

# More sustainable, resilient, and competitive food systems through the development of intermediate food value chains



## CONTEXT & OBJECTIVE

There is a mismatch between citizen demand for local, affordable and nutritious food produced in a fair and sustainable way and supply of such food by actors of the food chains.

### Long global food supply chains

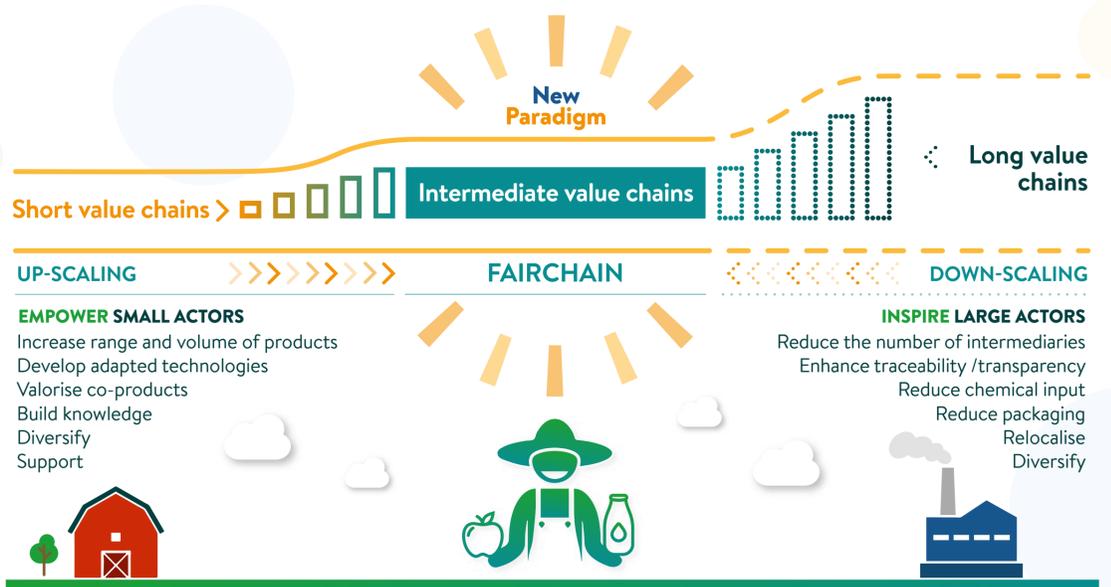
- offer large quantities and low prices in many locations.
- concentrate profit and generate a high amount of packaging waste.

### Short food value chains

- offer local, minimally processed food while creating jobs and guaranteeing a fairer price to farmers.
- have low production volumes, higher prices, and limited distribution.

**Intermediate food value chains** combine elements from both, short and long supply chains, to achieve more sustainable food systems.

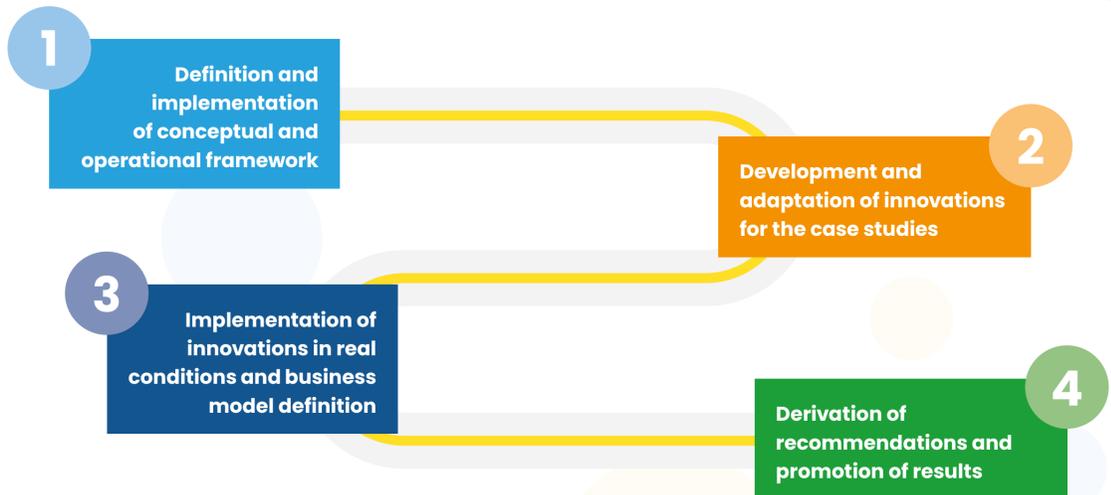
**FAIRCHAIN** seeks to enable small and midsize farmers and food producers to scale up and expand production of nutritious food through competitive intermediate value chains at the regional level.



## METHODOLOGY

**A multi-actor, co-creation, and co-innovation process**, with all relevant stakeholders along the value chains involved in six case studies to provide knowledge, data, and experience through the duration of the project.

**A multi-perspective analysis** of the case studies to assess technological, organisational, and social innovation potential, consumer perception and sustainability in regional as well as national contexts.



## CASE STUDIES



### Co-product valorisation and generation of additional added value

- **Current situation:** Fruits unfit for consumption and pits can create value instead of costs.
- **Innovation:** Production of a cleaning agent and a soil enhancer (biochar).



### Production and distribution of dairy drinks based on co-products of cheese manufacturing

- **Current situation:** Whey, a by-product of cheese production, is wasted by small cooperatives.
- **Innovation:** Production of innovative whey-based drinks with zero-waste distribution.



### Development of the wild berry business to boost local economy and social cohesion

- **Current situation:** The wild berry industry is underdeveloped.
- **Innovation:** Digital technology to facilitate berry picking and development of local business models.



### Conception of a packaging machine for small and mid-size actors

- **Current situation:** Manual packaging takes time and effort.
- **Innovation:** Packaging machine for liquid or mashed products adapted to the needs of small and mid-sized actors and meeting hygienic design standards.



### Traceability and information sharing in dairy production

- **Current situation:** Origin and quality of local dairy products are not communicated.
- **Innovation:** Blockchain technology to offer trustworthy traceability and information to consumers.



### Establishment of the Food Innovation Incubator

- **Current situation:** Regional food players have insufficient infrastructure for exchange and support.
- **Innovation:** Food innovation incubator for small and mid-sized actors.

## PARTNERS



LINKED THIRD PARTIES



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