



Multistakeholder Innovation Ecosystems

DESIGNING HEALTH INTEGRAL INTERVENTIONS FOR & WITH SCHOOLS

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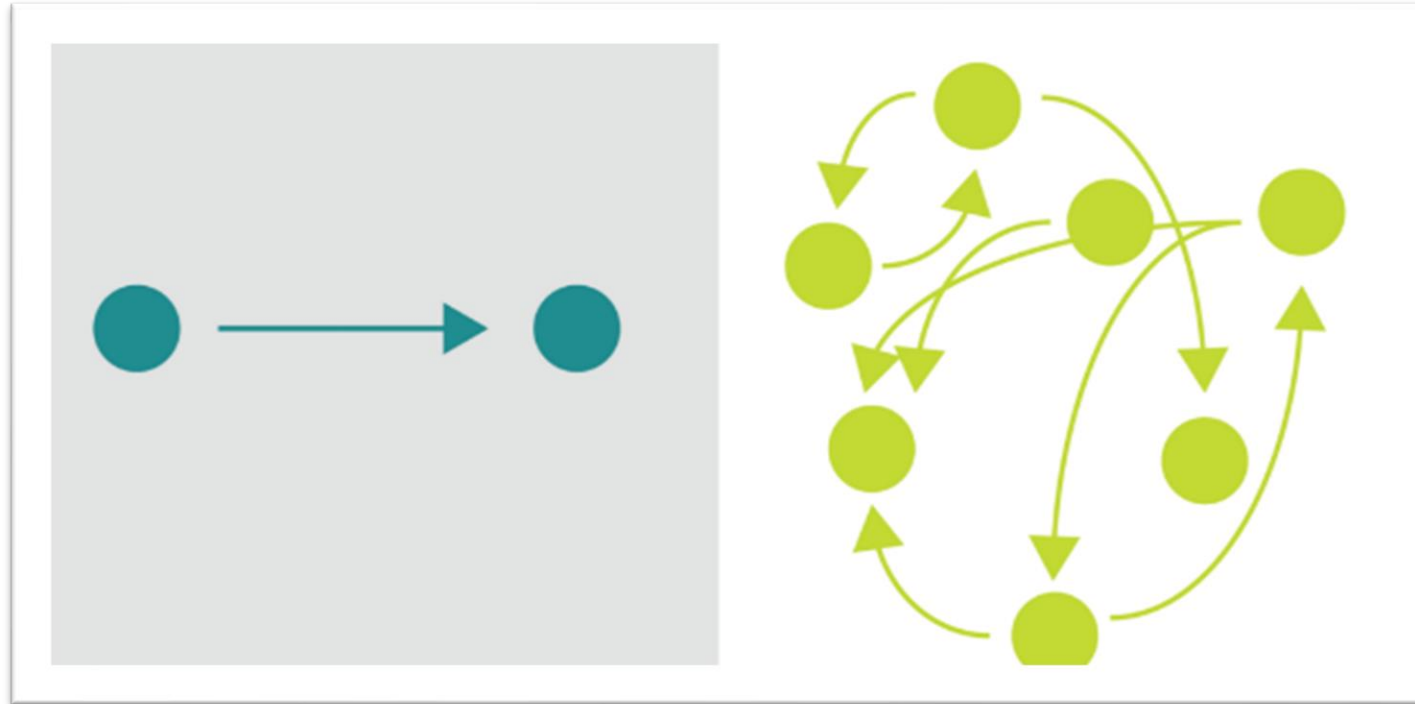
SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



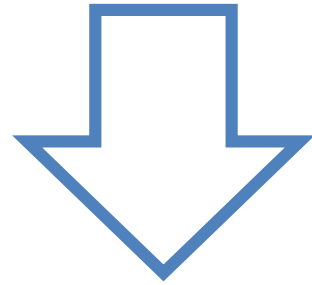
Why persistent?

- Different solutions, different definitions of problem (interdependencies)
- Involve different disciplines and stakeholders
- At local and global level



Linear fallacy for complex problems

From one-off interventions

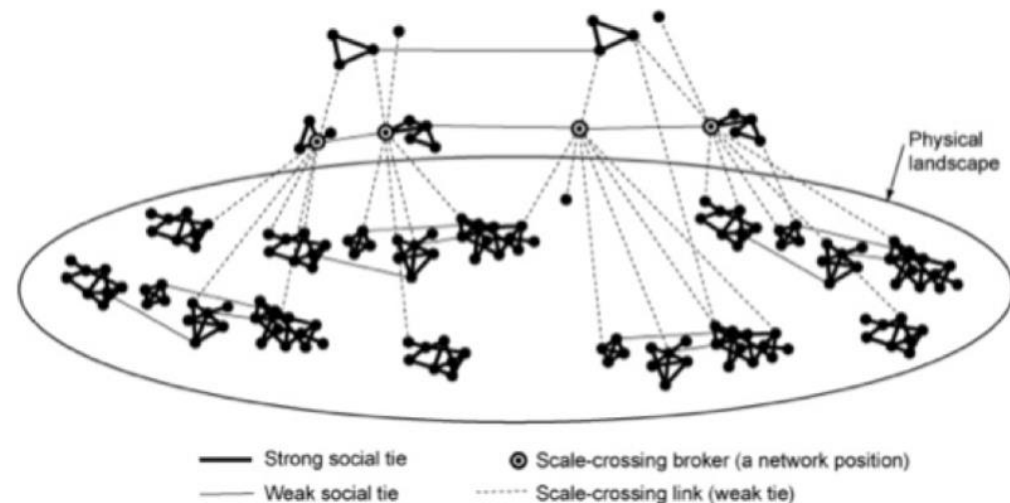
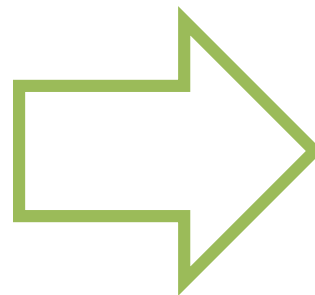
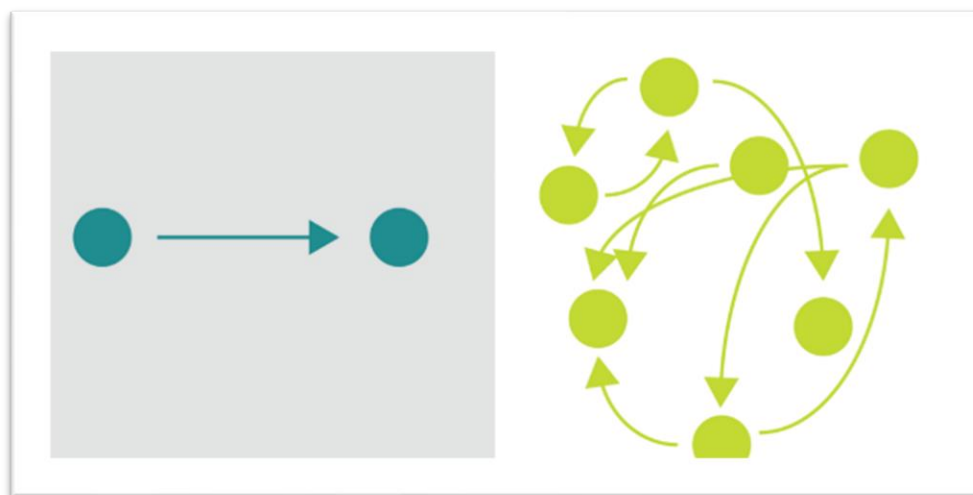


Integral interventions
(simultaneous & coordinated)

CHANGE

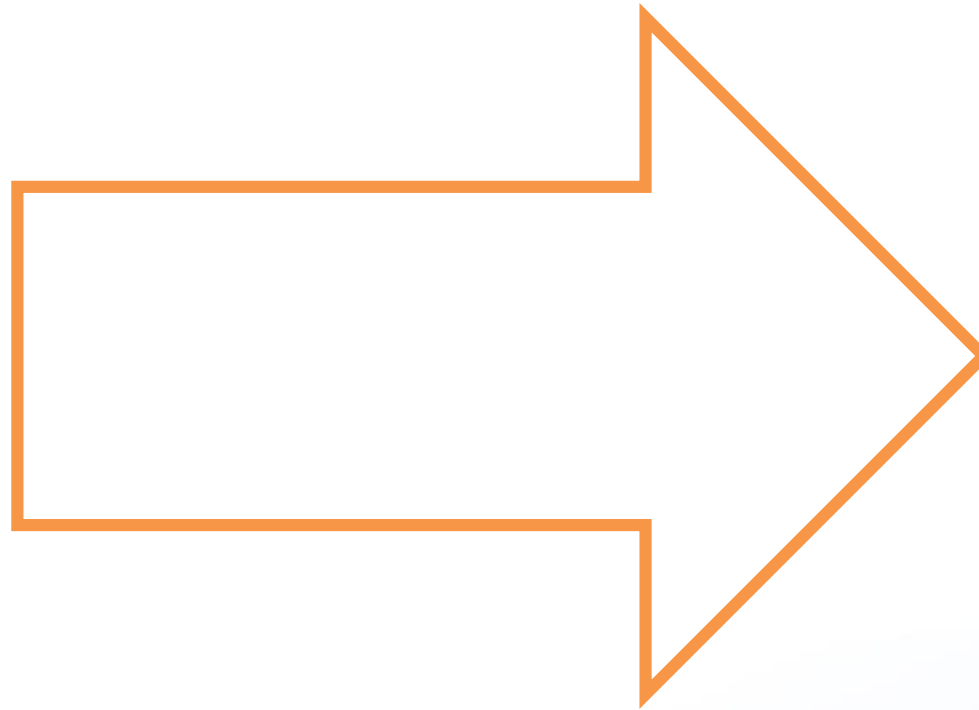
New form of problem solving





Need to create **Multistakeholder Networks** with **iterative systems innovation** approaches
 → suggested by ECDC, **but how?**

Participatory
Research for
complex
problem-solving



To design effective
**Integral
Interventions**

1. Participatory
Research for complex
problem solving
(to design integral
interventions)

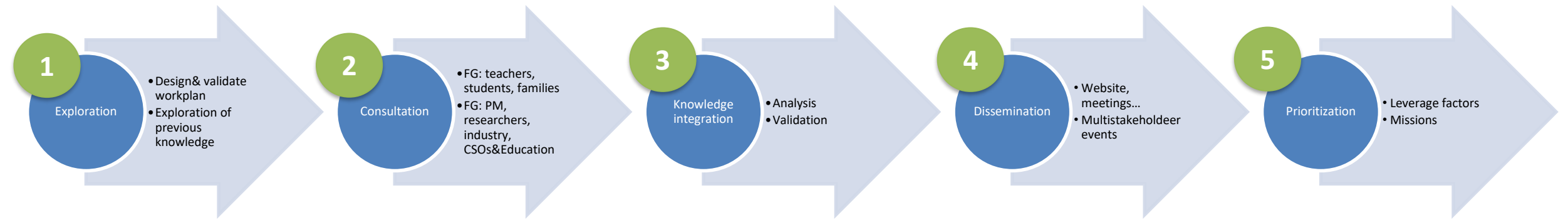
2. Innovation for
complex problem
solving
(implementing integral
interventions)

3. Monitoring

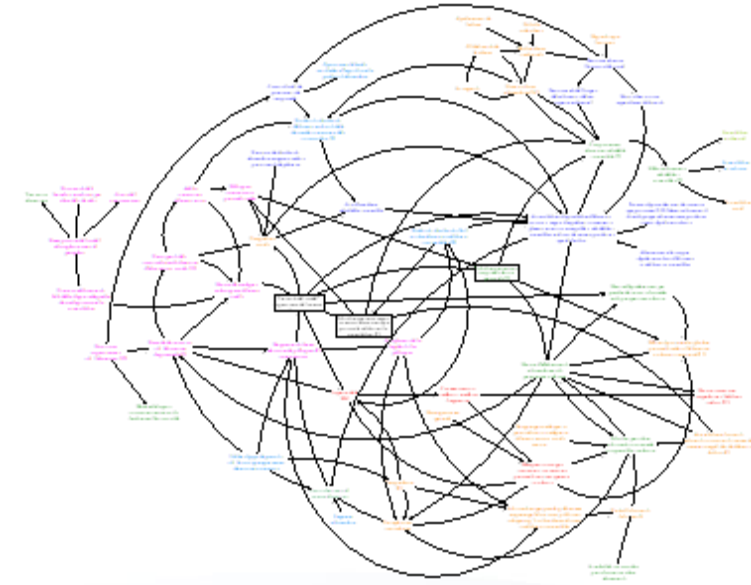
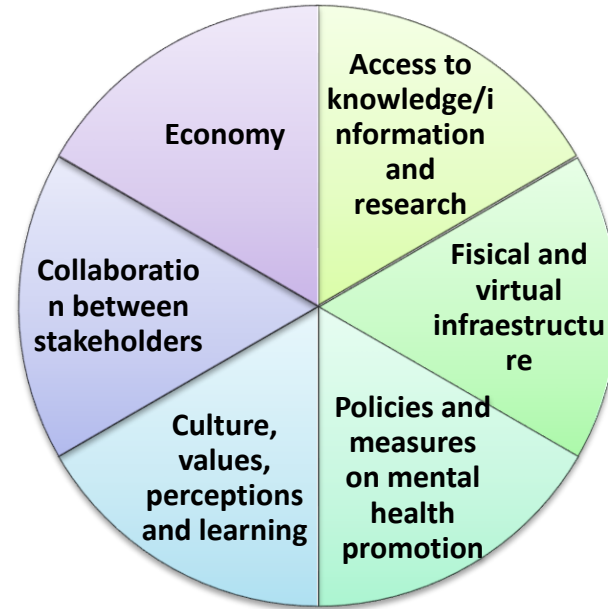
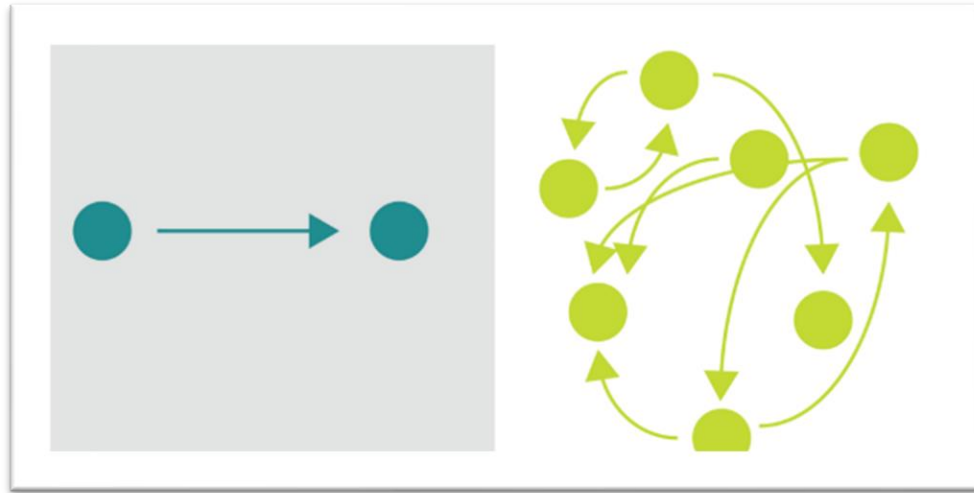
Innovation in STEAM Education

2020-22: We have designed the System Innovation Dialogue Model

To design integral interventions for complex health challenges



Consultation through Systems Thinking



- **Why is it so difficult to solve the challenge?**
- **Problems & needs** within different characteristics & areas of the system

Results: Integral Models for Health Promotion

Leverage Factors and Missions

Covid-19- 868 students + families & 22 teachers

- ✓ 406 **items**
- ✓ 40 **clusters** of problems & needs
- ✓ 5 **categories** where to intervene:
- ✓ 39 **recommendations** to improve
- ✓ 18 leverage factors
- ✓ **5 Missions**

Mental Health-1611 students + families & 45 teachers

- ✓ 2013 **items**
- ✓ 22 **clusters** of problems & needs
- ✓ 5 **categories** where to intervene:
- ✓ 29 **recommendations** to improve
- ✓ 17 leverage factors
- ✓ **8 Missions**



Healthy and Sustainable Diets- 136 participants&64 organizations

- ✓ System map
- ✓ Future vision
- ✓ 4 leverage factors where to intervene
- ✓ **8 Missions**

Integral Model for Mental Health Promotion

(targetted at students, teachers and families)

17 Leverage Problems & Needs where to intervene



Integral Model for Mental Health Promotion

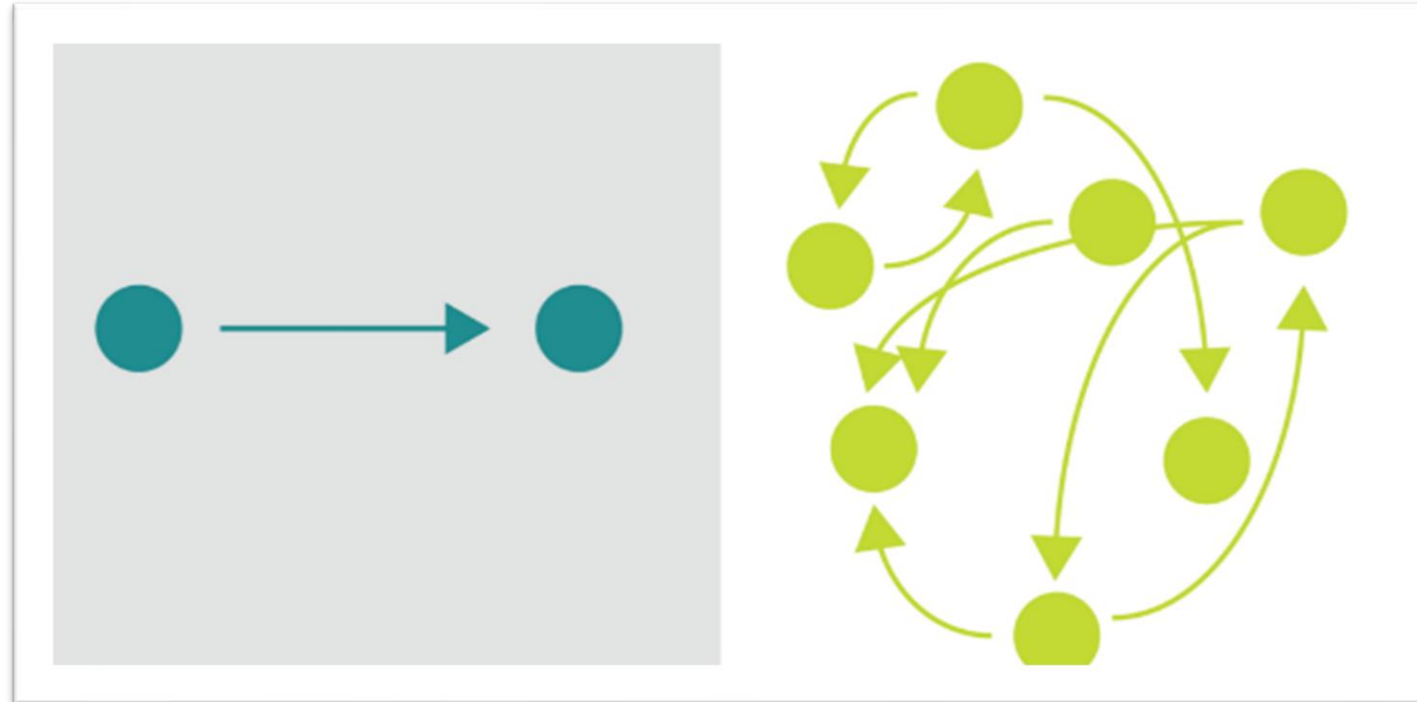
(targetted at students, teachers and families)

Prioritization: eight missions where to intervene



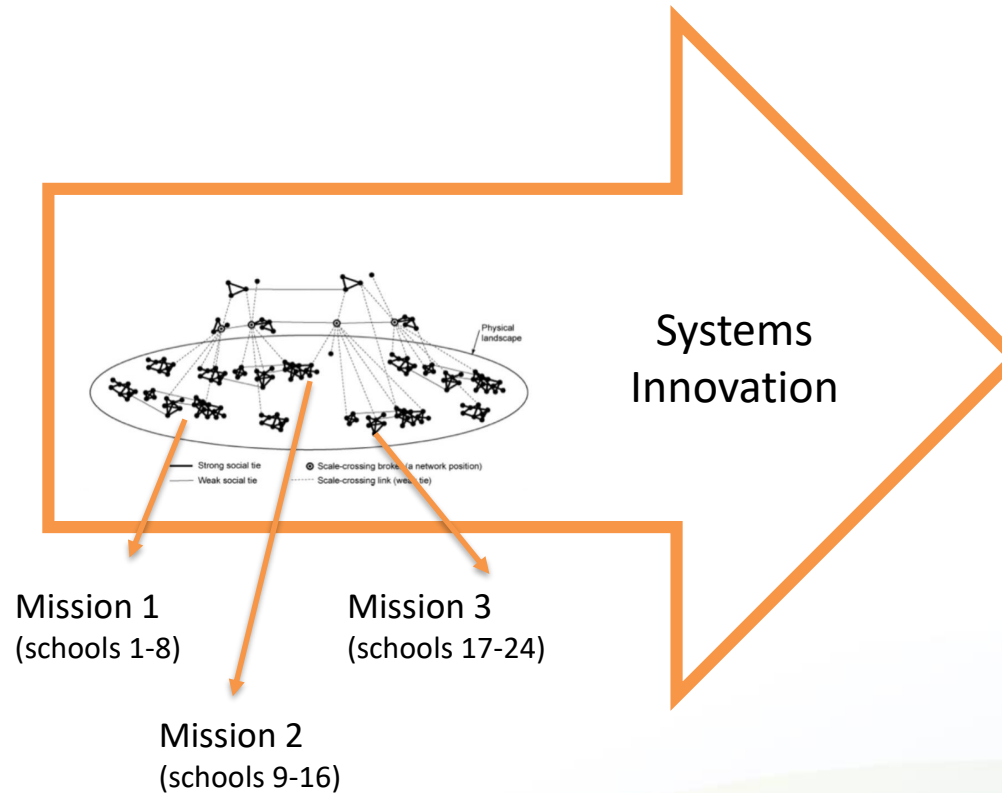
With prerequisites
8 Missions where to focus R&I
Each Mission covering also transversal SDGs

We have identified ● & leverage factors & **Missions** to intervene



How to move to implementation without linear fallacy?

Innovation for
complex
problem-solving



To design effective
**Integral
Interventions'**
Guidelines

To pilot and next
scalability
+ iterative loops



Conclusions

1. We have developed a **Model for designing Integral Interventions in Schools**

that **operationalizes international policy standards**:

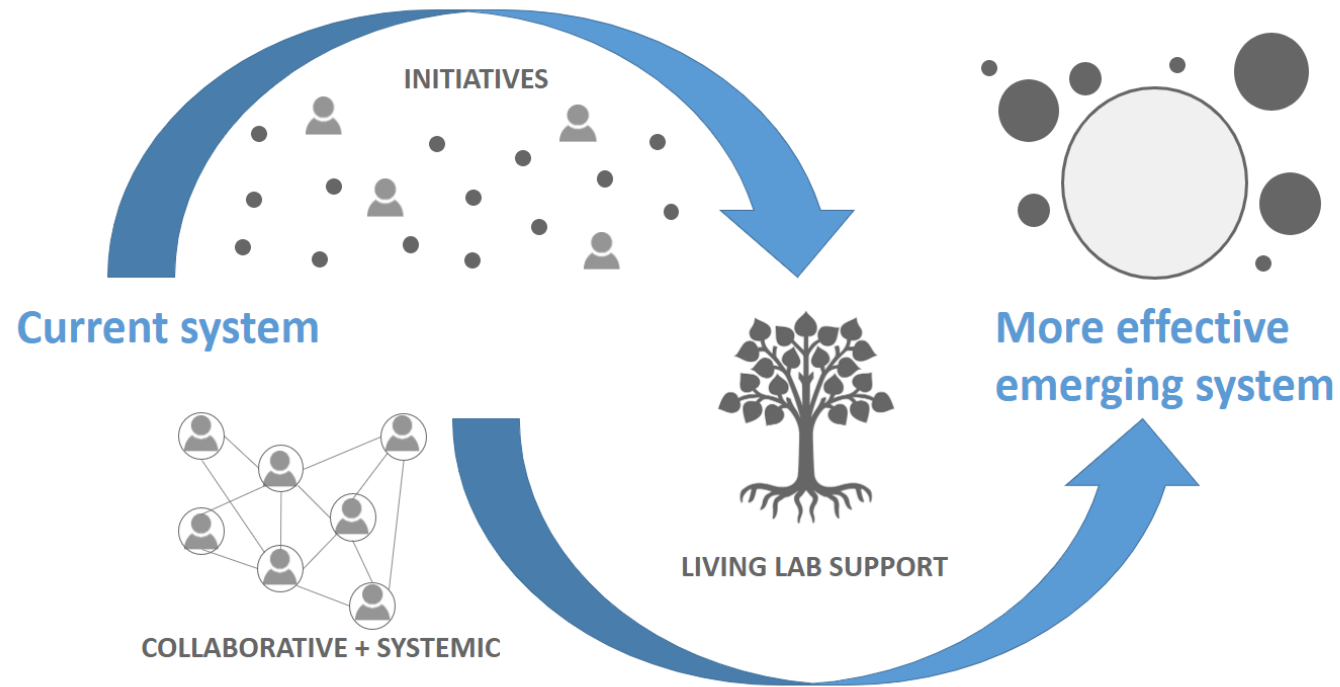
- **WHO & UNESCO for Health Promoting Schools**
- **Open Schooling Movement promoted by the EC** (improving STEAM education & solving challenges)
- **Responsible Research and Innovation**: Opportunity for **science policies** to respond to needs & expectations of schools

2. **Need for support by international, national, regional and local policies + dedicated resources for R&I within community structures or networks**, as already suggested by the ECDC → support for **sustainable** pilot networks is key (sentinel schools & Fit4FoodBcn)

3. **Challenges** regarding:

- **effective implementation**
- **evidence based impact on health promotion and education**
- **sustainability**

More effective Model of Health Promotion



- For Health challenges
- For STEAM education



Multistakeholder Innovation Ecosystems

For a more Integral Model of Health Promotion

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