Weaving communities
The missing link for the social impact of universities.
Using network analysis to study the articulation of communities at UPC.

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PRESENTING
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Johan Rockström and Pavan Sukhdev present new way of viewing the Sustainable Development Goals and how they are all linked to food.

Stockholm Resilience Centre, Stockholm University
## 2 UPC Programs - Communities are studied

### Comunitats Col·laboratives UPC

- Launched in 2014
- Initiatives and actions to train the administrative staff in collaborative work
- Support: training, time and facilitation
- Data: 5 years

> “By 2024 it will be normal to work collaboratively in the university”

### Centre for Development Cooperation

- Funded in 1992
- All UPC profiles are involved
- Support: training, funding for travels.
- Data: 10 years

> “To promote the active involvement of the UPC in development cooperation and to support the implementation of initiatives in this field by all members of the UPC”
Centre for Development Cooperation
Studying Communities with Social Network Analysis

Nexus24 Network:

CCD Network:
Conclusions: articulating communities

- We can distinguish an articulated network vs a non-articulated one.
- The management model influences the behaviour & growth of the network:
  - CCD: Repeating the same model (call for projects) in time supported hundreds of projects but did not necessarily reinforce connection.
  - Nexus24: diversity of activities (projects, learning and articulation) increase the connectivity.
- Little attention is paid to SDG number 17, while it is fundamental.
- But it is not only about the quantity of funding, is it also about the capacity of articulating relationships among individuals and actors to build communities.
- In order to support SDGs in society, Universities should embrace the challenge of articulate communities. As an example:
  - UPC Nexus24 Program has been supporting the administrative staff in managing collaboration.
  - The Collaborascopi Research Project is showing new ways of evaluating collaboration in the UPC community.
  - Our aim is to apply systematically the articulation of collaborative communities for SDGs at UPC with surrounding actors (transdisciplinarity).
Evolution of participants (vertices) and connections (edges)
Studying Communities with Social Network Analysis

Nexus24 Network:

CCD Network: