Sensestack.github.io

Nadia El-Imam, Edgeryders

But entrepreneurship is really hard.

- You have to identify the right problem to solve.
- Then you have to come up with an original solution. In late stage capitalism it can feel like anything you can think of someone is already doing.
- If you do manage to come up with an innovative solution, you have to figure out how to get enough people to pull out their wallets and give you money for it.

This is hard under the best of circumstances. So how did I get from being so stuck, to co-founding a company that gets 1.6 million euros. To help the European Commision figure out how to provide health and social care for the unions citizens as costs rise faster than GDP?

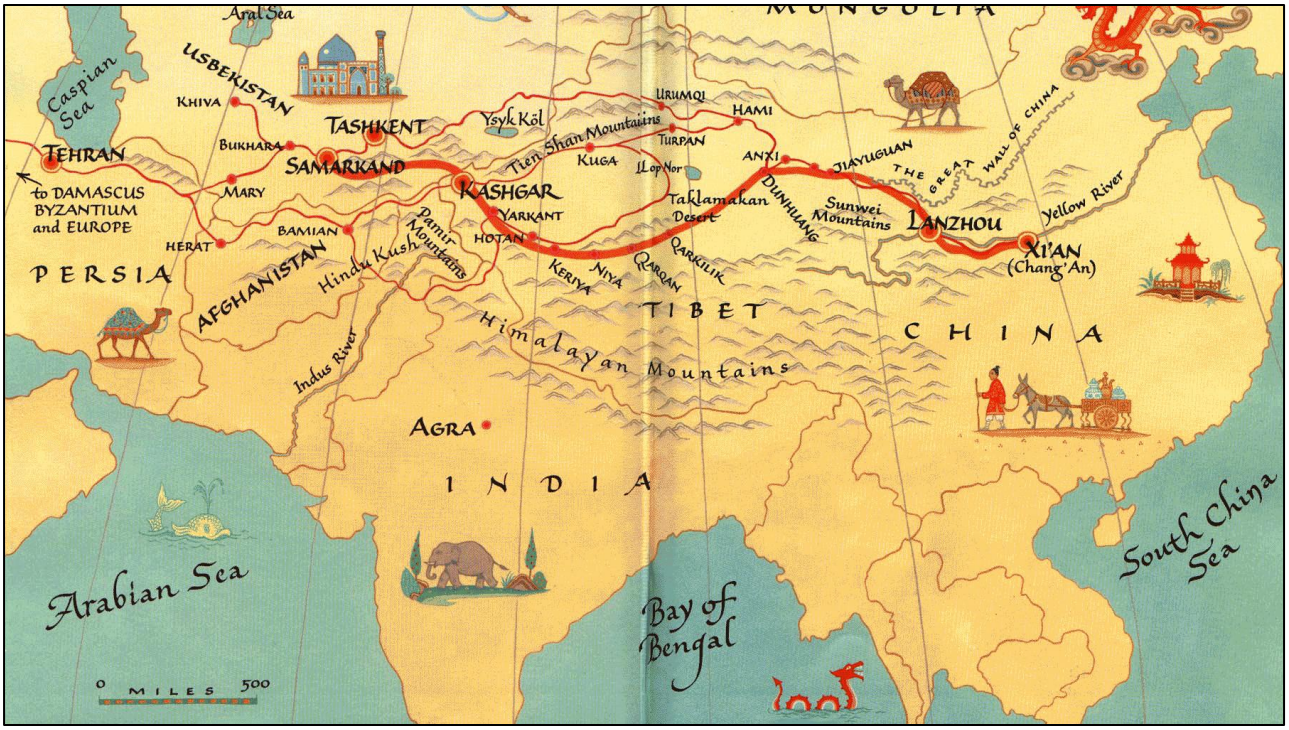
The answer is in networks. We built an online community of thousands of social innovators in more than 80 countries. People share experiences from trying to fix things on an open online platform. Give each other advice. Connect each other with resources.

Sense Stack is an innovative suite of online software developed, customized

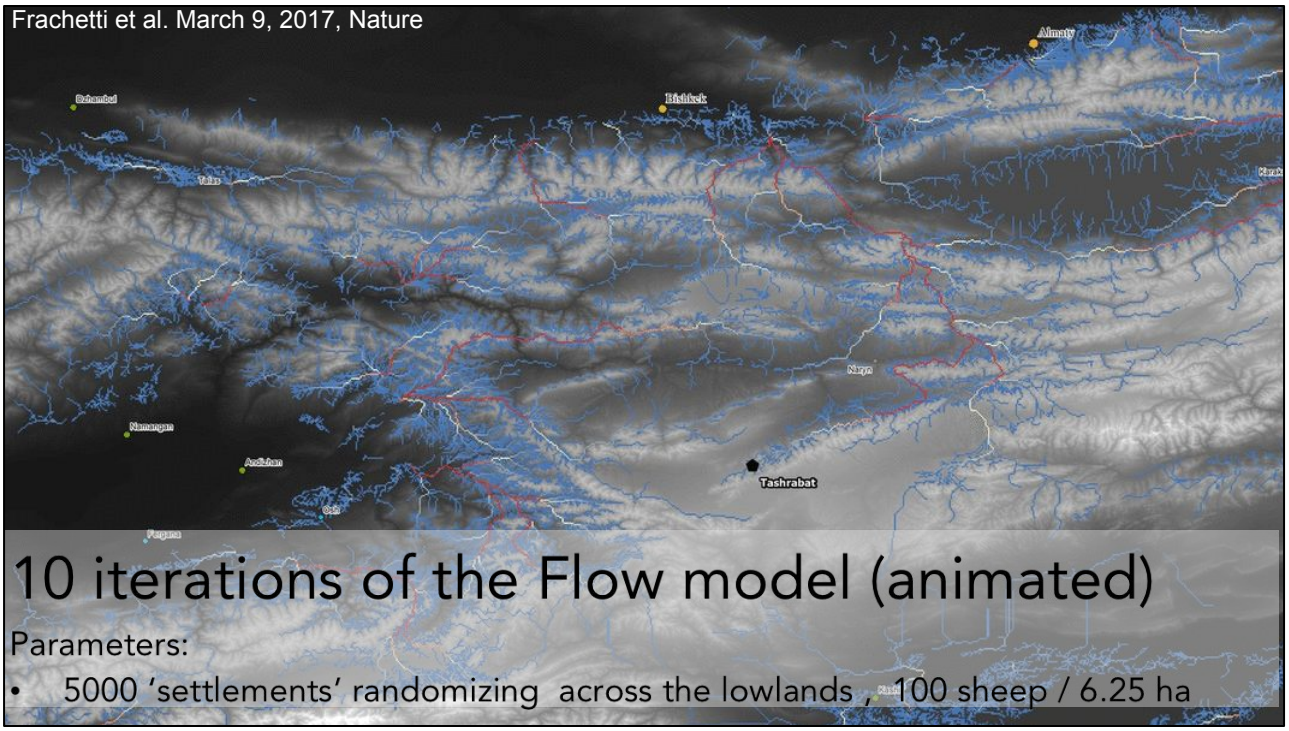
and maintained by Edgeryders. SenseStack is integrated with complete access to the Edgeryders Academy, with online courses about digital ethnography with Open Ethnographer, semantic social network analysis with Graphryder (available Sept ‘18) and Community Building and Management.

We know it works.

1. You are the Mayor of Matera, a peripheral city in Italy. Brain drain. You need to attract creative and entrepreneurial people. No jobs, bad infrastructure. You have 80,0000K Euro. How would you do it? Use our methodology to engage a large number of individuals to become a dense network, throw in an open question for people to discus and use our technology to turn their conversations into collective intelligence about how to solve the problem. Answer: Need new infrastructure. Solution: unMonastery - Secular monastic order modelled on the Benedictines. Outcome: City wins title of European Capital of Culture, active civic innovation network put in place our work mentioned as contributor to this and to citys 7% economic growth. Bucharest and Galway also contracted us to deploy methodology and tech for their own bids to ECOC competition.
2. You are a young man from Cairo and hear about this unMonastery project. So you go to visit the house during one of the community events. During the event, one group of people in the house decide to build a timetable for the local buss system. There is no data to be found so they just switch on the gps trackers on their mobile phones and sit on busses to map the routes, then upload them onto a map. You are interested in urbanism so you get involved in this. Hegazy then went back to Egypt and engaged a team of people to collect all available data and map the informal transportation of Cairo (routes, stops and schedules) to increase anyone's ability to use public transportation.
3. This is what happens when you throw a young person into a dense network...



Dense networks are a key backbone infrastructure to build a prosperous future for MENA youth, and the region in general. How? can learn alot from the silk road.Because it was in a turbulent world with constant conflict. Did not assume advanced infrastructure or interventions by well functioning institutions. It was the result of sheeps being moved up and down the region in search of pastures. Meeting places for socialisation and trade where their paths crossed. Over time these developed into trade routes and brought prosperity and innovation.



What we think of as a road is actually a network of paths arising due to "collisions" between herders in the highlands when their sheep flocks met.This is an animation of simulated sheep paths forming networks. Overlap of 75% between known paths and simulated paths support thesis of Silk Road network paths arising due to "collisions" between herders in the highlands when their sheep flocks met

Dense networks!

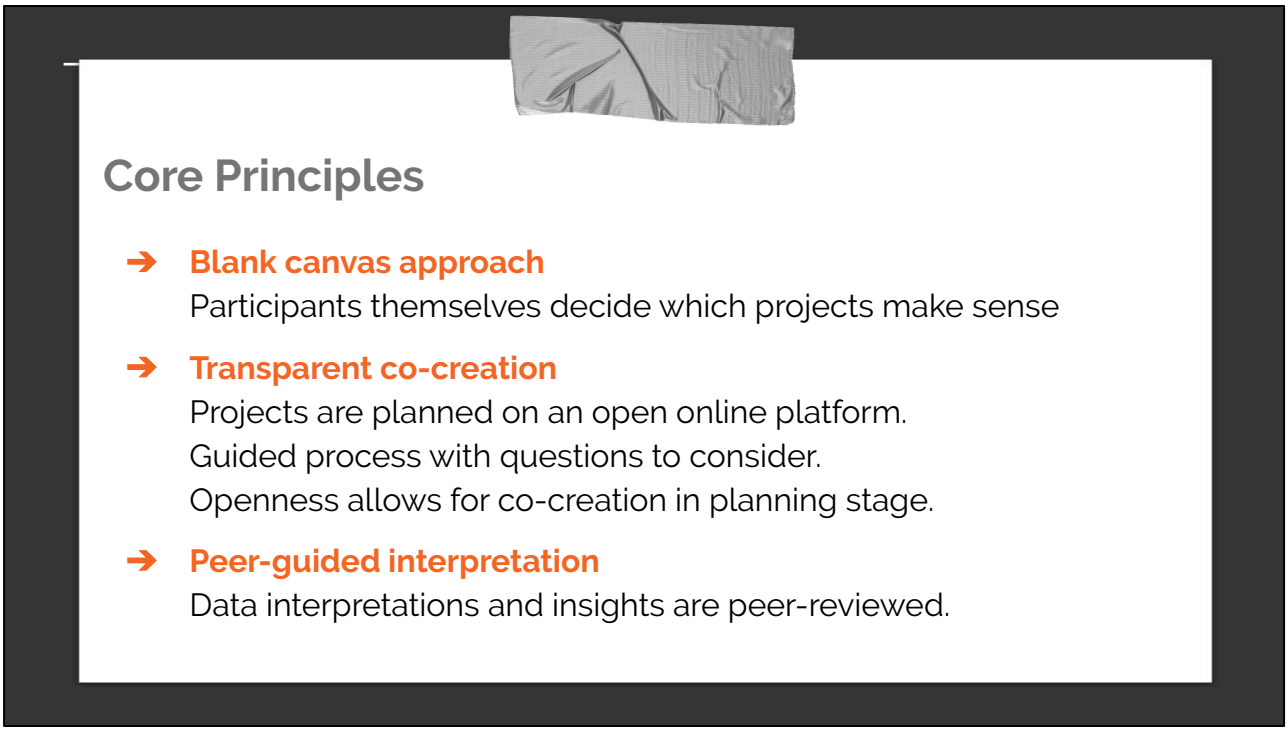
It's all about network density, stability and ease of navigation

- ➔ **Increase collision rate**
  Accelerate the rate of collision between creative and talented people.
- ➔ **Nurture connections**
  Make connections last by building strong trusting online/offline communities.
- ➔ **Map the paths**
  Document the paths between people and projects and between unknown solutions to hard problems.

Job Creation? Entrepreneurship? What we have found from the years of doing this is that there are so many different three needs to you have satisfy during the years it takes to develop, fine-tune or challenge new companies, products and services.

Build dense networks in places where people are not paying attention.

The real problems can be as surprisingly trivial as "we are not allowed to make international money transfers or to have an international bank account as Tunisians, and our credit cards do not work on international websites". That's already too big of a problem to solve for most Tunisian young people with entrepreneurial aspirations, so they can't proceed. It is however not a big thing for an international community of hackers with a bit of resources ("set up Bitcoin over-the-counter exchanges in major Tunisian cities", "find out and document step-by-step instructions for the partial solution in the recent Startup Act legal code that nobody understands").



Basically what you want to have is this.

Social contract:

- Get other people engaged in your idea and coordinate with other projects (but only if you want to)
- Projects must be on platform to be funded (but you can always self fund)
- Projects must be on platform to get placement (but you can always just show up)

Grant decision still made by form and committee

Boring and cumbersome process

#artgrants Slack channel

Increase collisions

Guides dense network

Granting dense network

Create

Join

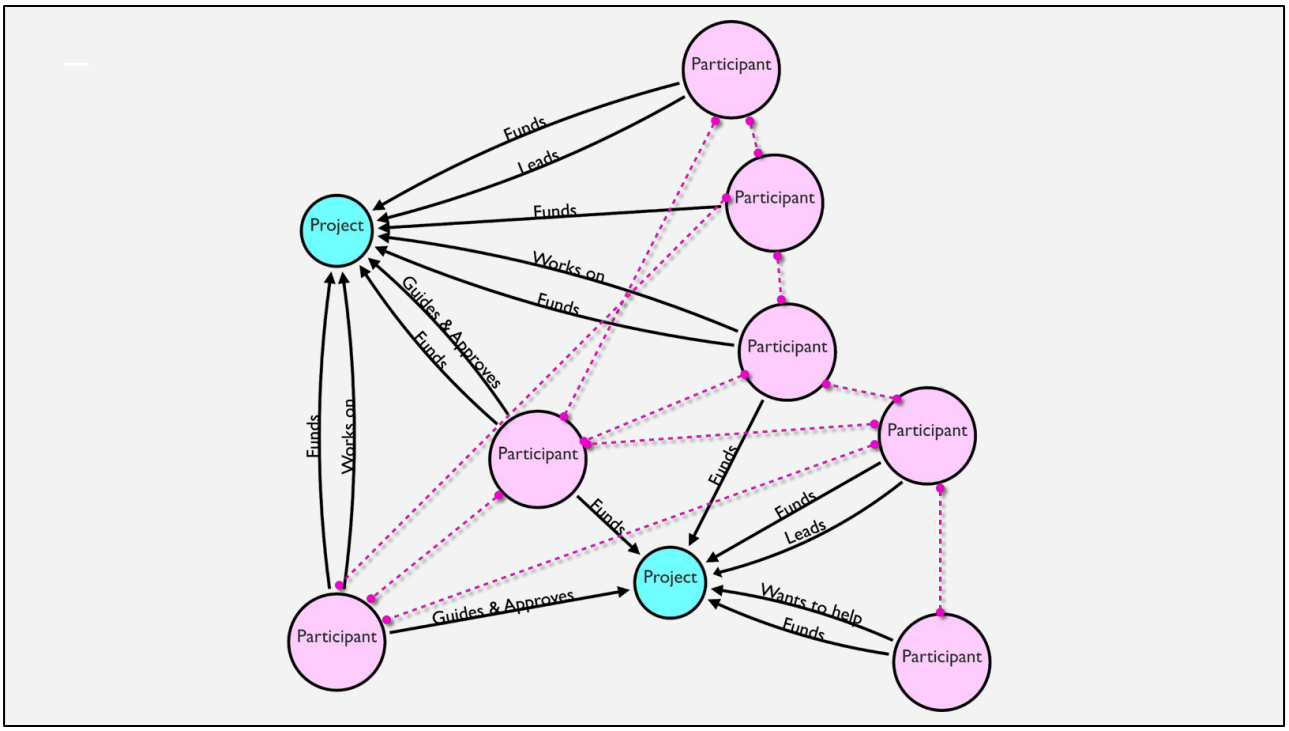
Guide

Grant

Sensemaking & Co-creation Technologies designed to maximize network density!

If you want to successfully navigate chaotic and ever changing business realities you need to adopt the right mindset. You also need the right tools. Unlink most work and knowledge management technologies, the edgeryders stack enables individuals to co-create projects in an easy and transparent manner with the rest of a community.

We have built software to turn conversations into collective intelligence that helps everyone to make sense of any issue. And identify creative solutions to problems. SenseStack increases the probability of generating innovative ideas, makes success more likely through skill sharing, improves connectivity between clusters of communities, improves documentation through methods and paves the way for powerful remote and distributed collaboration.



This means that rather than think of business activity as clusters of different people interacting fluidly across different teams to contribute to different projects according to their skills and interests. The clusters are open in that people can easily move between project clusters. They do not follow organisational boundaries, but organisational interests can be served by building in multipartite contracts and temporary limited liability partnerships into the projects. Used well tools can easily encode the agreements e.G regarding allocation of resources and distribution of profits, intellectual property management etc.

Dense networks!

It's all about network density, stability and ease of navigation

- ➔ **Increase collision rate**
  Accelerate the rate of collision between creative and talented people. **Key tools: online platform + add ons for event organisation+ add ons for outreach & marketing addons + Realities**
- ➔ **Nurture connections**
  Make connections last by building strong trusting online/offline communities. **Key tools: OpenEthnographer + Edgesense + Realities**
- ➔ **Map the paths**
  Document the paths between people and projects and between unknown solutions to hard problems. **Key tools: Graphryder + Realities**

Job Creation? Entrepreneurship? What we have found from the years of doing this is that there are so many different three needs to you have satisfy during the years it takes to develop, fine-tune or challenge new companies, products and services.

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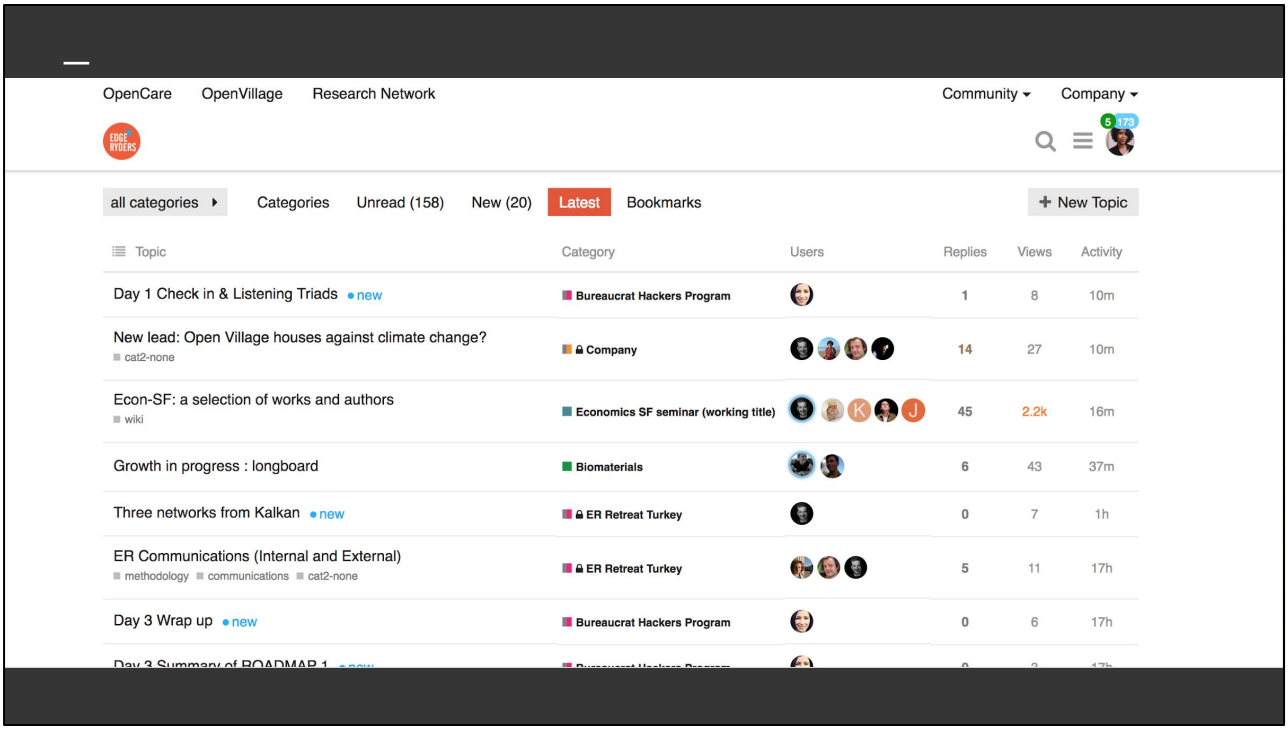
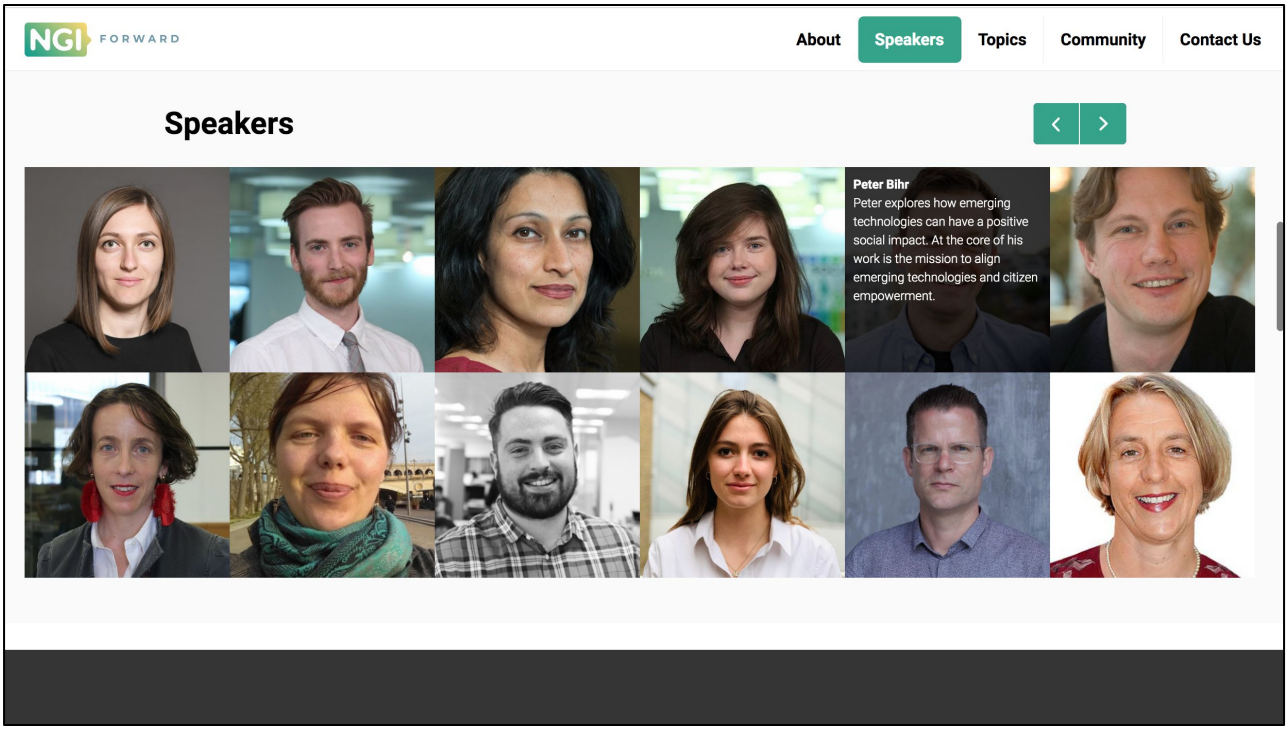
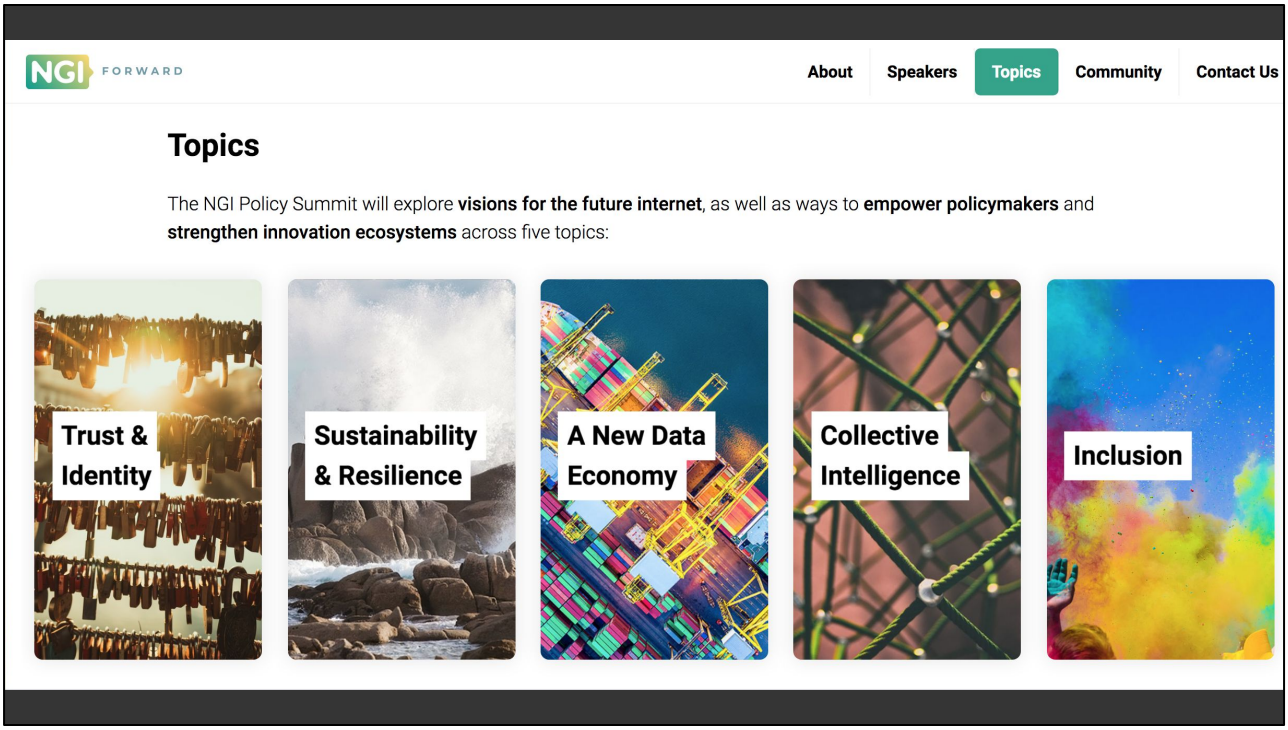


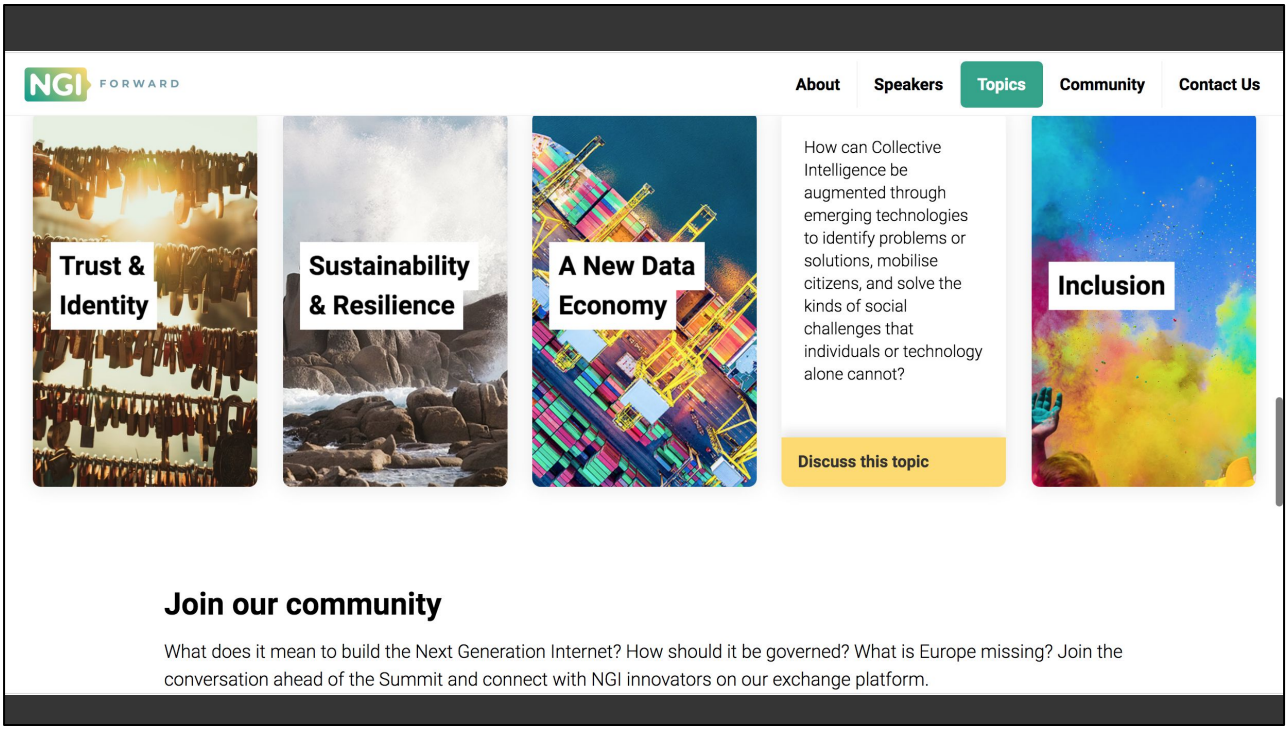
An online forum for sharing information and discussing
This is what it looks like to the logged in user - it's very similar to a simple forum - but you can turn each post into a collaboratively editable document, an event, a personal biography for a speaker at your event. Examples of what this can look like further below.



From the online forum, you can generate dynamically updated “shopfronts” to present selected posts from the forum. Which you can also edit directly from within the forum posts.



Also the online platform - you can generate dynamically updated “shopfronts” to present selected posts from the forum. Which you can also edit directly from within the forum posts.



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NGI FORWARD

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Join our community

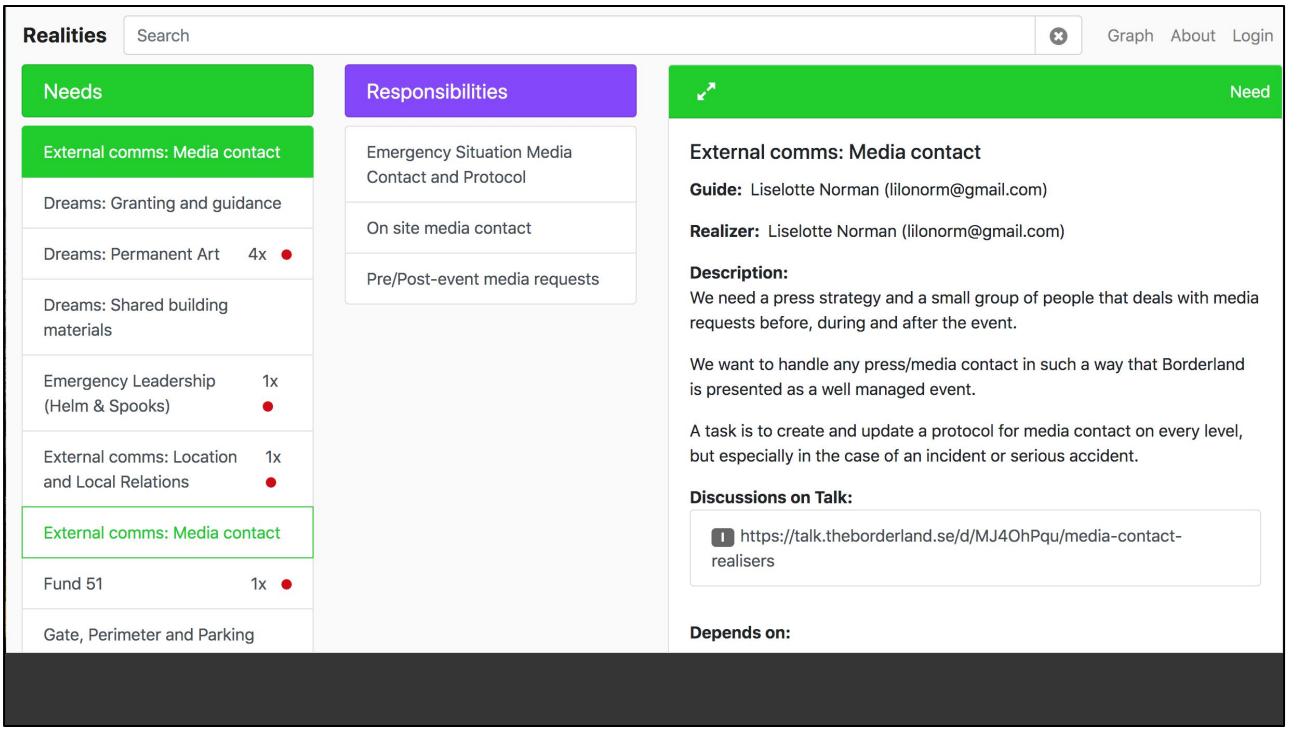
What does it mean to build the Next Generation Internet? How should it be governed? What is Europe missing? Join the conversation ahead of the Summit and connect with NGI innovators on our exchange platform.

Sign up to create an account for the NGI exchange platform, hosted by Edgeryders. Registering for the platform is optional and separate from your registration for the event.

Featured community posts

5 New Principles for Justice in the age of AI (and other networked technologies)?

@estragon sums it up: AI is like Mr. Hyde to doctor Jekyll. Is your companion who does difficult tasks for you, but with something in exchange. It is the angel and the devil on your shoulder. It is American arroga...



There is also a tool for co-creating projects in an easy and transparent manner with the rest of a community. It's also the tool that keeps track of project budgeting and reporting.

EDGESENSE

EdgeSense is a dashboard that allows you to understand how your community interacts. You'll see a graphical representation of the community where nodes represents users and edges represent interactions. Analysis of nodes help you understand how much your community members are active and engaged in the conversation, which is key to understand different roles or project groups that could emerge during a period of activity. See how your community grows and clusers over time and how people are connected. See how dense or sparse the networks are between subcommunities and understand when to take action. Another possible analysis is based on the subcommunities that are active in and how dense the networks are between subcommunities.

EdgeSense helps you make decisions on how to best manage your community. For example is it possible to highlight or hide the role of moderators, to understand to which degree the community is self-sustainable or might need a push from the center.

OPEN ETHNOGRAPHER

A tool to systematize and understand online conversations. Open Ethnographer is used for “coding” or tagging the content of online conversations, with awareness of how each tag fits into the social network of interactions. It allows digital ethnography at an unprecedented scale, to understand a community from the point of view of the community itself.

Ethnography has always been a solitary science, Open Ethnographer is a new and scalable system that allows digital ethnography possible at an unprecedented scale, and because the goal of ethnography is to understand communities make meaning and create culture, from the point of view of the community itself, Open Ethnographer is a powerful way to harness collective intelligence at work. It’s developed for and by ethnographers, but can easily be taught to any community manager to keep track of an online conversation at depth.

GRAPHRYDER

Graphryder is a dashboard tool that allow us to analyze the conversations that are happening in the community through reading of ethnographic data. A dashboard represents conversations, and the fieldnotes made by researchers thereon, in network form. We call these networks semantic social networks, as they incorporate information on social interaction and their meaning. They encode a map of the associations between key concepts as perceived by informants as a group.

Useful for insight into your community because it maps out a graph of the view of the community about sets of topics, and it can lead to unexpected solutions or original point of views. Graphryder is what helps you navigate conversations at scale and gain insights.

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EDGE RYDERS

nova

"DIY and Open Source care solutions"

7 May 2017

nesta

"The era of development mutants"

11 April 2016

theguardian

"Eleven tips for councils on thinking creatively about adult social care"

28 April 2014

The Nation.

"Can Monasteries Be a Model for Reclaiming Tech Culture for Good?"

27 August 2014

THE NEW YORKER

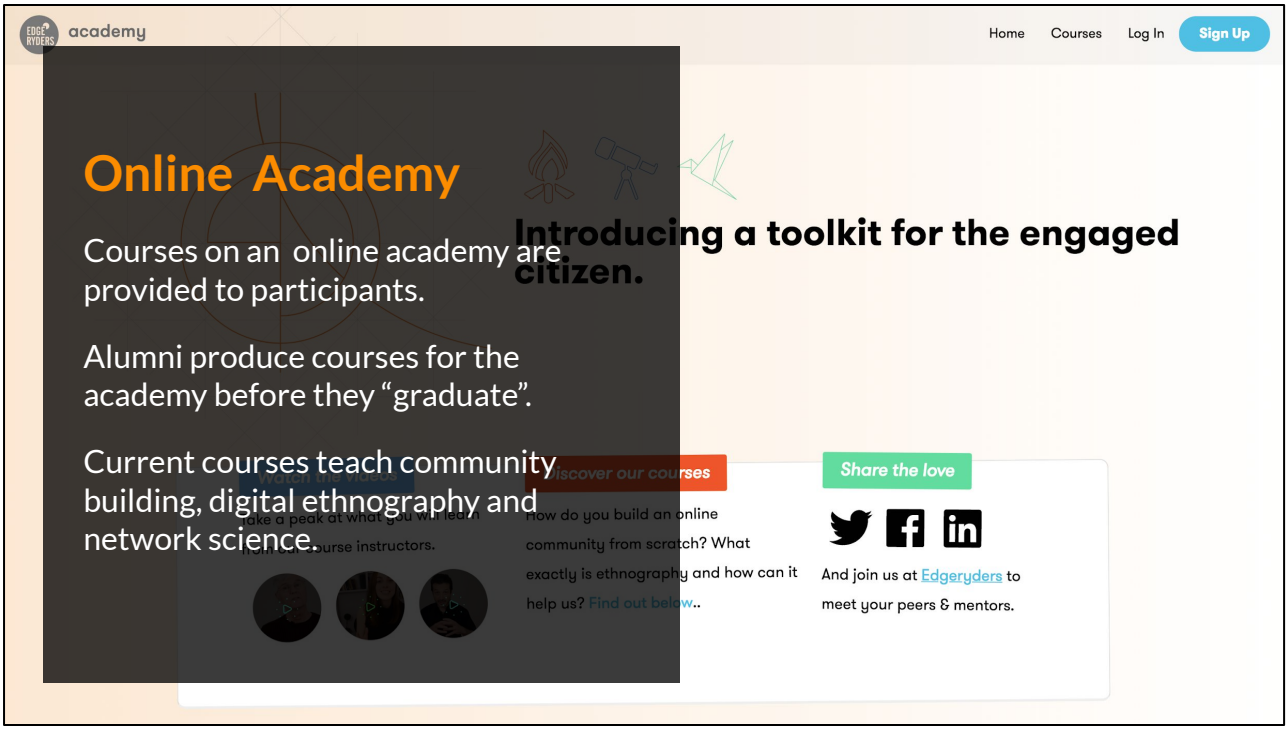
"A Cave with a View. Matera, once seen as uncivilized, is now prized for its ancient ways."

27 April 2015

KRAUTREPORTER

"When hacktivists live like monks"

12 November 2014



All of these learnings go into an online academy for people to discover and learn the new practices and skills, and replicate results. The courses are produced by peers for peers through a collaborative effort and then shared beyond the network. And again, increase network density.

A human powered alternative to Artificial Intelligence?

We have built software to turn conversations into collective intelligence that helps everyone to make sense of any issue. And identify creative solutions to problems. SenseStack increases the probability of generating innovative ideas, makes success more likely through skill sharing, improves connectivity between different groups, improves documentation through methods and paves the way for powerful remote and distributed collaboration.

Thank you

http://hugi.se/openvillage

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