

# How far does an emphasis on stakeholder engagement and co-production in research present a threat to academic identity and autonomy? A prospective study across five European countries

Annette Boaz <sup>1,\*</sup>, Robert Borst <sup>2,\*</sup>, Maarten Kok<sup>3</sup> and Alison O’Shea<sup>4</sup>

<sup>1</sup>Department of Health Services Research and Policy, Faculty of Public Health and Policy 15-17 Tavistock Place, London, WC1H 9SH, UK, <sup>2</sup>Institute of Health Policy and Management, Erasmus University Rotterdam, P.O. Box 1738, 3000 DR Rotterdam, The Netherlands, <sup>3</sup>Department of Health Sciences, Amsterdam Public Health Research Institute, Amsterdam, The Netherlands and <sup>4</sup>Faculty of Health, Social Care and Education, Kingston University and St George’s, University of London, St George’s Campus, 6th Floor Hunter Wing, Cranmer Terrace, London SW17 0RE, UK

\*Corresponding author. Email: [annette.boaz@lshtm.ac.uk](mailto:annette.boaz@lshtm.ac.uk) (A.B.)

## Abstract

There is a growing recognition that needs more to be done to ensure that research contributes to better health services and patient outcomes. Stakeholder engagement in research, including co-production, has been identified as a promising mechanism for improving the value, relevance and utilization of research. This article presents findings from a prospective study which explored the impact of stakeholder engagement in a 3-year European tobacco control research project. That research project aimed to engage stakeholders in the development, testing and dissemination of a return-on-investment tool across five EU countries (the Netherlands, Spain, Hungary, Germany and the UK). The prospective study comprised interviews, observations and document review. The analysis focused on the extent to which the project team recognized, conceptualized and operationalized stakeholder engagement over the course of the research project. Stakeholder engagement in the European research project was conceptualized as a key feature of pre-designated spaces within their work programme. Over the course of the project, however, the tool development work and stakeholder engagement activities decoupled. While the modelling and tool development became more secluded, stakeholder engagement activities subtly transformed from co-production, to consultation, to something more recognizable as research participation. The contribution of this article is not to argue against the potential contribution of stakeholder engagement and co-production, but to show how even well-planned engagement activities can be diverted within the existing research funding and research production systems where non-research stakeholders remain at the margins and can even be seen as a threat to academic identity and autonomy.

**Key words:** research utilization; stakeholder engagement; co-production; smoking cessation; return on investment; public health; health services research; academic identity



on changes in the engagement plans and project activities of the EQUIPT team.

## 2.1 Interviews

Fifty interviews were conducted with stakeholders ( $n = 45$ ) and with members of the project research team ( $n = 5$ ). The stakeholder interviews comprised six in Germany, eight in Hungary, thirteen in the Netherlands, nine in Spain and nine in the UK. Interviews took place between April 2015 and September 2016. In Germany, Hungary, the Netherlands and Spain, interviews were conducted face-to-face. In the UK, eight interviews were conducted over the telephone and one was face-to-face. Interviews were digitally recorded, translated into English where relevant, and transcribed. Questions were open-ended and investigated the circumstances around stakeholders' awareness of and involvement in EQUIPT, expectations of involvement in the project, the type and level of interaction with the EQUIPT team, benefits gained through working with EQUIPT, the perceived influence of stakeholder engagement on the project, and barriers to effective engagement.

## 2.2 Observations

Six stakeholder events were observed comprising: four events for EQUIPT team members and key stakeholders who formed the project's Research Advisory Group and two events aimed at dissemination beyond key stakeholders. The number of stakeholders who took part in the six events ranged between 22 and 60. The initial objectives of the EQUIPT project for engaging stakeholders in events were to gain feedback on the use of the ROI tool; gain support for the validation of the ROI tool; and discuss and disseminate findings about the development of the ROI tool. Each of the six stakeholder events was observed by two or three SEE-Impact researchers. The events were held in Maastricht, Brussels (two events), Budapest, London and Zagreb. The first event in Maastricht in February 2014 was a 3-day EQUIPT project team meeting. The second event in Brussels in October 2014 was the EQUIPT project's first annual team meeting and lasted 2 days. The third event in Budapest in September 2015 was the project's second annual meeting and also lasted 2 days. The fourth event in London in March 2016 was a half day workshop for stakeholders to give feedback to the EQUIPT team on an earlier, similar UK ROI tool which had been in use in the UK for some time. The fifth event took place in Zagreb in June 2016 and was a 1-day international workshop for potential stakeholders from other European countries beyond the five sample countries with the aim of supporting validation of the ROI tool in lower-income European countries. The final 3-day event in Brussels in October 2016 presented the findings of the study. In addition, six EQUIPT team meetings were observed in order to gain insight into the team's views and attitudes towards stakeholder engagement, and to learn promptly of any amendments to plans for stakeholder engagement. EQUIPT team meetings were held monthly and took place via teleconference because of the spread of team members across the five sample countries and Croatia as co-ordinator for out of sample countries. Meetings lasted approximately 1.5 h. Detailed field notes were taken at EQUIPT programme events, usually by at least two members of the research team.

## 2.3 Analysis

The three interviewers involved prepared detailed summaries after each semi-structured interview. These summaries covered both the

content and setting of the interviews and provided 'thick descriptions' (Geertz 1973) of how stakeholders were engaged in EQUIPT. The research team used these descriptions to arrive at a first overview of recurring or deviating themes in the data. The interview transcripts and observations were organized in NVivo (QSR International 2020) and an abductive analysis approach was used to provide the data with codes. This abductive approach combines a theory-informed approach to data analysis with empirical insights from the data (Stoopendaal and Bal 2013; Tavory and Timmermans 2014). In practice, this involved a first round of inductive coding, followed by a second round where these codes were compared to existing theory and codes were added or changed. An example is how we inductively developed our code 'stakeholder engagement'. In our data, this code increasingly reflected activities that could also be seen as data collection for academic purposes. The literature on stakeholder engagement that we used, and the earlier UK experience developing the original tool, however, mainly referred to stakeholder engagement as a way to create ownership and legitimacy. By comparing the meaning of the code in our data with how it is used in our conceptual literature, we observed a contradiction that we could further explore in our analysis.

## 3. Findings

The presentation of the findings of this study will start with an overview of how the EQUIPT team planned stakeholder engagement, and what their rationale for doing such engagement was. Subsequently, findings are presented sequentially focussing around the four main programme events and combining data from event observations, project documents and interviews with the project team and key stakeholders.

### 3.1 Stakeholder engagement planning and rationale

The aim of EQUIPT was to develop country-specific tools to support decision makers (including local policy makers and those procuring public health interventions) in accessing predictions of likely returns on investment arising from funding different tobacco control interventions (Pokhrel et al. 2014b). EQUIPT set out with a clear work plan to engage with stakeholders from the beginning and throughout the programme. A wide range of terms were used by the team to describe work with potential stakeholders' including stakeholder engagement, co-creation and co-production. The study protocol used the language of 'co-creation' to signal their intent to work closely with stakeholders on the adaption, scale and spread of the return-on-investment tool to other European countries (Pokhrel et al. 2014b). Within the study design, there were two elements with an explicit focus on stakeholder engagement: in the so-called 'working space' where the return-on-investment tool was to be developed (where a process of co-creation with stakeholders was envisaged) and in the so-called 'transfer space' where stakeholder engagement was considered to be integral to the process of disseminating the return-on-investment tool. The EQUIPT funding agreement part B document states that the following stakeholder groups would be targeted: '(1) National and European stakeholders consisting of policy-makers, academics, health authorities, insurance companies, advocacy groups, ministry of finance, national committees, clinicians and health technology assessment (HTA) professionals—the outcomes of engagement with Target Group 1 will be used to obtain an optimum assessment of preconditions for usability of the final



really real interviews, it was more really very, it were very structured interviews in which they really just had to fill out a questionnaire.” Peter, EQUIPT researcher

The questionnaire itself was composed of 19 structured questions, mostly requiring Likert-type answers and including several sub-questions. The information sheet of the questionnaire explained that the interview ‘(...) should last approximately 40 min’ and—with the respondent’s verbal agreement—would be audio recorded ‘to save time’. Most of the survey interviews with EQUIPT stakeholders were conducted between January and July 2014. Shortly after, the SEE-Impact team approached several of these stakeholders for a semi-structured interview on their experiences being engaged with EQUIPT. Most stakeholders explained that they could not recall the exact content of the interview, nor whether they were satisfied with it. Stakeholders like Matthew expressed some confusion about what and how they were being engaged in the EQUIPT study:

*Matthew [EQUIPT stakeholder]: I believe that he had a, a, uh, list with questions that he followed quite strictly, I think. And he had, yes, he had a computer with him, on which he showed things. A laptop or something.*

*Interviewer: Yes, he probably showed a video?*

*Matthew [EQUIPT stakeholder]: Yes! Yes! And that was surrounded by some sort of standardised story, by him, and that is what he then did entirely: telling that standard story. And, and, uh, asking questions before, yes. Watching something, asking questions afterwards and then at the end there was this sort of standard question, like: do you have other comments? That is when I mentioned several things. Things that, for me I think, were most important. And I have no notion whatsoever as to what happened with those things.*

At this point, the idea that stakeholders would be beginning to see themselves as partners in the research process with some ownership of the tool seems to be slipping away, as Matthew describes an experience of participating in more of a one-way data collection exercise.

### 3.2.2 Brussels—October 2014

By the second annual project meeting in Brussels, a number of challenges to stakeholder engagement were emerging. In particular, the time required to gather feedback directly from stakeholders was proving difficult to reconcile with the needs of the modellers (working on the new return on investment tool), the demands of the technical tool adaptation process and development process. This was further compounded by the decision by the funder to require all grant holders to adhere to their original timeline (with end dates remaining set regardless of project delays) (Boaz et al. 2018).

The need to deliver the adaptation of the tool on time led to a rethinking about the intensity and method for stakeholder engagement. After much discussion, the large number of face-to-face meetings planned with stakeholders were replaced by recorded SKYPE calls with stakeholders focused on testing the adapted tool. In addition, the planned ‘consensus workshop’ was reframed into a usability test of the model. Initially, the workshop aimed at arriving at consensus among stakeholders regarding the most important smoking-related diseases to include in the model. At this stage, however, the modellers seemed concerned that this step would further lag the already delayed development of the tool.

*‘At the end of the first project day, it seems that the modellers are constantly asked to change their variables and input data. Although they articulate their concerns quite modestly, their faces express unease. Discussion is constantly focussed on what is in or outside the model’* exert from SEE-Impact researcher field notes

One of the senior researchers in the project suggested to focus on usability of the model instead. Using terms as ‘back-up plans’ and ‘thinking out of the box’, he hinted at a digital approach where stakeholders could use the model whilst researchers could gather data about the usability of the model—thus noting a shift towards a more dissemination focussed engagement strategy.

### 3.2.3 Budapest—September 2015

By the third annual meeting in Budapest, a further shift had occurred which seemed less driven by the technical elements of tool development and the requirements of the modellers. At this stage, the EQUIPT research team seemed to be describing a pull towards generating knowledge suitable for publication. The researchers reported on a decision to conduct a survey of stakeholders to gather feedback on the tool. This validation exercise was conducted in a more conventionally scientific format. While the researchers discussed the results in terms of their utility for tool development, they also emphasized the potential for generating academic publications based on the results. As one of the SEE-Impact research team observed in her notes:

*‘It is possible to see how [research with stakeholders rather than stakeholder engagement] continues to gain insights for the development of the tool. In fact it may gain more detailed feedback through the observations of individuals as they use the tool. However, is it likely to build ownership of the tool in the same way as the planned face to face stakeholder engagement exercises?’* exert from SEE-Impact researcher field notes

At this point, the dual goals of stakeholder engagement in EQUIPT (improving the tool and promoting use of the tool) seemed to uncouple and shift. While the importance of stakeholder views in shaping the tool remained in the foreground, the opportunity to recast stakeholder engagement as a research activity for academic publication purposes proved attractive to some of the team members. At this stage in the process, the second goal of stakeholder engagement (to build relationships and ownership of the tool in order to promote use) was mainly supported by some of the country teams, who still felt this was crucial for the success of the tool. In particular, the Spanish and Hungarian team seemed to be more committed to a more personalized approach to stakeholder engagement, as reflected in the words of a Spanish EQUIPT researcher:

*“The first sentence was: ‘This questionnaire is to test the users’. Maybe if you are a stakeholder you will think: ‘okay, what are they asking me, what will they ask me?’. If [the interviewers] are stating that in the very first thing in the questionnaire; it makes [the stakeholders] suspect that it will be an exam. (...) So, I told [the Dutch questionnaire developers]: keep that in mind, that the interview, it is not an exam. Don’t see it like an exam. But I think the Hungarians said something related to that as well”* Lucia, EQUIPT researcher

A Hungarian EQUIPT member would later explain that some country teams: ‘(...) may have a different perspective on [engagement] and a different information need. For them the







