



OPEN ACCESS

Turning a threat into an opportunity: British American Tobacco's weakening of the Protocol to Eliminate Illicit Trade in Tobacco Products

Benoît Gomis,¹ Allen William Andrew Gallagher² ,² Andy Rowell,² Anna B Gilmore²

¹Former consultant, Tobacco Control Research Group, University of Bath, Bath, UK
²Tobacco Control Research Group, Department for Health, University of Bath, Bath, UK

Correspondence to

Allen William Andrew Gallagher, Health, University of Bath Department for Health, Bath, BA2 7AY, UK; aag68@bath.ac.uk

Received 13 April 2020

Revised 10 August 2020

Accepted 14 September 2020

Published Online First

16 September 2021

ABSTRACT

Background Previous research has outlined transnational tobacco company (TTC) efforts to undermine implementation of the Protocol to Eliminate Illicit Trade in Tobacco Products (Protocol) and evidence of ongoing TTC complicity in the illicit tobacco trade (ITT). However, the industry's views on the Protocol and role in its development are not well understood.

Methods Systematic searching and analysis of leaked documents—approximately 15 000 from British American Tobacco (BAT) and 35 from Philip Morris International, triangulated via searches of online resources and interviews with five stakeholders across academia, international organisations, governments, civil society and the private sector.

Findings Evidence indicates that after privately viewing the Protocol as a significant threat (2003), BAT worked to influence its content, while publicly signalling support for it (2007–2012), and was largely satisfied with the final text. BAT successfully pushed for a non-prescriptive text which enabled further country-level TTC influence during the Protocol's implementation phase. The final text also reflected other BAT policy preferences, including preventing outright bans on duty-free sales and intermingling, and making it difficult to sanction and hold tobacco companies accountable for ongoing involvement in the ITT. TTC representatives were present during early Protocol negotiations, despite rules against this, and BAT obtained draft texts before they were public and paid at least one delegate to support its position.

Conclusions BAT's primary interest in shaping the Protocol was to minimise its financial and legal costs for BAT while maximising potential costs to small competitors. These findings raise concern about the Protocol's ability to control the ITT, particularly given TTCs' intention to influence ongoing national implementation. An effective Protocol is vital to controlling both the ITT and ongoing tobacco industry involvement in it and, in turn, governments' ability to increase tobacco taxes and thereby save lives.

INTRODUCTION

The Protocol to Eliminate Illicit Trade in Tobacco Products (Protocol) was developed under the Framework Convention on Tobacco Control (FCTC) as a coordinated international response to the illicit tobacco trade (ITT). In the 1990s, wide-ranging investigations from media, academic, law enforcement and judicial organisations uncovered overwhelming evidence of transnational tobacco company (TTC) involvement in the ITT, dating

back to the 1960s.^{1–14} This led to guilty verdicts in legal action and agreements between the TTCs and a range of national governments and international organisations as they tackled the ITT.¹⁵

The Protocol outlines steps Parties should take to tackle the ITT: these include requirements to establish tracking and tracing (T&T) systems for tobacco products in their own jurisdictions which then combine to form a global T&T regime, which aims to control the tobacco product supply chain.^{16 17}

The Protocol's policy process began at the first Conference of the Parties (CoP) to the FCTC in 2006 where Parties decided to convene an expert group to prepare a template for a protocol (see [table 1](#) for timeline).¹⁸

At the second CoP, in 2007, Parties agreed to establish an Intergovernmental Negotiating Body (INB), open to all FCTC Parties, to draft and negotiate the Protocol. The illicit trade protocol (ITP) was adopted at the fifth CoP in 2012 and entered into force in September 2018 (see [table 1](#)).

Previous research shows that after their complicity in the ITT being exposed, and while the Protocol was being developed, the TTCs created their own track and trace (T&T) system and established third parties to promote it (see [table 1](#) for timeline).^{15 19 20} Simultaneously they purportedly made extensive efforts to ingratiate themselves with authorities tasked with addressing the ITT, funding organisations, conferences, training and research to create a supportive policy environment and to be perceived as a solution to the ITT, rather than the key driver of the problem.¹⁵ Evidence also indicates that the majority of product on the ITT continues to originate from TTC supply chains and that the major TTCs may in fact also be responsible for some illicit white products.^{21–23}

However, the industry's views on the Protocol and role in its negotiation and development have not yet been examined. By analysing previously unreleased leaked internal documents, this paper investigated how British American Tobacco (BAT) attempted to mould the text of the Protocol and to what extent the company was successful in doing so.

This work is the first to examine a TTC's role in shaping the Protocol and thus provides a unique contribution to the literature. Taxation is the most effective way to reduce smoking prevalence and makes important contributions to national economies, especially in low to middle-income countries (LMIC). Yet governments, particularly in LMICs, are often concerned that increasing taxes would lead to more ITT, an argument widely promoted by the



© Author(s) (or their employer(s)) 2022. Re-use permitted under CC BY-NC. No commercial re-use. See rights and permissions. Published by BMJ.

To cite: Gomis B, Gallagher AWA, Rowell A, et al. *Tob Control* 2022;**31**:40–49.

Table 1 Protocol and Codentify/Inexto timeline

Date	Protocol	Codentify/Inexto
May 2003	The Framework Convention on Tobacco Control (FCTC) is adopted, with Article 15 requiring measures to eliminate the illicit tobacco trade. ^{86 87}	
October 2004		Philip Morris Products SA files European patent for 'methods and systems for marking, tracking and authentication products' (Codentify). ⁸⁸
February 2005	The FCTC enters into force. ⁸⁹	
September 2005		Philip Morris Products SA files international patent for Codentify. ⁹⁰
September 2006		Codentify patent enters the European regional phase. ⁹¹
June/July 2007	CoP2: decides to establish an Intergovernmental Negotiating Body (INB) to draft and negotiate a protocol on the illicit tobacco trade, under Article 15 of the FCTC. ⁹²	
February 2008	First meeting of the Protocol INB (INB1): consideration of expert group's Protocol template. ⁹³	
October 2008	Protocol INB2: consideration of more elaborate Chairperson Protocol text (drafted by Chairperson with support from the Convention Secretariat and relevant experts). ⁹⁴	
November 2008	CoP3. ⁹⁵	
February 2009		Codentify patent is granted by Eurasian Patent Organization. ⁹⁶
June to July 2009	Protocol INB3: consideration of revised Chairperson Protocol text. ⁹⁷	
March 2010	Protocol INB4: drafting and negotiation of draft Protocol. ⁹⁸	
November 2010	CoP4: establishes an informal working group (IWG) on Part III (supply chain control) of the draft Protocol as consensus had not been reached in INB4. ^{98 99}	Philip Morris International (PMI) licenses Codentify for free to its main competitors ¹⁰⁰ ; Tobacco Industry Working Group on Digital Tax Verification is formed. ¹⁰¹
July 2011	First meeting of the IWG (IWG1). ¹⁰²	
September 2011	Second meeting of the IWG (IWG2). ¹⁰²	
October 2011		Digital Coding and Tracking Association (DCTA)—TTC front group to promote Codentify to governments ^{19 103} —registered in Zurich.
March 2012	Protocol INB5: agreed on draft Protocol to present for adoption as CoP5. ⁷³	
June 2012		PMI makes €15 million donation to Interpol to work with DCTA. ¹⁰⁴
November 2012	CoP5: the Protocol is adopted. ¹⁰⁵	
January 2013	The Protocol is open to signature by all Parties to the FCTC. ¹⁰⁶	
April 2013		European Codentify patent is updated to change the applicant from PMI to the DCTA. ¹⁰⁷
December 2013		US Codentify patent is filed. ¹⁰⁸
January 2014	The period for signature of Protocol closes. ¹⁰⁹	
April 2014		DCTA is the major sponsor of World Customs Organization conference on illicit tobacco. ¹¹
May 2014		KPMG and GS1 UK release a DCTA-funded report promoting Codentify. ¹¹⁰
October 2014	CoP6: requests the Convention Secretariat to establish a Panel of Experts on the Protocol (or Expert Panel on the Protocol), composed of up to two experts per WHO region, to provide technical and legal advice including on relevant existing good practices. ¹¹¹	
April 2016		Inexto established. ¹¹²
May 2016	Coordinating meeting of the Expert Panel on the Protocol. ¹¹³	
June 2016		DCTA announces that it has sold Codentify to Inexto, and PMI claims it now complies with the EU's Tobacco Products Directive. ⁷⁸
September 2016		DCTA transfers ownership of Codentify's European patent to Inexto. ¹¹⁴
November 2016	CoP7: requests Expert Panel on the Protocol to prepare for First Meeting of the Parties (MoP1) and support Party Protocol implementation. Also calls for Parties to reject any assistance on track and trace offered by the tobacco industry. ¹¹⁵	Two trademarks for Codentify, covering Switzerland and the EU member states, are transferred to Inexto. ¹¹⁶
June 2017	First meeting of the Expert Panel on the Protocol. ¹¹⁷	
October to November 2017		Internal TI documents show that senior management from PMI, Japan Tobacco International (JTI), British American Tobacco (BAT), Imperial Tobacco/Brands and representatives of Inexto, including the CEO, meet monthly under an 'Operational Management Committee'. ²⁷
November 2017	Second meeting of the Expert Panel on the Protocol. ¹¹⁷	

Continued

Table 1 Continued

Date	Protocol	Codentify/Inexto
March 2018	Third meeting of the Expert Panel on the Protocol. ¹¹⁷	
June 2018	With 41 Parties, the conditions for the entry into force of the Protocol are met.	
September 2018	Protocol enters into force. ¹¹⁸	
October 2018	CoP8 ¹¹⁹ and MoP1 on the Protocol: creation of a Working Group on tracking and tracing systems (T&T WG) and on assistance and cooperation in customs and enforcement matters (A&C WG). ¹²⁰	
November 2019	First meeting of the T&T WG. ¹²¹	Consortium including Inexto wins T&T bid in Pakistan. ⁸²
December 2019	First meeting of the A&C WG. ¹²²	

BAT, British American Tobacco; CEO, chief executive officer; CoP, Conference of the Parties; EU, European Union; JTI, Japan Tobacco International; PMI, Philip Morris International; TI, tobacco industry; TTC, transnational tobacco company.

tobacco industry (TI) despite independent literature suggesting otherwise.²⁴ As such, an effective Protocol and T&T system are vital to controlling both the ITT and ongoing TI involvement and, in turn, governments' ability to increase tobacco taxes and thereby save lives.

METHODOLOGY

Searching of TI documents

The authors primarily relied on three sets of internal TI documents:

To understand BAT's role in shaping the Protocol, the authors (between July and October 2019) searched a set of approximately 15 000 internal BAT documents leaked by Paul Hopkins, a former BAT employee who worked on ITT issues in several parts of Africa and the Middle East for 15 years (2000–2014).²⁵ These include emails, presentations, memos, spreadsheets and other documents Hopkins received or sent during his time working for BAT. These documents are not currently publicly available but the authors are in the process of making them so.

Using a secure document review platform, snowballing based on results from initial search terms led to a total of 26 search terms being used (online supplemental appendix I). Nine hundred and ninety-nine documents were identified, read and reviewed, and 911 were deemed relevant, that is, made reference to either the Protocol directly or international efforts to tackle the ITT. Following the exclusion of duplicates, 140 documents were coded (spanning from 2003 to 2016) using 18 themes, agreed between all authors after preliminary analysis of a small subset of documents (see online supplemental appendix II).

A second set of three internal BAT documents were read and reviewed in full. They provided important information on the company's Protocol strategy.

To compare and contrast BAT's views with those of Philip Morris International (PMI), the authors read and reviewed a third set of 35 internal PMI documents released by Reuters as part of the 'Philip Morris Files' investigation²⁶; four of which were deemed relevant and analysed.

Analysis

Qualitative thematic analysis, based on a hermeneutic approach to company document analysis, was applied to all of the document sets with analysis focusing specifically on TI views on the Protocol and company strategies and tactics to influence it.^{27 28}

Triangulation

Data triangulation was a three-step process: first, in order to explore the context at the time, company documents were shared and to properly interpret them, the authors searched online

news media, academic literature, non-governmental organisation (NGO) reports, publications from national governments and international organisations (eg, WHO), the Truth Tobacco Industry Documents (online supplemental appendix I), as well as TI websites and other public documents.

Second, we conducted interviews with five stakeholders across academia, international organisations, governments, civil society and the private sector (with no reported financial links to the TI), which provided valuable background information and further contextualisation. Authors selected interviewees based on their experience with the Protocol and its negotiation. Interviewees were provided in advance with a participant information sheet, outlining potential risks of taking part, a standardised questionnaire and a consent form including anonymity options.

Third, we further triangulated findings by reviewing of a range of policy documents including summary records from Protocol negotiations, technical reports, documents from relevant working groups, and other official and NGO documentation on the process leading up to the adoption of the Protocol.

RESULTS

From hostility to public support and lobbying

TTCs initially viewed with concern the developing idea of international regulatory measures against ITT. The year the FCTC was adopted—2003—an internal BAT presentation highlighted concerns about both the 'reputational' and 'regulatory threat' the company faced following revelations of TTC involvement in the ITT,^{1–14} stressing that it was 'VITAL for Big Tobacco to be involved in shaping final regulation' on the ITT.

By the time Protocol negotiations began in 2008, the TTCs had already begun to rebrand themselves as part of the solution, rather than perpetrators of the ITT.^{29 30} In 2007, BAT started to frame the concept of a Protocol as a potential opportunity, stating publicly that it 'strongly supports the need for [it]' and 'look forward to partnering with governments in the development, negotiation and implementation of an effective (...) protocol'.³¹ In response, the Framework Convention Alliance (a civil society alliance which aims to strengthen the FCTC and support its implementation) wrote: 'As it has recently become clear to BAT that it is unlikely to succeed in preventing the development of a protocol on illicit trade, [BAT] now wants to maximize its chances of influencing the content of the protocol.'³²

Attempts to influence the protocol

Initially, despite FCTC Rules of Procedures, Article 5.3, and its guidelines to guard against industry interference, multiple TTC representatives attended the third Protocol negotiation (INB3) (June to July 2009—table 1).^{33 34} The NGO observer, Corporate



- Global Engagement Plan identifying key influencer markets
- Advocacy "leave-behinds" on each AIT Drive issue
- BAT advocacy champions selected for pre-INB3 advocacy
- Co-ordination of AIT Protocol engagement via the REG
- Training on AIT Protocol and key drive issues in each region to prepare engagers especially on T&T
- Engagement with key non-State actors such as WTO, Protocol Chairman, NGOs and within industry
- Media opportunities, speech making, conference participation

Figure 1 Future Activities to Manage Risks—WHO Protocol. Source: BAT, April 2009.³⁵ AIT, Anti-Illicit Trade, BAT, British American Tobacco; INB, Intergovernmental Negotiating Body; NGOs, non-governmental organisations; T&T, tracking and tracing; REG Regulatory Engagement Group, WTO, World Trade Organization.

Accountability (CA—then called Corporate Accountability International), found that 23 of 28 people willing to identify themselves to CA in the public gallery overlooking the main floor of the convention hall were from the TI, including 12 from BAT.³³ This was part of a larger number of ‘Activities to Manage Risks—WHO Protocol’, described in a BAT internal strategy document shortly before INB3 (Figure 1).³⁵ Delegates then decided to exclude the general public (with the exception of NGOs) midway through INB3.³³

This did little to dissuade TTCs from interfering, however. As documented at the time by CA, tactics deployed went beyond attending INB proceedings and included ‘developing close ties with governments, securing representation on government delegations to the negotiations, and using duty-free trade associations to lobby against key provisions’.³³

Internal BAT documents show the company had a clear advocacy strategy to influence the Protocol text³⁶ and collaborated on this with other TTCs.³⁷

The documents do not detail exact outcomes from such efforts. However, it is clear that BAT was able to obtain draft texts before they were made public³⁸ and paid at least one government representative to support the company during the negotiations.^{25 39–41}

BAT’s broad aims for the Protocol

Documents suggest BAT had three broad aims for the Protocol, namely that it should not be too prescriptive and allow for flexibility at the national level, should target competition—in particular from smaller tobacco companies, and should lead to a T&T system with limited impact on the company’s productivity and efficiency.

Not too prescriptive a text

A core component of BAT’s engagement strategy on the Protocol was to ensure that the final text would not be too prescriptive, instead allowing countries to interpret recommendations, thus enabling them to shape implementation at the national level.⁴² For example, BAT wanted ‘Provisions that [...] allow flexibility

for governments to adopt [T&T] technologies that meet their own national circumstances’.³⁵

Internal documents suggest that BAT was again generally pleased with the outcome, noting for example, that on due diligence, the text from the informal working group was ‘Much less prescriptive than versions considered in INB4, and less prescriptive than the cooperation agreements entered into with the EU and government of Canada’.⁴³ This is particularly telling given BAT saw the legally binding agreement with the European Union (EU), signed on 15 July 2010 as a result of legal proceedings against the company over smuggling allegations,^{30 36 44 45} as ‘voluntary’ and beneficial to the company.⁴⁶ Academic analysis has also noted the inefficiency and potential counterproductive effects of the EU’s agreements with BAT and other TTCs.³⁰

Targeting competition

BAT saw in the Protocol an opportunity to ‘create a level playing field whereby all manufacturers and others involved in the distribution of tobacco products would be bound internationally by the strict controls that the Protocol could introduce’, an interviewee told the authors.⁴⁷ This is reflected in an internal BAT document from 2009 which argues:

The Protocol provisions need to apply to ALL manufacturers—there should be no exemption for small to medium size enterprises. Illicit product is illicit regardless of the size of the company that manufactured it.⁴⁸

Similarly, PMI pointed out in a 2010 document that ‘given the nature of the illicit trade in tobacco products today, the exclusion of small and medium-sized businesses would seriously undermine the effectiveness of the Protocol’.⁴⁹ The ITT has evolved over the years, with an increasing role played by smaller tobacco companies many of whom, it appears, learnt from the practices of the TTCs.^{21 50 51} Thus, the Protocol applying to all manufacturers—as is the case in the final version—is positive. However, such language—not specifically focusing on TTCs and their complicity in the ITT—provides an opportunity for TTCs to target competitors, consolidate their already predominant market positions and divert attention from their continued role in the ITT.¹⁵

Setting up low-cost, low-impact T&T

An interviewee noted: ‘As the idea of an Protocol transitioned into a formal process many of the TTCs saw little merit in a [T&T] system and rather saw it as a complete waste of money’.⁴⁷ BAT in fact began by arguing against a global T&T regime altogether.^{36 52}

As the idea of a T&T system became entrenched, BAT shifted to shaping requirements on T&T. BAT initially opposed pack-level T&T, arguing for master-case T&T instead claiming that ‘Smugglers of large volume principally deal in master-cases and cartons’ and noting that ‘they were developing a T&T system accordingly’.³¹ An interviewee pointed out BAT’s primary concern on that issue was in fact financial: pack-level T&T would cost them more money.⁴⁷ A system not targeting packs would also have created further opportunities for ‘ant-smuggling’ (illicit trade in a vast number of small consignments), which the industry has been complicit in.¹ A 2010 PMI document suggests that the company was more open to the idea of pack-level T&T, given that their technology was more advanced.⁴⁹ The final text of the Protocol applies to all package units (Article 8).¹⁷

Both BAT and PMI argued against proprietary systems, as is consistent with the final text.^{31 49} BAT also fought against a T&T system entirely controlled and operated by governments

or designated third-party solution providers.³¹ The final text, by requiring specific information which can only be obtained with input from the manufacturer, ensures they retain a significant role in the system—a positive outcome for BAT.⁵³ An interviewee suggested the industry has pushed for this requirement for this very reason.⁵³

Finally, BAT stressed the importance of a low-cost, low-impact system that would have little effect on its productivity.³¹ BAT's focus here appears to have been on avoiding paper tax stamps, which they perceived as a 'threat'.³⁶ According to an interviewee, there are multiple reasons why BAT and other TTCs are adamantly opposed to paper-based tax stamps and in favour of digital-only solutions. These include that: tax stamps are 'more secure and harder to circumvent' making it harder for TTCs to divert products to the ITT; TTCs consider putting tax stamps on packs an additional 'burden'; they are 'more expensive than cheap security infrastructure'; and tax stamps require a third party to monitor TTCs' activities.^{53–55} In an internal email in April 2012, one BAT executive wrote that revenue authorities in central and eastern Africa 'would all prefer a supplier/integrator who can supply both Digital Tax Verification and paper stamps so there is a contingency during change over and in the event of system failure due to the Continents current lack of infrastructure compared with Europe or the Americas'.⁵⁴ Crucially, tax stamps are not controlled by the TI, in contrast with the main digital-only system available: Codentify, now Inexto.

By 2009 the industry indeed had its own digital T&T system it was hoping to promote. In April 2009, the Codentify patent was granted in Europe.⁵⁶ PMI then licensed Codentify to BAT and other TTCs in November 2010.⁵⁷ In this context, a September 2009 BAT document on the INB3 draft (from 5 July 2009) suggested including the word 'digital' in the text on the stamping and marking regime.⁴⁸ In preparation for CoP5 (when the Protocol was adopted) a 2011 internal document noted: 'Stamping and coding should be digital (Codentify)'.⁵⁸ The

Protocol now encompasses paper and digital solutions,¹⁷ which though it enabled governments to put in place tax stamps, also paved the way for the roll-out of the TI's flawed T&T system, Codentify (online supplemental appendix III).

In parallel to their efforts to shape the text of the Protocol on T&T and in anticipation of its implementation, BAT aimed to 'proactively shape regulation to drive the introduction of effective, low-cost and low-impact [T&T] solutions'³⁶ at the national level (Figure 2), for governments to implement Codentify. Previous research documents how 'TTCs are engaged in an elaborate campaign to control the global T&T system the Protocol envisages' via promotion of Codentify as the 'T&T system of choice'.¹⁵

BAT's desired outcomes on specific items

The documents demonstrate that BAT attempted to influence multiple specific details of the text in order to turn the Protocol from a threat to an opportunity. This section explores its desired outcomes on these, showing how the final Protocol text largely met BAT's aims.

Duty-free sales

During Protocol negotiations, a ban on duty-free products was suggested as a way to reduce tax avoidance.⁵⁹ BAT and PMI documents show that both companies opposed this, arguing instead that all Protocol provisions should apply to duty-free sales as well.⁴⁹ Article 13 of the final Protocol text noted: 'Each Party shall implement effective measures to subject any duty free sales to all relevant provisions of this Protocol,' and included no ban on duty-free sales, which, BAT noted internally, 'satisfied our position'.⁴³

Free-trade zones

The World Bank defines free-trade zones (FTZs) as 'fenced-in, duty-free areas, offering warehousing, storage, and distribution

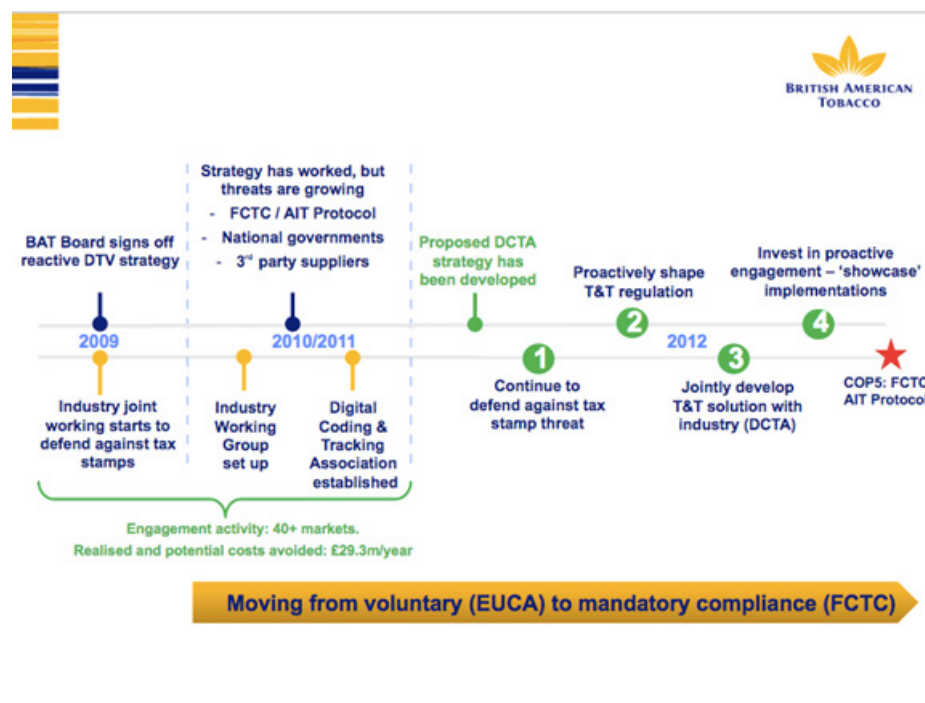


Figure 2 'Progress & Strategy'. Source: BAT, October 2012.³⁶ AIT, Anti-Ilicit Trade; BAT, British American Tobacco; COP, Conference of the Parties; DCTA, Digital Coding and Tracking Association; DTV, Digital Tax Verification; EUCA, European Union Co-operation Agreement; FCTC, Framework Convention on Tobacco Control; T&T, tracking and tracing.

facilities for trade, trans-shipment, and re-export operations'.⁶⁰ From the beginning of the Protocol negotiations, BAT publicly called for greater oversight and enforcement of FTZs.^{61 62} The final text of the Protocol includes an article on 'Free Zones and International Transit' (Article 12), in conformity with this.¹⁷

The company's stance is perhaps surprising given the TTCs' historic reliance on FTZs as part of their smuggling activities^{63 64} but it appears BAT's primary interest was to use the Protocol as an opportunity to reduce manufacturing by smaller competitors in FTZs, not TTC product diversion through these zones.⁶⁵ In November 2011, a BAT senior official asked BAT anti-illicit trade managers to provide data on cigarettes manufactured in the Jebel Ali Free Zone (Jafza)⁶⁶ in the United Arab Emirates (UAE) and shipped to their respective markets.⁶⁷ This was part of engagement efforts with UAE officials to shape the Protocol.⁶⁸ The internal discussions and figures shared only addressed competitor manufacturing in Jafza, not products—including BAT products—transiting through.^{69 70} That same month (January 2012), BAT continued to use the FTZ as a transit hub to reach regional markets, including Somaliland.^{71 72}

Intermingling

Tackling intermingling (the practice of transporting tobacco products with other non-tobacco products in the same container or similar transportation unit) as a way to reduce the ITT was the subject of much debate at INB4. A representative from Singapore notably asked: 'if intermingling was such a serious problem, why was it prohibited in the protocol only in respect of tobacco products passing through free zones?'⁷³ BAT argued against a complete ban on intermingling: 'it is inevitable that tobacco and non-tobacco goods are mixed at various stages of any supply chain' and that intermingling was 'standard practice in the shipping industry',⁴⁸—a view which PMI also held.⁶¹ A total ban on intermingling was omitted from the final Protocol text (which only prohibits intermingling at the time of removal from an FTZ), an outcome BAT again stated 'satisfies our position'.⁴³

Accountability and seizure payments

BAT noted with concern in September 2009 a proposed article on seizure payments and manufacturer liability 'appears to seek to impose absolute liability on a producer, manufacturer, importer or exporter without regard to whether the party was at fault'.⁴⁸ Internal BAT documents suggested changes to the draft text which would have made it very difficult to sanction any tobacco company. For example, by requiring that fines can only be applied to companies 'proven to have failed to take due and proper care', 'found to have been intentionally and directly complicit'⁴⁸ or 'who do not take commercially reasonable steps to prevent their products being smuggled'.⁵² Although these specific changes are not included in the final text, Article 17 on seizure payments is more highly caveated than the previous version (box 1) which can be seen as a satisfactory outcome for BAT.

At INB5, the Brazilian Chief Delegate asked 'where the language of Article 17 had come from and specifically whether it had come from agreements between the industry and some countries', noting that 'The language was weak and contained so many conditionalities that Parties would be able to avoid implementing it', and argued that the article should therefore be deleted.⁷³ Following a discussion with other delegates, Chairperson Ian Walton-George 'replied that the procedure to be followed would be determined by the country concerned; Article 17 merely asked Parties to consider adopting necessary

Box 1 Notable changes in Article 17 text over time

INB3 version:

'For the purpose of eliminating illicit trade in tobacco products, the Parties [may] / **[should]** [consider adopting] / **[shall adopt]** such legislative and other measures as may be necessary to authorize competent authorities to levy an amount equivalent to lost taxes and duties from the producer, manufacturer, importer or exporter of seized tobacco, [genuine] tobacco products or equipment used in the production of tobacco products [, **if the violation has occurred within the rules provided in the Protocol.**]' [emphasis in bold as per the INB3 draft]

Final Protocol text:

'Parties should, in accordance with their domestic law, consider adopting such legislative and other measures as may be necessary to authorize competent authorities to levy an amount proportionate to lost taxes and duties from the producer, manufacturer, distributor, importer or exporter of seized tobacco, tobacco products and/or manufacturing equipment.' [underlined emphasis added by the authors]^{17 123}

INB, Intergovernmental Negotiating Body.

legislative and other measures'.⁷³ In the context of the company's wish to push decision-making at the national level, this can again be seen as a satisfactory outcome for BAT.

DISCUSSION

BAT successfully influenced the Protocol on key items, namely preventing an outright ban on duty-free sales and intermingling, preventing manufacturing in FTZs and ensuring that the text applies to manufacturers of all sizes, and is sufficiently non-prescriptive in nature. Rather than putting in place the most effective system for tackling the ITT, BAT's primary interests appear to have been to minimise potential costs to and controls on the company, while undermining small competitors, and to maximise its ability to influence national implementation. Internal documents indicate that BAT was satisfied with many aspects of the final text which also appears broadly favourable to BAT's stated positions. This suggests that BAT's strategy to influence the Protocol succeeded, much like ongoing TTC efforts to influence its implementation.¹⁵

Limitations and strengths

This paper represents the most comprehensive analysis to date of a TTC successfully shaping the Protocol, and benefits from a unique set of internal documents. Extensive searches were conducted of a large volume of documents. However, the authors note that those documents may not give the full picture of BAT's strategy on the Protocol as their major source was a single ex-BAT official. Despite his senior regional role, expertise on the ITT and frequent access to leading officials and strategic documents, he was not necessarily privy to all relevant communications.

Additionally, most of the documents are from 2010 to 2012, a key period for Protocol drafting and negotiation, but fewer are available for the earlier Protocol development stage. Also, the documents primarily outline TTC objectives, but provide a limited account of how TTCs worked to achieve these. Nevertheless, the broadly industry-favourable outcomes indicate that the industry was relatively successful in this respect.

Policy implications

This paper's findings suggest that TTCs may have successfully shaped the Protocol in a manner which makes continued TTC complicity in the ITT possible while also weakening competition from smaller competitors. As such, the Protocol may not be as effective as hoped. Our findings appear to justify earlier concerns of potential undermining of the FCTC and Article 5.3 in particular.^{74–76}

In many parts of the world, the TI cooperates closely with governments in attempting to combat the ITT.⁷⁷ This cooperation poses risks for the Protocol as well as tobacco control more broadly, particularly if relationships and norms of cooperation spill over into other areas of FCTC implementation.⁷⁵

For the Protocol to be successful, strong national implementation is therefore crucial. This includes ensuring that the industry's involvement and complicity in the ITT and its incapacity to control its own supply chains are effectively monitored and sanctioned. In accordance with Article 5.3 of the FCTC and Article 8.12 of the Protocol, it also means guarding against the TI's interference from participating in the design, negotiation and implementation of legislation to tackle the ITT—including via front groups and third parties.^{15 78} Without a successful Protocol, there is a risk that the ITT increases, in part due to TI involvement in it and in shaping national policies to tackle it, thereby undermining tobacco control and public health.

Independent and effective T&T implementation by Parties to the Protocol, with the support of the Meeting of the Parties (MoP), is of particular importance. Parties concerned with potential TI interference should participate in MoP2 and help

produce specific guidance for all concerned. There is ongoing evidence that TTCs are committed to securing influence at the national level via T&T^{27 79–81} with, for example, Inexto recently being selected to provide Pakistan's T&T technology, although this decision was later overruled in a court ruling.⁸²

This paper's findings also raise the difficulty of effectively excluding the industry from the policy making process and of measuring the industry's influence over such processes. BAT was able to gain access to documents throughout the Protocol negotiations which were not publicly available and to influence at least one delegate present at some of the negotiations. Yet, even with access to internal industry documents, the full extent of the industry's influence over the Protocol is still concealed.

The industry's efforts to influence the Protocol follow in the footsteps of the strategies used by TTCs to influence the FCTC, such as PMI's attempts to secure WHO accreditation for industry-aligned NGOs so that industry positions could be represented at FCTC negotiations,⁸³ and the efforts of several TTCs to cultivate relationships with governments perceived as being more tobacco friendly such as Japan and Malawi.^{84 85}

These challenges emphasise the need for governments and academics and NGOs to prevent TI policy influence by continuing to monitor and expose its practices. This can be achieved via effective TI monitoring (including of potential allies and front groups) and alerting governments and their officials to the risks posed by collaborating with the industry.

More broadly, this paper indicates the need for stronger provisions in future protocols to the FCTC and for relevant treaties in other sectors (eg, alcohol). For example, more prescriptive provisions, which provide less room for the industry to interfere with country-level implementation, may be preferable.

What this paper adds

What is already known on this subject

- ▶ The Framework Convention on Tobacco Control's Protocol to Eliminate Illicit Trade in Tobacco Products (Protocol) is a legally binding instrument developed as a coordinated international response to the global illicit tobacco trade (ITT) and overwhelming evidence of tobacco industry involvement.
- ▶ There is growing evidence indicating that transnational tobacco companies (TTCs) continue to be the key drivers of contemporary ITT.
- ▶ Given the industry's continued role in the ITT, it has sought to control and undermine measures to address it, most notably the implementation of the global tracking and tracing regime envisioned by the Protocol.

What this paper adds

- ▶ This is the first paper to examine TTC influence on the Protocol, focusing primarily on British American Tobacco (BAT). BAT initially viewed the Protocol as a threat but subsequently executed a strategy to influence its development and turn it into an opportunity.
- ▶ BAT desired to prevent a ban on duty-free sales and intermingling, support greater enforcement of free-trade zones, provisions making it harder to hold companies accountable for involvement in the ITT, and an industry-friendly track and trace system. This appears to have been to minimise its own costs and risks while maximising those for its competitors.
- ▶ BAT appeared to be satisfied with the final text which provided for most of its desired outcomes from the Protocol negotiations.

Twitter Benoît Gomis @benoitgomis, Allen William Andrew Gallagher @AllenGallagher_, Andy Rowell @BathTR and Anna B Gilmore @BathTR

Contributors ABG, AWAG and AR conceived the idea for the study. BG collected and analysed the data and wrote drafts of the methodology and results sections. AWAG, ABG and AR provided substantial comments and edits. AWAG wrote the abstract, introduction, discussion and 'What this paper adds' section with support from BG, ABG and AR. All authors read and approved the final manuscript.

Competing interests None declared.

Patient consent for publication Not required.

Ethics approval This project has been given a favourable opinion by the University of Bath, Research Ethics Approval Committee for Health (REACH) (reference: EP 18/19 077).

Provenance and peer review Not commissioned; externally peer reviewed.

Data availability statement The BAT documents analysed in this paper are available at: <https://industrydocuments.ucsf.edu/>.

Open access This is an open access article distributed in accordance with the Creative Commons Attribution Non Commercial (CC BY-NC 4.0) license, which permits others to distribute, remix, adapt, build upon this work non-commercially, and license their derivative works on different terms, provided the original work is properly cited, appropriate credit is given, any changes made indicated, and the use is non-commercial. See: <http://creativecommons.org/licenses/by-nc/4.0/>.

ORCID iD

Allen William Andrew Gallagher <http://orcid.org/0000-0002-3669-0360>

REFERENCES

- 1 Joossens L, Raw M. Cigarette smuggling in Europe: who really benefits? *Tob Control* 1998;7:66–71.
- 2 The International Consortium of Investigative Journalists. Global Reach of Tobacco Company's Involvement in Cigarette Smuggling Exposed in Company Papers Washington: The Center for Public Integrity, 2000. Available: <https://www.icij.org/>

- investigations/big-tobacco-smuggling/global-reach-tobacco-companys-involvement-cigarett-smuggling-exposed-company-papers/ [Accessed 06 Nov 2017].
- 3 Joossens L, Raw M. How can cigarette smuggling be reduced? *BMJ* 2000;321:947–50.
 - 4 Campaign for Tobacco Free Kids. *Illegal pathways to illegal profits: the big cigarette companies and international smuggling*. Campaign for Tobacco-Free Kids.
 - 5 Collin J, Legresley E, MacKenzie R, et al. Complicity in contraband: British American tobacco and cigarette smuggling in Asia. *Tob Control* 2004;13 Suppl 2:ii104–11.
 - 6 Gilmore AB, McKee M. Moving East: how the transnational tobacco industry gained entry to the emerging markets of the former Soviet Union-part I: establishing cigarette imports. *Tob Control* 2004;13:143–50.
 - 7 MacKenzie R, Collin J, Sopharo C, et al. "Almost a role model of what we would like to do everywhere": British American Tobacco in Cambodia. *Tob Control* 2004;13 Suppl 2:ii112–7.
 - 8 Nakkash R, Lee K. Smuggling as the "key to a combined market": British American Tobacco in Lebanon. *Tob Control* 2008;17:324–31.
 - 9 Lee K, Collin J. "Key to the future": British American tobacco and cigarette smuggling in China. *PLoS Med* 2006;3:1080–9.
 - 10 Legresley E, Lee K, Muggli ME, et al. British American Tobacco and the "insidious impact of illicit trade" in cigarettes across Africa. *Tob Control* 2008;17:339–46.
 - 11 Gilmore AB, Fooks G, Drope J, et al. Exposing and addressing tobacco industry conduct in low-income and middle-income countries. *Lancet* 2015;385:1029–43.
 - 12 World Health Organization/Bialous S. The tobacco industry and the illicit trade in tobacco products. Available: <http://www.who.int/fctc/publications/The-Tobacco-Industry-and-the-Illicit-Trade-in-Tobacco-Products.pdf> [Accessed 21 Oct 2014].
 - 13 Holden C. Transnational tobacco companies and the moral economy of cigarette smuggling. In: Whyte D, Wiegatz J, eds. *Neoliberalism and the economy of fraud*. London: Routledge, 2016: 100–13.
 - 14 Iglesias RM, Gomis B, Carrillo Botero N, et al. From transit hub to major supplier of illicit cigarettes to Argentina and Brazil: the changing role of domestic production and transnational tobacco companies in Paraguay between 1960 and 2003. *Global Health* 2018;14:111.
 - 15 Gilmore AB, Gallagher AWA, Rowell A. Tobacco industry's elaborate attempts to control a global track and trace system and fundamentally undermine the illicit trade protocol. *Tob Control* 2019;28:127–40.
 - 16 Tobacco Control Research Group. Illicit trade protocol (ITP): TobaccoTactics.org, 2019. Available: [https://tobaccotactics.org/index.php?title=Illicit_Trade_Protocol_\(ITP\)](https://tobaccotactics.org/index.php?title=Illicit_Trade_Protocol_(ITP)) [Accessed 05 April 2020].
 - 17 World Health Organization. Protocol to eliminate illicit trade in tobacco products, 2013. Available: <https://www.who.int/fctc/protocol/en/> [Accessed 5 Apr 2020].
 - 18 World Health Organization. Elaboration of a template for a protocol on illicit trade in tobacco products, 2007. Available: https://apps.who.int/gb/fctc/PDF/cop2/FCTC_COP2_9-en.pdf [Accessed 05 Apr 2020].
 - 19 Joossens L, Gilmore AB. The transnational tobacco companies' strategy to promote Codentify, their inadequate tracking and tracing standard. *Tob Control* 2014;23:e3–6.
 - 20 Ross H, Eads M, Yates M. Why governments cannot afford Codentify to support their track and trace solutions. *Tob Control* 2018;27:706–8.
 - 21 Joossens L, Raw M. From cigarette smuggling to illicit tobacco trade. *Tob Control* 2012;21:230–4.
 - 22 Ross H, Vellios N, Clegg Smith K, et al. A closer look at 'Cheap White' cigarettes. *Tob Control* 2016;25:527–31.
 - 23 National Assembly. Proposal for law No. 2422 on the strengthening of fiscal and penal sanctions for the parallel tobacco trade and the prosecution of their perpetrators. Available: http://www.assemblee-nationale.fr/dyn/15/textes/115b2422_proposition-loi [Accessed 30 Jun 2020].
 - 24 World Bank Group. Confronting illicit tobacco trade: a global review of country experiences. Available: <http://documents.worldbank.org/curated/en/677451548260528135/pdf/133959-REPL-PUBLIC-6-2-2019-19-59-24-WBGTObaccollicitTradeFINALvweb.pdf> [Accessed 28 May 2019].
 - 25 BBC. The secret bribes of big tobacco paper TRAIL, 2020. Available: www.bbc.com/news/business-3494470224
 - 26 Reuters. The Philip Morris files. Available: <https://www.reuters.com/investigates/section/pmi/> [Accessed 09 Apr 2020].
 - 27 Gallagher AWA, Gilmore AB, Eads M. Tracking and tracing the tobacco industry: potential tobacco industry influence over the EU's system for tobacco traceability and security features. *Tob Control* 2020;29:e56–62.
 - 28 Forster N. The Analysis of Company Documentation. In: C C, S G, eds. *Qualitative methods in organizational research a practical guide*. London: Sage Publications, 1994.
 - 29 House of Commons. Public Accounts - Third report. Available: <https://publications.parliament.uk/pa/cm200203/cmselect/cmpubacc/143/14302.htm> [Accessed 09 Apr 2020].
 - 30 Joossens L, Gilmore AB, Stoklosa M, et al. Assessment of the European Union's illicit trade agreements with the four major transnational tobacco companies. *Tob Control* 2016;25:254–60.
 - 31 British American Tobacco. *British American Tobacco's Views on the FCTC Protocol on Illicit Trade*, 2007.
 - 32 Framework Convention Alliance. COP-2 additional paper: response to the British American tobacco paper on a protocol on illicit trade, 2007. Available: <https://www.fctc.org/resource-hub/cop-2-additional-paper-response-to-the-british-american-tobacco-paper-on-a-protocol-on-illicit-trade/> [Accessed 09 Apr 2020].
 - 33 Network for Accountability of Tobacco Transnationals, Corporate Accountability International. Smokescreen for smuggling: tobacco industry attempts to derail the illicit trade protocol, 2012. Available: <https://www.alliantienederlandrookvrij.nl/wp-content/uploads/2012/docs/accijs/ENGLISH%20Smokescreen%20for%20Smuggling%20FINAL.pdf> [Accessed 25 Sep 2017].
 - 34 Mulvey K. A life-saving precedent: protecting public health policy against big tobacco. *Tob Control* 2010;19:95–7.
 - 35 British American Tobacco. *Overview of Illicit Trade in Tobacco: Globally and in Africa - Middle East*, 2009.
 - 36 British American Tobacco. *Supply chain tracking and verification: EEMEA: strategy update*, 2012.
 - 37 O'Connell B. 2012 planning, 24 August 2011.
 - 38 Owino JA. For information and action; Ait protocol IWG1 analysis to support engagement 2011.
 - 39 Owino J. Burundi, 9 July 2012.
 - 40 Lewis A. Fwd: Burundi, 12 July 2012.
 - 41 Lewis A. Fwd: Burundi, 29 April 2015.
 - 42 British American Tobacco (Holdings) Limited. Illicit trade: examining the problem and advocating solutions 2010.
 - 43 British American Tobacco. Ait protocol IWG1 outcomes Analysis., 5 Aug 2011.
 - 44 European Commission. Cooperation agreement between British American tobacco (Holdings) limited and the European Union as represented by the European Commission and the Signatory member states of the European Union. Available: https://ec.europa.eu/anti-fraud/sites/antifraud/files/docs/body/bat_main_agreement.pdf [Accessed 25 Sep 2017].
 - 45 HM Revenue and Customs. Government and industry take a significant step in the fight against tobacco smuggling: WiredGov. Available: <https://www.wired-gov.net/wg/news-1.nsf/0/568F1E6CC0D0AFE3802577610044A0FA?OpenDocument> [Accessed 09 April 2020].
 - 46 British American Tobacco. *Reduced illicit trade Portfolio: project and programme overview*, 2011.
 - 47 Interview 1, October 2019.
 - 48 British American Tobacco. *Negotiating text for a protocol to eliminate illicit trade in tobacco products. British American Tobacco's Views*, 2009.
 - 49 Philip Morris Benelux BVBA. [E-mail over FCTC protocol inzake illegale handel]: Collection :Dutch Tobacco Industry Collection. Available: <https://www.industrydocuments.ucsf.edu/tobacco/docs/#id=gybn0217> [Accessed 09 Apr 2020].
 - 50 Gomis B, Lee K, Carrillo Botero N, et al. "We think globally": the rise of Paraguay's Tabacalera del Este as a threat to global tobacco control. *Global Health* 2018;14:110.
 - 51 Global Public Health. The emergence of Asian tobacco companies: implications for global health governance. *Global Public Health* 2017;12.
 - 52 British American Tobacco. British American Tobacco's Position on Key Elements for Inclusion in the WHO FCTC Protocol on Illicit Trade in Tobacco Products 2007.
 - 53 Interview 2: Trade and customs expert, October 2019.
 - 54 Hopkins P. Re: FractureCode support for Kenya, 25 April 2012.
 - 55 Jones E. Re: FractureCode support for Kenya, 25 April 2012.
 - 56 European Patent Office. Decision to grant a European patent pursuant to Article 97(1) EPC. Available: <https://register.epo.org/application?documentId=EOM52XIF1875F14&number=EP05792643&lng=en&nl=false> [Accessed 23 Nov 2017].
 - 57 Hill M. Digital Tax verification (DTV) Codentify, the industry standard, OCT 2010.
 - 58 British American Tobacco. FCTC COP5 campaign: creating time, space and opportunities for growth: 2020, 2011. Available: <https://www.documentcloud.org/documents/3892759-2011-British-American-Tobacco-FCTC-COP5-Campaign.html09>
 - 59 World Health Organization. Who technical manual on tobacco Tax administration, 2011. Available: https://apps.who.int/iris/bitstream/handle/10665/44316/9789241563994_eng.pdf?sequence=1 [Accessed 09 Apr 2020].
 - 60 World Bank Group. Special economic zones: performance, lessons learned, and implications for zone development. Available: <http://documents.worldbank.org/curated/en/343901468330977533/pdf/458690WPOBox331s0April200801PUBLIC1.pdf> [Accessed 09 Apr 2020].
 - 61 Organisation for Economic Co-operation and Development. Responses to the online public consultation on the draft OECD guidance to counter illicit trade, enhancing transparency in free trade zones, 2018. Available: <http://www.oecd.org/governance/risk/responses-public-consultation-ftz-counterfeit-trade-2018.pdf> [Accessed 09 Apr 2020].
 - 62 British American Tobacco. WHO Illicit Trade Protocol: Our views on key issues to be discussed at the protocol's first Meeting of the Parties. Available: https://web.archive.org/web/20200302105547/https://www.bat.com/group/sites/UK__9D9KCY.nsf/vwPagesWebLive/DO6ZYC4S [Accessed 02 Mar 2020].

- 63 Holden C, Lee K, Fooks GJ, *et al*. The impact of regional trade integration on firm organization and strategy: British American tobacco in the Andean PACT. *Bus Polit* 2010;12:1–30.
- 64 The International Consortium of Investigative Journalists. In Latin America, big tobacco partners with money launders, smugglers, 2001. Available: <https://www.icij.org/node/460/latin-america-big-tobacco-partners-money-launders-smugglers> [Accessed 10th May 2017].
- 65 Holden C. Graduated Sovereignty and global governance gaps: special economic zones and the illicit trade in tobacco products. *Polit Geogr* 2017;59:72–81.
- 66 Jebel Ali Free Zone (JAFZA). About us undated. Available: <http://jafza.ae/about-us/> [Accessed 09 Apr 2020].
- 67 O'Connell B, Ali J. 11 November 2011.
- 68 O'Connell B. Fw: Euromonitor - Illicit Trade in Tobacco Products 2011, 04 January 2012.
- 69 O'Connell B. Re: UAE free zone flows December 2011.xls, 17 January 2012.
- 70 Watts J. Ae free zone flows December 2011.xls, 17 January 2012.
- 71 Hopkins P. Greatest risk re Djibouti, 10 January 2012.
- 72 Hopkins P. Fw: Fwd: 1200 MC Royals - Sharjah creek, 16 January 2012.
- 73 World Health Organization. Conference of the parties to the who framework convention on tobacco control Intergovernmental negotiating body on a protocol on illicit trade in tobacco products. fifth session. Geneva, 2012. Available: https://apps.who.int/gb/fctc/PDF/it5/FCTC_COP_INB-IT5_REC1.pdf [Accessed 09 Apr 2020].
- 74 Mamudu HM, Hammond R, Glantz SA. Project cerberus: tobacco industry strategy to create an alternative to the framework convention on tobacco control. *Am J Public Health* 2008;98:1630–42.
- 75 Liberman J, Blecher E, Carbajales AR, *et al*. Opportunities and risks of the proposed FCTC protocol on illicit trade. *Tob Control* 2011;20:436–8.
- 76 Sy D. Illicit trade protocol: the weakest link: invited commentary. *Tob Control* 2012;21:235.1–235.
- 77 Crosbie E, Bialous S, Glantz SA. Memoranda of understanding: a tobacco industry strategy to undermine illicit tobacco trade policies. *Tob Control* 2019;28:e110–8.
- 78 Tobacco Control Research Group. *Codentify. TobaccoTactics.org*. University of Bath, 2017.
- 79 Down A. The EU's Track & Trace Smokescreen: Organized Crime and Corruption Reporting Project. Available: <https://www.occrp.org/en/loosetobacco/without-a-trace/the-eus-track-trace-smokescreen> [Accessed 09 Apr 2020].
- 80 Cerantola A. Tobaccopoli: The Secret Battle to Control Italy's Cigarette Market: Organized Crime and Corruption Reporting Project. Available: <https://www.occrp.org/en/loosetobacco/without-a-trace/tobaccopoli-the-secret-battle-to-control-italys-cigarette-market> [Accessed 09 April 2020].
- 81 Down A, Cheema U. Pakistan's Big Tobacco Problem Organized Crime and Corruption Reporting Project. Available: <https://www.occrp.org/en/loosetobacco/without-a-trace/pakistans-big-tobacco-problem> [Accessed 09 April 2020].
- 82 Ahmadani A, Masooma S. Could this app help the government eliminate smuggled cigarettes? : PakistanToday Profit. Available: <https://profit.pakistantoday.com.pk/2019/11/18/could-this-app-help-the-government-eliminate-smuggled-cigarettes/> [Accessed 09 Apr 2020].
- 83 Gonzalez M, Green LW, Glantz SA. Through tobacco industry eyes: civil Society and the FCTC process from Philip Morris and British American tobacco's perspectives. *Tob Control* 2012;21:e1.
- 84 Otañez MG, Mamudu HM, Glantz SA. Tobacco companies' use of developing countries' economic reliance on tobacco to Lobby against global tobacco control: the case of Malawi. *Am J Public Health* 2009;99:1759–71.
- 85 Assunta M, Chapman S. Health Treaty dilution: a case study of Japan's influence on the language of the who framework convention on tobacco control. *J Epidemiol Community Health* 2006;60:751–6.
- 86 World Health Organization. About the who framework convention on tobacco control undated. Available: <https://www.who.int/fctc/about/en/> [Accessed 05 Apr 2020].
- 87 World Health Organization. Who framework convention on tobacco control, 2005. Available: https://www.who.int/tobacco/framework/WHO_FCTC_english.pdf [Accessed 24 June 2020].
- 88 European Patent Office. Document made available under the patent cooperation Treaty (PCT). publication number: EP1645992, 2007. Available: <https://register.epo.org/application?number=EP04104954> [Accessed 05 Apr 2020].
- 89 World Health Organization. Global tobacco treaty enters into force with 57 countries already committed, 2005. Available: <http://www.who.int/mediacentre/news/releases/2005/pr09/en/> [Accessed 22 Nov 2017].
- 90 Châtelain P, As-matQSI S. Methods and systems for marking, tracking and authentication of products undated. Available: <https://patents.google.com/patent/EP1645992A1/en> [Accessed 05 Apr 2020].
- 91 European Patent Office. European patent application 05792643.8 from PCT/IB2005/003103 of Philip Morris products s.a. methods and systems for making, tracking and authentication of products, 2006. Available: <https://register.epo.org/application?documentId=EKONG7TR3785J13&number=EP05792643&lng=en&npl=false> [Accessed 05 Apr 2020].
- 92 World Health Organization. Conference of the parties to the who framework convention on tobacco control. second session. Bangkok, 2008. Available: https://apps.who.int/gb/fctc/PDF/cop2/COP2_07_CDDecisions-en.pdf [Accessed 05 Apr 2020].
- 93 World Health Organization. Intergovernmental negotiating body on a protocol on illicit trade in tobacco products. first session. Available: https://apps.who.int/gb/fctc/E/E_it1.htm [Accessed 24 June 2020].
- 94 World Health Organization. Intergovernmental negotiating body on a protocol on illicit trade in tobacco products. second session. Available: https://apps.who.int/gb/fctc/E/E_it2.htm [Accessed 05 Apr 2020].
- 95 World Health Organization. Third session of the conference of the parties to the who FCTC, 2008. Available: https://www.who.int/fctc/cop/sessions/third_session_cop/en/ [Accessed 05 Apr 2020].
- 96 World Intellectual Property Organization. (WO2006038114) methods and systems for making, tracking and authentication of products undated. Available: <https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2006038114&recNum=1&tab=NationalPhase&maxRec=&office=&prevFilter=&sortOption=&queryString=> [Accessed 23 Nov 2017].
- 97 World Health Organization. Intergovernmental negotiating body on a protocol on illicit trade in tobacco products. third session, 2009. Available: https://apps.who.int/gb/fctc/E/E_it3.htm [Accessed 05 Apr 2020].
- 98 World Health Organization. Intergovernmental negotiating body on a protocol on illicit trade in tobacco products. fourth session, 2010. Available: https://apps.who.int/gb/fctc/E/E_it4.htm [Accessed Apr 2020].
- 99 World Health Organization. Intergovernmental negotiating body on a protocol on illicit trade in tobacco products. fifth session. Available: https://apps.who.int/gb/fctc/PDF/it5/FCTC_COP_INB-IT5_3-en.pdf?ua=1 [Accessed 05 Apr 2020].
- 100 Hill M. *Digital Tax verification (DTV) Codentify, the industry standard*, 2010.
- 101 British American Tobacco, Imperial Tobacco Limited, Philip Morris International. Memo announcement of industry Working Group (IWG). agreement on digital Tax verification (DTV) 2010.
- 102 World Health Organization. Informal Working group on a protocol to eliminate illicit trade in tobacco products undated. Available: https://www.who.int/fctc/protocol/illicit_trade/iwg_protocol/en/ [Accessed 05 Apr 2020].
- 103 Tobacco Control Research Group. *Digital Coding & Tracking Association (DCTA). TobaccoTactics.org*. University of Bath, 2018.
- 104 Philip Morris International. Philip Morris international provides 15 million Euro contribution to INTERPOL to fight trafficking in illicit goods. Available: https://web.archive.org/web/20161112140956/http://www.pmi.com/eng/media_center/press_releases/pages/201206210200.aspx [Accessed 19 Dec 2016].
- 105 World Health Organization. *Conference of the parties to the who framework convention on tobacco control, fifth session*, 2012.
- 106 World Health Organization. Protocol to eliminate illicit trade in tobacco products opened for signature. Available: https://www.who.int/fctc/mediacentre/press-release/protocol_open_for_signature/en/ [Accessed 05 Apr 2020].
- 107 European Patent Office. Request for transfer of rights - applicant. Available: <https://register.epo.org/application?documentId=EU186TD11729228&number=EP05792643&lng=en&npl=false> [Accessed 23 Nov 2017].
- 108 United States Patent and Trademark Office. United States patent application publication. Available: <https://docs.google.com/viewer?url=patentimages.storage.googleapis.com/pdfs/US20140122353.pdf> [Accessed 23 Nov 2017].
- 109 World Health Organization. The protocol to eliminate illicit trade in tobacco products: questions and answers, 2017. Available: <http://www.who.int/fctc/protocol/faq/en/index1.html> [Accessed 30 May 2017].
- 110 KPMG. *GS1. track and trace approaches in tobacco*. KPMG, 2014.
- 111 World Health Organization. Conference of the parties to the who framework convention on tobacco control. sixth session. Available: https://apps.who.int/gb/fctc/E/E_cop6.htm [Accessed 05 April 2020].
- 112 Moneyhouse. Inexto SA, 2016. Available: <https://www.moneyhouse.ch/en/company/inexto-sa-2486501071> [Accessed 19 Dec 2016].
- 113 World Health Organization. Coordinating meeting of the expert panel on the protocol to eliminate illicit trade in tobacco products, Geneva, 3 may 2016. speaking points for DR vera da Costa E Silva. Available: <https://www.who.int/fctc/mediacentre/statement/FCTC-meeting-expert-panel/en/> [Accessed 05 Apr 2020].
- 114 European Patent Office. P161125EP00, Application No./Patent No. 05792643.8 - 1959 / 1719070, 2016. Available: <https://register.epo.org/application?documentId=EZIBY4AX2428DSU&number=EP05792643&lng=en&npl=false> [Accessed 23 Nov 2017].
- 115 World Health Organization. COP7 decisions, 2016. Available: <https://www.who.int/fctc/cop/cop7/Documentation-Decisions/en/> [Accessed 05 Apr 2020].
- 116 Swiss Federal Institute of Intellectual Property. Trademark number P-548516. Codentify. Available: <https://www.swissreg.ch/srclient/faces/jsp/trademark/sr30.jsp> [Accessed 23 Nov 2017].
- 117 World Health Organization. Panel of experts on the protocol, 2018. Available: https://web.archive.org/web/20181108034317/https://www.who.int/fctc/protocol/activities/Expert_Panel_on_Illicit_Trade_Protocol/en/ [Accessed 09 Apr 2020].
- 118 World Health Organization. Protocol to eliminate illicit trade in tobacco products entering into force. Available: <https://www.who.int/fctc/secretariat/head/statements/2018/protocol-entering-into-force/en/> [Accessed 09 Apr 2020].

- 119 World Health Organization. Eighth session of the conference of the parties to the who FCTC. Available: <https://www.who.int/fctc/cop/sessions/cop8/cop8-summary/en/> [Accessed 09 Apr 2020].
- 120 World Health Organization. Main documents mop1. Available: https://www.who.int/fctc/protocol/mop/documentation_main_documents/en/ [Accessed 09 Apr 2020].
- 121 World Health Organization. First meeting of the Working group on tracking and tracing systems, including the global information-sharing focal point and the unique identification markings for cigarette packets and packages. Available: <https://www.who.int/fctc/secretariat/head/statements/2019/First-meeting-of-the-Working-Group-on-tracking-and-tracing-syste/en/> [Accessed 09 Apr 2020].
- 122 World Health Organization. First meeting of the Working group on assistance and cooperation of the protocol to eliminate illicit trade in tobacco products 2019.
- 123 World Health Organization. Negotiating text for a protocol to eliminate illicit trade in tobacco products. Available: https://apps.who.int/gb/fctc/PDF/it3/FCTC_COP_INB-IT3_5Rev1-en.pdf [Accessed 09 Apr 2020].

Appendix I. Search terms

To search the internal tobacco industry documents released to the authors:

Advocacy champions
AIT + protocol
AITP
Alphanumeric code
Article 15 + FCTC
Atos
Champions
Codentify
DCTA
Digital tax verification
Double playing
Engagers
FCTC
Global engagement plan
INB*
Influencer markets
Product marking technology
Protocol
Supply chain
T&T
- in addition to six names of BAT employees and government officials

To search the Truth Tobacco Industry Documents:

BAT + illicit trade + protocol
BAT + protocol + FCTC + illicit
BAT + supply chain + protocol + FCTC
Protocol to eliminate illicit trade in tobacco products
FCTC protocol on illicit trade

Appendix II. Coding themes

On the ITP	
Resistance	Arguments/statements against the ITP (e.g. viewed as a "threat", "expensive inconvenience")
Support	Arguments/statements in favour of the ITP (e.g. "strongly support")
Focus of engagement	Components of the ITP that BAT focuses on, e.g. specific issues, overall approach
Methods of engagement	Activities planned/carried out to engage key stakeholders on the ITP
FCTC engagement	Influencing the ITP through lobbying ahead or during INB sessions
Signing/ratifying	Attempts to influence governments to ratify; attempts to influence government <i>not</i> to ratify
On DTV/T&T	
Technology	Specificities of DTV/T&T solutions (e.g. BAT, Codentify) and their flaws (code cloning, code migration, code recycling, production with no codes, etc.)
Language (Reputation management)	Language used to promote Codentify (e.g. "expert", "solution")
Policy interference	Strategy vis-à-vis governments to shape policy decisions, legislation, and implementation
Suppliers	Providers of Codentify (e.g. FractureCode, ATOS) and links with BAT and other TTCs; claims of independence
DTV/authentication vs T&T	Steering technology, BAT discourse, and policy decisions towards DTV/authentication at the expense of T&T systems that effectively monitor products across entire supply chain
Paper tax stamps vs digital solutions	Arguments made in favour of paper stamps and against digital solutions, strategy behind it, and engagement efforts with policy makers
Efficiency	Stressing the low-cost, low-impact dimensions of DTV/T&T as key arguments in favour of those systems (at the expense of effectiveness)
Intra-industry cooperation	Cooperation with other TTCs, e.g. on Codentify itself or lobbying governments
Inter-industry cooperation	Cooperation with other industries, e.g. pharma, alcohol, food etc
IGO cooperation	Cooperation with Interpol (e.g. Global Register), UNODC etc
Service providers	Contractors hired by BAT to conduct a range of AIT services including lobbying governments, FCTC etc on T&T/DTV
Undermining competition	Lobbying against SICPA and other alternative DTV/T&T technologies

Appendix III. Codentify's main flaws

Industry-controlled

- The ITP (article 8.12) stipulates that T&T “shall not be performed by or delegated to the tobacco industry”.¹
- The Codentify technology was designed in a way to retain control in the hands of the manufacturer:
 - “only the number of codes and not the codes themselves are communicated [to the government]”²
 - “as product authentication is a brand protection issue, the choice of what is appropriate and which specific technology is used should be determined by the manufacturer (...) All [authorities] will need to do is contact us to provide the code and we will confirm whether or not the product is genuine.”³
 - “under the existing Codentify model, the code, once created, is transferred to the tobacco manufacturers, who can still in some way control – and certainly print – the code, currently without any external controls.”⁴
 - Manufacturers share partial data periodically.⁵ – “Codentify doesn’t transmit any numbers back and forth to the central server since the numbers are created locally via unique double key encryption and only the manufactured volumes are reported back to the server on periodical basis”⁶
 - Manufacturers are able to turn off Codentify on production lines.⁷
- TTCs have retained close links with Codentify/Inexto: Codentify was created by PMI in the mid-2000s following the EU agreements. In late 2010, it was made available freely to BAT, JTI and IB. The TTCs worked together via the Digital Coding and Tracking Association (DCTA) to lobby for Codentify as an alternative to paper tax stamps. The TTCs later relied on FractureCode and ATOS as approved suppliers to promote and implement Codentify while retaining links with them. DCTA reportedly sold Codentify to a company called Inexto. Though TTCs claimed Inexto was now independent and thus complied with the FCTC, key Inexto officials previously worked for TTCs for many years, and PMI has retained a number of Codentify trademarks.⁸

Ineffective:

- No external, independent third party has conducted a vulnerability assessment of the Codentify/Inexto solution, which means that all information relating to system security is unknown to anyone outside TTCs.⁷
- Phantom shifts: Production can proceed without codes.⁷
- Code cloning: the Codentify patent itself acknowledges that a limitation of identifying traded goods “by a production code, or serial number, impressed on the package is that the production codes can easily be imitated or cloned”⁹ – [an issue which the Codentify technology does not effectively address, as pointed out for instance by Kenya Revenue Authority \(KRA\) officials to BAT officials.](#)¹⁰
- Code recycling – or printing valid codes on illicit products¹¹
- Code migration – or reprinting codes from one country to another¹¹
- Security issues: a BAT employee noted that revenue authorities in African countries “would all prefer a supplier/integrator who can supply both DTV and

paper stamps so there is a contingency during change over and in the event of system failure due to the Continent's current lack of infrastructure compared with Europe or the Americas"¹²

- "the Codentify system uses relatively unsecured commercially available equipment on sites where operators may have a vested interest in misusing it."⁴

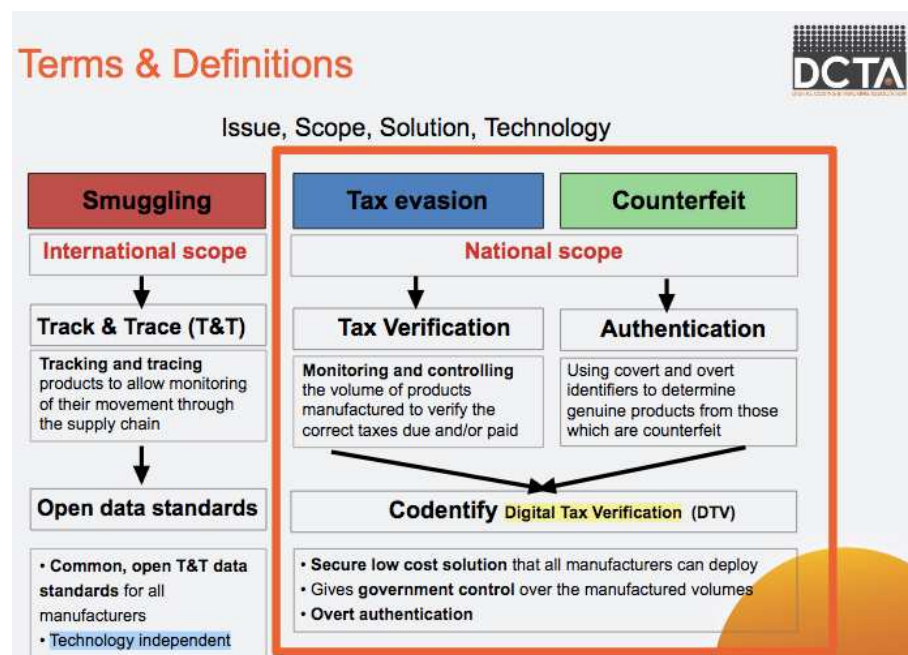
Inefficient (time consuming and costly for law enforcement):

- Verification via an online network "pertains only to the legitimacy of the printed code, not the legitimacy of the product itself"¹³;
- In the rare event that authorities find a duplicate code along the supply chain, "the only way to determine the legitimacy of a product is to rely on the tobacco industry's forensic analysis"¹³
- KRA officials flagged "the inability for on spot enforcement due to further investigation requirements".¹⁴
- Ross et al (2018) estimate that given the possibility of "harvesting" codes, including via data breaches into a Codentify server or copying codes from the retail market, in a relatively small market (e.g. 1 billion packs sold per annum), a law enforcement authority would have to inspect over 27 000 (almost 31 000) individual packs per week to have a 90% (95%) certainty that it did not miss a fraudulent pack under the Codentify system. In contrast, a material-based T&T solution would require only 45 (59) pack inspections.¹³

Not track and trace:

- Codentify focuses on authentication (to guard against counterfeit products) and tax verification instead of T&T¹⁵⁻¹⁸ (Figure 1)

Figure 1¹⁹.



Opaque:

There is no information available as to what more recent iterations of Inexto products (if the technology has indeed been updated) actually look like.

In short, Codentify offers is an industry-affiliated product, which was designed to be “low-cost”, “low-impact” for manufacturing, and one which requires significant involvement from the industry when a potentially illicit product is identified by authorities. It does not effectively secure the supply chain.²⁰ⁱ

References

1. World Health Organization. Protocol to Eliminate Illicit Trade in Tobacco Products 2013 [Available from: <https://www.who.int/fctc/protocol/en/> accessed 5 April 2020.
2. British American Tobacco. Enhancing Supply Chain Security and Fighting the Illicit Trade in tobacco Products, January 2010, 2010.
3. British American Tobacco (Holdings) Limited. Illicit Trade: examining the problem and advocating solutions, February 2010.
4. International Tax Stamp Association. Why Codentify Can Never Work as a Secure Track and Trace Solution Under the WHO FCTC Protocol and EU Tobacco Products Directive Undated [Available from: <https://www.tax-stamps.org/userfiles/files/ITSA%20Positioning%20Statement%20on%20Codentify.pdf> accessed 14 November 2017 2018.
5. Why It Is Bad - Tobacco Track and Trace. Interview with Tobacco Industry Insider Regarding Codentify 28 May 2015 [Available from: https://www.youtube.com/watch?v=XQ7gZ_D_WMM accessed 19 Dec 2016.
6. Rasmussen J. Re: Draft letter to KRA, 23 April 2012.
7. Interview 2: trade and customs expert, October 2019.
8. Gilmore AG, Gallagher, A.W.A., Rowell, A. Tobacco industry's elaborate attempts to control a global track and trace system and fundamentally undermine the Illicit Trade Protocol. *Tobacco Control* 2019;28:127-40.
9. European Patent Office. Document made available under the Patent Cooperation Treaty (PCT). International application number: PCT/IB2005/003103 20 Mar 2006 [Available from: <https://register.epo.org/documentView?number=IB.2005003103.W&documentId=id00000002615337> accessed 22 Nov 2017.
10. Unknown. MEETING WITH KRA OVER DTV, 06 March 2012.
11. Framework Convention Alliance. Codentify: The tobacco industry's trojan horse: Framework Convention Alliance Bulletin, Issue 130, Conference of the Parties, day 5, Delhi, India; 11 November 2016 [Available from: <http://www.fctc.org/publications/meeting-resources/cop7-bulletins/1490-codentify-the-tobacco-industry-s-trojan-horse> accessed 17 November 2016.
12. Hopkins P, Ramoly N. Fw: FractureCode support for Kenya, 25 April 2012.
13. Ross H, Eads M, Yates M. Why governments cannot afford Codentify to support their track and trace solutions. *Tobacco Control* 2018
14. Hopkins P. Re: Update for KRA engagement on DTV, 7 March 2012.
15. Philip Morris International. Codentify: protecting Government revenues, securing the supply chain, fighting illicit trade (brochure), 2012.
16. Fracturecode, Rasmussen JJ, Carlsson L. CODENTIFY: THE PROVISION OF DIGITAL SOLUTIONS FOR REVENUE PROTECTION. Executive Presentation to the Representatives of: Democratic Republic of Congo Ministry of Finance, Mauritius Revenue Authority, Uganda Revenue Authority, Nairobi, October 2011.
17. British American Tobacco. Draft proposal for EABC, Undated.
18. British American Tobacco Kenya Limited. Cigarette excise tax proposal for fiscal year 2012/13, March 2012.
19. Hill M, Digital Coding and Tracking Association. Integrated Solutions to secure the Supply Chain, Guangzhou, 25 Nov 2011.

20. Fracturecode, Tepoz G, Hernandez JS. CODENTIFY® THE PROVISION OF DIGITAL SOLUTIONS FOR REVENUE PROTECTION. Executive Presentation to the Ministry of Finance Asunción, 08 September 2011.

ⁱ FractureCode presentation from April 2012 notably stresses its “Low set-up costs”, “Low operational and maintenance costs”, “low impact on productivity”