Sustainability indicators for food quality schemes

Methodology development and draft results in the context of the H2020 Strength2Food project

Presentation to the Workshop on Understanding Geographical Indications : what do we know and what should we know?

Canberra, 20 June 2018

Fillipo Arfini, Áron Török

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 678024.

#STRENGTH2FOOD

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Methodology development and draft results in the context of the H2020 Strength2Food project

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STRENGTH 2FOOD

FOOD QUALITY FOR SUSTAINABILITY AND HEALTH

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#STRENGTH2FOOD

What is Strength2Food?

- It's a five-year, **€6.9 million project**, funded by Horizon 2020 (*started in March 2016!*)
- Research, innovation and demonstration project with strong emphasis on **impact**

- Aims:

  - Improve the effectiveness of EU **Food Quality Schemes** (FQS), such as PDO, PGI and TSG
  - Improve the effectiveness of **Public Sector Food Procurement** (PSFP)
  - Stimulate the development of **Short Food Supply Chains** (SFSC)

Key Principles

- **Multi-actor project**: stakeholder partners integral to the research conducted (design, execution and demonstration of research)

- Emphasis on **knowledge exchange**

- Develop communication materials for 5 different user groups:
  - ✓ Consumers / General Public
  - ✓ Food Supply Chain Practitioners
  - ✓ Schools
  - ✓ Policy Makers and Development Agencies
  - ✓ Academics

Consortium

30-partner consortium
(11 EU and 4 non-EU countries):

- 15 Academic Partners
- 3 Dedicated Communication and Training Partners
- 12 Stakeholder Partners

COORDINATED BY

Newcastle University

PARTNERS

The project's organisation

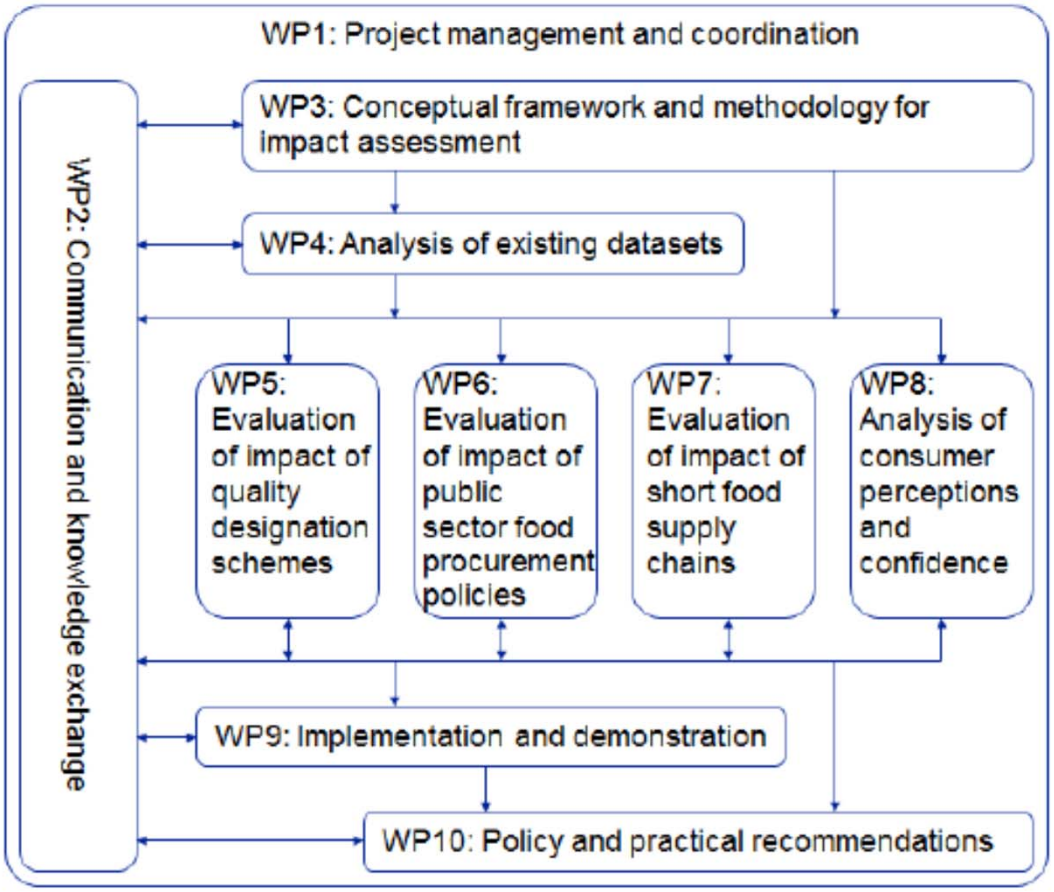

Figure 3.1. Flow diagram showing inter-relationships between Work Packages.

Food quality schemes (FQS) in the Strength2Food project

- Geographical indications (GIs) and traditional specialties
  - Protected Designation of Origin (PDO)
  - Protected Geographical Indication (PGI)
  - Traditional Specialties Guaranteed (TSG)

- Organic products (OP)

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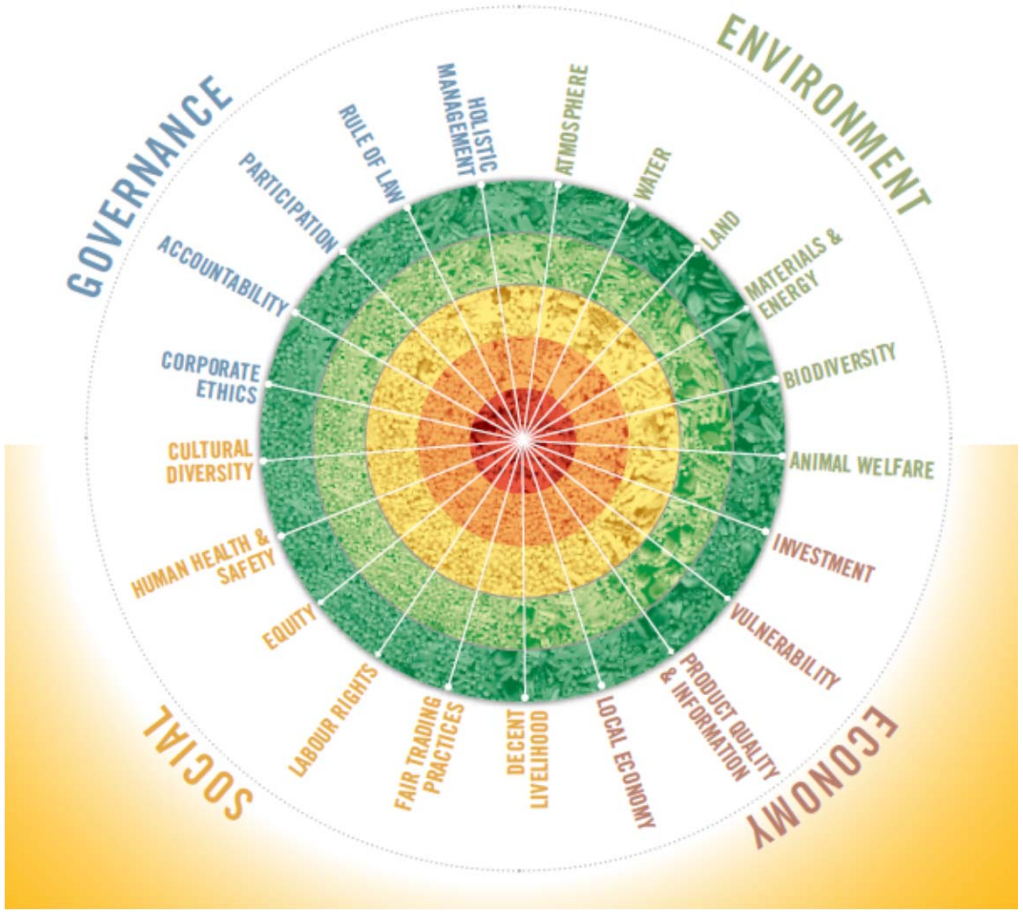
State of the art: indicators



SAFA

SUSTAINABILITY ASSESSMENT OF FOOD AND AGRICULTURE SYSTEMS

INDICATORS

Exhaustive list, general guidelines, but no operational method

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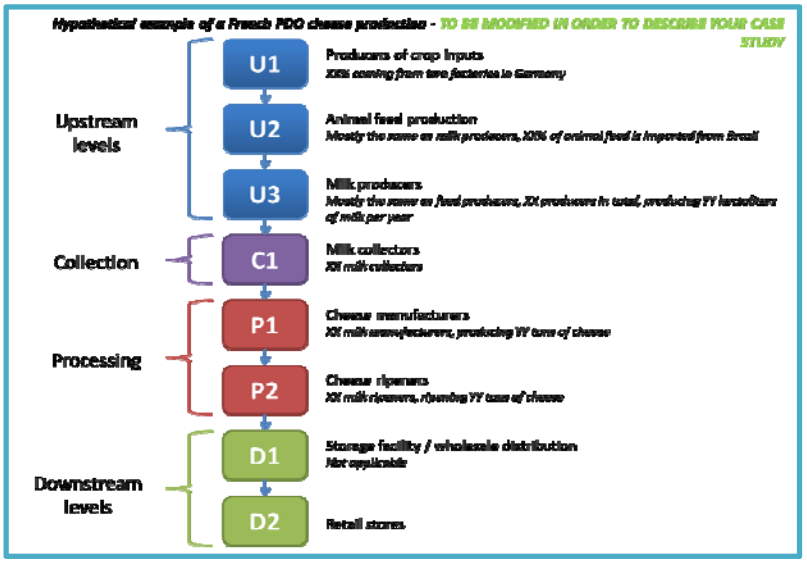
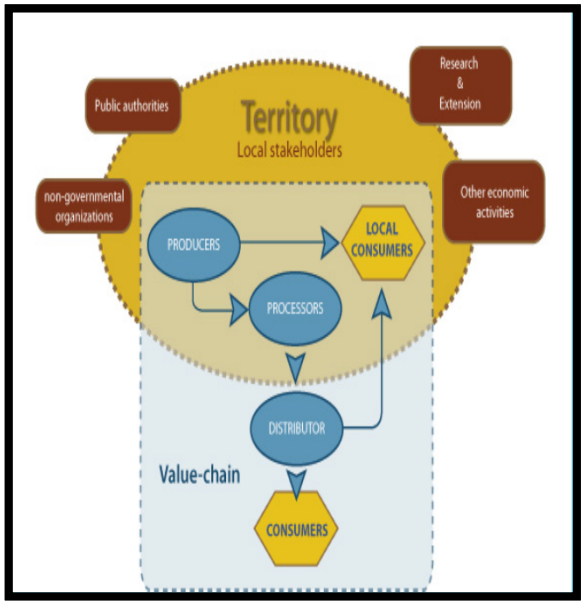
The framework





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Selection of road-tested indicators

Retained indicators		Abandoned
Price Net margin Exported share	Foodmiles (distance) Foodmiles (carbon)	Governance
Carbon footprint (product) Carbon footprint (area)	Green water footprint Blue water footprint Grey water footprint	Knowlegdge and know-how transmissibility
Labour/product Profit/labour	Bargaining power equality	
Educational attainment Wage level	Local multiplier effect	
Generational change Gender equality		

14-18 indicators

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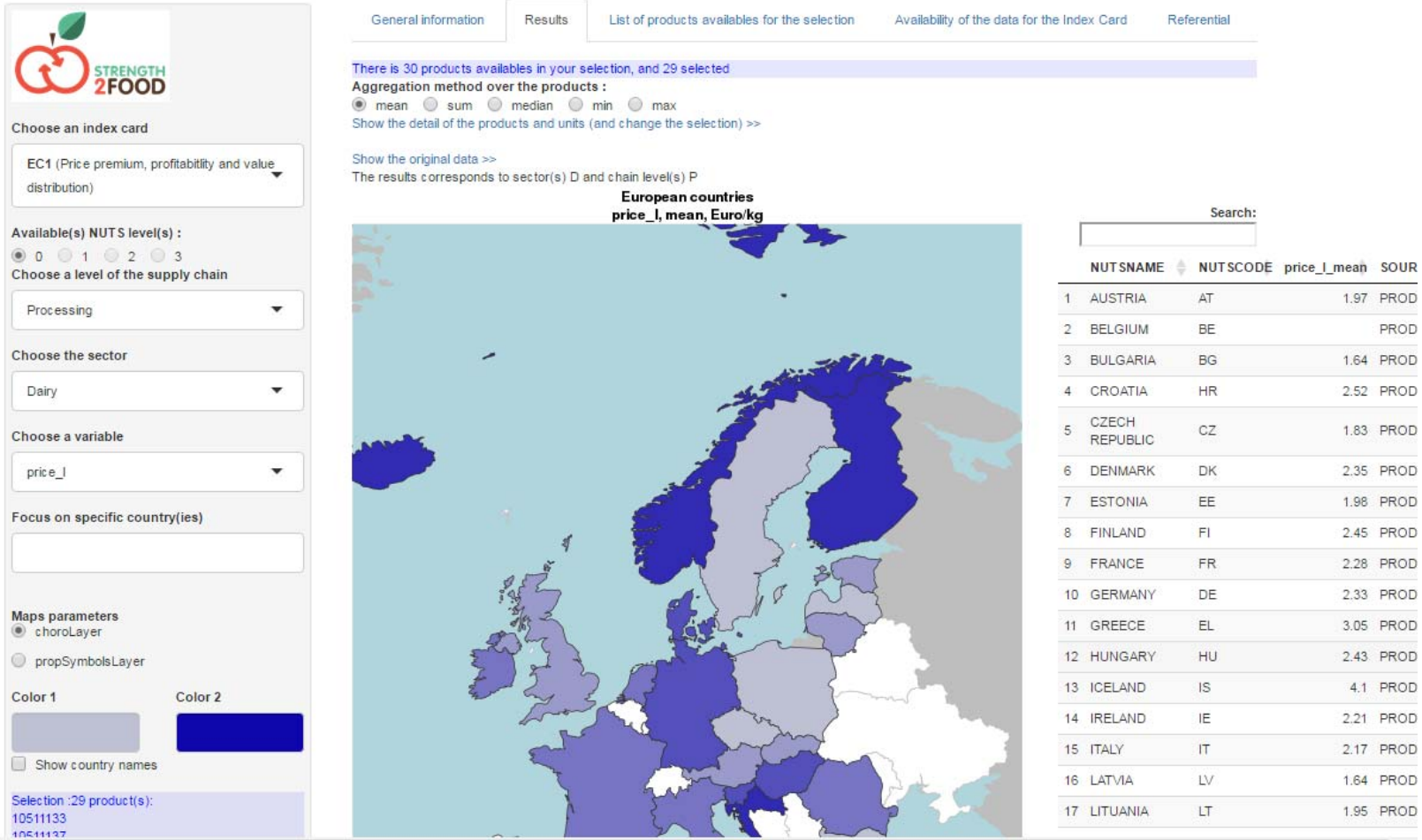
Reference values

STRENGTH2FOOD - Default values

https://odr.inra.fr/shiny/S2F_DEFAULTVALUES/



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PDO Comté cheese

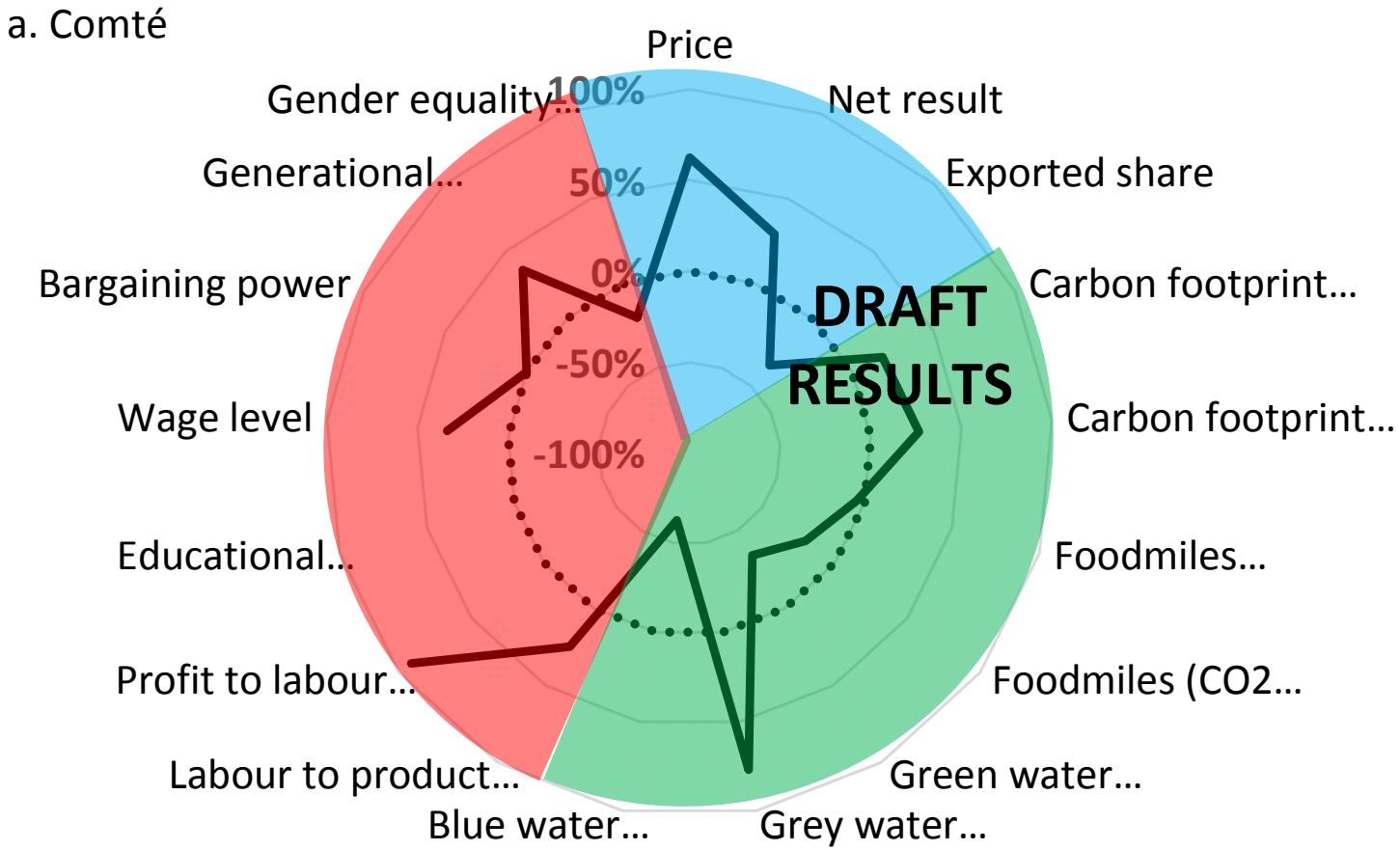

Figure 3. Sustainability performance of the PDO Comté cheese (draft results)

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Organic Serbian Raspberries

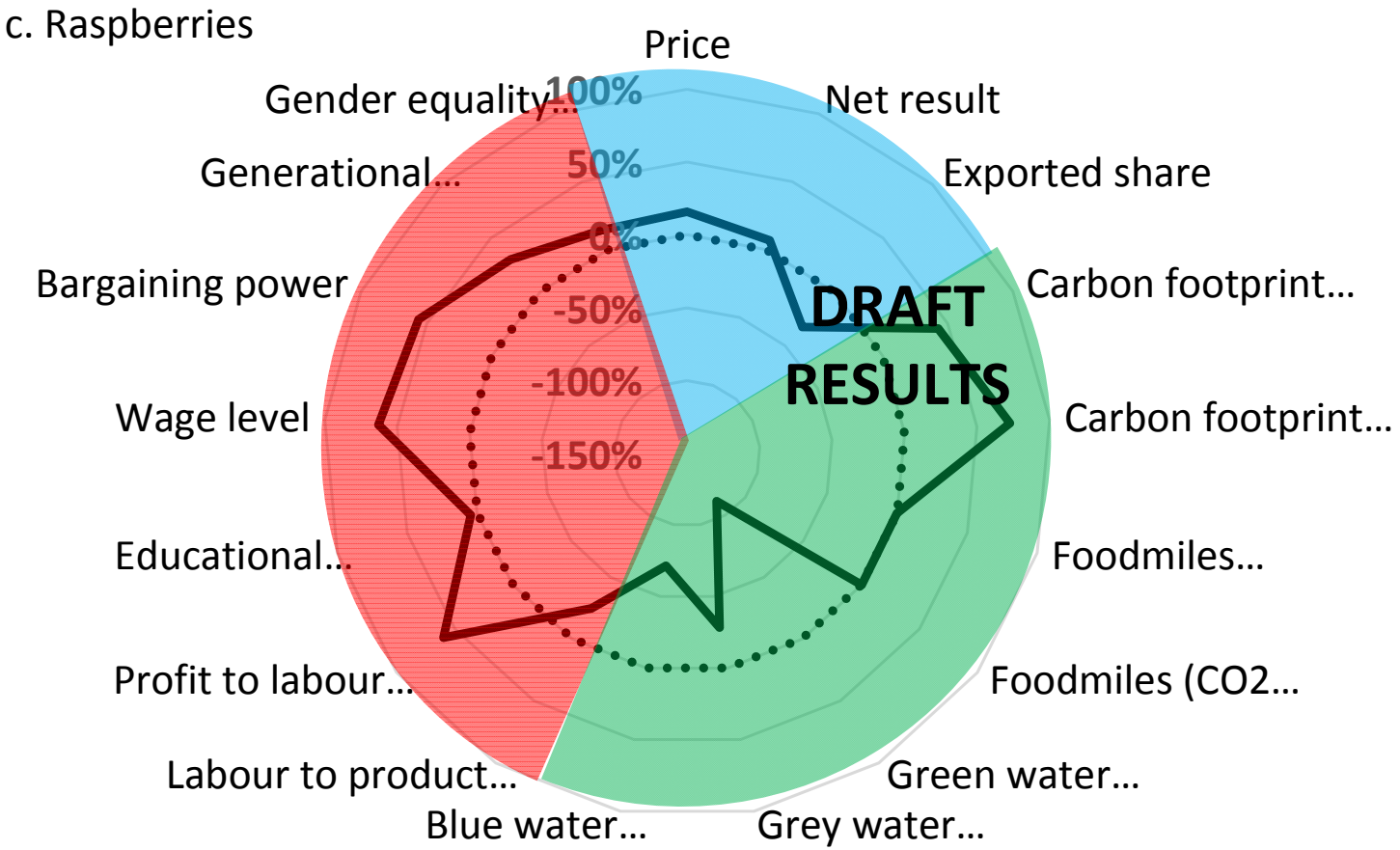

Figure 5. Sustainability performance of the organic Serbian raspberries (draft results)

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References

The project web site: https://www.strength2food.eu/

The deliverables: https://www.strength2food.eu/publications/

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