

Blanket strategy: a response of environmental groups to the globalising forest industry

David Gritten

School of Forest Sciences, University of Eastern Finland,
david.gritten@uef.fi

Blas Mola-Yudego

School of Forest Sciences, University of Eastern Finland,
blas.mola@uef.fi

Abstract: Globally, in recent decades, forest industry has come under increased scrutiny, often led by environmental non-government organisations (ENGOS). The present paper analyses the strategies used by the ENGOS in different forest conflicts involving forest industry. The main aim is to determine if there is a relationship between forest industries' partners (shareholders, financiers and customers) and the location of the ENGOS campaigning against them. Fourteen forest conflicts are used as case studies, representing different geographical regions. A detailed screening of the different actors and relations was performed for each case study based on existing academic literature, publications from relevant ENGOS and companies. The results reveal a strong correlation between the location of the ENGOS involved and the companies' financial and economic partners. We put forward, and test, a theoretical framework to explain the mechanisms used by the ENGOS to apply pressure on the companies involved in conflicts. The blanket nature of the campaigns by ENGOS illustrates that the movement has globalised in response to the global nature of the industry. The present research contributes to a better understanding of the relationship between forest industry and ENGOS, including the strategies employed by the ENGOS, and in assisting forest industry in its interactions with stakeholders, including ENGOS.

Keywords: Blanket campaigns, environmental non-governmental organisations (ENGOS), forest conflicts, globalisation of forest industry and ENGOS

Acknowledgements: The authors would like to express their thanks to the various academics, ENGOs and forest companies that helped providing some of the information for the conflicts. Our gratitude also goes to the School of Forest Sciences, University of Eastern Finland and the Finnish Cultural Foundation for the financial support provided. Additionally, the authors would like to thank Prof. Paavo Pelkonen and Ms. Mari Selkimäki and Mireia Vilaplana Rojas for their invaluable input to earlier versions of this paper. We would also like to thank the three reviewers for their invaluable suggestions on an earlier version of this paper.

1. Introduction

Globally, in recent decades, forest industry has faced increased scrutiny regarding its operating practices (e.g. Sonnenfeld 2002; Gritten 2009), for example, Asia Pulp and Paper (APP) in Indonesia (accusations of illegal logging) and Metsä Botnia in Uruguay (fears regarding pollution caused by its pulp mill). The scrutiny is reflected in campaigns by environmental non-government organisations (ENGOs), such as Greenpeace and World Wide Fund for Nature (WWF), who are campaigning to get the industry to operate in a more sustainable manner (e.g. Sonnenfeld 2002; Gritten and Kant 2007). The ENGOs' campaigns can have a significant impact on the operations of corporations, as well as governments (e.g. Sonnenfeld 2002; John and Thomson 2003).

Forests cover large geographical areas and naturally often have many overlapping values and non-complementary end uses which results in conflict. Frequently these conflicts are the result of perceived failures by governments to deal with such issues as indigenous rights and deforestation (Ruggie 2003). Previously ENGOs have targeted governments, but increasingly they have focussed on corporations because of their increased prominence in dominating policy agendas of national governments and international organisations (Murphy and Bendell 1997; John and Thomson 2003), as well as responding to the perceived inaction of governments regarding regulating the operating practices of the corporations (Newell 2001). In other words, they are targeting the holders of power (Tilly 1999), those that can make changes, for example, to improve the sustainability of forest management.

There have been considerable changes in the attitudes regarding corporations. For example, during the 1970s social and environmental regulations increased in many countries. However, in the 1980s, with the prevalent neo-liberal views in many countries, there was a move towards corporate self-regulation and voluntary initiatives, in other words corporate social responsibility (CSR)/corporate responsibility (CR) (Clapp and Utting 2008). However, limits to CSR/CR have led to the growth of a corporate accountability movement, which includes ENGOs (Broad and Cavanagh 1999). The changes in attitudes are also a response to the recent trend of globalisation in the industry (Mikkilä 2006) as forestry companies, such as those based in Finland and Sweden, invest in projects in, for example,

Indonesia, Brazil and China. ENGOs have to develop strategies to respond to this if they are to achieve their aims (Rose 2005).

This leads to the hypothesis that one of the main strategies adopted by ENGOs, in response to the globalising nature of the industry, is to become global in their strategy. Specifically, despite there being numerous differences between ENGOs, including differing strategies, ideologies and sources of funding (e.g. Keck and Sikkink 1998; Gritten 2009), these diverse groups frequently form coalitions, often international in nature, to target a corporation (e.g. Gritten and Kant 2007). The international dimension to the campaigns is partly explained by the often global nature of the industry, with regards to its operations, sources of funding, ownership as well as its customers. The exploration of this strategy employed by ENGOs is important in the context of understanding their influence and the response the companies targeted.

The aim of this paper, therefore, is to test the hypothesis that ENGOs, when conducting campaigns against transnational forestry corporations, adopt a blanket strategy against their target (Figure 1). This strategy involves the forming of

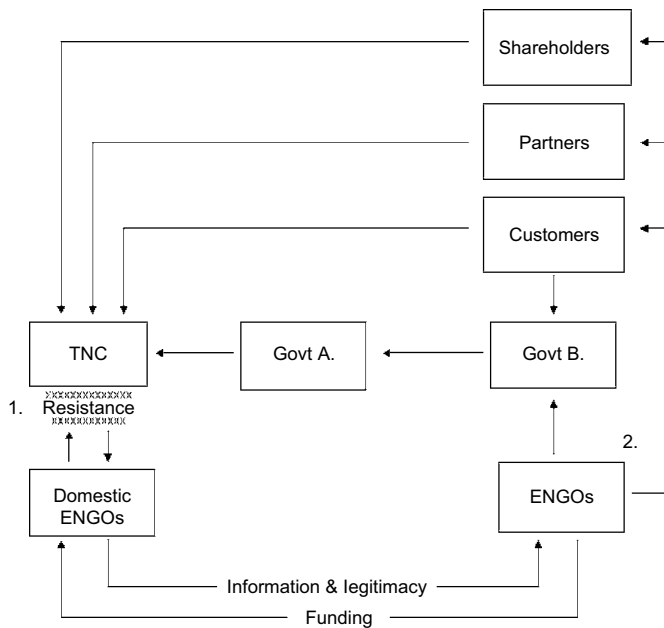


Figure 1: Blanket strategy by ENGOs targeting transnational corporation (TNC). Adapted from Keck and Sikkink (1998). (1) Initially the TNC resists pressure from domestic ENGOs, who then contact peers in other countries for assistance (2) thereby increasing the intensity of the pressure on the TNC through targeting the TNC's customers, shareholders and partners. Lines / Arrows indicate pressure, except dashed lines for illustrating the relationship between ENGOs. Govt A=Government of host country of TNC operations, Govt B=Government of country that hosts partners of TNC.

networks or strengthening existing links with their peers in other locations in order to increase their influence and present a common front in their campaigns (Wapner 2000), covering as many areas of the target corporation's operations as possible. In order to achieve the paper's aim we examined 14 case studies involving ENGO campaigns against forest industry companies; determining if there was a correlation between the location of the ENGOs campaigning against a forestry company and the site of the target's partners (i.e. financiers, customers, and shareholders).

1.1. Theoretical background

Social movements, including ENGOs, are attempting to uncover problems, and bring these to the attention of the press and policy makers (Keck and Sikkink 1998), with the focus of ENGOs being on environmental conservation and human rights. Sometimes these efforts fail because of resistance by the target group. To demonstrate how non-governmental organisations (NGOs) respond to this Keck and Sikkink (1998) developed the concept of the boomerang pattern in which NGOs use international links to pressure their own governments through partnerships with NGOs more influential than themselves, which is also the basis of the more comprehensive blanket campaign presented here. The boomerang pattern demonstrates how NGOs, such as human rights activists, respond when their campaign against a TNC in their home country is failing. The blanket strategy differs to Keck and Sikkink's presentation of the model in exploring the pressure applied by the ENGOs on various aspects of the target company's operations, specifically its partners (shareholders, customers, and financiers). In other words the ENGOs use their formal (part of the same of international organisation, e.g. Greenpeace) or informal (e.g. personal links between activists and previous association in other campaigns) links to ENGOs in countries where the target company has its partners.

The blanket strategy can be linked to a form of political process theory (e.g. McAdam et al. 1996), which puts forward the notion that certain political situations facilitate social movement activity. In other words, social changes that weaken the established political order make them more vulnerable to challenges. For example, the development of democratic institutions in Indonesia places increased pressure on the government to listen to its constituents (Nomura 2007). In the situation presented here one can label it a corporate process model, whereby ENGOs have a greater likelihood in succeeding in their aims if they are campaigning at a time when the target company is already under pressure from other sources. This pressure can be political, but also economic in the form of increased competition, for example. Just as McAdam et al. (1996) say that changes in the social situation that weaken the political order invite challenges by social movements, threats to the performance of a corporation may also encourage the challenges. This can be in the form of campaigns by other ENGOs.

The blanket strategy also has relevance regarding resource mobilization theory (e.g. Cress and Snow 1996), whereby social movement's influence fluctuates as

the level of their resources change. In this case the blanket strategy allows the groups to take advantage of their shared resources (including information) to bring about change.

ENGOS have to adapt their strategies according to various factors, such as the target company, the environment they are working in (e.g. democratic freedoms), and perceived legitimacy and support (e.g. from other ENGOS, but also from media) of their position. These factors combine to determine the ability of the ENGO to influence the target company's policies and actions. This is best illustrated by McAdam et al. (1996) who believe that social movement groups must overcome five hurdles to achieve change:

1. Attract new recruits
2. Keep current recruits
3. Generate media coverage
4. Mobilise general public's support
5. Limit the social control options of the group's opponents (e.g. limit ability of opponents to influence public opinion)

This will affect whether they decide to campaign on an issue (if a potential campaign is not likely to achieve one or more of the hurdles then they would be less likely to campaign) and if they need to adapt their strategy to maximise their chances of success, in other words to target the corporation on an international level, through its partners.

The blanket strategy is an important part of ensuring that an ENGO can continue to operate and thrive in the globalised world, as companies, such as UPM-Kymmene (UPM) have operations throughout the world. ENGOS need to respond to this; conversely failure to do so would see their position increasingly weakened. In other words they need to act to ensure they secure their future ability to campaign (Cress and Snow 1996).

2. Material and methods

2.1. Construction of the dataset

In order to study the different interrelations between ENGOS and companies involved in a forest conflict, we had to identify suitable examples, preferably the most representative sample possible. In academic literature and reports from organisations, such as the Food and Agricultural Organisation of the United Nations (FAO) and the Centre for International Forestry Research (CIFOR), we initially found 37 conflicts involving forest industry and ENGOS campaigning against them. For each of these cases, we then searched for additional details about the conflicts in existing academic literature, national and international newspapers, publications from ENGOS, reports from the companies involved, and correspondence with representatives of parties involved in these conflicts.

Table 1: Description of the case studies (for more information on the case studies see Appendix). Conflict issues: 1. Conflicting land uses, 2. indigenous rights, 3. biodiversity, 4. deforestation, 5. illegal logging, 6. monoculture plantations, 7. old growth, 8. clear felling, 9. pollution, 10. diplomatic incident, 11. forced migration, 12. workers' rights, 13. perceived government failure. For more information on the background of the 14 case studies see Appendix 1.

Case study and code	Period	Keywords	Examples of related academic articles (in English)	Examples of related material from (E)NGOs
Gunns, Tasmania, Australia (au)	2000 – present (Origins go back to 1980s)	4, 9, 13	Gale (2005) Buckman (2008)	WRM (2005a, 2008)
Veracel, Bahia, Brazil (br)	2003 – present	2, 6, 9, 11, 13	Fig (2007)	WRM (2006a) Urgewald (2007)
MacMillan Bloedel Clayoquot Sound, Canada (ca)	1970s – present	2, 7, 8, 13	Stanbury and Vertinsky (1997) Lertzman and Vredenburg (2005)	Greenpeace (no date a) Greenpeace (2008)
APP China, Yunnan, China (cn)	2004 – present	4, 5, 6, 13	Barr and Cossalter (2004) Xia (2008)	WRM (2005b) Bank track (no date)
Metsähallitus, Upper Lapland, Finland (fi)	1960s – present	1, 2, 8, 13	Kyllönen et al. (2006) Raitio (2008)	Greenpeace (no date b) Greenpeace (2004)
APRIL, Riau, Indonesia (id1)	1993 – present	1–6, 13	Gritten and Kant (2007) Gritten and Saastamoinen (In press)	Matthew and van Gelder (2002a) Eyes on the Forest (2006)
APP, Riau, Indonesia (id2)	1982 – present	1–6, 13	Barr (2001) Pirard and Rokhim (2006)	Matthew and van Gelder (2002b) WWF (2006)
UFS, Kalimantan, Indonesia (id3)	2001 – present	1–4, 6, 13	Jurgens et al. (2005)	DTE (2006) Pulp Inc. (2006)
Pan Paper, Kenya (ke)	1974–2009	2, 4, 9, 13	Situma et al. (2002)	WRM (2007) ELAW (2008)
Mondi, Swaziland (sz)	1990s – present	6, 13	Chamshama and Nwonwu (2004)	WRM (2004, 2006b)
Spotted owl, Pacific Northwest, USA (us1)	Mid-1980s – present (Origins go back to 1950s)	3, 7, 13	Lange (1993) Yaffee (1994)	Audubon (2009) Earth Justice (2009)
International Paper, Androscoggin mill, Jay, Maine, USA (us2)	1980s – present	9, 13	Hill et al. (2002)	PfLP (no date) NRCM (2005)
MetsäBotnia (uy1), Uruguay	2003 – present	9, 10, 13	Lima-Toivanen and Mikkilä (2006) Joutsenvirta and Vaara (2008)	Bank Track (no date) Illegal Logging (2007)
Ence, Uruguay (uy2)	1990–2009	9, 10, 13	Lima-Toivanen and Mikkilä (2006)	Guayubira (2006) WRM (2009)

We also used internet searches and corresponded with academics in the countries where the conflicts occurred or where the companies were based. After collecting as much additional information as possible on the 37 conflicts, we screened out 23 of the cases due to difficulties obtaining adequate information on the actors and ENGOs involved. Our analysis concerns only the 14 cases on which we felt we had adequate information (Table 1). This is too small a number to claim that our surviving sample is actually representative but the rich detail available gives us confidence about conclusions regarding these cases.

Figure 2 maps the cases according to the centre of the area of dispute. Based on the information collected, a database of the different actors involved in each case was constructed. The companies involved in each conflict were studied, including their country base, their main markets (i.e. location of customers) and main financial sources (i.e. main financier organisations), as well as shareholders. The ENGOs were grouped according to the country where they operate (e.g. Greenpeace UK) or operating at a global level (e.g. Greenpeace International). Although some ENGOs may have been omitted, the aim of the screening was to be exhaustive.

We classified the conflicts and the ENGOs by location and noted the activities of the various ENGOs involved in each conflict. In addition, we noted the geographical locations of the companies various economic partners (financiers, customers, shareholders). We used SPSS v 15 for the quantitative analysis.

3. Results

The ENGOs involved in the different conflicts were grouped in geographical regions (Figure 3), based on their location (e.g. FoE Indonesia, also known

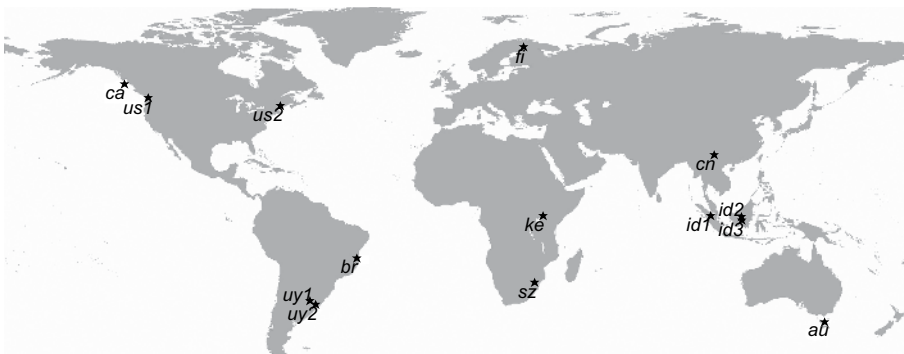


Figure 2: Location of the case studies. Gunns, Australia (au), Veracel, Brazil (br), MacMillan Bloedel, Canada (ca), APP, China (cn), Metsahallitus, Finland (fi), APRIL, Indonesia (id1), APP, Indonesia (id2), UFS, Kalimantan (id3), Pan Paper, Kenya (ke), Mondi, Swaziland (sz), Northern Spotted owl, USA (us1), International Paper, USA (us2), MetsäBotnia, Uruguay (uy1), Ence, Uruguay (uy2).

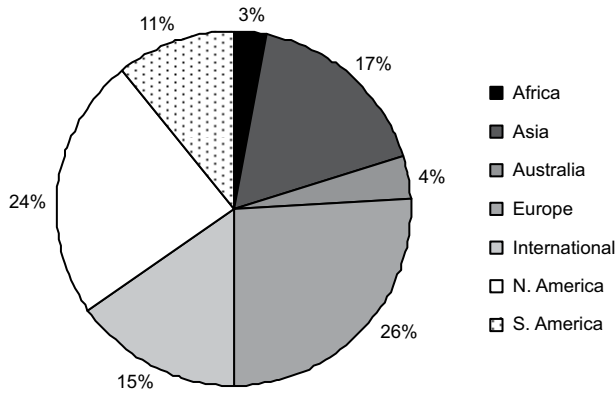


Figure 3: Distribution by regions of the ENGOS screened (N=202).

as WALHI, is defined as a national ENGO, based in Indonesia). The resulting figures showed a very low number of ENGOS operating in Africa (3% of the total screened), follow by Australia and Pacific (4%) and South America (11%). North America, Asia and Europe presented more equal shares. A significant number of ENGOS were operating globally at an international level (15%).

Regarding each of the conflicts examined, a significant number of ENGOS acted outside the country where the conflict took place (Figure 4). In the cases of us1, cn and us2, the number of domestic ENGOS surpassed those acting

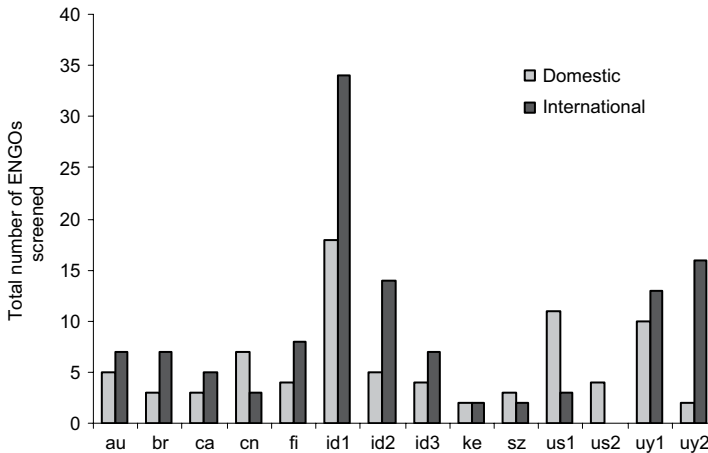


Figure 4: Total number of ENGOS screened in each case study, according to their location. Domestic ENGOS refer to ENGOS based in the same country of the case of study. International ENGOS refer to ENGOS based in other countries than the case study or when they act at a global level.

abroad (us2 had no non-US ENGO involvement), suggesting a lower level of internationalisation of the conflicts. The same would apply to the case ke1, given the low number of ENGOS involved. The case uy1 (Metsä Botnia) presented a large number of ENGOS involved, distributed more evenly between national and operating abroad or international. This is a result of the issue being predominantly an international one, specifically the fact that the mill is situated on the River Plate, which acts as the border between Uruguay and Argentina, hence the high number of non-Uruguay ENGOS involved.

The maps linking the different actors involved in the conflicts (Figure 5) reveal the geographical pattern of the links between the actors involved in the cases studied. A total of 171 and 201 flows were identified for ENGOS and economic partners, respectively. In many of the conflicts, the financial and economic partners of the industries and companies involved are mirrored by ENGOS connections with the conflict.

The results show that there is a clear correspondence between the companies' financial and economic partners and the ENGOS activities. In total, the ENGOS' links between each conflict overlapped the economic partners in 76% of the flows, and in 18 out of 23 countries with ENGOS involved in the conflicts studied. In six of the cases the overlap was 100% (Table 2).

Figure 6 shows these correspondences divided by locations of the ENGOS activities 1) either physically (i.e. location of the conflict), 2) and 3) financially (i.e. location of the main shareholders and financiers of the company involved) or 4) sales (i.e. location of customers of the company involved). This latter category includes about 60% of the ENGOS involved, although it must be taken into account that these categories are not independent, and a country can host the conflict, and the financial and economic actors at the same time.

In fact, the geographical distribution and dispersion of the companies' customers contributes to explain the total number of ENGOS associated with each conflict (Figure 7). In a broader sense, there seems to be a correlation between the internationalisation of the companies' partners (i.e. financiers, customers and shareholders) and the internationalisation of the ENGOS linked to the conflicts.

APRIL case study. The APRIL campaign is a good illustration of the blanket strategy in action, as demonstrated in Table 3.

4. Discussion

This paper focuses on the campaigns by ENGOS against forest industry, presenting the concept of the blanket campaign as a means to explain the strategies ENGOS utilise when attempting to get corporations to change their operations. One of the main limitations of the research is the restricted number of cases included, given the large amount of data from multiple sources needed to create the data for each conflict. In addition, there are possible selection biases (e.g. language barriers, advertising strategies by the ENGOS, access to information). Though



Figure 5: Partners of the companies involved in the conflicts in the shareholders and financiers and main customers, compared to the links of the campaigning ENGO with their target. Lines link the conflict case with the centre of the countries associated at each case (flow). For visual interpretation, the conflicts are grouped in: au, ca, fi, us1, us2 (left) and br, cn, id1, id2, id3, ke, uy1, uy2, sz (right).

Table 2: Correspondence between the location of ENGOs and the companies' economic partners. Country based ENGOs (N=171), ENGOs links corresponded to economic links (N=130), ENGOs' flows not corresponding to economic partners (N=41), and economic partners' flows not corresponding to ENGOs' (N=71).

	International ENGO	ENGOs	Correspond to economic partner	Percentage (%)
au	4	8	5	63
br	2	8	6	75
ca	0	8	8	100
cn	1	9	7	78
fi	3	9	9	100
id1	9	43	34	79
id2	3	16	16	100
id3	0	11	5	45
ke	2	2	2	100
sz	1	4	1	25
us1	1	13	13	100
us2	0	4	4	100
uy1	2	21	14	67
uy2	3	15	6	40

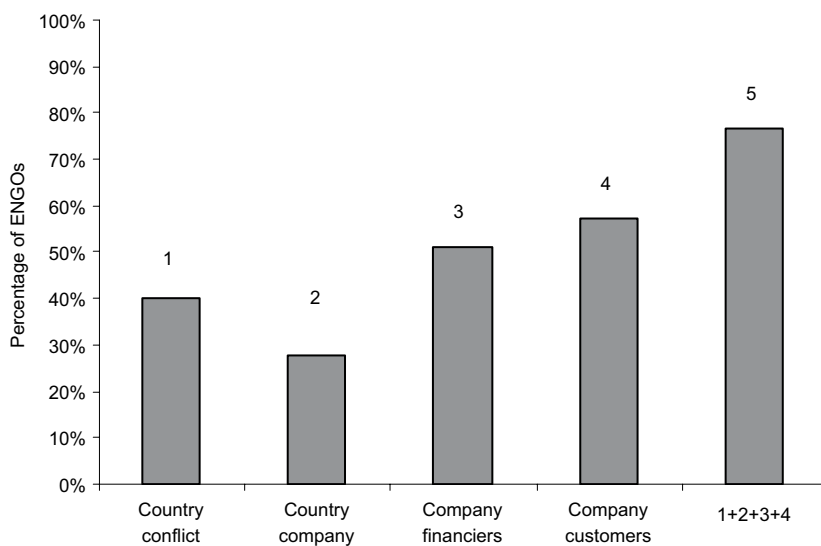


Figure 6: Distribution of the campaigning ENGOs according to: 1: Country where the conflict is located, 2: Country where the company involved has its headquarters or there are shareholders, 3: Country where the company involved has its main financiers, 4: Country where the company involved has its main customers, 5: ENGOs active in one (or more) of options 1–4. The percentages of 1–4 are not additives.

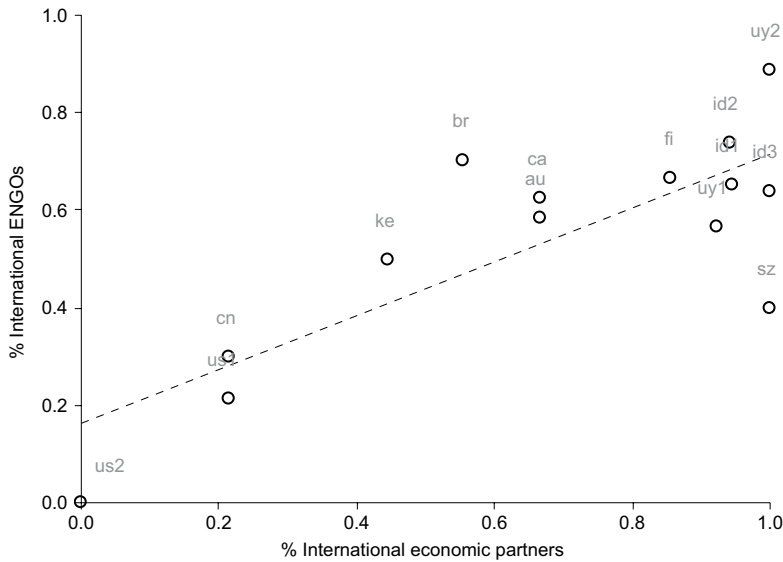


Figure 7: Percentage of international ENGOS (i.e. not acting in the country where the conflict took place) compared to the percentage of international economic partners (i.e. shareholders, customers and financiers). $R^2=0.64$, $p\text{-value}<0.001$.

extrapolations of the results of this study must be cautious, given these limitations and the intrinsic differences between the conflicts studied, the results show that there are common variables in the methods used regarding the targeting of areas of operations by the ENGOS, especially in the geographical nature of the campaigns.

The results appear to support the assumption that ENGOS often employ a blanket strategy to influence the operations of the target corporations. This fits with previous works in this area including McAdam et al. (1996), Wapner (2000), and Tarrow and McAdam (2004). The ENGOS are taking advantage of the so-called international opportunity structures (Tarrow and McAdam 2004), as the increasingly globalised nature of the forest industry facilitates the internationalisation of the ENGOS' campaigns, which is aided by the expansion of the environmental movement, for example, in Asia (see e.g. Nomura 2007).

The formation of, formal or informal, partnerships with other ENGOS increases the potential influence of ENGOS (e.g. Keck and Sikkink 1998; Wapner 2000; Gritten 2009). One can view these partnerships, leading to the blanket coverage of the target company's operations (i.e. targeting various aspects of the company's operations including their financiers, shareholders and customers), as a way that the ENGOS increase their salience, with regards to the target, thereby increasing their ability to influence the company (Gritten 2009). An example of this is APRIL

Table 3. Example of methods employed by six ENGOs (three Indonesian and three non-Indonesian) against APRIL and its partners, and the outcomes where known. It should be noted that APRIL is a private company (i.e. it has no shareholders).

ENGO	Target	Strategy	Outcome
Indonesian ENGOs			
WALHI (Friends of the Earth (FoE) Indonesia)	APRIL	Working with other ENGOs in Indonesia (e.g. Jikalahari) and abroad (e.g. FoE EWNI). Using Indonesian media to target the company	APRIL still accused by numerous ENGOs and academics of various unsustainable practices
Jikalahari	APRIL	Working with other ENGOs in Indonesia (e.g. WWF Indonesia) and abroad (e.g. FoE EWNI). Using Indonesian media to target the company	As above (WALHI)
WWF Indonesia	APRIL	Working with other WWF offices and WALHI and FoE EWNI. Using international media (CNN) to target company	As above (WALHI)
Non-Indonesian ENGOs			
FoE England, Wales, Northern Ireland	APRIL	Working with Indonesian and non-Indonesian ENGOs. British media coverage of campaign	As above (WALHI)
	Paper merchants (UK)	Meeting with paper merchants before launching of campaign. British media coverage of campaign (including BBC and Guardian newspaper)	As of 2008 five of the nine paper merchants no longer stock APRIL paper (PaperOne)
	UK Government	British media coverage of campaign	Not implemented any of recommendations of campaign
	Financial institutions	British media coverage of campaign	No formal information available
FoE Finland	APRIL	Working with Indonesian and non-Indonesian ENGOs. Publication of book and coverage in Finnish media	As above (WALHI)
	UPM-Kymmene (UPM)	Working with Indonesian and non-Indonesian ENGOs. Shareholder activism at UPM AGM and its coverage in Finnish media. Publication of book and coverage in Finnish media	Since the launch of the campaign UPM has been slowly reducing its association with APRIL. In Autumn 2009 it had ended all formal links
Robin Wood	APRIL	Working with Indonesian and non-Indonesian ENGOs	As above (WALHI)
	Paper merchant (Germany)	Campaign including demonstration outside offices of Papier Union covered in German media	As of 2009 continues to stock PaperOne

(id1) who credit pressure from ENGOs as being the main reason for improvement in the sustainability of their operations (Raitzer 2008). These groups have had varying media coverage including on the BBC and CNN, and have had success in naming and shaming the partners of the company in the media of the country of the ENGO (e.g. FoE EWNI's campaign against APRIL had coverage on the BBC) (See Table 2).

The issue of salience is particularly pertinent. Mitchell et al. (1997) provide a framework for determining the prominence of the stakeholders, with regards to the target company, including ENGOs. They categorise stakeholders according to their salience based on their legitimacy, power and urgency which will be reflected in the priority that the corporation places on each of these stakeholders. The ENGOs, through their campaigns increase their individual salience, with regards to the company, but also as a collective. It is apparent that when ENGOs start campaigning against a company this increases the salience of many of the stakeholders, with regards to the target company (Gritten 2009; Gritten and Saastamoinen in press). This is because the company's partners do not wish to be linked with a company involved in questionable practices, therefore they may choose to end their association or press the target company to change its operations. For example, UPM's relationship with APRIL, as both a partner, and later as a customer saw UPM exert significant pressure on APRIL to improve its operations, if UPM were to continue its relationship (personal correspondence Director of Issues Management, UPM).

The globalised nature that has been developing in the forest industry (e.g. Scandinavian companies investing in projects in South America and Asia), is also occurring in the ENGO movement with regards to their offices (e.g. Greenpeace opened its South Africa office in 2008). This has impacted on how they conduct their campaigns. Clear evidence of this trend is in the important role that internet plays for the ENGOs for building connections between different the groups, and also for how they disseminate their information, thereby increasing the potential impact of their campaigns, but also ensuring they maximise their funds (Blood 2001).

The internationality of the campaigns may be partly explained by the previous links that national and international ENGOs have: for example, Friends of the Earth England, Wales and Northern Ireland (FoE EWNI), already had worked with numerous ENGOs in Indonesia for their campaign against APP (id2), this facilitated their APRIL campaign (personal communication head of APRIL campaign at FoE EWNI). In addition one must consider the strong links between the offices of the national ENGOs: for example, the FoE EWNI (targeting customers, financiers, UK Government), FoE Finland (Maan ystävät) (targeting partner and Finnish Government), FoE Indonesia (WALHI) (targeting APRIL, customers, Indonesian Government) and FoE the Netherlands (Milieudefensie) (targeting customers and financiers) were working together, formally and informally, targeting different areas of APRIL's operations (see Table 2). Furthermore, ENGOs in developing nations and those in developed nations

mutually benefit by working together in campaigns (Keck and Sikkink 1998), for example, Friends of the Earth Finland's campaign against APRIL achieved legitimacy by their association with Indonesian ENGOs, such as Jikalahari (Gritten and Saastamoinen in press).

The blanket nature of ENGO campaigns is linked to the geographical dimension of the conflict. For example, FoE Finland campaigned against APRIL because of their relationship with the Finnish based UPM, using these links as a tool to pressurise APRIL (id1) (personal communication campaign leader, FoE Finland). However, FoE Finland has not actively campaigned against APP (id2), which has very similar issues to APRIL, which can be explained by the weak links between APP and Finland. While in the Metsähallitus campaign (fi) this is illustrated by Greenpeace Germany and Netherlands targeting the customers in their respective countries. Furthermore, the conflicts in North America (ca, us1 and us2) remain regional in their focus (in line with the regional extent of their economic links) which fits with the work by Sandberg et al. (2004) who felt that criticism of forestry companies in North America was national in origin.

Mikkilä and Toppinen (2008) feel that Nordic forest companies are more strongly criticised (e.g. by customers) than their Asian and North American counterparts. Our findings, though focussing on criticism by ENGOs, shows that the Asian companies, with international partners, are just as strongly criticised as those from the Nordic countries, though the pressure comes from other continents as much as from within their own country. This may also be explained by the continued growth in the media attention on deforestation in the tropics (e.g. Indonesia and Brazil), though we feel it is more likely that the ENGOs are using their resources (i.e. partner ENGOs throughout the world) to target the partners of the focus company. For example, both APP and APRIL are Asian companies, with headquarters in Singapore, but they have partners throughout the world. Therefore, the ENGOs are utilising their links where the company has, for example, customers to ensure that pressure is exerted on them so that they stop buying from these companies. Even though ENGOs' power is limited in Indonesia compared to Europe (see Nomura 2007), they are able to use their partnerships in Europe to pressure the companies in Indonesia. This is a reflection of the blanket nature of the campaigns, in other words covering as many areas of the company's operations (i.e. customers, shareholders and those providing financial services).

The link between location of market, partners and ENGOs campaigning appears to be confirmed by the results. Those companies with a broader geographical spread, in terms of sales and operations, are more likely to have a superior corporate social performance, a view supported by Brammer et al. (2006) and Mikkilä (2006), either because companies imagine that they need a better social reputation to anchor their broader operations, or because they are actually vulnerable to concrete pressures from more geographical sources. An example of this is Pan Paper Mills (ke) who do little, if any, corporate reporting,

an explanation for this, in line with Brammer et al. (2006), is because their operations and sales are confined to Kenya and East Africa.

As mentioned earlier the decision by ENGOs to campaign on an issue is based on certain factors centred around the campaign complementing the group's agenda (McAdam et al. 1996). This would influence the amount of media coverage a conflict would get. Rose (2005), a former campaign leader of Greenpeace, highlights the importance of communication, and with that media coverage, in the success of a campaign: If a campaign is unlikely to attract media coverage then it is unlikely to become a campaign issue. For example, the Pan Paper conflict (ke) has various factors against it regarding media coverage: lack of involvement of ENGOs (both local and international), little internationality regarding the issue, as well as research. An additional issue regarding Pan Paper is that Greenpeace and FoE do not have offices in Kenya and therefore do not have such a strong network compared to Brazil or Indonesia, which greatly influences the groups' ability to succeed according to the criteria of McAdam et al. (1996) as presented above. Furthermore, the environmental movement, according to Haynes (1999), is more developed in South America and Asia than in sub-Saharan Africa. This would impact on the approach taken by both local and international ENGOs in their targeting of the company. For example, regarding the Metsähallitus conflict (fi), a significant level of cooperation between the national Greenpeace offices (e.g. Greenpeace Finland, Netherlands, Germany and the UK) facilitated the high levels of pressure being brought to bear on Metsähallitus in targeting the customers in the UK, Germany and the Netherlands (personal correspondence campaign leader Greenpeace Finland). For instance they worked together establishing a campaign camp in one of the forests affected by Metsähallitus' operations, and publicised this in their respective countries, as well as utilising other tactics, such as blockading the transport of pulp from the conflict area to the Netherlands and Germany.

The APP and APRIL campaigns, though focussing on non-western companies, have attracted many national and international ENGOs as they have various factors in support, including, the previous history of campaigns by ENGOs against the pulp and paper industry in the region (e.g. Sonnenfeld 2002), support of scientists and researchers, for example at CIFOR (e.g. Barr 2001; Pirard and Cossalter 2006; Pirard and Rokhim 2006) which bring legitimacy to the campaigns (Gritten and Saastamoinen in press), as well as an active network of local and national ENGOs with links to international partners (Gritten and Kant 2007). In addition to the fashionable nature of the subject; protection of well-known endangered species include the orangutan (*Pongo pygmaeus*), and the increased concern regarding deforestation of tropical forests (e.g. Geist and Lambin 2002) make it more likely that the ENGO can overcome the five hurdles presented by McAdam et al. (1996) and therefore campaign on the issue.

The research also raised the question of what the ENGOs are trying to actually achieve in their campaigns; specifically even though the campaigns are

targeting a corporation, in the long run their aims related more to governance issues (Amenta and Young 1999). In other words the targeting of a company may be putting increased pressure on the government to introduce legal reforms, this can be viewed as being a blanket strategy as well, and is close to the boomerang pattern suggested by Keck and Sikkink (1998). For example, our correspondence with some of the campaign leaders of ENGOs targeting APRIL (i.e. FoE EWNI, FoE Finland and WWF Indonesia) showed differing campaign aims, for example, both FoE offices stated that their ultimate aim was changing the policy of Indonesian Government with regards to the pulp and paper industry, while WWF Indonesia stated their ultimate target was getting APRIL to greatly improve its operations (personal correspondence with FoE EWNI campaign leader, FoE Finland campaign leader and WWF Indonesia campaign leader).

An issue not examined here, but worth acknowledging, is the blanket strategy of the ENGOs from the perspective of tactics; specifically related to the collaborative or confrontational stance that the groups take in their campaigns against companies. For example, in the Metsähallitus conflict (fi) Greenpeace (Finland and Germany) have taken visible confrontational strategy, while the Finnish Association for Nature Conservation (FANC) has taken a more collaborative stance. The complexity of this is further illustrated by FANC, whose national office in Helsinki had a different approach in the campaign in terms of the focus compared to the regional office in Lapland, where the conflict is based: The former placed as much emphasis on the rights of the Sámi indigenous people in the area, as conserving old growth forests, while the office in Lapland played down the Sámi issue for fear of alienating other local groups (personal correspondence lead campaigner FANC).

Further research on the topic can include the chronological factors associated with each of the links established by the conflicts. A deeper examination of this and its impacts on the campaigns is of value, especially if it is done in conjunction with a detailed study of the impact of the blanket campaigns, in geographical terms, on the success or failure of a campaign. In addition, the analysis of a broader number of conflicts, for example, including campaigns against oil palm companies, can help to confirm the hypotheses examined in this paper. A large number of cases can also allow the application of more complex geo-statistical techniques, and would permit the inclusion of other variables associated with the political and socio-economical context of the counties involved.

5. Conclusions

This is the first study, to the authors' knowledge, that analyses the connections between a forest company/enterprises' partners (financiers, shareholders and customers) and the location of ENGOs targeting the company, using a broad

sample of empirical cases. There appears to be a strong geographical link between the site of the company's partners and the location of the ENGOs, which supports the idea that a blanket strategy is used by ENGOs when campaigning against the forest industry, covering various aspects of the target company's operations. Though there are various factors that determine whether the blanket strategy is utilised.

The work attempts to develop this relatively under-researched field of the relationship between ENGOs and the forest industry, which is particularly relevant considering the inevitable campaigns that result from company's establishing new operations. The conclusions of the study provide potential input in forest industry's interaction with its stakeholders, including ENGOs: for example, opening a dialogue process with ENGOs not just in the country of operations, but also in countries where the company has its customers.

The work also raises questions related to future research regarding the intensity, impact and media coverage of conflicts related to forest management and the role of ENGOs within this. Future research that includes a broader number of cases, compares the strategies of ENGOs including the levels of networking and the temporal dimension of the links, and includes indicators based on, for example, the political system and the degree of development of the countries involved would be a logical progression from the work presented here.

Literature cited

- Amenta, E. and M. Young. 1999. Making an impact: Conceptual and methodological implications of the collective goods criterion. In *How social movements matter*, eds. M. Giugni, D. McAdam, and C. Tilly, 22–41. USA: University of Minnesota Press.
- Audubon. 2009. Watchlist: Spotted Owl. National Audubon Society. <http://web1.audubon.org/science/species/watchlist/profile.php?speciesCode=spowwl> (accessed: October 26, 2009).
- Bank Track. No Date. Dodgy deals: Asia Pulp and Paper China. http://www.banktrack.org/show/dodgydeals/asia_pulp_and_paper. (accessed: October 26, 2009).
- Barr, C. 2001. *Banking on sustainability: Structural adjustment and forestry reform in post-Suharto Indonesia*. Washington, DC, USA: WWF Macroeconomics Program Office and CIFOR.
- Barr, C. and C. Cossalter. 2004. China's development of a plantation-based industry: Government policies, financial incentives, and investment trends. *International Forestry Review* 6(3–4):267–281.
- Blood, R. 2001. Activism and the Internet: From e-mail to new political movement. *Journal of Communication Management* 5(2):160–169.

- Brammer, S., S. Pavelin, and L. Porter. 2006. Corporate social performance and geographical diversification. *Journal of Business Research* 59:1025–1034.
- Broad, R. and J. Cavanagh. 1999. The corporate accountability movement: lessons and opportunities. *The Fletcher Forum on World Affairs* 23(2):151–169.
- Buckman, G. 2008. *Tasmania's Wilderness Battles: A History*. USA: Allen & Unwin.
- Chamshama, S. and F. Nwonwu. 2004. Forest plantations in sub-Saharan Africa. A report prepared for the project lessons Learnt on Sustainable Forest Management in Africa. http://www.ksla.se/sv/retrieve_file.asp?n=749 (accessed: October 26, 2009).
- Clapp, J. and P. Utting. 2008. Corporate responsibility, accountability and law: an introduction. In *Corporate accountability and sustainable development*, eds. P. Utting, and J. Clapp, 1–33. UK: Oxford University Press.
- Cress, D. and D. Snow. 1996. Mobilization at the margins: Resources, benefactors, and the viability of homeless social movement organizations. *American Sociological Review* 61:1089–1109.
- DTE. 2006. One step forward, two steps back. Down to Earth No. 68, February 2006. <http://dte.gn.apc.org/68pul.htm> (accessed: October 26, 2009).
- Earth Justice. 2009. Hopeful Sign for Spotted Owl, Pacific NW Forests. <http://www.earthjustice.org/news/press/2009/hopeful-sign-for-spotted-owl-pacific-nw-forests.html>. (accessed: October 26, 2009).
- ELAW. 2008. Cleaning up polluted places. Environmental Law Alliance Worldwide. <http://www.elaw.org/node/1287> (accessed: October 26, 2009).
- Eyes on the Forest. 2006. Eyes on the Forest December 2005 Investigative Report. <http://www.eyesontheforest.or.id/investigation/Des%2005%20update%20report.pdf> (accessed: January 21, 2009).
- Fig, D. 2007. Questioning CSR in the Brazilian Atlantic Forest: the case of Aracruz Celulose SA. *Third World Quarterly* 28(4):831–849.
- Gale, R. 2005. Old growth logging: does it matter if environmental protection costs jobs? *International Journal Environment, Workplace and Employment* 1(2):203–220.
- Geist, H. and E. Lambin. 2002. Proximate causes and underlying driving forces of tropical deforestation. *BioScience* 52:143–150.
- Greenpeace. 2004. Rudolph goes hungry as Lapland's forests disappear. Greenpeace UK. <http://www.greenpeace.org.uk/media/press-releases/rudolph-goes-hungry-as-laplands-forests-disappear> (accessed: October 26, 2009).
- Greenpeace. 2008. Clayoquot Sound – Beautiful, rare and still at risk. Greenpeace Canada. <http://www.greenpeace.org/canada/en/recent/clayoquot-sound-beautiful> (accessed: October 26, 2009)
- Greenpeace. No date a. History of Greenpeace's Canadian Rainforest campaign. Greenpeace UK. <http://www.uk.greenpeace.org.uk/files/pdfs/migrated/Multi-mediaFiles/Live/FullReport/3457.pdf> (accessed: October 26, 2009).
- Greenpeace. No date b. Forest Rescue Station. <http://weblog.greenpeace.org/forestrescue/> (accessed: October 26, 2009).

- Gritten, D. 2009. *Facilitating resolution of forest conflicts through understanding the complexity of the relationship between forest industry and environmental groups*. Helsinki, Finland: Dissertationes Forestales 91. The Finnish Society of Forest Sciences.
- Gritten, D. and P. Kant. 2007. Assessing the impact of environmental campaigns against the activities of a pulp and paper company in Indonesia. *International Forestry Review* 30(4):819–834.
- Gritten, D. and O. Saastamoinen. in press. The Roles of Legitimacy in Environmental Conflict: an Indonesian Case Study. *Society and Natural Resources*.
- Guayubira. 2006. Uruguay: Though not yet in operation, Metsa Botnia's pulp mill already smells rotten. Press Release Guayubira Group Uruguay December 12, 2006. http://www.illegal-logging.info/item_single.php?item=news&item_id=1832&approach_id=1 Accessed: 03/02/2009.
- Haynes, J. 1999. Power, Politics and Environmental Movements in the Third World. *Environmental Politics* 8(1):222–242.
- Hill, M., T. Saviello, and S. Groves. 2002. The greening of a pulp and paper mill. *Journal of Industrial Ecology* 6(1):107–120.
- Illegal Logging. 2007. ECA Brief: Pulp mills in Uruguay. http://www.illegal-logging.info/approach.php?a_id=98 (accessed: October 26, 2009).
- John, S. and S. Thomson. 2003. *New activism and the corporate response*. Basingstoke, UK: Palgrave Macmillan. pp. 308.
- Joutsenvirta, M. and E. Vaara. 2008. Discursive (de)legitimation of a contested Finnish Greenfield investment project in Latin America. *Scandinavian Journal of Management* 25(1):85–96.
- Jurgens, E., C. Barr, and C. Cossalter. 2005. *Brief on the planned United Fiber System (UFS) Pulp Mill Project for South Kalimantan, Indonesia*. Indonesia: Forest Governance Programme No. 3, Center for International Forestry Research. pp. 48.
- Keck, M. and K. Sikkink. 1998. *Activists beyond borders: Advocacy networks in international politics*. Ithaca and London: Cornell University Press.
- Kyllönen, S., A. Colpaert, H. Heikkinen, M. Jokinen, J. Kumpula, M. Marttunen, K. Muje, and K. Raitio. 2006. Conflict management as a means to the sustainable use of natural resources. *Silva Fennica* 40(4):687–728.
- Lange, J. 1993. The logic of competing information campaigns: conflict over old growth and the spotted owl. *Communication monographs* 60(3):239–257.
- Lertzman, D. and H. Vredenburg. 2005. Indigenous peoples, resource extraction and sustainable development: An ethical approach. *Journal of Business Ethics* 56:239–254.
- Lima-Toivanen, M. and M. Mikkilä. 2006. *Stronger demands over newcomers in Latin American Businesses: the case of the pulp mills in Uruguay*. Paper presented at the International Conference: Civil Society and Environmental Conflict: Public participation and regulation. Helsinki, Finland: 17th November 2006, Finnish Environment Institute.

- Matthew, E. and J. van Gelder. 2002a. *Paper tiger, hidden dragons 2: APRIL fools: The forest destruction, social conflict and financial crisis of Asia Pacific Resources International Holdings Ltd APRIL, and the role of financial institutions and paper merchants*. London: Friends of the Earth.
- Matthew, E. and J. van Gelder. 2002b. *Paper tiger, hidden dragons: The responsibility of international financial institutions for Indonesian forest destruction, social conflict and the financial crisis of Asia Pulp and Paper*. Profundo, London: Friends of the Earth. p. 68.
- McAdam, D., J. McCarthy, and M. Zald. 1996. Opportunities, mobilizing structures, and framing processes – toward a synthetic, comparative perspective on social movements. In *Comparative Perspectives on Social Movements*, eds. D. McAdam, J. McCarthy, and M. Zald. Cambridge, UK: Cambridge University Press.
- Mikkilä, M. 2006. *The many faces of responsibility: Acceptability of the global pulp and paper industry in various societies*. Helsinki, Finland: Dissertationes Forestales 25. The Finnish Society of Forest Sciences.
- Mikkilä, M. and A. Toppinen. 2008. Corporate responsibility reporting by large pulp and paper companies. *Forest Policy and Economics* 10(7–8): 500–506.
- Mitchell, R., B. Agle, and D. Wood. 1997. Toward a theory of stakeholder identification and salience: defining the principle of how and what really counts. *Academy of Management Review* 22(4):853–886.
- Murphy, D. and J. Bendell. 1997. *In the company of partners: business, environmental groups and sustainable development post-Rio*. Bristol, UK: The Policy Press. pp. 408.
- Newell, P. 2001. Environmental NGOs, TNCs and the question of governance. In *The international political economy of the environment: critical perspectives*, eds. S. Dimitris, and V. Assetto, 85–107. USA: Lynne Rienner Publishers.
- Nomura, K. 2007. Democratisation and environmental non-governmental organisations in Indonesia. *Journal of Contemporary Indonesia* 37(4):495–517.
- NRCM. 2005. NRCM, NRDC Sue International Paper for polluting Androscoggin River. http://www.nrcm.org/news_detail.asp?news=188 (accessed: October 26, 2009).
- People for less pollution. No Date. IP History of Law Suits and Permit Violations. http://www.lesspollution.org/ip_history.html. (accessed: October 26, 2009).
- Pirard, R. and C. Cossalter. 2006. *The Revival of Industrial Forest Plantations in Indonesia's Kalimantan Provinces: Will they help eliminate fiber shortfalls at Sumatran pulp mills or feed the China market?* Indonesia: CIFOR Working Paper No. 37, CIFOR.
- Pirard, R. and R. Rokhim. 2006. *Asia Pulp and Paper Indonesia: The business rationale that led to forest degradation and financial collapse*. Indonesia: CIFOR Working Paper No. 33, CIFOR.

- Pulp Inc. 2006. Letter to Merrill Lynch, Australia and New Zealand Banking, and Cellmark from 93 NGOs in 27 countries regarding environmental, social and financial risks related to the United Fiber Systems pulp and chip mills and the Kiani Kertas pulp mill in Kalimantan, Indonesia. <http://pulpinc.files.wordpress.com/2007/01/ufs-ngo-letter-18-nov-06.pdf> (accessed: October 26, 2009).
- Raitio, K. 2008. "You can't please everyone" conflict management practices, frames and institutions in Finnish state forests. Joensuu, Finland: Joensuun yliopiston yhteiskuntatieteellisä 86.
- Raitzer, D. 2008. *Assessing the impact of CIFOR's influence on policy and practice in the Indonesian pulp and paper sector*. Indonesia: Impact Assessment Paper, CIFOR. p. 85.
- Rose, C. 2005. *How to win campaigns: 100 steps to success*. London, UK: Earthscan.
- Ruggie, J. 2003. Taking embedded liberalism global: The corporate connection. In *Taming globalization: Frontiers of governance*, eds. D. Held, and M. Koenig-Archibugi. Cambridge, UK: Polity Press.
- Sandberg, L.A., N. Houde and P. Lavoie. 2004. Beyond L'Erreur boréale: the forest industry, environmentalism and image production in Québec, Canada. In *Politics of Forests. Northern Forest-industrial Regimes in the Age of Globalisation*, eds. A.A. Lehtinen, J. Donner-Amnell, B. Saether, 63–83. Ashgate, Hants, England. USA: Burlington.
- Situma, L., L. Etiégni, S. Shitote, and B. Orori. 2002. Biochemical modeling of Pan African paper Mills aerated lagoons, Webuye, Western Kenya. African pulp and paper week. 8–11 October 2002. http://www.tapps.co.za/archive/APPW2002/Title/Biochemical_modeling/biochemical_modeling.html (accessed: October 26, 2009).
- Sonnenfeld, D. 2002. Social movements and ecological modernization: The transformation of pulp and paper manufacturing. *Development and Change* 33(1):1–28.
- Stanbury, W. and I. Vertinsky. 1997. Boycotts in Conflicts over Forestry Issues: The Case of Clayoquot Sound. *Commonwealth Forestry Review* 76(1):18–24.
- Tarrow, S. and D. McAdam. 2004. Scale shift in transnational contention. In *Transnational protest and global activism*, eds. D. della Porta, and S. Tarrow. USA: Rowman and Littlefield.
- Tilly, C. 1999. From interactions to outcomes in social movements. In *How social movements matter*, eds. M. Giugni, D. McAdam, and C. Tilly, 253–270. USA: University of Minnesota Press.
- Urgewald. 2007. *Banks, Pulp and People*. Germany: Urgewald.
- Wapner, P. 2000. The Transnational Politics of Environmental NGOs: Governmental, Economic and Social Activism. In *The Global Environment in the Twenty-First Century: Prospects for International Cooperation*, ed. P. Chasek, 87–108. United Nations University Press.
- WRM. 2004. Swaziland: Timber Plantations Impacting on People and Nature. <http://www.wrm.org.uy/bulletin/82/Swaziland.html>. (accessed: October 26, 2009).
- WRM. 2005a. Australia: Gunns plans massive new pulp mill in Tasmania. World Rainforest Movement Bulletin 94, May 2005. <http://www.wrm.org.uy/bulletin/94/Australia.htm> (accessed: October 26, 2009).

- WRM. 2005b. APP's illegal logging in China. World Rainforest Movement Bulletin 98, September 2005.
- WRM. 2006a. Brazil: Veracel's deceitful practices. World Rainforest Movement Bulletin 115. http://www.wrm.org.uy/bulletin/115/Brazil_2.html. (accessed: October 26, 2009).
- WRM. 2006b. Swaziland: Impacts of Mondi Peak plantations certified by FSC. World Rainforest Movement Bulletin 108. http://www.wrm.org.uy/bulletin/108/Swaziland_Mondi_Peak.html. (accessed: October 26, 2009).
- WRM. 2007. Kenya: Pan Paper plans to expand its polluting operations. World Rainforest Movement Bulletin 123. www.wrm.org.uy/bulletin/123/Kenia.html. (accessed: October 26, 2009).
- WRM. 2008. Australia/Tasmania: Deal favours Gunns' pulp mill project despite popular opposition. World Rainforest Movement Bulletin 130. http://www.wrm.org.uy/bulletin/130/Australia_Tasmania.html. (accessed: October 26, 2009).
- WRM. 2009. Uruguay: The Ence, Arauco and Stora Enso's eucalyptus and pulp fairytales. World Rainforest Movement Bulletin 143. <http://www.wrm.org.uy/bulletin/143/Uruguay.html>. (accessed: October 26, 2009).
- WWF. 2006. WWF brief June 2006: Asia Pulp and Paper (APP). WWF Indonesia June 2006. (Available from: www.wwf.or.id).
- Xia, C. 2008. The wind rises abruptly, disturbing a pond of 'Clear Water': reflections on the pollution blacklisting of 33 Chinese multinationals. *Journal of Cleaner Production* 16(4):510–516.
- Yaffee, S. 1994. *The Wisdom of the Spotted Owl: Policy lessons for a new century*. Washington, DC, USA: Island Press. pp. 430.

Appendix I: Information regarding case studies

Gunns, Australia (conflict identification au).

Gunns purchase of a Tasmanian woodchip company in 2000, and subsequent purchases of other woodchip mills, saw the beginning of its troubles with environmentalists. The environmentalists, including ENGOs and members of the Green political party, have been campaigning to defend Tasmania's natural forests claiming that Gunns have been felling large tracts to feed their mills. The conflict intensified when the company filed a writ, in 2004, against 20 individuals (who became known as the Gunns 20), including ENGO activists and members of Green political party, claiming that the protests by these individuals were illegally interfering with its trade (Buckman 2008). The environmentalists feelings towards Gunns also is strengthened by the fact that the company plans to build a pulp mill in Tasmania that will use timber from natural forests to partially meet its timber demands, in addition to fears regarding pollution produced by the mill (WRM 2005).

Veracel, Brazil (br).

Veracel pulp mill, situated in Bahia Province, is the result of a partnership between Aracruz Cellulose of Brazil and Stora Enso (Sweden-Finland). The

first plantations (eucalyptus) were established in 1991, and after various delays the mill started operations in 2005. As of 2008 its production capacity was 1.8 million tonnes (Fig 2007), sourcing its timber from over 78,000 ha of plantations (Veracel n.d.). The mill has been the focus of attention by ENGOS regarding environmental and socio-economic issues; including polluting of the local, Jequitinhonha river and forced migration (WRM 2006; Urgewald 2007).

MacMillan Bloedel, Canada (ca).

The conflict in Clayoquot Sound, on Vancouver Island, is centred on the operating practices, primarily clear cutting, of the forest industry in the area. Sustained opposition to the practices, specifically those of MacMillan Bloedel (MB), started in late 1970s. The area is also home to First Nations (indigenous peoples). The conflict reached a peak in 1993 when the Government of British Columbia, through the Clayoquot Land Use Decision announced that they would permit logging in most of the old growth forest in the area. In response there were mass protests blockading logging roads in the area, primarily targeting the MB. The protests, and campaigns by ENGOS, contributed to a significant reduction in the amount of logging, with MB suffering as a result, with the company announcing that it would shift from clear felling to selective logging (Hayter 2004).

APP China (Yunnan), China (cn).

APP has operations (plantations and mills) in many of China's southern provinces, including Guangxi, Hainan and Guangdong. APP acquired over 1.8 million ha of land in Yunnan, in 2002, for a forest-pulp-paper integration project. The company, which is also facing pressure for its operations in Indonesia, has been strongly criticised by numerous ENGOS regarding its operations, including accusations of involvement in illegal logging (WRM 2005).

Metsähallitus, Finland (fi).

The conflict in Upper Lapland, northern Finland is centred on conflicting land uses, with on one side a state forest enterprise, the Finnish Forest and Park Service (Metsähallitus), and on the other reindeer herders. This long running, since the 1960s, conflict is based on the herders' perception that the Finnish Forest and Park Service's operations in Upper Lapland are endangering their livelihoods as felling in reindeer pasture areas limits the availability of winter food, thereby incurring extra expenses for the herders, whose livelihoods are already endangered by higher costs, such as for slaughtering as well as increased competition (Raitio 2008). The Finnish Forest and Park Service, in response, has significantly reduced their felling in the areas to half that of the 1980s (Sihvo 2006). As a result the total annual cut in private and state forests in the area is significantly less than the highest allowable cut (Sihvo 2006). Additionally a central issue in this conflict is that of land rights which dates back to the middle ages. It was exacerbated by

immigration into Sámi areas (the Sámi are the original settlers in the region). This, coupled with the current conflict, has resulted in the feeling among the Sámi that their rights are being ignored.

Asia Pacific Resources International Holdings Ltd. (APRIL), Indonesia (id1).

APRIL has a pulp and paper mill (PT. Riau Andalan Pulp and Paper – RAPP) in Riau, on the island of Sumatra. The company began establishing plantations in 1993 after securing a long-term lease for 330,000 ha of concessions from the Indonesian Government (APRIL 2006). The company, since it started operations in the area, has had issues regarding deforestation and establishing plantations on land claimed by indigenous peoples. As a result numerous ENGOs at home [e.g. Friends of the Earth Indonesia (also known as WALHI) and Jikalahari] and abroad, including Friends of the Earth England, Wales and Northern Ireland who are also campaigning against Asia Pulp and Paper's Indonesian operations (id2), have campaigned against APRIL's operating practices, targeting various aspects of its operations (Matthew and van Gelder 2002a; Eyes on the Forest 2006). For example, FoE EWNI have targeted paper merchants in the UK selling APRIL products, and financial institutions offering APRIL their services by naming and shaming them in their publications, which was covered by the Guardian newspaper. While FoE Finland have targeted UPM-Kymmene (UPM) in its capacity as a partner (they shared ownership of a mill, and UPM provided loans to APRIL) and customer of the company. FoE Finland strategy included using shareholder activism. In response to the criticism by the ENGOs, APRIL have claimed that they are acting in accordance with their legal obligations as well as following their contractual obligations with the legal owners of the land, the Indonesian Government (APRIL 2006). In 2009 UPM-Kymmene who were an important customer, in terms of image, stopped buying pulp from APRIL thereby completing ending their association.

Asia Pulp and Paper (APP), Indonesia (id2).

APP's mill in Sumatra (PT. Indah Kiat Pulp and Paper) is located roughly 100 km from the APRIL (RAPP) mill. The mill has access to over 400,000 ha of concessions (Barr 2001). Asia Pulp and Paper's (APP) operations in Sumatra, like APRIL's, have drawn significant criticism from various ENGOs (e.g. Matthew and van Gelder 2002b), as well as from researchers and scientists at Centre for International Forest Research (CIFOR) (e.g. Pirard and Rokhim 2006). The company is in conflict with indigenous groups over land rights, in addition to ENGOs campaigning against them on various issues including illegal logging and starting forest fires. APP have signed agreements with WWF and Rainforest Alliance to work together to improve its operations, though both ended prematurely due to the ENGOs believing that the company was not making enough progress. Additionally in recent times numerous of its customers, such as Staples, have ended their association with the company.

UFS, Kalimantan (id3).

United Fibre System, headquartered in Singapore, is planning various projects in Kalimantan, Indonesia including the proposed construction of a pulp mill and wood chip plant, as well as the ongoing management of a pulp mill. The company has plantations in the province for feeding the proposed and current mills. There are numerous questions posed by ENGOs, such as DTE and WRM, as well as by CIFOR (Jurgens et al. 2005) regarding sustainability, on many levels, of the mills. ENGOs have been attempting to limit the sources of potential funding for the mills (e.g. DTE 2006).

Pan Paper, Kenya (ke).

Pan African Paper Mill, in Webuye in Western Kenya, was established in 1974. The mill's original production capacity was 45,000 tonnes of paper per year, but various expansions of the mill have increased the capacity to its present day 120,000 tonnes (Situma et al. 2002). The mill's history has been dogged by accusations, by NGOs and ENGOs, regarding both air and water pollution, as well as being linked to deforestation (e.g. WRM 2007). In addition the mill has been under severe financial pressure, which resulted in it ceasing operation in February 2009.

Mondi, Swaziland (sz).

Mondi forests (also known as Peak Timbers) is one of four forestry companies operating in Swaziland, managing over 30,000 ha of land, most of which is plantations. The timber that is harvested is processed in Mondi mills in South Africa, and then usually exported (Chamshama and Nwonwu 2004). ENGOs, such as WRM and South African Timberwatch have been campaigning against the company on the impacts of the plantations on local communities.

Northern Spotted owl (Strix occidentalis caurina), USA (us1).

The Spotted owl conflict, in the Pacific Northwest, has its origins in scientific research conducted in the 1970s which found that the survival of the owl depended on old growth forests which were being exploited for logging. In response to this research, and the inaction of the US Government, the Audubon Society launched a lawsuit against the Government (Fish and Wildlife Service) to get them to list the species as threatened, with success. Logging in the national forests in the area was halted in 1991. However, the timber industry feared that numerous jobs would be lost as a result. Protection under the Endangered Species Act and the National Forest Management Act, as well as the introduction of the Northwest Forest Plan in 1994 was designed to assist in the recovery of the owl numbers, but the pay-off was a reduction in logging.

International Paper (IP), Androscoggin mill, Jay, Maine (us2).

The Androscoggin pulp and paper mill, built in 1965, has been at the centre of differing disputes during its history. These include issues include workers' rights

(late 1980s) (Hill et al. 2002) and issues regarding pollution of the Androscoggin river (e.g. NRCM 2005). The latter issue has seen local ENGOs taking IP, the owner of the mill, to court in an attempt to get the company to clean the river as well as improve its operating practices.

Metsä Botnia, Uruguay (uy1).

The conflict is between various groups, with the most visible being between the governments of Argentina and Uruguay over the construction of pulp mills on the River Plate. Originally two mills were to be built in the area near to the town of Frey Bentos; one by ENCE (see above) and the other by Metsä-Botnia (who received authorisation in 2005). The conflict's political dimensions originate from claims by Argentina that the mills' construction and operation contravenes a treaty signed between the two countries regarding the River Plate. The Metsä-Botnia mill produced its first pulp in November 2007. In July 2009 UPM announced it would take over full ownership of the mill, previously it had been part owner through its shareholdings in Metsä-Botnia. In 2009 UPM announced they would take over the entire operation.

ENCE, Uruguay (uy2).

Ence started investing in Uruguay in 1990 when it commenced establishing plantations. In 2003 the company received permission from the Uruguay government to build a mill in the town of Fray Bentos, on the close to the proposed mill of Metsä-Botnia. In 2006 the company announced that it was ceasing construction of the mill. In 2009 the company sold its plantations to Stora Enso. The Government of Argentina is concerned about possible pollution of the river as a result. Additionally numerous groups including ENGOs and civil rights groups have protested against the construction of the mills (e.g. Guayubira 2006); which saw the blockading of a bridge linking the two countries, partly led by Argentinean and Uruguayan ENGOs. Protests against the mills of Metsä-Botnia and Ence included choice of technology of the mills, overestimation of employment opportunities and failure to consider impacts on the River Plate where the mills would be situated (Lima-Toivanen and Mikkilä 2006).

Literature cited

- APRIL. 2006. Sustainability report: Driving a sustainable culture. APRIL. (Available from www.aprilasia.com).
- Buckman, G. 2008. *Tasmania's Wilderness Battles: A History*. Allen & Unwin.
- Chamshama, S. A. O. and F. O. C. Nwonwu. 2004. Forest plantations in sub-Saharan Africa. A report prepared for the project lessons Learnt on Sustainable Forest Management in Africa. FAO, AFORNET. http://www.ksla.se/sv/retrieve_file.asp?n=749.
- DTE. 2006. One step forward, two steps back. Down to Earth No. 68, February 2006. <http://dte.gn.apc.org/68pul.htm>.

- Eyes on the Forest. 2006. Eyes on the Forest December 2005 Investigative Report. <http://www.eyesontheforest.or.id/investigation/Des%2005%20update%20report.pdf>. Accessed: 25/01/2009.
- Fig, D. 2007. Questioning CSR in the Brazilian Atlantic Forest: the case of Aracruz Celulose SA. *Third World Quarterly* 28(4):831–849.
- Guayubira. 2006. Uruguay: Though not yet in operation, Metsa Botnia's pulp mill already smells rotten. Press Release Guayubira Group Uruguay December 12, 2006. http://www.illegal-logging.info/item_single.php?item=news&item_id=1832&approach_id=1. Accessed: 03/02/2009.
- Hayter, R. 2004. Requiem for a 'Local' Champion: Globalization, British Columbia's forest economy and MacMillan Bloedel. In *Politics of forests. Northern forest-industrial regimes in the age of globalisation*, eds. A. A., Lehtinen, J. Donner-Amnell, and B. Saether, 33–61. England: Ashgate.
- Hill, M., T. Saviello, and S. Groves. 2002. The greening of a pulp and paper mill. *Journal of Industrial Ecology* 6(1):107–120.
- Jurgens, E., C. Barr, and C. Cossalter. 2005. *Brief on the planned United Fiber System (UFS) Pulp Mill Project for South Kalimantan, Indonesia*. Bogor, Indonesia: Forest Governance Programme No. 3, Center for International Forestry Research. pp. 48.
- Lima-Toivanen, M. and M. Mikkilä. 2006. *Stronger demands over newcomers in Latin American Businesses: the case of the pulp mills in Uruguay*. Paper presented at the International Conference: Civil Society and Environmental Conflict: Public participation and regulation. Helsinki, Finland: 17th November 2006, Finnish Environment Institute.
- Matthew, E. and J. Willem van Gelder. 2002a. *Paper tiger, hidden dragons 2: APRIL fools: The forest destruction, social conflict and financial crisis of Asia Pacific Resources International Holdings Ltd APRIL, and the role of financial institutions and paper merchants*. London: Friends of the Earth.
- Matthew, E. and J. Willem van Gelder. 2002b. *Paper Tiger, Hidden Dragons: The responsibility of international financial institutions for Indonesian forest destruction, social conflict and the financial crisis of Asia Pulp and Paper*. Profundo, London: Friends of the Earth. p. 68.
- NRCM. 2005. NRCM, NRDC Sue International Paper for Polluting Androscoggin River. http://www.nrcm.org/news_detail.asp?news=188.
- Pirard, R. and R. Rokhim. 2006. *Asia Pulp and Paper Indonesia: The business rationale that led to forest degradation and financial collapse*. Bogor, Indonesia: CIFOR Working Paper No. 33. Center for International Forestry Research.
- Raitio, K. 2008. "You can't please everyone" conflict management practices, frames and institutions in Finnish state forests. Joensuu, Finland: Joensuun yliopiston yhteiskuntatieteellisiä julkaisuja nro 86.
- Sihvo, J. 2006. Ylä-Lapin luonnonvarasuunnitelma 2006–2010. Tarkistukset luonnonvarasuunnitelmaan 2001–2010.

- Situma, L., L. Etiégni, S. Shitote, and B. Orori. 2002. Biochemical modeling of Pan African paper Mills aerated lagoons, Webuye, Western Kenya. African pulp and paper week: Adding value in a global industry. 8–11 October 2002. http://www.tappsa.co.za/archive/APPW2002/Title/Biochemical_modeling/biochemical_modeling.html Accessed: 03/06/2009.
- Urgewald. 2007. *Banks, Pulp and People: A Primer on Upcoming International Pulp Projects*. Germany: Urgewald.
- Veracel. No date. Forestry Operations: Land Occupation. <http://www.veracel.com.br/web/en/florestais/> Accessed: 18/08/2009.
- WRM. 2005. Australia: Gunns plans massive new pulp mill in Tasmania. World Rainforest Movement Bulletin 94, May 2005. <http://www.wrm.org.uy/bulletin/94/Australia.htm>. Accessed: 03/02/2009.
- WRM. 2006. Brazil: Veracel's deceitful practices. World Rainforest Movement bulletin No. 115. February 2006. http://www.wrm.org.uy/bulletin/115/Brazil_2.html. Accessed: 13/05/2009.
- WRM. 2007. Kenya: Pan Paper plans to expand its polluting operations. World Rainforest Movement Bulletin No. 123 (October 2007). www.wrm.org.uy/bulletin/123/Kenia.html. Accessed: 03/02/2009.