

Theme 4 “Evaluating success in living labs”

A customisable tool for monitoring and evaluating transformational change in European Agri-Food Living Labs

ATP-in-ALL “Analysing Transformation Processes within Agroecosystem Living Labs”

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October 5th 2023 – 14:00 AF2023 - Room 520F - Virtual Stage

Adaptation Futures 2023 acknowledges that the conference is taking place in Tiohtià:ke/Montréal on unceded Indigenous lands. The Kanien'kehá:ka Nation is recognized as the custodian of the lands and waters where members of the global community on climate change adaptation gather today.

Adaptation Futures 2023 reconnaît que la conférence se déroule à Tiohtià:ke/Montréal sur des terres autochtones non cédées. La Nation Kanien'kehá:ka est reconnue comme gardienne des terres et des eaux où les membres de la communauté mondiale de l'adaptation aux changements climatiques sont réunis aujourd'hui.

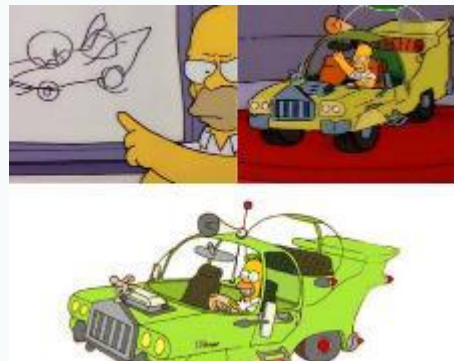
#AdaptFutures23

M&E is always needed

- ❑ Reporting to funders (\$\$\$\$)
- ❑ Use of resources (\$, time, labour)
- ❑ Products, Outcomes, **Expectations**...

in ALL specific features should to be considered

- ✓ Spaces for **innovation**
- ✓ **Real-life** settings
- ✓ **User-centred & co-creation**



Urgency to
transform
current
systems!

Research question

How to monitor and evaluate if the actions, changes, and outcomes within Agroecosystem Living Labs (**ALL**) are contributing to a transformation of the Agri-food systems?

ATP-in-ALL

"Analysing Transformation Processes within Agroecosystem Living Labs"

Enabling factors (10)

These are external and internal conditions. Context, History, explain relationships and interactions

1. Environmental changes
2. Sense of urgency
3. Land Access
4. Interest and motivation
5. Visions
6. Funding
7. External support
8. Timeframe
9. Reasonableness
10. Alternative options (markets)

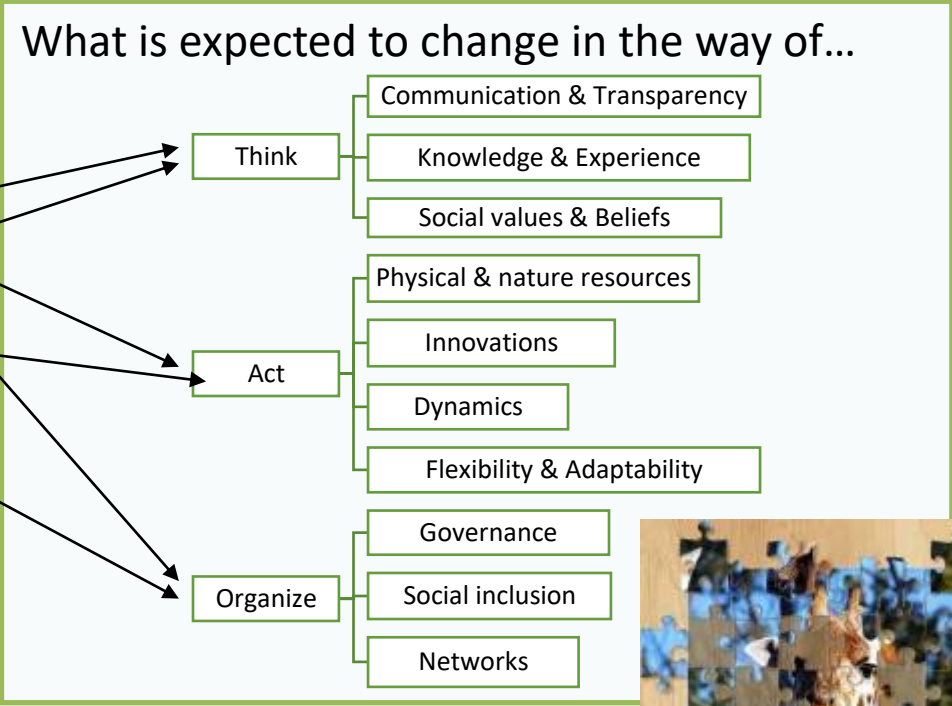
Is a management tool to monitor and evaluate transformation processes generated by actions and outcomes within the Agroecosystem Living Lab.

"fundamental changes in **structural, functional, relational, and cognitive** aspects of socio-technical-ecological systems that lead to new patterns of interactions and outcomes"
 (Patterson et al., 2017)

 "change from one socio-technical regime to another" (Geels 2006)

Assessment components (10)

Are tangible and intangible elements **Source or object of fundamental change** in how people act, organise and think.



Proposed methodology ATP-tool

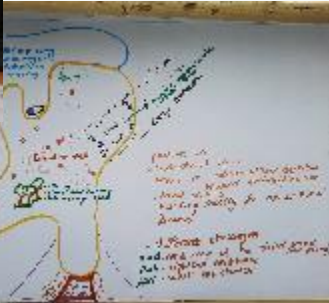


ALL Coordinator
Or Team



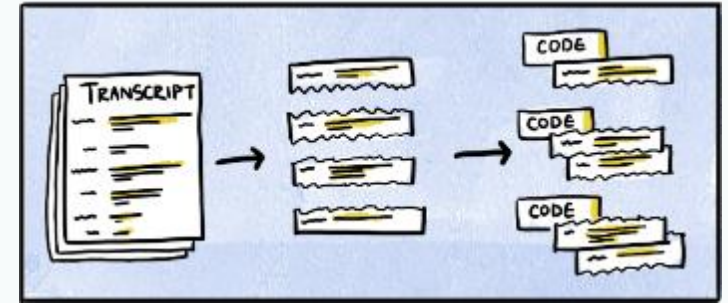
Facilitator

Workshops:
Storytelling
Storyline
Interviews



Author

Qualitative Content Analysis



<https://delvetool.com/blog/openaxialselective>



Facilitator



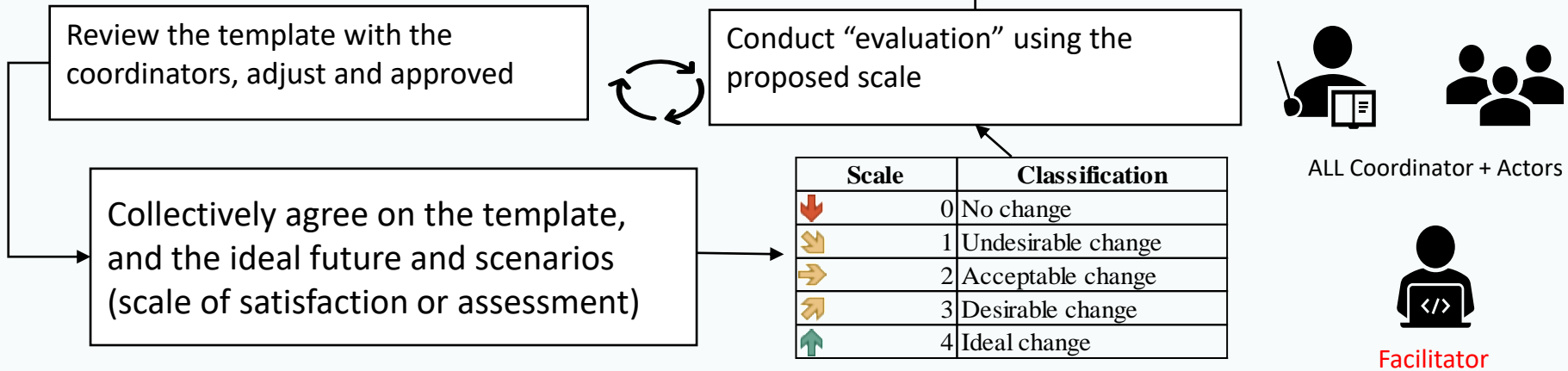
Management tool template

Date	Activities performed	Dimensions of transformative change										Total by activity	Progress in %	
		Thinking			Acting Components			Organising						
		Communication and Transparency	Knowledge and experience	Social values and beliefs	Physical and natural resources	Innovation	Dynamic	Flexibility and adaptability	Governance	Social inclusion	Networks			
MM/YYYY	1: Name of the activity Numeric assessment (scale)												0	0
MM/YYYY	2: Name of the activity Numeric assessment (scale)												0	0
MM/YYYY	3: Name of the activity Numeric assessment (scale)												0	0
MM/YYYY	4: Name of the activity Numeric assessment (scale)												0	0

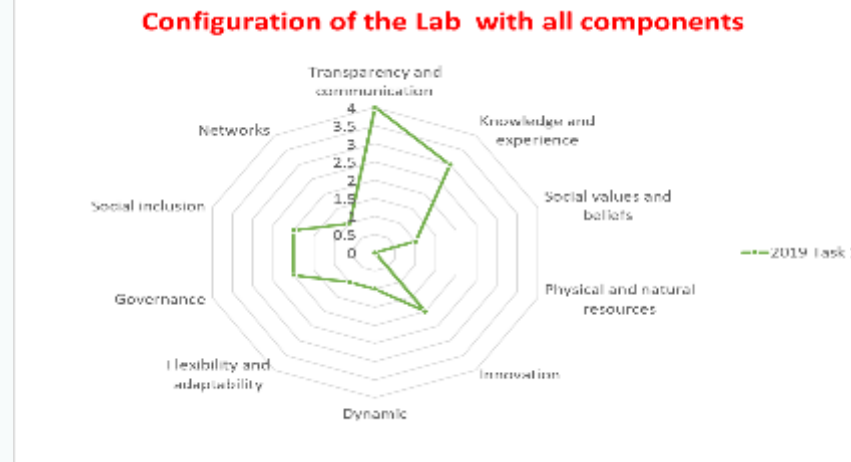
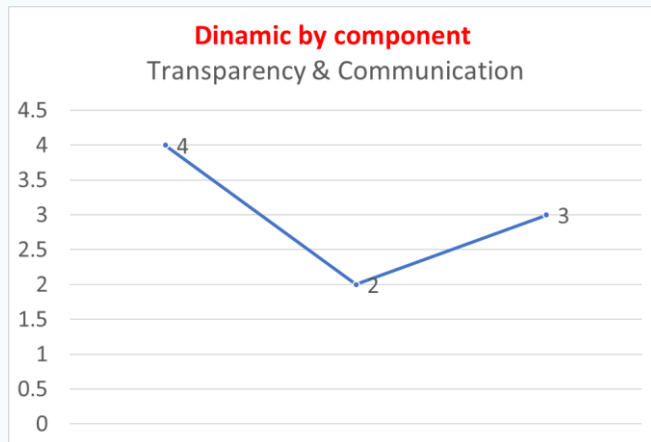


Scale	Classification
↓	0 No change
↘	1 Undesirable change
→	2 Acceptable change
↗	3 Desirable change
↑	4 Ideal change

Date	Activities performed	Dimensions of transformative change										Total by activity	Progress in %
		Thinking			Acting				Organising				
		Communication and Transparency	Knowledge and experience	Social values and beliefs	Physical and natural resources	Innovation	Dynamic	Flexibility and adaptability	Governance	Social inclusion	Networks		
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	Numeric assessment (scale)											0	0
MM/YYYY	2: Name of the activity												
	Numeric assessment (scale)											0	0
MM/YYYY	3: Name of the activity												
	Numeric assessment (scale)											0	0
MM/YYYY	n: Name of the activity												
	Numeric assessment (scale)											0	0



ID task	Dimension	Thinking: Cognitive and relational aspects of actors.			Acting: Functional and structural aspects			Organising: Structural and relational aspects			MAIN OUTPUTS	
Date	Component	Transparency and communication	Knowledge and experience	Social values and beliefs	Physical and natural resources	Innovation	Dynamic	Flexibility and adaptability	Governance	Social inclusion		Networks
Task 1	Workshop 1: Problem definition											
2019	Task 1	↑ 4	↗ 3	↘ 1	↓ 0	→ 2	↘ 1	↘ 1	→ 2	↘ 2	↘ 1	
Task 2	Meeting with local authorities											
2020	Task 2	→ 2	↓ 0	→ 2	↓ 0	↘ 1	↑ 4	→ 2	↘ 1	↘ 1	→ 3	
task n...												
2021	Task 6	↗ 3	↘ 1	↘ 1	↓ 0	→ 2	↘ 1	↗ 3	→ 2	↘ 1	↑ 4	



Scale	Classification
↓ 0	No change
↘ 1	Undesirable change
→ 2	Acceptable change
↗ 3	Desirable change
↑ 4	Ideal change

ATP-in-ALL: the framework

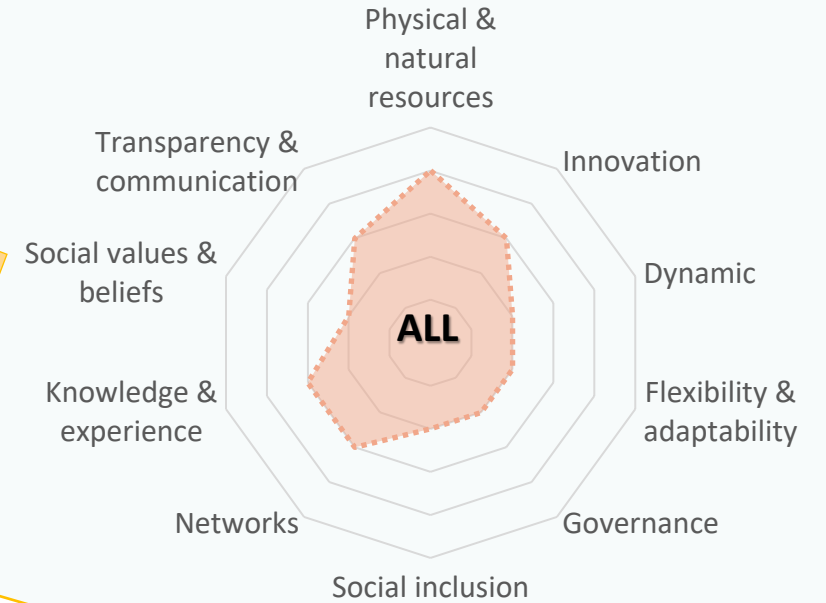
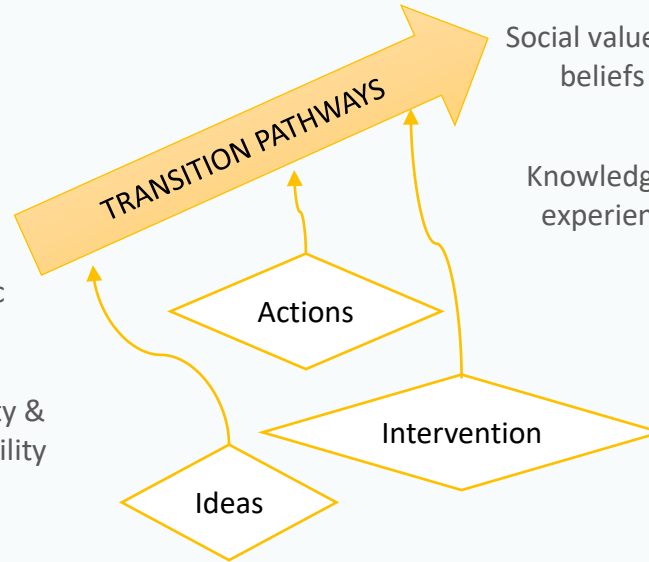
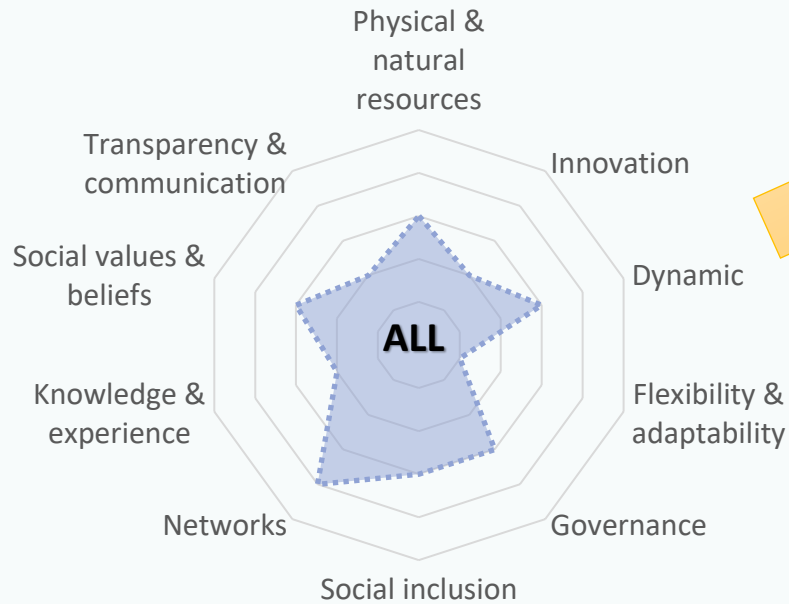
"Analysing Transformation Processes within Agroecosystem Living Labs"

EXPECTATIONS
Scenarios

Enabling Factors

1. Environmental changes
2. Sense of urgency
3. Land access
4. Interest and motivation
5. Visions
6. Funding
7. External support
8. Timeframe
9. Reasonableness
10. Alternative options

CHALLENGES SOCIETAL PROBLEMS



2018

2019

2020

2021

Conclusions

- ❑ ATP seek to **integrate and simplify** the complexity of ALL in nutshell, for actors, stakeholders, others... (VISUALIZATION)
- ❑ **Avoid** focusing on comprehensive definitions, and **focus** more on real actions with value for the actors and context (problem-solving and innovation).
- ❑ **Respect** the uniqueness of ALL and try to **included** in a monitoring tool
- ❑ **Support** the coordinators work (management tools, skills, facilities)
- ❑ **Promote** self-reflection and awareness of achievements in the evaluation and reporting processes.
- ❑ Is a good exercise to **develop** innovation skills and system thinking.



Thank you!
Merci beaucoup!

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