending the contextual perspective of the local discourse is a social activity. The external environment is not objectively given. It is constructed in the local discourse by drawing on, selecting, connecting and interpreting other socially constructed discourses. Even if the local discourse appears to be relatively self-contained, the process involves a continuous drawing on and interweaving of broader discourses that have been created and disseminated by others.

This extension of horizon, imagined as an extension into broader discourses, echoes Kant's second transcendental form of perception of space (Kant, 1976). While a discursive space differs from a Euclidian space, these other discourses or other actors appear logically positioned predominantly outside the local discourse. They can be brought into the local discourse, but will largely continue to exist and develop outside the local discourse. Traces or echoes of space as a form of perception also reside in the use of terms like 'into' and 'outside' when talking about the connection between local discourse and broader discourses. Do we use such spatial terms because, as Kant argued, we cannot perceive without imposing space, or does space emerge from the use of the terms? There is no intent or possibility to consider this question as Kant did at a metaphysical level in the context of this chapter. The aim here is far more modest: whether space (and earlier in the discussion, time) is a transcendental form of perception or simply a category of sense making that we must use when theorizing may not matter for a discursive epistemology of knowledge production. In either case, they do however remain essential to better understand how moving towards these horizons creates knowledge.

Conclusions

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The discussion of a time and context horizon showed how meaning in a local discourse is constructed, in part, by interweaving discourses that relate to other times and broader contexts. The temporal or contextual work that comes with extending the time and context horizon changes the tapestry of interwoven discourses that make up a local discourse and provide the opportunity to construct knowledge that was previously not considered or marginalized. A social constructionist and discourse theoretical framework sees the world come into being and carved from an undifferentiated flux of sensory experience (Chia, 2000). Constructs, objects or concepts emerge from 'bracketing' (Weick, 1979) those carvings. Knowledge generation is therefore about looking beyond the bracketing we take for granted on a day-to-day basis. It is about deconstructing taken-for-granted truths and meanings, and questioning conceptual fixedness, in order to create a fluidity that will enable recombining that which was bracketed in a different way. The more we succeed in changing the tapestry of interwoven discourses, the greater the potential to negotiate new managerial knowledge.

Often, this is complex and difficult to achieve. The negotiation of meaning in relation to the temporal and contextual horizons of a local discourse is achieved through constructions of the future (i.e. the future-in-the-present) and broader context (i.e. context-in-what-is-present). If these constructions are similar to enactments in the many other discourses in which they play a role, then actors may be able to agree relatively quickly on parts of the local discourse. If though they are dissimilar, then tensions arise between the local discourse and other discourses. Such tensions may have to be resolved in order to gain support from decision-makers, either by adapting the interpretation of a particular local discourse or by reshaping widely accepted discourses of the future and the context. The difficulty with such reinterpretations is that they require these actors to ignore how a given phenomena is

typically interpreted across other local discourses, and create tension between interpretations. Consequently, these reinterpretations are more likely seen as incoherent, implausible and unacceptable (Kaplan & Orlikowski, 2013).

We would contend that the discursive production of knowledge is multi-modal, that is, it includes not just what is said or written but any mode that contributes to meaning making. We also see knowledge production as a creative, constructionist practice that requires negotiation of meaning rather than the identification of objective facts. In the case of BHPs failed acquisition, this involves 'looking further ahead in time and considering a broader context' to increase strategic options, that is, alternatives to a future that would otherwise unfold. This can be understood as follows: in order to change an unfolding future, it is necessary to bring about a change in the patterns of actions from which this future will emerge. From a discourse perspective we can change patterns of actions by changing the discourse. We suggest two distinct ways of changing how we construct and negotiate meanings that are specific and essential to a given discourse. Attempting to look further ahead in time is about increasing the time available to create a preferred future or set of responses to bring it about. This is achieved by weaving texts that relate to a more distant future into the present discourse. Similarly, considering a broader context occurs when weaving texts that relate to a more distant context into the discourse. This extends the visibility of opportunities or threats in the creation of a preferred future and set of responses. Lastly, what is 'seen' is the outcome of habituated practices and frames that are used to construct the world in which we live. By deconstructing that world and reconstructing alternative futures and contexts, new managerial knowledge may emerge to guide the actions of organizational actors.

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Our discursive epistemology has used a case study, based upon the notion of strategizing, to elucidate how knowledge is created. That said, it is important to stress that strategizing is presented as an illustration of how aspects of time horizon and context horizon can meaningfully be carried over to other areas of knowledge production. Indeed as indicated earlier, we would contend that strategizing is a form of theorizing (and vice versa) and both are integral parts of the discursive process of knowledge generation. Hence, we might expect the twin discursively embedded concepts of 'time horizon' and 'context horizon' to be present in a variety other knowledge production events and processes in organizations albeit that they may well be configured in slightly different ways to strategizing. For example, in the case of 'organizational audits' and 'process reviews', as knowledge producing processes, the notion of time horizon is still likely to be an important discursive component. However, one would anticipate that the time horizon plays out differently in 'auditing' and 'reviewing' when compared to 'strategizing'. As indicated earlier, the emphasis in strategizing is predominantly future-oriented which in discursive exchanges (both talk and text) manifests itself as an overriding focus on the "future-in-the-present". By contrast, 'process reviews' are concerned with making sense of past events and, as such, the retrospective temporal privileging in discourse is the "past-in-the-present". Equally, 'organizational audits' are typically concerned with taking stock of 'where we are now' and they therefore accord discursive primacy to the "present-in-the-present". In addition to time horizon differences in the social construction of knowledge in these examples, there are undoubtedly also differences in terms of the context horizon (e.g. location, material context, relational context, and so on). Indeed, there may also be other significant discursive features to take into consideration beyond the time horizon and context horizon that shape the production of organizational knowledge in other domains.

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In conclusion, our interrogation of discursive phenomena that produce organizational knowledge is not intended to provide definitive insights into the processes of knowledge production per se. Instead, we offer a tentative protocol for the discursive analysis of knowledge producing organizational processes; one that opens up the possibility of developing new and deeper understandings of how these processes play out. In this regard, we would encourage other researchers to adopt our approach to exploring organizational texts and discursive events as a means of revealing the features and peculiarities of other aspects and areas of knowledge production in relation to organizations and, more generally, the field of organizational studies.

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