

Instructions: Write a half page (around 200 word count) as an innovation case study. [Open book project](#).

Title: SENSORICA OVN

Location

SENSORICA is a *glocal* open innovation and peer production network that originated in Montreal, Qc, Canada in early 2011. Most of activities are coordinated from the SENSORICA Montreal lab, a physical location where local affiliates can meet and work together. Hardware development activities also take place in Australia and Pakistan.

Problem

[If possible, include data that describes the scale and dimension of the problem.]

SENSORICA is a pilot project for *commons-based peer production*. The network's activities cover everything from open science, open innovation to peer production. The most important problem sensoricans are solving is to integrate all these activities into a coherent and self-sustaining model for p2p economics.

There is no doubt about the socioeconomic impact of open networks / communities, judging from the most disruptive open source technologies like 3D printing, drones, and the blockchain that they have unleashed in the past few decades. Although hugely innovative, these new structures are still incapable to capture the value they create. Instead, traditional for-profit organizations monetize the new innovation produced by these open networks. The open innovation mode and the traditional value capturing mechanisms are incompatible, to say just the least, and that causes a lot of social friction.

Some believe that product design, manufacturing and distribution will remain in the realm of the corporation and that innovation will increasingly become open, produced by open networks. The problem is one of interface between these traditional and new stakeholders. This is seen by the recent surge in development activities of the social enterprise, trying to redesign the corporation to include the sustainability and viability of open innovation networks into their bottom line calculations, as they realized that innovation will be more and more crowdsourced.

Others believe that the corporate model is obsolete and that open networks can bridge the gap to the market by growing new functions. In other words, production is also becoming decentralized. This is precisely what SENSORICA is demonstrating. We are building a self-sustaining open network that is able to innovate, to distribute the innovation and to capture the benefits in doing so, which are distributed to participants in a fair way.

This is well-illustrated in [this short video](#).

Solution

[Describe the main features of the innovation, especially that which makes it unique and has contributed significantly to success. 1 paragraph, this is the bulk of the case. If the innovation is part of a larger trend / one of many examples, you can briefly point that out and list two to three additional examples of similar innovations with links.]

SENSORICA proposes a new model for innovation and production, called the Open Value Network (OVN). In order to increase the efficiency and the predictability of economic activity in an open and networked environment sensoricans have built on top of open source development methodologies new IT infrastructure for network resource planning (NRP), new governance, and have created the conditions for a new culture to emerge, one that fosters sharing and collaboration.

Results

[What impact has the solution created? Summarize the key quantitative and qualitative results. Numbers tend to be the most convincing. 1-2 sentences. Resources. A link to the innovation, particularly if there some way a reader can take action like start one where they live, join a network, or simply learn more. (one sentence that can include links to 1-2 resources) This section can also include the name & e-mail of a project member if they agree to be contacted for consultations.]

SENSORICA has been created at the beginnings of the p2p era, almost simultaneously with other initiatives that are now recognized as the sharing economy, cryptocurrency, etc. Throughout its long history the network has demonstrated resilience. The SENSORICA Montreal lab has doubled in size every year since 2011. SENSORICA has developed a very diverse ecosystem, building interfaces with academia, the private sector and different levels of Government. The income generated by sensoricans is continuing to grow since 2014.