

1 **What drives the evolution of Corporate Social Responsibility strategies? An institutional logics perspective**

2 Arena, M., Azzone, G., Mapelli, F. (*)

3

4 Marika Arena

5 marika.arena@polimi.it

6 Department of Management, Economics and Industrial Engineering, Politecnico di Milano

7

8 Giovanni Azzone

9 giovanni.azzone@polimi.it

10 Department of Management, Economics and Industrial Engineering, Politecnico di Milano

11

12 Francesca Mapelli (*) corresponding author

13 francesca.mapelli@polimi.it

14 Department of Management, Economics and Industrial Engineering, Politecnico di Milano

15

16 **Abstract**

17 This paper moves from the idea that the term Corporate Social Responsibility (CSR) refers to an “umbrella”
18 concept entailing a diversified set of practices through which a company aims to meet the expectations of a
19 broad range of stakeholders. This concept implies that there is a need for companies to disentangle the
20 complex relationships among their social obligations and to define CSR strategies that are actually effective
21 and efficient. Therefore, this paper aims to identify the dimensions along which CSR is evolving and the
22 pressures that can explain companies’ positioning in relationship to these dimensions in order to provide
23 managers and academics with a comprehensive framework. Grounded on an institutional perspective and
24 specifically on the concept of institutional logics, a framework of the contextual factors that influence
25 companies’ choices with respect to CSR strategies is developed. The proposed framework is then used to
26 analyse the case of a multinational energy company that has significantly redefined its CSR strategy over
27 time, thus tracing the influence of different institutional pressures. The case analysis illuminated three main
28 types of responses to tensions emerging between different pressures: focusing on one prevailing logic;
29 hybridizing practices to balance contrasting logics; and decoupling initiatives to answer ‘in parallel’ to
30 different pressures. Therefore, the paper contributes to the CSR literature investigating the relevance of the
31 concept of institutional logics for the topic and can also support managers in shaping CSR strategy.

32

33

1 **Keywords**

2 CSR; drivers for evolution; energy sector; institutional logics.

3

4 **Word count:** 10812

5

6 **1. Introduction**

7 In the current competitive context, Corporate Social Responsibility (CSR) has become a pervasive
8 phenomenon: it is a strategic theme for business managers (Campbell, 2007; Castelló and Lozano, 2009), a
9 policy issue for governments and policy makers (Steurer et al., 2012) and a popular topic of research for
10 academics in different disciplines (Basu and Palazzo, 2008; Campbell, 2007; Lindgreen and Swaen, 2010).
11 Nevertheless, there is not just one shared interpretation of CSR, and this term does not refer unequivocally
12 to a coherent set of practices (Crane et al., 2015; Varga, 2015); instead, it is more of an “umbrella concept”
13 that includes a broad variety of activities. CSR practices may range from the contribution to the activities of
14 local communities (e.g., donations) to the adoption of inclusive and progressive human resource
15 management practices (e.g., gender diversity, employee empowerment) to the incorporation of
16 environmental or social characteristics or features into production processes and products (e.g., renewable
17 energies and energy-efficiency-based technologies) (Su et al., 2016; Wang et al., 2016(a); Zeng et al., 2017(a);
18 Zeng et al., 2017(b)).

19 The concept dates back to the 1950s, when authors such as Bowen (1953) addressed it in terms of
20 businessmen’s fulfilment of their obligations to society. The first definitions were followed by several
21 refinements that specified and further developed the concept of CSR, with reference to the ideas of
22 responsiveness to stakeholders’ claims (Carroll, 1979), including operational and strategic CSR (Drucker,
23 1984; Lee, 2008) and shared value (Porter and Kramer, 2006). Nevertheless, despite the variegated
24 definitions of CSR that have been posited over the last 60 years, one feature is recurrent and transversal to
25 different conceptualizations – i.e., the existing link between CSR and the set of values that are dominant in a
26 certain context and time.

27 This consideration has an obvious impact on how companies formulate and deploy their CSR strategies.
28 Companies must understand the expectations that they can either answer or anticipate and design their CSR
29 practices by choosing between a wide range of alternatives. This implies that in order to define and
30 implement more effective and efficient CSR strategies, there is a need for companies to disentangle the
31 complex relationship between the contextual factors and the environmental pressures that shape the social
32 obligations to which they are subject and the characteristics of the CSR activities they may put in place. This
33 relationship has not been fully explored in the literature, as testified by some recent calls about the need to
34 create awareness about CSR activities and what informs them in the composite European business

1 environment (Maon et al., 2015), leading to the objective of this paper. In detail, this paper aims to identify
2 the dimensions along which CSR is evolving and the pressures that can explain companies' positioning in
3 relationship to these dimensions in order to provide managers and academics with a comprehensive
4 framework. To achieve this aim, the paper is grounded on an institutional perspective, referring to the
5 concept of institutional logics (Friedland and Alford, 1991) to address the contextual factors that influence
6 companies' choices with respect to CSR practices.

7 The rest of the paper is organized as follows. Section 2 introduces the theoretical lens that is used in this
8 study and presents the conceptual framework that relies on the analytical instrument of ideal types. Section
9 3 describes how empirical data were collected and analysed. Then, in Section 4, the ideal types are used to
10 interpret the CSR strategy of a large multinational company competing in the energy sector. Finally,
11 discussion and conclusions follow in Section 5.

12

13 **2. Theoretical perspectives**

14 *2.1 The evolution of the CSR concept*

15 The origins of the CSR concept date back to the 1950s, when Bowen published a book entitled "Social
16 Responsibilities of the Businessman", which credited him as the founder of modern CSR (Carroll 1999; 2008).
17 In this publication, Bowen provides the first definition of social responsibility as "the obligations of
18 businessmen to pursue those policies, to make those decisions, or to follow those lines of action which are
19 desirable in terms of the objectives and value of our society" (Bowen, 1953, p. 6). This first definition paved
20 the way for a series of refinements and redefinitions that enriched and modified the concept of CSR (for a
21 complete review of the evolution of the definitions of CSR, please see Carroll 1999, 2008, and Lee, 2008). The
22 original idea was somehow related to the notion of stewardship because the separation between ownership
23 and control in large corporations empowers managers with the responsibility of serving the interests of other
24 constituencies (Berle and Means, 1930). Then, subsequent definitions lead to a progressive enlargement of
25 the associated functions, in line with the awareness of the broader impact that business has on society.
26 Reference is made to the ability of a company to respond to its stakeholders' claims (Carroll, 1979) and to
27 have "beneficial rather than adverse effects on pertinent corporate stakeholders" (Epstein, 1987, p. 104).

28 Beginning in the 1990s, the concept was further broadened with the formulation of the idea of strategic CSR,
29 according to which organizations intentionally leverage sustainability to gain potential competitive
30 advantages while addressing the interests of their stakeholders (Drucker, 1984; Lee, 2008). This concept was
31 further developed by Porter and Kramer (2006) with the idea of shared value, which stresses the existence
32 of synergies among the components of the triple bottom line and highlights how the integration of

1 sustainability within core business activities leads to “greater economic value and broader strategic benefits
2 for all participants” (Porter and Kramer, 2011, pp. 5).

3 Along this path, new labels have often been introduced to highlight the emergence of slightly different or
4 new conceptualizations of CSR (e.g., corporate citizenship, corporate sustainability, and shared value).
5 However, new ideas have not typically replaced prior concepts but continue to coexist with them, resulting
6 in a lack of clear boundaries between old and new conceptualizations. Furthermore, despite the
7 heterogeneity of the definitions that have been carved out, the fundamental link between CSR practices and
8 the set of values (and related expectations) that are dominant in a certain context/time is recurrent and
9 common to different conceptualizations. This recurrent feature develops the idea of a dynamic nature of CSR
10 that should answer to the diverse requirements put forth by society.

11 From this perspective, the big revolutions that have invested in and reshaped the current business
12 environment – globalization (Albrow and King, 1990), digitalization and the so-called industry 4.0 (Brettel et
13 al., 2014) – have dramatically changed the social requirements with which companies must comply.
14 Globalization has exposed corporations to heterogeneous social, cultural and political values, whereby they
15 operate in complex environments characterized by diversified and potentially contradictory social demands
16 (Palazzo and Scherer, 2006). Digitalization has made the organizational boundaries more permeable to
17 community influence, with information flowing from company to community and vice versa in a very short
18 time (Aula, 2010; Post, 2000). Industry 4.0, with increasing trends towards automation and data exchange in
19 manufacturing technologies, has posed new challenges (along with business opportunities) related to the
20 interaction between human and non-human actors (Decker, 2017; Wang et al., 2016(b)).

21 In order to analyse the impact of the changes of the set of values and expectations of the surrounding context
22 on companies’ CSR strategies, an institutional approach is employed. Indeed, this view is intimately
23 connected to the idea that CSR is shaped by societal expectations whereby the expectations of society are
24 naturally entrenched in institutions.

25 *2.2 Institutional perspectives on CSR strategy*

26 This paper relies on the concept of institutional logics that was first formulated by Friedland and Alford
27 (1991). In their work, the authors identify the core institutions of a society as the capitalist market, the
28 bureaucratic state, families, democracy, and religion. They assert that each institution has a central logic that
29 constrains both the means and ends of individual and organizational behaviour. Later, Thornton (2004, p. 12)
30 further developed this idea stating that “society is comprised of multiple institutional orders or societal
31 sectors, each of which has a central logic-both material practices and symbols that comprise its ongoing
32 principles and that are available to individuals and organizations to elaborate.” The main institutional orders

1 identified by Thornton (2004) are the market, the corporation, the professions, the family, the religions, and
2 the state; Thornton et al. (2012) added community to this list.

3 A key aspect of this perspective is that the influence of any of the central institutions may be felt across
4 industries and fields, although with differences in the relative influence they have within a particular setting
5 (Greenwood et al., 2010). Prior studies that embrace this perspective highlight that even when less prevalent
6 logics have only a localized or weak influence, practices prescribed by different logics are in place. For
7 instance, Thornton (2004) shows the effects of interplay of an editorial logic and market logic in the U.S.
8 publishing industry. Greenwood and Suddaby (2006) show the influence of market, professional pressures
9 and family pressures in audit and law firms. Vurro et al. (2011) highlight the interplay of market- and policy-
10 oriented logics in explaining different characteristics of cross-sector social partnership. This interplay of
11 multiple institutional pressures means, in the words of Greenwood et al. (2010), that “organizations confront
12 institutional complexity” (Greenwood et al., 2010, p. 2).

13 As follows, we rely on the concept of multiple institutional logics to explain the heterogeneity of companies’
14 positioning with respect to the dimensions along which CSR is evolving and define an overarching framework
15 to support the understanding of the influence of different institutional orders on CSR strategies.

16

17 *2.3 Logics multiplicity in the elemental categories of CSR strategy*

18 In order to understand how different institutional orders influence companies’ CSR strategies, the research
19 builds on the analytical approach proposed by Thornton and colleagues, which relies on the concept of ideal
20 types (Freidson, 2001; Goodrick and Reay, 2011; Thornton, 2004; Thornton and Ocasio, 2008). The paper
21 follows this approach since it is recognized to be useful for disentangling “multiple patterns of constructs and
22 nonlinear relationships that determine the dependent variable” (Thornton, 2004, p. 25). In particular, it
23 enables the systematic analysis of empirical variations providing a “tool to interpret cultural meaning” based
24 on the comparison of empirical data with the ideal type (Thornton, 2004; Thornton & Ocasio, 2008, p. 119).

25 The use of ideal types is based on the definition of formal analytical models – i.e., typologies – that are
26 represented through a matrix in which the X-axis outlines the institutional orders or logics that are relevant
27 in a specific context (e.g., family, state, market...) and the Y-axis represents the related elemental categories
28 or building blocks. The contents of the cells created by combining the X and Y-axis represent cultural symbols
29 and material practices particular to each order (Thornton et al., 2012, p. 54) – i.e., provide a representation
30 of the expected “behaviour” of each logic.

31 Accordingly, in this study, the ideal types were developed basing on prior research and theory in the field of
32 CSR. To this aim, the institutional orders that are relevant in the specific setting were first defined as the
33 market, state, community and profession. Given that corporate logic and market logic are intimately related

1 and their expected behaviours are blended and blurred (Currie and Spyridonidis, 2016; Thornton et al., 2012),
2 they are not disaggregated in this paper.

3 Then, the elemental categories were defined in terms of CSR's main evolutionary lines. Despite the significant
4 body of literature on the topic, no shared taxonomy of the dimensions that characterize a CSR strategy was
5 available and different authors have used different terms to refer to different issues. Hence, in order to select
6 the elemental categories, a literature review was performed, identifying the recurrent topics and paying
7 particular attention to the elements of nonlinear evolution (i.e., elements that are recurrent despite being
8 characterized by high variability in terms of content, tools and configurations). The elemental categories that
9 were identified based on this process include balancing the relationships between CSR objectives, system
10 boundaries, stakeholder engagement, collaborations and alliances, accountability and reporting. The
11 heterogeneity of results reported by other scholars in connection to these elemental categories suggested
12 that related CSR dynamics might be explained well by the influence of different institutional logics. In the
13 following paragraphs, the elemental categories are presented by building on the previous literature and then
14 analysed in connection with institutional orders.

15 The balancing and relationships between CSR objectives concerns the relative weight of economic,
16 environmental and social performance, and their reciprocal influence and relationship. Prior research
17 highlights that the relative importance and the relationships between different dimensions of sustainability
18 have changed over the years, with environmental and social goals assuming more prominence than they
19 have in the past. This re-balance has led to the emergence of hybrid organizations, which Battilana et al.
20 (2012) propose as an aspirational model in which each activity simultaneously creates economic and social
21 value (Battilana et al., 2012; Montabon et al., 2016). Nevertheless, it is clear that there is not a unique
22 position considering if and how a prioritization between different performance dimensions is necessary,
23 desirable or, in contrast, detrimental (Porter and Kramer, 2006; Visser, 2010, 2012; Hahn and Figge, 2015).

24 System boundaries refer to the geographical and time span along which the effects determined by a company
25 activity are considered. In this respect, the literature has given increasing attention to the concepts of the
26 life cycle and extended value chain, with the inclusion of both direct and indirect effects (Porter and Kramer,
27 2006, 2011; Visser, 2010; 2011; 2012). Still, the definition of these boundaries is complex, and companies'
28 strategies are variegated in practice (Ny et al., 2006; Hahn and Figge, 2015).

29 Stakeholder engagement is understood as those practices an organization undertakes to involve stakeholders
30 in its activities. A substantial stream of research highlights a clear trend towards "more" involvement – i.e.,
31 more stakeholders involved, in an anticipated manner, taking on extended roles (Athanasopoulou and Selsky,
32 2015; Evan and Freeman, 2004). However, prior research also cautions from the "more is better" view,
33 highlighting that the relationship between engagement and CSR is complex and multifaceted, as a great deal

1 of involvement does not necessarily mean that a company is behaving in a responsible way and vice versa
 2 (Greenwood, 2007).

3 Collaborations and alliances refer to different forms of partnerships with other organizations, such as
 4 educational institutions, international and local development organizations, NGOs and social enterprises.
 5 Recent research has pinpointed how they could help large firms to gain authority, add competences, and
 6 increase legitimacy, particularly in local contexts (Di Domenico et al., 2008; Sharp and Zaidman, 2010;
 7 Spitzack et al., 2013; van den Buuse, 2012), even though the way these collaborations could be defined and
 8 how they work is subject to high variability (Jamali and Keshishian, 2009).

9 Lastly, accounting and reporting refers to how a company measures and reports its economic, environmental
 10 and social performance. Even if the idea that a company should measure and account for more than just its
 11 economic performance can be now taken for granted (Junior et al., 2014), significant differences remain
 12 between companies with regard to the approaches used to address sustainability reporting and the content
 13 and quality of reports (Fortanier et al., 2011)

14 As previously anticipated, the combination of the institutional orders (X-axis) and the elemental categories
 15 (Y-axis) provides a representation of the expected “behaviour” of each institutional logic, as reported in Table
 16 1.

17 **Table 1: Ideal types of CSR strategy**

	Market	State	Community	Profession
Balancing and relationships between CSR objectives	Profit maximization and instrumental approach	No prioritization Respect for relevant laws and regulation Focus on contribution to public good	No prioritization Focus on the impact on (local) communities	Shared value and Triple Bottom Line No trade-offs and tensions
System boundaries	System boundaries are set by the company’s operations and its reference market	System boundaries are set by the countries / areas where the company operates	Geographical boundaries and / or common activities and beliefs	System boundaries are guided by the concepts of extended value chain and lifecycle
Stakeholders’ engagement	Selected stakeholders (in particular the powerful ones) with the aim of furthering the goals of the organization	Legitimate stakeholders	Interested communities (without differentiation between legitimate / non-legitimate, powerful / non-powerful)	Legitimate and powerful stakeholders

Collaborations and alliances	Strategically selected collaborations and alliances	No specific requirements	Collaborations and alliances with actors involved in the community	Collaborations and alliances with actors affiliated with the “professional” network
Accountability and reporting	Legitimacy and reputation management	Compliance with mandatory disclosures	Monitoring of issues that are relevant to the community	Compliance with guidelines, standards and best practices (GRI reporting)

1 As shown in the above table, the market logic assumes a prioritization between different corporate
2 objectives, whereby economic results are prioritized over environmental and social results and companies
3 are guided in defining their CSR strategies by the “business case” for CSR. Hence, organizations’ responses to
4 social and environmental challenges are instrumental and are framed around how firms can benefit
5 financially from addressing societal concerns (Carroll and Shabana, 2010; Gao and Bansal, 2013). In this logic,
6 the boundaries of the system are set based on the reference market and its expectations. The stakeholders
7 that are engaged are strategically selected with the aim of furthering the goals of the organization as a vehicle
8 for achieving the organization’s own interest (Greenwood, 2007). Similar considerations are applied to
9 collaborations and alliances that, according to the market logic, are driven by the search for increased
10 legitimacy and positive reputation effects (Currall and Inkpen, 2002; Oliver, 1990; Stuart, 2000). Finally,
11 within a market logic, corporate social accounting and reporting are strongly interconnected with reputation
12 management processes (Bebbington et al. 2008; Hogan and Lodhia, 2011). Sustainability reports serve as a
13 marketing instrument for clients and stakeholders that could exert power over the company.

14 The state logic assumes no prioritization between different dimensions but, first of all, compliance with laws
15 and regulations that emanate from regulatory bodies at different levels in the field of CSR (local, national,
16 and international) and have a variety of forms (formal, binding law, and recommendations with no legal
17 standing) (Buhmann, 2006). These regulations may be concerned with the prevention or mitigation of
18 negative effects associated with a company’s activities (e.g., environmental pollution) or the respect of
19 shared principles (e.g., human rights, labour) or may set some minimum requirements about the expected
20 contribution of the company to society (as in the case of regulations concerning local content in developing
21 countries). The latter element is particularly relevant in the state logic, even in the absence of regulation,
22 recalling the idea that corporations may, and somehow are expected to, assist a government in fulfilling
23 welfare goals and producing an economic effect at the local, regional or country levels (Crilly et al., 2016).
24 The identification of the regulations that are relevant for a specific organization is typically related to where
25 it carries out its operations – e.g., a global company is subject to both local and international regulations,
26 whilst a local company characterized by a local supply chain is subject predominantly to the regulation of the
27 country in which it is based. The state logic pays particular attention to legitimate stakeholders with whom a

1 company is bounded by a contract or due to a moral obligation (Fortanier et al., 2011). Considering
2 accounting and reporting, governments in different countries are setting stronger requirements for
3 companies to be accountable for their social performance (consider, for instance, the EU directive concerning
4 non-financial reporting or disclosure requirements concerning local content).

5 The community logic focuses specifically on the contribution of a company to the communities with which it
6 interacts and it influences. The term “community” originally had a clear geographical connotation referring
7 to a territory and a social action that is not restricted to the satisfaction of the communal economy’s common
8 economic needs. Later on, due to the advent of digitalization, the geographical connotation was replaced by
9 sharing common activities and beliefs and expansion to communities driven by ICT technologies (Thornton
10 et al., 2012). In this case, the boundaries of the system are determined by the boundaries of the interested
11 communities (which can be diversified). The stakeholders involved are community members, without a clear
12 distinction between legitimate/non-legitimate and powerful/non-powerful stakeholders. Similarly
13 collaborations and alliances are naturally foreseen for actors that are part of the community, such as local
14 associations or international associations interested in or related to a specific local community. Like concerns
15 accounting and reporting, community logics stress the relevance of measuring and monitoring sustainable
16 development issues that are important to local communities and evolve over time as communities become
17 engaged and circumstances change (Bengo et al., 2016; Reed et al., 2006; Riley, 2001). Additionally, the
18 methods used to collect, interpret and report data should be easily and effectively used by non-specialists so
19 that local communities can be active participants in the process (Reed et al., 2006).

20 The professional logic relies heavily on concepts such as shared value, a triple bottom line, assuming the lack
21 of a prioritization between environmental, social and economic objectives and even denying tensions and
22 trade-offs between them (Crane et al., 2014), as well reflected in the mission and guidelines provided by
23 several professional associations that have emerged in the field of CSR and sustainability (e.g., CSR
24 associations and sustainability management associations) and that are becoming an important normative
25 reference group serving as a guideline for individual practitioners, such as CSR managers, sustainability
26 managers, and environmental managers. Accordingly, in the professional logic, the system boundaries are
27 defined coherently with the concepts of extended value chain and lifecycle and stakeholder engagement
28 processes are expected to balance stakeholders’ legitimacy and power (ISO, 2017; UNIDO, 2009). The
29 professional logic drives companies to adhere to international reporting frameworks such as those proposed
30 by the Global Reporting Initiative (GRI, 2017(a); Fuente et al., 2017), whose latest version, which is called GRI
31 Standard, was released in 2016 and is expected to become the global reference standard by the end of 2018,
32 thus replacing the previous G4 guidelines (GRI, 2017(b)). Other reference frameworks are the integrated
33 reporting (IIRC, 2017), as well as assurance frameworks based on verification standards such as ISAE 3000
34 (IFAC, 2017) and AA1000 AS (AA1000, 2008). In this way, the professional bodies take on a role that is similar

1 to that of public accounting companies in relationship to financial reporting, providing assurance to a broad
2 range of stakeholders about the credibility of the information disclosed by companies.

3

4 **3 Data collection and analysis**

5 The ideal types introduced in section 2.2 have been used to interpret the case study of a large multi-national
6 company competing in the energy industry. The case company, labelled Alpha for confidentiality reasons,
7 has been selected specifically because it must address a large degree of institutional complexity (Greenwood
8 et al., 2010). It was founded as a state company in the 1960s and became a private company in the 1990s,
9 even though the Italian State still participates. Alpha operates in over 30 countries, producing and distributing
10 electricity and natural gas to approximately 60 million users. Their power stations range from thermoelectric
11 ones to renewables and to nuclear ones. Starting from mid-1990s, Alpha has been investing in improving its
12 environmental performances and in building robust relations with the interested local communities.
13 Specifically, great attention has been devoted to CSR dedicated to internal stakeholders (i.e., policies for
14 employees welfare) and to increase electricity production from alternative sources and energy efficiency. In
15 addition, in the last few years, after the turnover among top managers, Alpha has begun to significantly
16 increase the investments to improve its sustainability by referring to internationally recognized theoretical
17 frameworks (i.e., shared value), redefining the company core values and the internal organization. The case
18 company is studied concerning its CSR strategies implemented from 1996, the date of the first environmental
19 report published on its website, to today.

20 Data about Alpha were collected by combining different sources, including semi-structured interviews with
21 company representatives, direct observations, and archival and documental analyses to triangulate data and
22 verify results. The interviews were carried out between 2015 and 2017 and included 15 informants, including
23 both managers directly involved in key strategic processes and in CSR activities and other managers or
24 employees not directly involved in those activities (Table 2). To prepare the interviews, the company website,
25 documents publicly available or provided by the firm itself were examined. Then, the interviews were
26 articulated around the above elemental categories and their evolution over the years. Particular attention
27 was paid to explore the motivations of the choices made by the company in order to trace the influence of
28 different institutional orders. All the interviews, which lasted between one and two hours, have been
29 recorded and transcribed and the transcripts were manually coded. Data collected through the interviews
30 were triangulated with information taken from the sustainability reports, public sources, and internal
31 documents. In order to avoid recall bias and to overcome the lack of previous interviews (i.e., carried before
32 2015), particular attention was paid to the analysis of the environmental and sustainability reports of
33 previous years and other documental sources (internal documents, press releases, and newspaper articles).

1

2

3 **Table 2: Data sources**

Type of source	Type of source
Interview	Chief Executive Officer
Interview	Head of Sustainability Projects
Interview	Head of Sustainability Planning and Performance Management
Interview	Head of Risk Management
Interview	Head of Financial Control
Interview	Junior Financial Control
Interview	Head of Marketing – Italy
Interview	Head of Marketing and Supply – Italy
Interview	Senior Marketing and Supply – Italy
Interview	Head of Business Development
Interview	Senior Business Development
Interview	Head of Communication
Interview	Head of Digital Communication
Interview	Legal office
Interview	Manager for Communication of Sustainability, Alpha Foundation
Direct observation	Participation to project meetings (related to the field of CSR)
On-line sources	Websites
On-line sources	Sustainability reports from 2002 to 2016 (latest published)
On-line sources	Environmental reports from 1997 to 2001
Archival documents	Other reports produced by the company (internal policies and guidelines)
Archival documents	Press released from 2002 to 2017

4

5

6 **4 The case of Alpha**7 *4.1 The evolution of Alpha CSR strategies under institutional pressures*

8 In the following, we analyse the evolution of CSR in Alpha in connection to the five elemental categories
9 identified in the ideal types and highlight the institutional logics that can explain Alpha's choices. The
10 different institutional logics clearly coexist in this case over the whole timeframe analysed; however, in
11 different periods, the influence of some institutional order is more evident in shaping the CSR strategy than
12 others. In order to present the case, we identified three different periods in which the pressures to which
13 Alpha is subjected appear more homogenous. The first period is between 1996 and 2001, while the second
14 one is between 2001 and 2009, and finally, the last is from 2009 to today.

15

16 *Balancing and relationships between CSR objectives*

17 Although sustainability has always played a relevant role in the company's public discourse, the balancing of
18 objectives and their relationships changed significantly over time.

1 In the first period analysed, the company addressed the sustainability issue mainly from an environmental
2 perspective. The environmental reports published from 1996 to 2001 aimed to offer evidence to institutional
3 stakeholders of the company's commitment towards environmental goals and demonstrating to local
4 communities the benefits that the company could bring. Indeed, the company claimed several times to be
5 highly attentive to "environmental protection", to "high environmental standards", and to the "evaluation
6 of environmental performance" (environmental reports from 1996 to 2001). It struggled to show the benefits
7 it brought to local communities. The reports frequently emphasize that the company is trying "to strengthen
8 [its] local rooting" and "to increase the relations with local communities". To reach these aims, many
9 environmental initiatives were delivered in joint collaborations with local institutions during those years. This
10 articulation of the public discourse suggests a prevalence of the community and state logics.

11 In the second period, after the liberalization process of the Italian electricity market in the early 2000s, the
12 market logic began to gain relevance. In the introductory letter to the 2002 sustainability report, the
13 President declared:

14 "Alpha aims to draw its own strategy inspiration not only from economic aspects but also even from
15 environmental and social ones, since we are fully convinced that it will contribute to preserving our
16 competitiveness and to increasing our brand reputation. Our final goal is still to assure, even over
17 the long term, value creation for our shareholders." (2002 Sustainability report)

18 In addition, the analysis of reports from the early 2000s, confirmed by the informants during the interviews,
19 highlights how Alpha management regarded socio-environmental goals as a crucial element of the company's
20 goals, which called for an "intense interaction with the society" (Alpha President), hence recalling a
21 community logic. Indeed, in all the analysed reports, at least one section was dedicated to the relations with
22 the local communities through an account of investments in projects for local communities.

23 At that time, the accomplishment of socio-environmental goals grounded mainly on a philanthropic approach
24 that the interviewees contrasted with what occurred in the last reference period.

25 "Today, sustainability in Alpha implies [multiple levels of operations, in which] the merely
26 philanthropic themes are referred to as our foundations [...] We have experienced a crucial change
27 of pace moving [from a philanthropic approach] to the 'creating shared value' one" (Head of
28 Sustainability Projects).

29 Beginning in 2010, the issue of the integration between sustainability and strategic objectives emerged in
30 both internal decision-making processes and in the company's public discourse, suggesting the prominence
31 gained by the market logic, even though the community logic is still present. To show the reasons behind this
32 shift, it is worth recalling what one of the informants said about Alpha's sustainability strategy:

33 "The deep change we are experiencing as a company is somehow pushed by the fact that the
34 external context is changing really quickly and deeply. So the energy paradigm is changing quickly

1 and deeply. For instance, our competitors are no more only other large utilities, now we are
2 competing even with Google. The world is completely different” (Head of Communication).

3 The trend of integrating socio-environmental objectives with the economic ones began in the environmental
4 domain as Alpha started to intensively invest in renewable energies, anticipating regulatory requirements. In
5 2015, this process led to the development of an integrated strategic plan in which environmental and social
6 goals were integrated with economic ones and were often presented as leverage to improve the economic
7 results.

8 “For Alpha, integrating sustainability in the strategic planning is doing business” (Manager for
9 Communication of Sustainability, Alpha Foundation).

10 The leitmotiv of the integration of sustainability with the core business of the company was presented as a
11 crucial element of the company’s strategy in both the reports and public declarations of Alpha’s top
12 management.

13 “Sustainability is integrated into the business model along the whole value chain and interprets and
14 translates the Group’s strategy into concrete actions” (2015 Sustainability report).

15 “Since we first presented our transformational strategic plan at the beginning of 2015, we followed
16 up with an accelerated update [...] Alpha is a more focused, efficient and profitable organization, as
17 the sustainable business model we built is bearing fruit with increasing momentum. [...] The whole
18 strategic plan is strictly linked with the achievement of four of the sustainable development goals
19 proposed by the UN” (Alpha CEO).

20 In this final period, the influence of the professional logic also became more evident. When explaining the
21 integration between sustainability and business objectives, the interviewees frequently referred to the
22 concept of shared value, presenting it as a blueprint of “advanced” CSR.

23 “Sustainability in Alpha is developed as a creation of shared value – a very strong shared value – that
24 is integrated within the business” (Head of Sustainability Projects).

25 “The integration of the ‘creating shared value’ model began with Conventional Generation and
26 particularly with Business Development, the first stage of the value chain, to then continue in the
27 subsequent stages of the realization and management of assets. [...] From the existing processes,
28 the program led to the application of ‘creating shared value’ instruments on 37 business projects,
29 establishing an integrated and modular model in which sustainability interacts with business, thus
30 translating into a competitive advantage” (2015 Sustainability report).

31 32 *System boundaries*

33 The system boundaries gradually enlarged over time, as clearly shown in the analysis of public reports. In the
34 beginning (i.e., 1996-2001), the only “area of interest” was Italy. Indeed, almost all projects shown in the

1 reports referred to the Italian territory. Moreover, almost all numerical data reported were concerned with
2 the Italian context. The decision to focus on the geographical area in which Alpha used to operate can be
3 explained as a result of the influence of the state and community logics.

4 Since 2002, Alpha began to enlarge its geographical span, as “the market for Alpha is Italy and increasingly
5 other countries where it is starting to operate” (2004 Sustainability report). The reports began to show
6 references to projects carried out in developing countries, such as investments in educational projects for
7 the sustainable development of the electricity sector. However, the main focus was still on the national
8 market, with most social initiatives targeting the communities with whom Alpha used to interact (and
9 representing its target market at that time).

10 Beginning in 2009, Alpha system boundaries were significantly enlarged, with growing attention paid to Africa
11 (where the company had not yet operated) and South America (where the company was already operating).
12 When managers were questioned about this choice, the influence of the market and community logics
13 emerged together as relevant drivers. The market logic posed at the forefront the need for the company to
14 connect its businesses to novel markets. From this perspective, the case of Africa is paradigmatic. Alpha has
15 supported the socio-economic development of some African communities, with the idea that they could
16 become new customers for the company itself. However, to do that, Alpha should invest in various sectors
17 that are considered essential to support the development of communities, such as the health sector or the
18 telecommunication communities, thus showing the relevance of community logics.

19 “There are 6 hundred million people in Africa who do not have access to electricity, and those are
20 the people who are currently still suffering from malaria and who are still dying from it. So health
21 experts believe we can finish off malaria in a lifetime but only if we electrify those communities. Who
22 is going to electrify those communities? It’s not health experts, it’s us... Once we have electrified the
23 community, what can we do with electricity? We can sell them things, such as washing machines”
24 (Head of Communication).

25 As a consequence, economic evaluations could no longer fail to consider socio-environmental aspects, as
26 reflected in the procedures used to estimate the potential impact of future projects under analysis. Similarly,
27 new models were defined to integrate extended value chain analyses (the influence of professional logics).

28 “If there is a new business opportunity [...] the Business Development team was used to carry out a
29 merely technical analysis of the context to bring it to the Investment Committee. On the contrary,
30 we have now developed a model [...] that allows you to develop a very in-depth analysis of the
31 context, which is not only a technical-economic analysis but also one that includes also all those
32 social and environmental aspects that are usually disregarded. Usually, you go there, see the
33 opportunity, but often, you do not care about the communities around it, you do not try to

1 understand who they are, which are their needs, and which are the possibilities for the development
2 on the long run. [...] However, this was no longer enough” (Head of Sustainability Projects).

4 *Stakeholders’ engagement*

5 Like other elemental categories, stakeholders’ engagement practices also evolved significantly over time.
6 During the first period, these practices were clearly underdeveloped and almost all references to
7 stakeholders’ engagement identified in the 1996-2001 reports dealt with institutions and customers. The
8 reports indicate that the primary objective of the company was the “communication with citizens and
9 institutions” (1997 Environmental report) to show them the benefits of Alpha’s environmental strategies.
10 Particularly, Alpha’s aim appeared to be ensuring its licence to operate and “to control the increased
11 sensitivity to environmental aspects of citizens” (1999 Environmental report), suggesting the prominence of
12 state and community logics.

13 In the early 2000s, when the first sustainability reports were issued, the attention dedicated to institutions
14 decreased while the attention devoted to local communities increased, suggesting the influence of the
15 community over the state logic. Several stakeholders engagement projects began to address local
16 stakeholders, trying to “strengthen the company relation with local communities” (2004 Sustainability
17 report). At the same time, shareholders gained prominence in comparison to previous years (market logic).

18 “Alpha has a deep interaction with the society and therefore aims to maintain and develop a robust
19 relationship of trust with its stakeholders; the shareholders in the first instance” (2002 Sustainability
20 report).

21 Later, beginning in 2009, communities’ engagement practices became more formalized, suggesting the
22 influence of the professional logic. In 2009, a materiality analysis was developed and reported for the first
23 time in the sustainability report. The centrality of the materiality analysis for Alpha stakeholders’ engagement
24 is justified by the following declaration:

25 “Our key point concerning stakeholders’ engagement at the group level, country level and
26 department level, is to use the materiality” (Head of Sustainability Planning and Performance
27 Management).

28 In recent years, Alpha has been developing an even more structured procedure for engaging with a larger set
29 of stakeholders not only ex post but even in ex ante phases of new project design and development:

30 “There are three phases: Mapping, Engagement, Management. [...] Usually, everybody just focuses
31 on the institutional stakeholder, which usually has short-term requirements, but those are not the
32 requirements of the other stakeholders, such as communities and local NGOs, together with whom
33 we work” (Head of Sustainability Projects).

1 Alpha initiated a bi-directional relation with local communities. At the time of the interviews, a digital
2 networking platform was under development to allow to better connect different stakeholders in both
3 developing countries and Italy. The first attempts were held in 2016, with “real-time interaction and ‘2-way’
4 communication initiatives”, which the Head of Digital Communication declared to be “completely new for
5 the company”.

6 It is clear that, especially in developed countries, where the requirements to act as a responsible company
7 are growing, community-based and market-based institutions are prominent.

8

9 *Collaborations and alliances*

10 Collaborations and alliances emerged as an integral part of Alpha’s CSR strategy mainly in recent years. In
11 the late 1990s, there were a few collaborations with not-for-profit associations and some local institutions,
12 which were again in line with the dominant logics in this period. The reports show that claims such as “thanks
13 to the fruitful collaboration with local institutions and no-profit associations, [Alpha] has substantially
14 contributed to important projects spread on the national territory” (1998 Sustainability report). Again, a
15 focus on collaborations with national local entities is present coherently with the prominence of community
16 and state logics.

17 The range of collaborations was gradually broadened in the following years. Since 2002, Alpha began to take
18 part in several international networks with the aim of developing and implementing projects for local
19 communities, in line with a philanthropic approach.

20 “Within the collaboration with the energy international network, Alpha has contributed to the
21 delivery of a project aimed at the supply of renewable energy systems for Indonesia” (2002
22 Sustainability report).

23 Later on, from 2001 to 2009, Alpha’s involvement in international networks seemed to be pushed further by
24 market logics. The company considered participation in these initiatives as a way to better exploit synergies
25 between environmental and economic performances, as pinpointed by the following declaration of Alpha’s
26 subscription to a global agreement.

27 “Climate change is a global challenge that governments, private companies, and citizens need to
28 face, playing different roles. Alpha, acknowledging its responsibilities, is committed to battling
29 climate change, as the improvement of environmental performance contributes to the protection of
30 the Earth and, at the same time, allows the company to create value” (2009 Sustainability report).

31 In the most recent period, from 2009 to today, the community logic again emerged in support of
32 collaboration with external entities (i.e., NGOs, academia, and social enterprises) to deliver socially oriented
33 projects. However, the community logic often acted alongside the market one. Alpha supported the spread

1 of a novel internal approach that involved a wide range of different actors, such as universities, research
2 institutions, start-ups, incubators, and NGOs. The Manager of the Communication stated,

3 “We take all this 96 GW of installed capacity and this 1.9 million km of grid and open them up, in the
4 same way HP opened up. [] Because we are the best in the world in terms of what we do, but what
5 we do on our own, in an isolated way, is not going to win in this new energy paradigm” (Head of
6 Communication).

7 The top management’s commitment is also shown by the presence of Alpha within several international
8 agencies focused on CSR- and sustainability-related issues. The Head of Sustainability Planning and
9 Performance Management declared,

10 “If we specifically considered sustainability, we obviously work together with Global Compact [...],
11 we work in strict contact with the Global reporting Initiative, with several new projects, such as G4,
12 Reporting 2025, etc. For us, that is a fundamental element. Then, as institutional partnerships, we
13 have, for instance, CSR Europe, a CSR manager network, and if you want to focus on Italy, the Italian
14 Global Compact Network, RSI [Rethink Sustainability Initiative] because they are initiatives that need
15 to be considered” (Head of Sustainability Planning and Performance Management).

16 From this statement, the influence of the professional logic is clear.

17

18 *Accountability and reporting*

19 Referring to accountability and reporting, in the first period analysed, the company used environmental
20 reporting as the main (and the sole) instrument to monitor and communicate its environmental performance.
21 The choice of introducing environmental reporting is explained well by the state as well as community logics,
22 as shown by the following quotation:

23 “The willingness of the company to inform in a transparent and precise manner about its activities
24 and to verify achieved results, employed resources and fixed objectives [...] with the goal of
25 communicating with institutions and citizens is confirmed” (1997 Environmental report).

26 This is only an example of the numerous sections of the environmental reports in which emphasis was placed
27 on the need to inform institutions and citizens about the results achieved by Alpha in terms of environmental
28 sustainability.

29 Analysing the evolution of the reports over time (i.e., 2001-2009), an emerging feature is the struggle
30 between a qualitative approach versus a quantitative one. Indeed, in the first sustainability reports –
31 published from 2001 to 2006 – there was almost only qualitative data, while most quantitative data were
32 shown in the annexes. This choice was explained by the informants with the aim of targeting citizens and
33 non-specialized readers (coherently with the community logics). Afterwards, the focus shifted towards

1 reports made up of purely quantitative indicators, with the introduction of several graphs and tables. This
2 shift was instead explained with the need to address the so-called social responsible investors (coherently
3 with the market logics).

4 Finally, the most recent reports (i.e., from 2009 on) present a balanced mix of qualitative and quantitative
5 information, with the specific aim of being able to address non-technical stakeholders. The informants
6 declared following the G4 guidelines from the Global Reporting Initiative (GRI, 2017(b)), which implies the
7 definition of the set of indicators to be included in the sustainability report in accordance with the materiality
8 analysis. However, they usually monitor a larger set of indicators related to sustainability, which accounts for
9 almost 600 metrics, and then select the most relevant to be disclosed in the annual report in accordance with
10 the materiality.

11 “We have a set of approximately 600 indicators of sustainability, we need those indicators to monitor
12 our sustainability performance. [...] It is plain that the reporting system is aligned with the GRI
13 system. [...] Then, we report the indicators that are most interesting for us, so we do not confuse
14 who reads them” (Head of Sustainability Planning and Performance Management).

15 Furthermore, until 2013, the company published both a sustainability and an environmental report, with the
16 latter being much wider than the former. Beginning in 2014, the company began to publish a single report
17 balancing economic, social and environmental issues.

18 In very recent years, even though the company has kept using combined reporting, comprising financial and
19 sustainability reports, they began to discuss the possibility of producing an integrated report, which is a
20 concise communication of the company’s strategy, governance, performance and prospects aimed to attract
21 investment crucial to achieving sustainable prosperity over the long term (IIRC, 2017).

22 “We have created a system which is actually a combined report [...] and not yet an integrated report”
23 (Head of Sustainability Planning and Performance Management).

24 In addition, even the layout of the report has changed over time: now, the layout is designed to make the
25 report more interactive and, again, useful to engage with stakeholders (community logics). To reach this goal,
26 several tools have been implemented. For instance, through the usage of digital instruments and social
27 media, at the time of the interviews, Alpha was developing a web network that could be used to be
28 continuously in touch with a great range of stakeholders so that their requirements could be taken into
29 account “in real time”.

30 “Our approach is user centric. [...] Instead, until now, Alpha communication was a purely delivery of
31 information” (Head of Digital Communication)

32

33 *4.2 A synthetic overview of Alpha’s CSR strategies from an institutional perspective*

1 As shown in the previous section, Alpha CSR strategies tend to be homogeneous within the three defined
2 time periods, and this homogeneity can be explained by the relative stability of the influence of the
3 institutional pressures in the given period (Table 3).

4

5 **Table 3: Influences of institutional logics over the defined time periods for Alpha CSR**

	Market	State	Community	Profession
1 st period: 1996-2001	X	✓	✓	X
2 nd period: 2001-2009	✓	X	✓	X
3 rd period: 2009-today	✓	X	✓	✓

6

7 In the first period analysed, from 1996 to 2001, the influence of the community and state logics were
8 dominant in informing the company's choices. Alpha's focus was on the Italian market, its main market at
9 that time, and the company was interested in engaging mainly with local and institutional stakeholders. This
10 focus is also reflected in Alpha's strategic objectives and in how objectives and results were reported. Indeed,
11 reporting was aimed mainly at communicating to local and institutional stakeholders Alpha's environmental
12 performance to engage with them and to ensure the license to operate. In line with this approach,
13 collaborations were built mainly with national local entities.

14 In the second period, from 2001 to 2009, after the liberalization of the electrical market, shareholders
15 became the major target of the company's public discourse and gained prominence over institutional
16 stakeholders. The CSR was used instrumentally to deal with the deep change in the market in which Alpha
17 operates, and this obviously drove the choices made by Alpha concerning sustainability planning and
18 reporting and the selection of the collaborations and alliances. Alpha also began enlarging the system
19 boundaries, thus introducing projects in emerging and developing countries, coherently with the expansion
20 of its business.

21 Finally, from 2009 to today, the complexity of the institutional environment increased further and, to address
22 the increased complexity, the company began to refer to professional guidance and standards more heavily.
23 The CSR strategy was reframed in terms of shared value creation and the company made reference to the
24 professional network in connection to the need both to build and nurture collaborations and alliances and to
25 display compliance with international reporting frameworks. The continuous reference to the notion of
26 shared value clearly influenced the balancing of objectives and the enlargement of the system boundaries.
27 Further, stakeholders were involved not only in ex post monitoring phases but also ex ante in planning stages
28 through "2-way" communication channels.

29

1 **5 Discussion and conclusions**

2 Grounded on an institutional perspective, this paper proposed a comprehensive framework aimed to identify
3 the pressures that can explain companies' positioning in a relationship to some key dimensions along which
4 CSR is evolving. The proposed framework has been used to analyse the case of a multinational energy
5 company that has significantly redefined its CSR strategy over time. The framework allowed us to trace the
6 influence of different institutional pressures, making sense of the choices made by the company in different
7 periods. Though different institutional orders clearly coexist in each time frame analysed, the articulation of
8 the CSR strategy of the case company can be explained well by considering the interplay between different
9 logics in different periods.

10 The case analysis enlightens three main types of responses to tensions emerging between different
11 pressures: focusing on one prevailing logic; hybridizing practices in order to balance contrasting logics; and
12 decoupling initiatives to answer "in parallel" to different pressures. In particular, when modifying the balance
13 of objectives (after the liberalization of the energy market), the company resolves contrasts between
14 different logics by adapting its strategy to the prevailing logic (in this case, the market logic) and using the
15 professional logic to reinforce an instrumental view of CSR. Indeed, the concept of shared value is
16 continuously mobilized to explain the quest of synergies between economic value and social and
17 environmental value and the need to create economic value from sustainability initiatives. The second,
18 approach, hybridization, emerges particularly in connection to stakeholder engagement with the
19 introduction of hybrid forms of investment analysis that aim to answer both the market and the community
20 logics. In this case, the company addresses the tensions between the market and the community logics by
21 introducing new practices that aim to visualize in an integrated fashion the priorities that are driven by both
22 institutional orders. Finally, the modification of the reporting system provides an example of parallel answers.
23 In this case, in fact, the company modifies the reporting system in order to answer to the influence of the
24 professional, market and community logics. On one hand, it produces reports that are fully compliant with
25 the GRI and introduces the integrated reporting because it is considered as a blueprint of advanced CSR. On
26 the other hand, it maintains simplified forms of reporting that are more coherent with the expectations of
27 the local communities (which used to be provided a certain set of indicators with a certain format) and the
28 investors.

29 From an academic perspective, the paper contributes to the literature in the field of CSR that suggests the
30 relevance of the concept of institutional logics when carrying out an institutional analysis. Indeed, the
31 theoretical lens of institutional theory is not new in this research field, as prior research has demonstrated
32 its potential to analyse and explain CSR adoption, development and evolution (Brammer et al., 2012; Young
33 and Makhijla, 2014). However, a limitation that is associated with the usage of this theoretical lens is the fact
34 that researchers who have drawn on institutional theory have not accounted for the heterogeneity of firms

1 within a given institutional context (Young and Makhija, 2014). Even when researchers have identified several
2 distinct CSR strategies, they typically have not explained the sources of divergence (Lee, 2008). This argument
3 reflects a common criticism of institutional theory: that it has been frequently criticized for relying too much
4 on structural determinism in explanations (DiMaggio, 1988; Mouritsen, 1994). The concept of institutional
5 logics provides a possible response to this criticism, recognizing that institutional contexts are not
6 homogeneous but rather characterized by the coexistence of multiple and possibly contrasting institutional
7 logics (Greenwood et al., 2011; Thornton and Ocasio, 2008). Compared to other institutional approaches,
8 institutional logics define the content of institutions and emphasize both the effects of multiple institutional
9 logics on organizations and individuals and the role of action in affecting and being affected by these
10 institutional pressures (Thornton and Ocasio, 1999).

11 From a managerial point of view, the proposed framework can support managers in analysing the
12 implications that derive from the expectations of the surrounding context in connection to their CSR strategy,
13 which could be useful both to better understand the results of past choices and to support the planning of
14 future actions. Indeed, by understanding the expectations an organization must address, a manager can
15 anticipate and proactively address the requirements of the environment.

16 Finally, the limitations of the paper and the implications for future research are discussed. First, the paper
17 outlined the proposed framework and used a single case study to show its suitability to support the analysis
18 of the evolution of a company's CSR strategy. The sources of heterogeneity were related to the evolving
19 contextual pressures influencing the company and explaining its choices in relationship to the CSR strategy
20 in different timeframes. Future work could extend the empirical analysis, comparing different organizations
21 operating in the same sector in the same period of time and subject to similar institutional pressures. This
22 paper analysed the redefinition of the company's CSR strategy, using the organization as the main unit of
23 analysis and focusing on how the organization as an entity addresses the influence of different institutional
24 orders. Future research could more specifically address the role of individual agency in dealing with
25 embeddedness in different institutional logics simultaneously, for instance, analysing the influence of the
26 characteristics of individual managers (such as the CEO or the members of the board of directors) on a
27 company's CSR strategy.

28

29 **References**

- 30 AA1000, 2008. Assurance Standard 2008. <https://www.accountability.org/standards/> (accessed 28.05.17)
- 31 Albrow, M., King, E., 1990. *Globalization, Knowledge and Society: Readings from International Sociology*,
32 Sage, London.

- 1 Athanasopoulou, A., Selsky, J.W., 2015. The Social Context of Corporate Social Responsibility: Enriching
2 Research With Multiple Perspectives and Multiple Levels. *Bus. & Soc.* 54(3), 322-364.
- 3 Aula, P., 2010. Social media, reputation risk and ambient publicity management. *Strateg. & Leaders.* 38(6),
4 43-49.
- 5 Basu, K., Palazzo, G., 2008. Corporate Social Responsibility: A Process Model of Sensemaking. *Acad. Manag.*
6 *Rev.* 33(1), 122–136.
- 7 Battilana, J., Lee, M., Walker, J., Dorsey, C., 2012. In Search of the Hybrid Ideal. *Stanford Soc. Innov. Rev.* 51-
8 55.
- 9 Bebbington, J., Larrinaga, C., Moneva, J. M., 2008. Corporate social reporting and reputation risk
10 management. *Account. Audit. & Account. J.* 21(3), 337-361.
- 11 Bengo, I., Arena, M., Azzone, G., Calderini, M., (2016). Indicators and metrics for social business: a review of
12 current approaches. *J. Soc. Entrepr.* 7(1), 1-24.
- 13 Berle, A.A., Means, G.C., 1930. Corporations and the Public Investor. *Am. Econ. Rev.* 20(1), 54-71.
- 14 Bowen, H.R., 1953. *Social Responsibility of the Businessman*, Harper & Row, New York.
- 15 Brammer, S., Jackson, G., Matten, D., 2012. Corporate Social Responsibility and Institutional theory: new
16 perspectives on private governance. *Socioecon. Rev.* 10, (1), 3-28.
- 17 Brettel, M., Friederichsen, N., Keller, M., Rosenberg, N., 2014. How virtualization, decentralization and
18 network building change the manufacturing landscape: An Industry 4.0 Perspective. *Int. J. Sci. Eng. Technol.*
19 8(1), 37-44.
- 20 Buhmann, K., 2006. Corporate social responsibility: what role for law? Some aspects of law and CSR.
21 *Corp.Gov.: Int. J. Bus. in Soc.* 6(2), 188-202.
- 22 Campbell, J.L., 2007. Why would corporations behave in socially responsible ways? An institutional theory of
23 corporate social responsibility. *Acad. Manag. Rev.* 32(3), 946-967.
- 24 Carroll, A.B., 1979. A Three-Dimensional Conceptual Model of Corporate Performance. *Acad. Manag. Rev.*
25 4(4), 497–505.
- 26 Carroll, A.B., 1999. Corporate Social Responsibility. Evolution of a Definitional Construct. *Bus. & Soc.* 38(3),
27 268-295.

- 1 Carroll, A.B., 2008. A History of Corporate Social Responsibility: Concepts and Practices, in: Crane, A., Matten,
2 D., McWilliams, A., Moon, J., Siegel, D.S. (Eds.), *The Oxford Handbook of Corporate Social Responsibility*.
3 Oxford University Press, Oxford, pp.19 – 46.
- 4 Carroll, A.B., Shabana, K.M., 2010. The Business Case for Corporate Social Responsibility: A Review of
5 Concepts, Research and Practice. *Int. J. Manag. Rev.* 12(1), 85–105.
- 6 Castelló, I., Lozano, J., 2009. From risk management to citizenship corporate social responsibility: analysis of
7 strategic drivers of change. *Corp.Gov.: Int. J. Bus. in Soc.* 9(4), 373 – 385.
- 8 Castelo Branco, M., Lima Rodrigues, L., 2006. Corporate Social Responsibility and Resource-Based
9 Perspectives. *J. Bus. Ethics* 69, 111–132.
- 10 Crane, A., Palazzo, G., Spence, L. J., Matten, D., 2014. Contesting the value of “creating shared value”. *Calif.*
11 *Manag. Rev.* 56(2), 130-153.
- 12 Crilly, D., Hansen, M., Zollo, M., 2016. The Grammar of Decoupling: A Cognitive-Linguistic Perspective on
13 Firms’ Sustainability Claims and Stakeholders’ Interpretation. *Acad. Manag. J.* 59(2), 705-729.
- 14 Currall, S. C., Inkpen, A. C., 2002. A multilevel approach to trust in joint ventures. *J. Int. Bus. Studies* 33(3),
15 479-495.
- 16 Currie, G., Spyridonidis, D., 2016. Interpretation of multiple institutional logics on the ground: Actors’
17 position, their agency and situational constraints in professionalized contexts. *Organ. Studies* 37(1), 77-97.
- 18 Decker, M., 2017. The next generation of robots for the next generation of humans?, *Robot. Auton. Syst.* 88,
19 154-156.
- 20 Di Domenico, M.L., Tracey, P., Haugh, H., 2008. The Dialectic of Social Exchange: Theorizing Corporate–Social
21 Enterprise Collaboration. *Organ. Studies* 0(8), 887–907.
- 22 DiMaggio, P., 1988. Interest and agency in institutional theory, in: Zucker, L. (Eds.), *Institutional patterns and*
23 *culture*. Ballinger Publishing Company, pp. 3-22.
- 24 Drucker, Peter F., 1984. A New Look at Corporate Social Responsibility. *McKinsey Quarterly*, 4(Autumn), 17-
25 28.
- 26 Epstein, E. M., 1987. The corporate social policy process and the process of corporate governance. *Am. Bus.*
27 *Law J.* 25, 361–383.
- 28 Evan, W., Freeman, R. E., 1993. A stakeholder theory of the modern corporation: Kantian capitalism, in:
29 Beauchamp, T., Bowie, N. (Eds.), *Ethical theory and business*. Englewood Cliffs, Prentice Hall, pp. 75-93.

1 Fortanier, F., Kolk, A., Pinkse, J., 2011. Harmonization in CSR Reporting. *Manag. Int. Rev.* 51(5), 1-41.

2 Freidson, E., 2001. *Professionalism, the third logic: on the practice of knowledge*. University of Chicago press,
3 Chicago.

4 Friedland, R., Alford, R.R., 1991. Bringing society back in: Symbols, practices, and institutional contradictions,
5 in Powell, W.W., DiMaggio, P.J., (Eds.), *The New Institutionalism in Organizational Analysis*. University of
6 Chicago Press, Chicago, pp. 232–263.

7 Fuente, J.A., García-Sánchez, I.M., Lozano, M.B., 2017. The role of the board of directors in the adoption of
8 GRI guidelines for the disclosure of CSR information. *J. Clean. Prod.* 141, 737-750.

9 Gao, J., Bansal, P., 2013. Instrumental and Integrative Logics in Business Sustainability. *J. Bus. Ethics* 112(2),
10 241–255.

11 GRI – Global Reporting Initiative, 2017(a). G4 Sustainability Reporting Guidelines. <https://www.globalreporting.org/information/g4/Pages/default.aspx> (accessed 01.08.17)

12
13 GRI – Global Reporting Initiative, 2017(b). Standards. <https://www.globalreporting.org/standards> (accessed
14 01.08.17)

15 Goodrick, E., Reay, T., 2011. Constellations of institutional logics: Changes in the professional work of
16 pharmacists. *Work. Occup.* 38(3), 372-416.

17 Greenwood, M., 2007. Stakeholder Engagement: Beyond the Myth of Corporate Responsibility. *J. Bus. Ethics*
18 74, 315.

19 Greenwood, R., Díaz, A. M., Li, S. X., Lorente, J. C., 2010. The multiplicity of institutional logics and the
20 heterogeneity of organizational responses. *Organ. Sci.* 21(2), 521-539.

21 Greenwood, R., Raynard, M., Kodeih, F., Micelotta, E.R., Lounsbury, M., 2011. Institutional Complexity and
22 Organizational Responses. *Acad. Manag. Ann.* 5(1), 317-371.

23 Greenwood, R., Suddaby, R., 2006. Institutional entrepreneurship in mature fields: The big five accounting
24 firms. *Acad. Manag. J.* 49(1), 27-48.

25 Hahn, T., Figge, F., 2016. Why Architecture Does Not Matter: On the Fallacy of Sustainability Balanced
26 Scorecards. *J. Bus. Ethics*, 1-17.

27 Hogan, J., Lodhia, S., 2011. Sustainability reporting and reputation risk management: an Australian case
28 study. *Int. J. Account. & Inf. Manag.* 19(3), 267-287.

1 IFAC – International Federation of Accountants, 2017. International Standard on Assurance Engagements
2 (ISAE) 3000 Revised, Assurance Engagements Other than Audits or Reviews of Historical Financial
3 Information. [https://www.ifac.org/publications-resources/international-standard-assurance-engagements-](https://www.ifac.org/publications-resources/international-standard-assurance-engagements-isa-e-3000-revised-assurance-enga)
4 [isa-e-3000-revised-assurance-enga](https://www.ifac.org/publications-resources/international-standard-assurance-engagements-isa-e-3000-revised-assurance-enga) (accessed 28.05.17)

5 IIRC – International Integrated Reporting Council, 2017. <https://integratedreporting.org/> (accessed 17.07.17)

6 ISO - International Organization for Standardization, 2017. ISO 15686-1:2011 - Buildings and constructed
7 assets -- Service life planning -- Part 1: General principles and framework.
8 <https://www.iso.org/standard/45798.html> (accessed 28.05.17)

9 Jamali, D., Keshishian, T., 2009. Uneasy alliances: Lessons learned from partnerships between businesses and
10 NGOs in the context of CSR. *J. Bus. Ethics* 84(2), 277-295.

11 Junior, R. M., Best, P. J., Cotter, J., 2014. Sustainability reporting and assurance: a historical analysis on a
12 world-wide phenomenon. *J. Bus. Ethics* 120(1), 1-11.

13 Lee, M.P., 2008. A review of the theories of corporate social responsibility: Its evolutionary path and the road
14 ahead. *Int. J. Manag. Rev.* 10(1), 53–73.

15 Lindgreen, A., Swaen, V., 2010. Corporate Social Responsibility. *Int. J. Manag. Rev.* 12(1), 1-7.

16 Maon, F., Swaen, V., Lindgreen, A., 2015. One Vision, Different Paths: An Investigation of Corporate Social
17 Responsibility Initiatives in Europe. *J. Bus. Ethics*, 1-18.

18 Montabon, F., Pagell, M., Wu, Z., 2016. Making sustainability sustainable. *J. Supply Chain Manag.* 52(2), 11–
19 27.

20 Mouritsen, J., 1994. Rationality, institutions and decision making: Reflections on March and Olsen's
21 rediscovering institutions. *Account. Organ. Soc.* 19(2), 193-211.

22 Ny, H., MacDonald, J. P., Broman, G., Yamamoto, R., Robért, K. H., 2006. Sustainability constraints as system
23 boundaries: an approach to making life-cycle management strategic. *J. Ind. Ecol.* 10(1-2), 61-77.

24 Oliver, C., 1990. Determinants Of Interorganizational Relationships: Integration and Future Directions. *Acad.*
25 *Manag. Rev.* 15(2), 241-265.

26 Palazzo, G., Scherer, A.G., 2006. Corporate Legitimacy as Deliberation: A Communicative Framework. . *J. Bus.*
27 *Ethics* 6(1), 71-88.

28 Porter, M.E., Kramer, M.R., 2006. Strategy and Society: The Link Between Competitive Advantage and
29 Corporate Social Responsibility. *Harv. Bus. Rev.* 84(12), 78-93.

- 1 Porter, M.E., Kramer, M.R., 2011. The Big Idea: Creating Shared Value. *Harv. Bus. Rev.*
- 2 Post, J. E., 2000. Moving from Geographic to Virtual Communities: Global Corporate Citizenship in a Dot.com
3 World. *Bus. Soc. Rev.* 105(1), pp. 26–46.
- 4 Reed, M.S., Fraser, E.D.G., Dougill, A.J., 2006. An adaptive learning process for developing and applying
5 sustainability indicators with local communities. *Ecol. Econ.* 59(4), 406-418.
- 6 Riley, J., 2001. Multidisciplinary indicators of impact and change: key issues for identification and summary.
7 *Agric. Ecosyst. Environ.* 87(2), 245–259.
- 8 Sharp, Z., Zaidman, N., 2010. Strategization of CSR. *J. Bus. Ethics* 93(1), pp. 51–71.
- 9 Spitzack, H., Boechat, C., Leão, S.C., 2013. Sustainability as a driver for innovation – towards a model of
10 corporate social entrepreneurship at Odebrecht in Brazil. *Corp. Gov.* 13(5), 613 – 625.
- 11 Steurer, R., Martinuzzi, A. Margula, S., 2012. Public Policies on CSR in Europe: Themes, Instruments, and
12 Regional Differences. *Corp. Soc. Responsib. Environ. Manag.* 19, 206–227.
- 13 Stuart, T.E., 2000. Interorganizational alliances and the performance of firms: a study of growth and
14 innovation rates in a high-technology industry. *Strateg. Manag.J.* 21, 791–811.
- 15 Su, B., Meng, F., Thomson, E., Zhou, D., Zhou, P., 2016. Measuring China’s regional energy and carbon
16 emission efficiency with DEA models: A survey. *Appl. Energy* 183, 1–21.
- 17 Thornton, P.H., 2004. *Markets from Culture: Institutional Logics and Organizational Decisions in Higher
18 Education Publishing.* Stanford University Press, Stanford.
- 19 Thornton, P. H., Ocasio, W., 1999. Institutional logics and the historical contingency of power in organizations:
20 Executive succession in the higher education publishing industry, 1958–1990. *Am. J. Sociol.* 105(3), 801–843.
- 21 Thornton, P. H., Ocasio, W., 2008. Institutional logics, in: Greenwood, R., Oliver, C., Sahlin, K., Suddaby, R.
22 (Eds.), *The Sage handbook of organizational institutionalism.* Thousand Oaks, Sage, pp. 99–129.
- 23 Thornton, P. H., Ocasio, W., Lounsbury, M., 2012. *The institutional logics perspective: A new approach to
24 culture, structure, and process.* Oxford University Press on Demand.
- 25 UNIDO - United Nations Industrial Development Organization, 2009. *Value Chain Diagnostics for Industrial
26 Development.* Vienna International Centre, Vienna. Working Paper.
- 27 van den Buuse, A.K.D., 2012. In search of viable business models for development: sustainable energy in
28 developing countries. *Corp.Gov.: Int. J. Bus. in Soc.* 12(4), 551–567.

- 1 Varga, E., 2015. Corporate social impact strategies – New paths for collaborative growth. European Venture
2 Philanthropy Association (EVPA). <http://evpa.eu.com/?publication-cat=key-players>
- 3 Visser, W., 2010. The Rise and Fall of CSR: Shape shifting from CSR 1.0 to CSR 2.0. CSR International Paper
4 Series, No. 2.
- 5 Visser, W., 2011. CSR 2.0: Transforming the Role of Business in Society. Soc. Space, 26-35.
- 6 Visser, W., 2012. The Future of CSR: Towards Transformative CSR, or CSR 2.0. Kaleidoscope Futures Paper
7 Series, no. 1.
- 8 Vurro, C., Dacin, M. T., Perrini, F., 2010. Institutional antecedents of partnering for social change: How
9 institutional logics shape cross-sector social partnerships. . J. Bus. Ethics 94(1), 39-53.
- 10 Wang, Y., Yang, X., Sun, M., Ma, L., Li, X., Shi, L., 2016(a). Estimating carbon emissions from the pulp and
11 paper industry: A case study. Appl. Energy, 184, 779–789.
- 12 Wang, S., Wan, J., Zhang, D., Li, D., Zhang, C., 2016(b). Towards smart factory for industry 4.0: a self-organized
13 multi-agent system with big data based feedback and coordination. Comput. Netw. 101(4), 158-168.
- 14 Young, S., Makhija, M.V., 2014. Firms’ Corporate Social Responsibility Behavior: An Integration of Institutional
15 and Profit Maximization Approaches. J. Int. Bus. Stud. 45(6), 670-698.
- 16 Zeng S, Liu, Y., Liu, C., Nan, X., 2017(a). A Review of Renewable Energy Investment in the BRICS Countries:
17 History, Models, Problems and Solutions. Renew. Sustain. Energy Rev., 74, 860-872.
- 18 Zeng S, Nan, X., Liu, C., Chen J., 2017(b). The response of the Beijing carbon emissions allowance price (BJC)
19 to macroeconomic and energy price indices. Energy Pol., 106, 111-121.

20

21