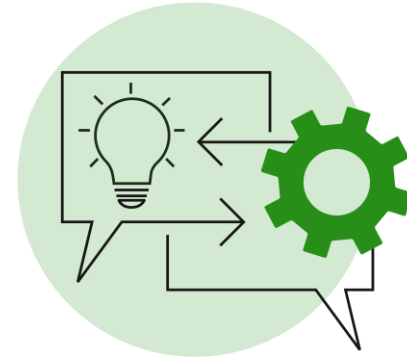


Hoe een goede omgeving creëren
voor co-innovatieprocessen?

Evelien Cronin



Innovatie en kennisuitwisseling met diverse actoren en organisaties

Hoe doe je dat?

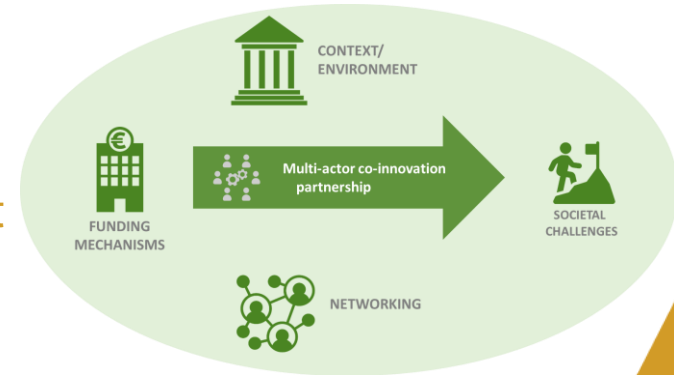
*Lessen uit het LIAISON project
o.b.v. 32 case studies*

Evelien Cronin

Netwerk- en leerevent: Interactieve innovatie in de landbouw, 9 juni 2022



1. Er bestaat **een grote diversiteit** aan types “multi-actor” samenwerkingen in Europa (en Vlaanderen!)
2. Interactieve innovatie kan **effectief en efficiënt** gebeuren in verschillende formats
3. Er is **meer aan “interactieve innovatie”** dan enkel de interacties binnen deze samenwerkingen



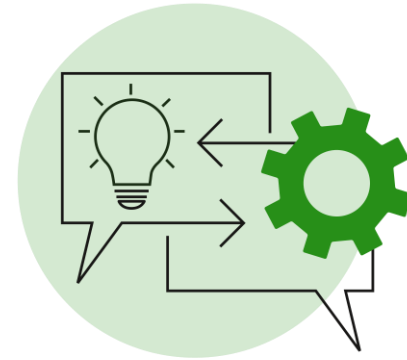
Aan tafel!

1. 4 tafels – 4 vragen
2. Ieder kiest vrij een tafel met vraag
3. Binnen 10 min. wisselen we één keer
4. We vergelijken jullie gesprekken met de LIAISON bevindingen!

4 vragen

1. In welke types “multi-actor” samenwerking zijn jullie al betrokken geweest? Hoe was die ervaring? (Charlotte)
2. Welke moeilijkheden komen multi-actor samenwerkingsverbanden tegen? (Marlinde)
3. Welke soorten onderwerpen/innovatie lenen zich (niet) tot multi-actor samenwerking? (Simon)
4. Wat zijn de succesfactoren van een multi-actor samenwerkingsverband? (Daniël)

Een regenboog aan multi-actor samenwerkingsverbanden



Project



Entrepreneur - gedreven initiatieven



Programma



Cluster, coöperatieve, netwerk



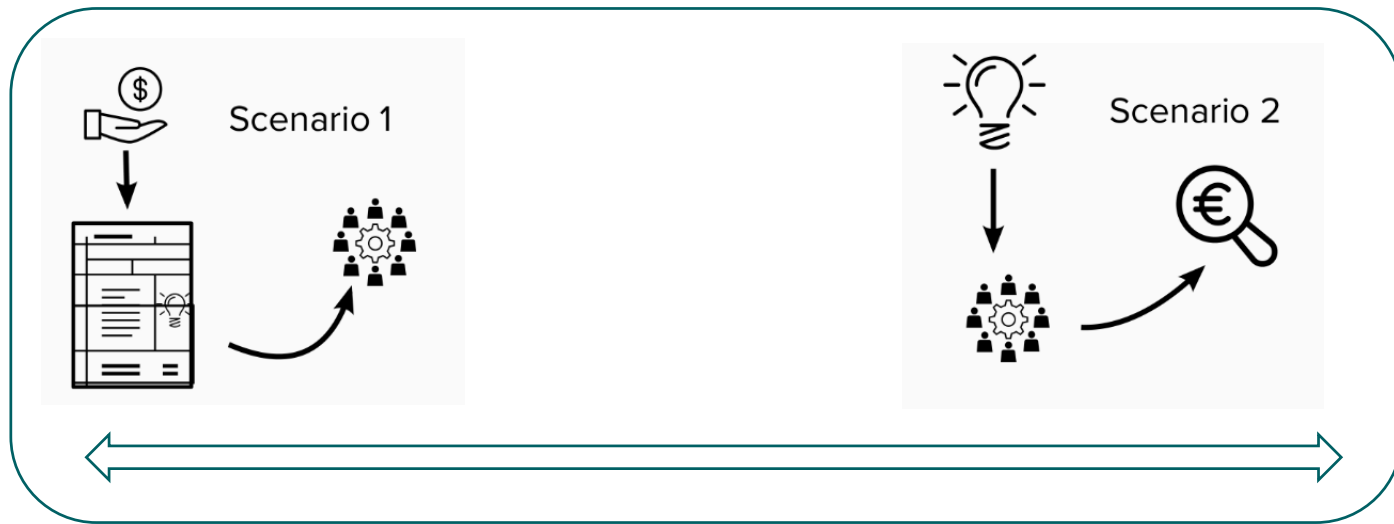
Multi-actor samenwerkingen kunnen evolueren

Project



Cluster, coöperatieve,
netwerk





Lessen

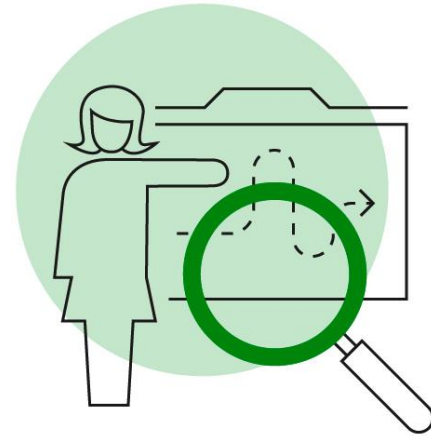
- Flexibiliteit en openheid
- Financiering heeft een grote impact!

Meer weten of ideeën opdoen?

Neem zeker een kijkje in [dit LIAISON rapport](#).



Barrières & succesfactoren



Bezint eer ge begint

- Pad van de minste weerstand
- Heb je de juiste partners mee?
- Weet je waar je moet zijn voor raad?



Rural Innovation Support Service (UK)



<https://liaison2020.eu/wp-content/uploads/2022/05/Coming-Together-1.pdf>

Buitenstaanders betrekken

- Wat wil je bereiken door externen te betrekken?
 - Informeren?
 - Data verzamelen?
 - Leerproces in gang zetten?
 - Info verspreiden?
- Goed "ingebed" zijn



<https://liaison2020.eu/wp-content/uploads/2022/05/Connected-Partnerships-1.pdf>

Lessen

- Voldoende zelfreflectie, een goede planning, duidelijk en gedeeld doel
- Capaci-tijd - elke actor zijn waarde
- Stabiliteit



<https://liaison2020.eu/wp-content/uploads/2022/05/Healthy-Partnerships-1.pdf>
<https://liaison2020.eu/wp-content/uploads/2022/05/Good-Planning-1.pdf>

Een multi-actor samenwerking voor elke vraag?



Makkelijker

- + Complementair beleidskader
- + Akkoord over kernproblemen
- + Externe competitie
- + “Mainstream” ideeën

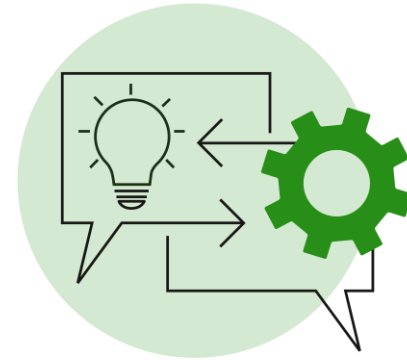
Moeilijker

- Incompatibiliteit tussen beleidskaders
- Omstreden onderwerpen
- Machtsdynamieken en competitiviteit
- “Niche” of alternatievere ideeën



<https://liaison2020.eu/wp-content/uploads/2022/05/Achieving-Impact-1.pdf>

Ik wil graag nog meer weten!





Agrolora

Competitiveness
Optimization of decision-making and planning process



Local project both publicly and privately funded

Switzerland: Cantons of Bern and Freiburg (Seeland territory)

Number of partners: 10
Lead Partner: Agricultural Institute of Grangeneuve (AIG)

End 2016 - ...

- AIG: €22,500/year
- Producer association: €375
- Water unions: for ex. €5 M invested by one water union (for irrigation infrastructures)

A little bit more about Agrolora

Water availability for vegetable farmers is an important issue in the Seeland territory, which is mainly located in the cantons of Freiburg and Bern. There is a need for efficient management of water resources to ensure sustainability of the vegetable sector.

The overall goal of the project is to develop an irrigation system that optimizes the use and preserve the resource of water, and that increases irrigation costs for stable vegetable production on a surface of around 3000 ha in the Seeland territory. The project tests the functionality, reliability, and usability of an automatic irrigation system that uses sensors and the LoRa technology for data collection & data transfer.

"Data can be transferred at a low cost using this technology, compared for example to mobile telephony technologies that are expensive, energy intensive, and for which batteries have to be changed frequently"

"The easiest way is to have a system that allows seeing how much water is being used, to give the signal to an irrigation system or to the producer, and to generate invoices automatically"



Innovation and co-creation in Agrolora

Innovation in Agrolora

The innovation is intended to control irrigation valves, to optimize watering for Swiss vegetable production, and to reduce the cost of water consumption. It relies on weather monitoring as well as on the monitoring of water capacity in soil and of the water consumption.

The innovative innovation case has moved from developing the initial idea through to its development phase. The initial idea was developed from the problem of water availability for farmers. Water-unions have developed in collaboration with the lead institute, the idea to renovate or create irrigation infrastructures to be able to supply enough water. On the one side, the lead institute had the idea to reduce the use of water by developing a new and intelligent irrigation system. Such a new irrigation system, automatically controlled, is being developed and tested.

Co-creation in Agrolora

A stakeholder workshop was organized in Dec. 2016 after the Federal Office for Agriculture (FOAG) selected the grant proposal developed by the lead institute, one of its partners, and one water-union. It contributed to the definition of the project's objectives.

Generally speaking, contacts are informal and the actors update each other in various ways, during coffee breaks and through email exchanges, allowing for side or face-to-face meetings.

The project has an official coordination committee. It was decided to have an "open leadership". The decision-making process is the best institute in "reiner" leadership.

A task has been challenging in order to create understanding between the lead agricultural institute and one of its involved cooperatives. This required a substantial decision-making process among these institutions.

The objectives were set collectively among partners at the very beginning of the project. Through these objectives, required more resources than expected, making somewhat challenging the project's implementation.

Three water unions were involved as neither external actors, including one that has been significantly more involved than the others as the Water-unions were selected upon their direct interest. Water-unions are continuously in contact with farmers to find acceptance solutions for all.

Highlights!



Internal funding, with a simple application process

Mostly informal collaborations



Steep learning curve for non-agricultural specialists



Interesting links/videos/reports

Bewässerungsmanagement im Gemüsebau (Efficient Irrigation management) p3:
https://www.gemuese.ch/zwissler/grueneblatt.html?file_title/download/Produzent/0mseeblatt/2019/2019-03_0mseeblatt.pdf

Subventionierung von Bewässerungen (Subsidizing Irrigation):
http://www.wikimelio.ch/dok/Str_40_Evaluation_von_zwei_subventionierten_Bewässerungsproj.pdf

Effizientes Bewässerungsmanagement (Irrigation management in vegetable growing) p3:
<https://www.mglt-fr.ch/index.php/de/dokumente/herunterladen/Idiestation/13intoblat/990-herunterladen-n-159/Idiestation>

Good Practices & Lessons Learned



Interaction with the funding mechanism



Interaction between the case study partners



Interaction with external stakeholders



Interaction with the case study context



Contribution to societal challenges

Funding contracts
Need to be precise on funding contracts, i.e. to specify in details the different tasks envisaged, with the corresponding timing and allocated budget.

Preliminary workshop
All potentially interested and concerned actors were involved in a preliminary workshop. Actors could express their needs, interests, and understand better the concept.

Water-unions & Farmers
Report sent to farmers by one water-union to explain their objectives and possible ways of implementing irrigation related projects. It is very important, as water-unions need to have all landowners on board to operate.

Spillovers
Water-unions may have an impact on the overall system as they ask for funding to develop their irrigation infrastructures – It may increase the awareness and knowledge of policy bodies on the practical needs.

Competitiveness
Possible increase in competitiveness to market access due to the construction of a better "image" of the vegetable sector in the Seeland territory

Internal funding
Simple process to obtain funds internally, in the lead institute, but lack of sufficient internal resources. The lack of sufficient resources makes it challenging to collaborate effectively with partners.

Involvement of non-agricultural actors
The challenge for non-agricultural specialists to get familiar to the context of the agricultural sector and to farmers' needs should be sufficiently considered.

Role of "shadow actors"
The challenge for one university at the onset, as an advisor or contact person, which appeared to have been a crucial milestone. These "shadow actors" should not be omitted in innovation system analysis.

Diversity of mindsets
The lead institute wishes to reinforce their collaboration with universities; however, it is challenging due to different mindsets and therefore to a sub-optimal common understanding.

Decision-making
The new irrigation system is expected to generate more information/knowledge, which can help for decision-making and preserving the water resource.

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Reflecteren...



Informeren...

LIAISON
Optimising interactive innovation

Practitioner Handbook:
Evaluation and Impact Assessment of Interactive Innovation

 This project receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 773418. The responsibility for the information and views set out in this document lies entirely with the authors.

www.liaison2020.eu


<https://liaison2020.eu/wp-content/uploads/2021/09/LIAISON-Assessment-Tools.pdf>
21 June 2022

LIAISON
Optimising interactive innovation

LIAISON's Interactive Guide to Facilitating Participatory Projects

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Interactive online toolbox - forthcoming! Check back later!

Thank you for being with us!

Meer vragen?

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