**Problem/case  
(problem analysis)**

It involves a lot of time, effort and even money for the authors to get a scientific article published.

Journals (paid or paid) take care of:

* the peer review process
* the editing and publishing
* distributing

Is there a way to save hassle and money and

* Make scientists able to this themselves
* Give quick access to readers from a qualitity database  
  of articles reviewed by independent reviewers,   
  even non-scientific reviewers that value the valorisation worth of it
* Making science more visible to a broader audience
* Protect their work with the clear and safe audit that blockchain offers

and power at the samen time:

* Allow reviewers to show that they are at the forefront of new knowledge   
  (reputation building)
* Reviewers to get in contact with good new writers wherever they are   
  (connecting worlds and persons)

**MVP**

Author:

* Upload article, sign with digital signature

Reviewers:

* Option to register as a reviewer
* Get randomly selected to review an article
* Give a yes/no to publish an article (pending, rejected, accepted)
* Get reputation points (if they with the 2/3 part of random reviewers?)

All:

* Check date-time-author on the blockchain
* Access to article
* Access to reputionpointsledger (?)

\* publishing articles --> in blockchain  
 \* requests for random reviews are sent to all users (2 reviews) --> in blockchain  
 \* articles get labelled 'reviewed' after X positive reviews. (this may mean visible at that moment) automatic, in blockchain  
 \* reviews are posted by the randomly-requested reviewer --> in blockchain  
 \* we assume no retribution for mining as all nodes have interest in sharing quality info.

**Embed Consort**

Universities/authors/reviewcommunities?

**Working on**

Getting nodes working

**Direct needs/help now**

**3 Month Plan**

**IMPACT CANVAS**

**On user**

Less Time/effort/money to share and own scientific work

**On user context**

Connectivity with oublic & reviewers

**On society**

More access and involvement with scientific work

*(nb : as we must know who votes and who publishes, there is some sort of login, but I don't think we have to go in details during the hackathon about how users get their login). Our goal is to show that someone who would want to tamper with the votes could not do that because of the security offered by the blockchain itself (cannot quickly update the DB, or create dummy nodes, because they would have to be consistently faster than the rest of the nodes to solve the math problems)*