

# Research Proposal

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## 1 Introduction

The business of online advertising has evolved to a landscape which is not transparent anymore. A handful of large advertisement firms are controlling practically every online ad you see. Almost every movement during the visit of a regular website is sent in an obfuscated way to the advertisement broker, without any visible sign to the end user. This makes the whole browsing experience obnoxious, especially now it turns out that entire societies are influenced by the power of advertisement networks, as we have seen in the Cambridge analytica scandal<sup>1</sup>.

Several publishers have been experimenting with alternative ways of generating income. Currently publishers are selling subscriptions, asking for donations or using the visitors' computer for cryptomining. But these models do not seem to be a real substitute for advertisement networks.

## 2 Problem

Advertisements can help to promote commercial products or change a general opinion. With commercial products, a company pays a publisher in order to let them show an advertisement to an end user. The company needs to compensate for this payment, so in end effect the product will be sold with an additional charge. This means that the end user is still paying indirectly to the publisher. Which makes the whole ecosystem not really efficient from an end user point of view. So why not pay to the publisher directly?

At this moment there is no universal way of paying to all publishers that are serving advertisements right now. Also the publishers that are offering subscription models are asking much more than the amount of money that would be generated by serving ads.

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<sup>1</sup>Carole Cadwalladr and E Graham-Harrison. "The Cambridge analytica files". In: *The Guardian* 21 (2018), pp. 6-7.

**3 State of the art**

**4 Concept**