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Can economic growth be achieved in top management consulting using principles from the business federation? Findings from a Norwegian longitudinal study from 1984 until 1998

Abstract

The purpose of this article is to illustrate how management consulting firms can achieve economic growth through operating locally within an international network using the business federation as a new organizational form. Within the business federation, a local office gains access to resources through an extreme form of delegation where top management does not delegate to local offices, but rather gives local offices the permission to deal with tasks, because it is most efficient. The author uses top management consulting firms operating in Norway as the empirical setting operationalizing the business federation through a building block system. The research shows support for the claim that firms move closer to the business federation as over time from 1982 until 1998. It is indicated that firms operating close to principles of the business federation achieve stronger economic growth. The research contradicts claims found in the academic literature that the partnership model supports economic growth.

Keywords: top management consulting, the business federation as a new organizational form, economic growth, Norwegian longitudinal study.

JEL Classification: L1.

Introduction

The aim of the research is to study the extent to which a selected number of management consulting firms in Norway have moved closer to principles of the business federation in order to achieve economic growth.

The top management consulting industry in Norway represents the empirical setting of the research. Given the nature of the consulting industry, it may be expected that consulting services provide an adequate setting for the adoption of changes in design parameters which can move firms towards the business federation. The business federation can balance the need for coordination and local autonomy. Therefore, insights derived from the business federation might be used to explain phenomenon of specific configuration choices in strategy consulting firms.

1. The roaring eighties and nineties in business administration

The 80s and 90s were characterized as a period with great faith in markets. The purpose was to match capital, ideas and talent, leading, it was believed, to higher economic growth. Large corporations were like elephants unable to dance to the tunes of the jazzing entrepreneurial economy. Slogans like “slim is in” and “less is more” became a part of corporate vocabulary.

Managers became obsessed with improving operating efficiency in order to maximize shareholder value. Diversification was viewed with suspicion, in worst cases, regarded almost as a managerial crime.

Economic growth soared to levels of historical heights, the heydays of corporate success seemed to last forever. Globalization was going to bring prosperity, including reduction of poverty, it was believed among certain business leaders and academics.

The Asian crisis in 1997 and the global financial crisis in 2008 put an end to the hyper optimist forecasts for top management consulting. Still, clients of management consultants and the management consultants themselves are realizing that the basis of competitive advantage is built on a strong entrepreneurial orientation, as it allows a firm to be responsive to market opportunities.

2. Movements towards the business federation in times of change

Handy (1992, 1994) is of the opinion that a company can seek growth through operating locally within an international network (Handy, 1992, 1994), defined in this research as the business federation.

The business federation is defined as a number of unitary subdivisions with a holding company acting as a coordinating mechanism (Nohria and Ghoshal, 1997). Divisions within the federation operate interdependently, for example, when they cooperate on projects. Competition between divisions due to limited resources may exist, for instance, on client assignment. Headquarter can take care of “housekeeping” activities by cultural means of control and the use of corporate services.

Handy (1992) is of the opinion that the center’s strength is a result of inputs from outlying groups, in a sort of reserve delegation. The center, therefore, does not direct or control, but rather advises, coordinates and influences, being well aware that initiatives
generally come from local levels. Within the business federation, it is not the top management that delegates to local units, but rather local units that give top management the permission to handle certain tasks, because they are handled more efficiently at the top, for example, by introducing corporate services in order to support a collaborative culture.

Researchers advocate a process of renewal of corporations which inevitably will lead them to behave more in accordance with federalist principles (Bartlett and Ghoshal, 1995; Elion, 1992, 1994). However, these authors only provide a partial understanding of the importance of federalist behavior.

We highlight federalist behavior through the use of selected building blocks. Those chosen are autonomy in the client relationship, autonomy in the relationship between local offices, formal interdependence between local offices, cultural means of control, the use of corporate services, and the extent to which local offices have a sense of ownership over intangible resources generated locally (Syvertsen, 2000).

The building block system represents a guide for how to hold a management consulting firm together. The system can also supply information on the relationship between local offices, and whether the relationship with headquarter functions properly.

Based on the writings of Spender (1996), we present a conceptual model that distinguishes the individual level (the local approach) from the collective level (the international approach). We also introduce a dimension where the explicit and tacit knowledge are included.

The two mentioned dimensions constitute a matrix of four specific areas of focus, related to value creating processes in management consulting firms. These areas of focus are “wisdom” and “communication” at the individual level (the local level) and “culture” and “coordination” at the collective level (the international level), as shown in figure one. The recognition of these four areas and the interaction between them constitute the foundations for management knowledge in order to produce economic value within management consulting firms.

At the local level, we distinguish between “wisdom” and “communication”.

“Wisdom” means, the ability to handle the job that lays ahead of us (Johnson, 1988, p. 7), based on Greek thinking. As professionals get more experience, they will have a greater sense of the importance of system interactions, creating value in both the client markets and the professional markets.

“Wisdom” consists after our reasoning of autonomy and resource sharing (interdependence).

“Autonomy”. It is often assumed that autonomy can promote entrepreneurial activities (Hayek, 1945), since it is assumed that local levels may serve clients in a better way than the corporate level can. Our findings support this argument.

“Resource sharing (interdependence)”. Management consulting firms face challenges in providing local offices with access to limited resources without duplicating costs. This requires specialization and coordinated efforts among local offices (Davenport et al., 1997). A positive relationship between resource sharing and economic performance can be expected. Our research supports this argument.

“Communication” consists of a sense of ownership.

“Ownership”. Within management consulting firms, it is generally assumed that a partnership model, with the use of up-or-out promotion policies, make sense, since a firm’s reputation among clients and other market intermediates are closely related to the perceived quality of the partners (Nelson, 1988). Our findings do not support this argument, as the partnership model might not function as expected, since, it may involve a loss of considerable firm-specific knowledge.

At the collective level (the international level), we distinguish between “culture” and “coordination”.

“Culture” can be regarded as cognitive mindsets, manifested through behavior and language (Child, 1984) and used to denote the idiosyncratic knowledge that are difficult to imitate, securing coordinated action and minimizing transaction costs (Gulati, 1999).

“Control mechanisms”. Control mechanisms from head office are often regarded as social means of control. Social means of control, consisting of ideology, culture and sanctions, can regulate behaviors at local levels within the business federation (Syvertsen, 2000).

“Coordination”, in our context, means programed organized practices that give value to clients and other interest groups, transforming knowledge into economic growth.

“Corporate services (boosting units”)”. Through the use of corporate services, management consulting firms can leverage cumulative experiences found in client bases. Local offices can concentrate their work on promoting entrepreneurial processes.

Fig. 1. A model for illustrating a local approach within an international network (the business federation)
3. Theoretical foundations focus on networks and managerial cognition

3.1. Network structures. Research stresses the importance of network structures in understanding business exchanges (Achrol, 1997; Møller and Rajala, 2007). Researchers in strategic study have focused on groups, either as defined by objective characteristics (McNarara et al., 2003) or as shared understandings (Oborne et al., 2001; Reger and Palmer, 1996). Strategic marketing researchers have focused on value-creating processes (Parolini, 1999; Møller and Svahn, 2006; Normann and Ramirez, 1993), while studies of marketing alliances have emphasized the importance local offices within larger firms operating based on formalized and collaborative agreements (Das et al., 1998; Gulati et al., 2000). Research on organizational change within networks in less well researched (i.e., Araujo and Easton, 1996). This is the focus of this article.

3.2. Managerial cognition. Within this research tradition, we have decided to focus on local initiatives as a result of cognitive aspects of management. We are well aware that managerial cognition represents a potentially intangible, idiosyncratic and proprietary difficult-to-trade dynamic knowledge within a given management consulting firm (i.e., Teece et al., 1997), which we believe is an adequate approach to illustrate the philosophy behind the business federation.

The foundations of the cognitive perspective on management were originally based on cognitive psychology and were, in part, a response to the development of an overtly behavioral focus in management science. Rejecting the central theoretical tenets of behaviorism, cognitive scientists emphasize the analysis of the various intervening mental processes that mediate responses to the environment (Huff, 1997).

The construct of bounded rationality (Simon, 1978, 1982; Foss, 2001), which suggests that actors are unable to take decisions in a completely rational manner due to the fact that they are constrained by fundamental information processing limitations, is a pillar in the development of modern cognitive theory.

4. Methodological foundations

4.1. The methodological position of the article is within the postmodern perspective. It also incorporates elements of the interpretive perspective. We assume that meaning is locally created, and that decision making is built on a decentralized framework (March, 1994) in accordance with principles of the business federation.

The research in this paper is reported from a subjectivist or phenomenological paradigmatic point of view, as it seeks to explore the factors that can explain federalist behavior (Connell and Lowe, 1997). This holistic view implies that social phenomena are researched within totality, in order to obtain a “deep”, “rich” and “comprehensive” insight and understanding of the phenomena being studied. A phenomenological inquiry implies that the study object is examined in its natural setting. It implies that phenomenological is closely linked to qualitative methodologies, which are particularly useful when examining change processes in organizations (Gummersssson, 2000).

4.2. Qualitative research. We used an exploratory qualitative study to describe organizational behavior of top management consultants in the time period from 1982 until 1988. We did a qualitative study, because it would make it possible for us to gain deeper insights. According to Silverman (2005, p. 349), “the point of qualitative research is to say a lot about a little”. This viewpoint suits the present study well, as the objective is to uncover factors that can make top management consultants behave more in accordance with the business federation as a new organizational form. The important role of the subjects has been emphasized by Merriam (1998, p. 205), who argued that, in qualitative research, “researchers seek to describe and explain the world as those in the world experience it”.

4.3. Case study research. The research design is a multiple case which permits a “replication” logic (Yin, 1984). This means that cases are regarded as a series of independent experiments that confirm or reject conceptual insights. Top management services are conceived to include strategy, both formulation and implementation, as well as related areas such as restructuring and merger advise.

Within case study research, as with other research, how the research questions are addressed becomes critical. According to Yin (2003, p. 7), the research question should have substance, i.e., what is the study all about, and form, i.e., what type of research question has been posed. As in any empirical study, choices in details of the research design must be carefully be assessed (Sekaran, 1992).

4.4. Research design details. Fieldwork is the method used in this study (i.e., Easterby-Smith et al., 1999, p. 33), in order to give real live experiences from the top management consulting industry.

In order to gather further information of the research design process, we focus on the selection of interviewees, the information gathering techniques and the analytical procedure.

4.4.1. The selection of interviewees. The sample consists of partners in the sampled top management firms. They are the main agents of a given firm interested in moving closer to principles of the business federation and generating economic value. The partners are regarded as being the most skilled and knowledge persons within the management consulting firms.

Also, other consultants in the top management consulting firms were interviewed, but these were
purely contacted in order to support or contradict the arguments found in the partnership group. The same was the case with interviews with professors at business schools and journalists.

In the selection of partners and the other respondents, principles from snowball sampling were used, according to Merriam (1998), “is, perhaps, the most common form of purposely form of sampling. The snowball sampling procedure “involves asking each participant or group of participants to refer to other participants” (Merriam, 1998).

In order to gain insights from respondents secondary sources, particularly press clippings were of great importance, as they gave insights into top management consultants and their clients. Also, doctoral dissertations on top management consulting were of interest. The same is true for books written on top management consulting.

4.4.2. The information gathering techniques. According to Esterby-Smith et al., (1999, p. 71), the “most fundamental of all qualitative e-methods is that of in-depth interviewing”. By conducting in-depth interviews, both “depth” and “richness” of data were obtained and, in collecting the data, we followed the advice given by McCracken (1988) strictly followed in letting the respondents tell her or his story in her or his terms. We maximized the yield from the interviews by taking advantage of this “opportunistic” approach. The in-depth interviews, which lasted for ca. 80 minutes, were followed up with new interviews if needed.

In this way, the interviews could be regarded as “loosely structured”. By “loosely structured” we mean that a more structured than unstructured format was used in order to avoid gaining superficial insights (Miles and Huberman, 1984). Because the research took place at multiple locations, it was also important to have a similar format in order to develop a common framework. This also made it easier to compare insights across cases (Miles and Huberman, 1994).

When closing which assignments to analyze, we decided to select the ones with sufficient size to have an interest for the management consultants. Certain assignments were chosen, because they seemed to represent breakthroughs into segments of the consulting market.

Our greatest challenge with the research was that consultants were discrete about their business activities. This made it difficult to get first-hand information on consulting assignments.

In order to achieve access to top management consulting firms, we needed acceptance from senior partners. First, we wrote a letter to a selected number of senior partners introducing new organizational forms within the management consulting industry as the topic. Thereafter, we contacted senior partners by phone asking for permission for an interview. In almost all cases we got a positive response.

4.4.3. The analytical procedure. As it is typical in inductive research, we analyzed the data by, first, building case studies, and then comparing findings across cases for the purpose of constructing a conceptual framework (Eisenhardt, 1989). Through the use of interview and secondary sources, we noted differences and similarities between cases. We waited for further analysis until we had completed all case write-ups to maintain a clear logic.

Once the individual case studies were complete, we used cross-case analysis, relying on methods suggested by Brown and Eisenhardt (1997), Eisenhardt (1989) and Miles and Huberman (1994) in order to develop conceptual insights. We created tables and graphs to facilitate comparisons and to develop a theoretical logic. We took several breaks during the analysis to refresh our thinking. The process took about three years leading to the results that follow.


In order to judge if firms in the sample have moved closer to principles of the business federation, we distinguish between the years 1982-1988 (first period) and the years 1989-1998 (second period).

5.1. The first period (1982-1988). The Norwegian economy grew significantly in the years from 1982 until 1988, leading to an increased demand for top management consulting (1).

5.1.1. First category: McKinsey as an example of a pure strategy practice. When McKinsey opened their doors in Oslo in 1984, the firm had already established offices in Copenhagen and Stockholm, with leading firms as clients such as Bang Olufsen and Volvo (2), (3).

Autonomy. Degree of autonomy in the relationship with clients: In the first years of operation, the McKinsey’s Oslo office had a great degree of autonomy in closing clients (4), (5) and (6).

After a successful turnaround project for the industrialized firm Aker in the first parts of the 80s, which involved a change in focus from ship building to oil platform construction, the client won a large offshore contract in the North Sea (7), resulting in that the corporate value doubled in value at the Oslo Stock Exchange (8). The Aker project led to other prestigious assignments such as within Den norske Creditbank (DrnC), Elektrisk Bureau and the Norwegian National Bank (9).

Degree of autonomy with other local offices: The Oslo office had a high degree of autonomy in its relationship with other local offices. For example, when Norwegian banks started their expansion on the US market in the mid-80s, the Oslo office assisted their clients with a helping hand from their American colleagues (10).
5.1.2. Second category: Local firms that were later bought by international management consulting firms. The locally-based firms Hartmark-Iras and IKO managed to perform well, due to a great ability to customize services domestically (24)-(30). Hartmark-Iras and IKO tried to establish alliances with foreign management consulting firms, with moderate success (31), (32).

5.1.3. Third category. Coopers & Lybrand and Ernst and Young moved into top management consulting in the late 80s (33), (34). In this field, large contracts in the public sector were won, such as the state railways and in post services (35).


McKinsey continued as the only pure strategy firm (first category). PA and Gemini Consulting took an active part in strategic management consulting after buying the local firms Hartmark-Iras and IKO (second category). Also, the original auditing firms Coopers and Lybrand, and Ernst and Young took active steps into top management consulting (third category).

5.2.1. First category: McKinsey as an example of a pure strategy practice. The degree of autonomy became higher, both in the relationship with clients and with other local offices.

Autonomy in the relationship with clients. The Oslo office continued to operate with a high degree of autonomy in their relationship with clients, due to an increased reputation within leading firms with financial services and offshore (11), (17), (31).

McKinsey expanded the client base by moving into public sector consulting (18). Management consultants could charge almost as high fees in the public sector as in the private sector (11). McKinsey helped to restructure the Norwegian Postal Bank and the State Railways (32)-(34).

Autonomy in the relationship with other local offices. The Oslo office continued to operate with a great degree of autonomy in its relationship with other local offices. The Oslo office played a main role when Norwegian banks losses at international markets were investigated (17), (31).

Formal means of interdependence. As markets became increasingly international, it became more desirable for local offices within the management consulting profession to use formal means of interdependence (31), (34), (35). This trend continued when the merger between Finland’s largest bank Merita and the Swedish bank Nordbanken occurred. This event marked the starting point of a wave of mergers and acquisitions over Scandinavian borders in many industries (34)-(42).

Leading companies consider the Scandinavian region as their home market. The languages, legal systems and technologies are similar throughout the region, making it possible for the McKinsey’s local offices to use formal means of interdependence (43), (45). However, cross-border cooperation is a potential source of problems, as Scandinavian countries are rivals in international business, for instance, in heavy industries and telecommunication (47)-(50). Norway’s situation is special, as there has been traditionally a negative outlook on foreign ownership, not always well understood in the international business community.

Corporate services. McKinsey has a central office for coordination of corporate services (31), (49). In smaller offices, such as the one in Oslo, such initiatives are rare (31). Local offices do not pay for such services (31). The local offices are free to decide how to use such services (31).

Use of cultural means of control. In the 90s, McKinsey continued to place a strong emphasis on cultural means of control through the use of
internalized norms for dealing with clients and professionals (15).

**A sense of ownership over intangible resources.** The client base grew larger, resulting in more prestige within the management consulting group. This led to a great degree of ownership over client relationships (31). However, when it comes to ownership over financial resources, the influence was limited an international partnership committee played a major role (11), (31).

5.2.2. **Second category: PA Consulting and Gemini Consulting.** PA Consulting and Gemini Consulting offered positions to former consultants from Hartmark-Iras and IKO, making it possible to use their contacts in order to win assignments.

**Autonomy. Autonomy with clients.** PA Consulting had a great degree of autonomy in tailoring services to client needs, for example, in the fishery industry. PA Consulting’s reputation grew in the local business community (54)-(61), due to an ability to combine general management principles with hand-on use of information technology (58), (59), (60).

**Autonomy in the relationship with other local offices.** The Oslo offices traditionally had a great degree of autonomy in their relationship with other local offices (59). However, this freedom was reduced, as an international structure was implemented in 1999, limiting the Norwegian office degree of control (59).

**Formal means of interdependence.** When PA Consulting bought Hartmark-Iras in the early 90s, the management consulting firm had 50 offices in 20 countries, but no common budget or computer system. Such a fragmented body of local offices limited the ability to take advantage of formal means of interdependence (71), (72). Over the years, local offices cooperated more due to initiatives from headquarters, in general, limited the regulation to internal pricing (59), (59), (73).

**Corporate services.** Due to coordination problems between local firms in the early 90s, it took time before the Oslo office could develop an efficient system for corporate services (70), (73), (76). Over the years, a more formal system was implemented regulating the use of corporate services and the use of information technology (58), (59), (76).

**Cultural means of control.** Due to success with local assignments, the Oslo office had a strong position within the consulting group in the sense that local consultants manage to service clients in a satisfactorily way, local offices might be given a greater degree of control over intangible resources (59). The office is free to decide how to use corporate services. The Oslo office does not have to pay for corporate services (7). However, the Oslo office had little sense of ownership over financial resources generated locally (7).

5.2.3. **Third category: Auditing firms Coopers & Lybrand and Ernst & Young ambitions in top management consulting.**

**Autonomy. Degree of autonomy in the relationship with clients.** The management consulting firm had a great degree of autonomy in questions concerning which clients to serve, and how to deliver such services. Gemini Consulting wished to focus the resources on few large clients, leading to success by focusing on the large telecommunication firm Telenor (65), resulting in that the consulting firm won other assignments (67)-(69). Gemini Consulting had a great degree of autonomy in determining fees in these contracts (61), (62).

**Degree of autonomy in the relationship with clients.** The firms had a great degree of autonomy in tailoring services to meet local needs (88), (89) partly due to having established sub-offices spread across Norway (77).

A large strategic cost accounting contract in the telecommunication group Telenor can be regarded as a breakthrough for Coopers&Lybrand (77), (88), (89). Based on insights gained through the Telenor contract, it was possible to tailor making services to the postal system, the electricity industry and in the state-run railway (27). Ernst and Young won a comprehensive contact for the state-run railways after the client had lost market shares, leading to other assignments in the public sector (78), (80), (89).

**Formal means of interdependence.** Formal means are probably used to a lesser extent, per se, than in many other management consulting firms due to the local nature of their business (87).

The introduction of the bonus card Smart for the oil company Fina in 1991 marked Coopers&Lybrands first careful steps into international markets (87), leading to more formal means of interdependence in the management consulting firm (89).

Ernst & Young was engaged in formal means of resource sharing internationally. When Oslo gained a new international airport in October 1998, Ernst and Young helped to estimate the revenues for a private railway connecting the airport with downtown Oslo and the suburbs (85), (86), using international experiences as a benchmark (87).

**Corporate services.** The study suggests that Coopers & Lybrand and Ernst and Young have extended the use of corporate services (1), (89). While Ernst and Young’s local offices have to pay for corporate services, this was not the case for Coopers&Lybrand (1), (89).

**Cultural means of control.** Both Coopers&Lybrand and Ernst & Young use cultural means of control in their relationship with local offices, for instance,
internalized norms as to how client contact can be carried out (88), (89).

Ownership over intangible resources. Consultants in the firms feel a great sense of ownership over intangible assets generated at local offices. This might be due to the fact that the firms’ assignments traditionally have been local in nature, giving consultants a desire to protect client relationships and consulting knowledge (88), (89), (90).

6. Discussion

We introduce the business federation as a new organizational form.

We believe that the business federation can be regarded as an alternative organizational form, as it tries to answer how local offices operate within an international network. The business federation breaks fundamentally with a traditional organizational logic, as it builds its reasoning on a strong belief in entrepreneurship at the local level, and that head office is only allowed to execute certain tasks after the local offices have given the permission.

We introduce a building block system in order to illustrate how management consulting firms can use insights gained from the business federation.

Our findings show that the sampled management consulting firms operate reasonably close to principles of the business federation defined through the use of selected design parameters. The findings support the claim that the sampled firms have moved closer to principles of the business federation. However, the conclusions provided can only be partial and preliminary as a result of a relatively small sample size.

A main contribution of the study is an attempt to operationalize the business federation through the use of building blocks. We believe that the selected number of building blocks might give a reasonable good description of federalist behavior, even if future research might stress the need to include other blocks, such as twin citizenship and governance mechanisms. The research does not support the extended claim that companies become more bureaucratic as they get older. Rather, management consulting firms operate under a different logic where the business federation can be used as a path. We argue that management consulting firms may reach a federalist form in advanced stages of organizational evolution.

Using a bottom up perspective in order to tailor-make services, we argue that craftwork becomes more important in the knowledge society in the sense that it is critical that it is possible to tailored make services to carefully targeted market segments.

At the same time, there is a growing awareness of the severe limitation imposed upon rational decision making, as is does not adequately attend to the limited information handling with respect to decision making. We believe that the recognition of bounded rationality and the limited validity of classical economic decision models are essential for coming to grips with the philosophy behind the business federation.

Conclusion

Management consulting firms need to achieve the benefits of adaptability and efficiency. Such firms seem to go further along the avenue to decentralization leading us to believe that certain companies can become federated. The business federation is not the only path. Some companies are retaining high degrees of centralization as they expand globally, but we suggest that the trend is moving in the direction proposed in this study.

Since the research took place, the business environment has changed dramatically with the financial crisis starting in 2008. Businesses are not growing, profits are under pressure, and shareholders and clients seen to be more demanding than ever. We are of the opinion that research on management consultants can focus on how client portfolios can grow, helping in the recovery of the economic situation with a focus on entrepreneurship.

More than six decades ago, Schumpeter (1949) described entrepreneurial activities as being essentially a chaotic process suggesting that “the entrepreneur destroys the equilibrium with a penitential gale of creative destruction”. Over the ensuring decades since Schumpeter’s contribution, researchers have struggled to come to grips with the entrepreneurial activity within the constraints of the conventional, Newtonian paradigm. They have attempted to apply approaches that assume linear, equilibrium tendencies to phenomenon that are intrinsically non-linear and unstable. With turbulence, disorder and increasingly rate of change, rather than interspersed, isolated incidence, traditional models may be inadequate in dealing with a more complex and turbulent business environments.

Future research might benefit from linking the business federation to chaos theory, moving the management thinking from a reductive perspective to a holistic one (i.e., Stacey, 2000), focusing on entrepreneurial processes at the local levels. In a business environment with increased complexity and turbulence, markets can became increasingly instable, leading to that small changes in knowledge, technology and globalization can result in dramatic strategic changes within organizations, based on the butterfly concept described by Lorentz (1992) and Waldrop (1992) in the chaos theory literature. Insights on butterfly effects can give more theoretical insights and understand better how management consulting firms take advantage of business opportunities.
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81. Go together to arrange a safe Olympic, Article in Dagens Næringsliv 3rd of December 1991.

82. Interview with managing partner Mr. Lars Henriksen 9th of February 1997 in Anderson Consulting offices in Oslo. Follow-up interview 19th of May, 1997.


84. Interview with Mr. Per Krosby-Mathisen of Coopers & Lybrand was conducted by phone 18th of November 1998.


86. Telephone interview with ex-management consultant Ms. Sandra Hovland PA Consulting, 16th of November 1998.


89. Interview with partner of Ernst & Young Steinar Simonsen 15th of June 1998 in his Oslo office.