



SALSA:

Small farms, small food businesses and sustainable food and nutrition security

April 2016 - March 2019

Coordinator



UNIVERSIDADE
DE ÉVORA

16 partners in Europe and Africa, and analysis in **19** countries

(Ghana, Kenia, Malawi, Tunisia, Cape Verde, Spain, Portugal, France, Italy, Greece, Romania, Poland, Latvia, Norway, UK, Lithuania, Croatia, Bulgaria, Czech Republic)

Good Practice Workshop - New tools for monitoring and evaluation: insights from the Evaluation Knowledge Bank
20-21 October 2021



SALSA - Small Farms, Small Food Businesses and Sustainable Food Security
Project Number 677363 Horizon 2020



The SALSA approach » food system & territory

SALSA main outputs:

- **Map of the spatial distribution and relevance of small farms in Europe
+ methodology using multiple statistical data sources (Nuts 3 definition)**
- **20 Maps of Crop type in small farms (20 EU Nuts 3 regions)
+ methodology combining Satellite 2 & field work**
- **20 Crop area and crop production estimation for small farms
+ methodology combining Satellite 2 & field work**
- **New typology of small farms in Europe » 5 types based on 700 inquiries**
- **30 regional assessment of contribution of small farms to local food systems
+ methodology combining statistics with participatory steps**
- **Future potential role of small farms and small food businesses in food and nutrition security, through Participatory foresight analysis**



Conceptual frame » » data » » validation of the hypothesis



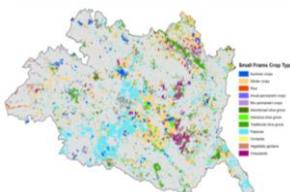
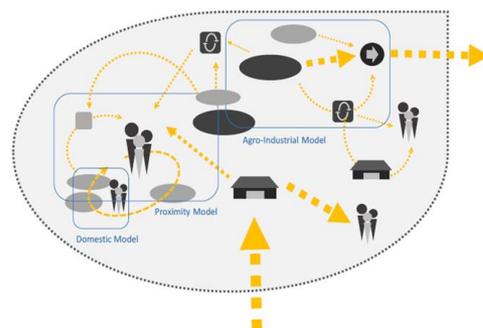
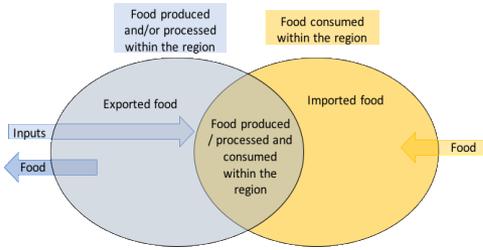
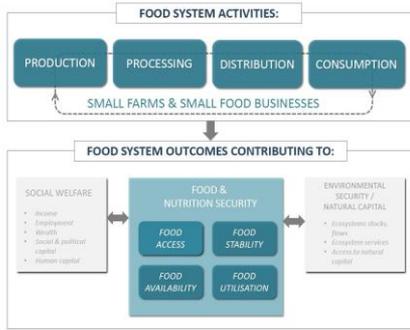
Conceptual framework

Analytical framework

Data collection

Research outputs

Hypothesis



Q1.3 Production capacity of SF in each region?

Q1.2 Food system actors and activities involved in the generation of the FNS outcome

Q1.1 Food consumption patterns in the different regions and relationship with SF

Q1.4 Significant differences between regions in Europe regarding SF and SFB and availability?

- Remote sensing complete for **23** regions
- 30** regional Balance Sheets
- 390** Key informants interviews
- 890** Small farmers
- 233** Small Food Business interviews
- 100** Focus groups (**758** participants)
- 44** Regional workshops
- 4** Macro Regional workshops
- 150** participants
- Secondary statistical data

SF Production potential

System maps

Farm Typologies

Regional consumption patterns

Comparative analysis



Interviews



Focus Groups

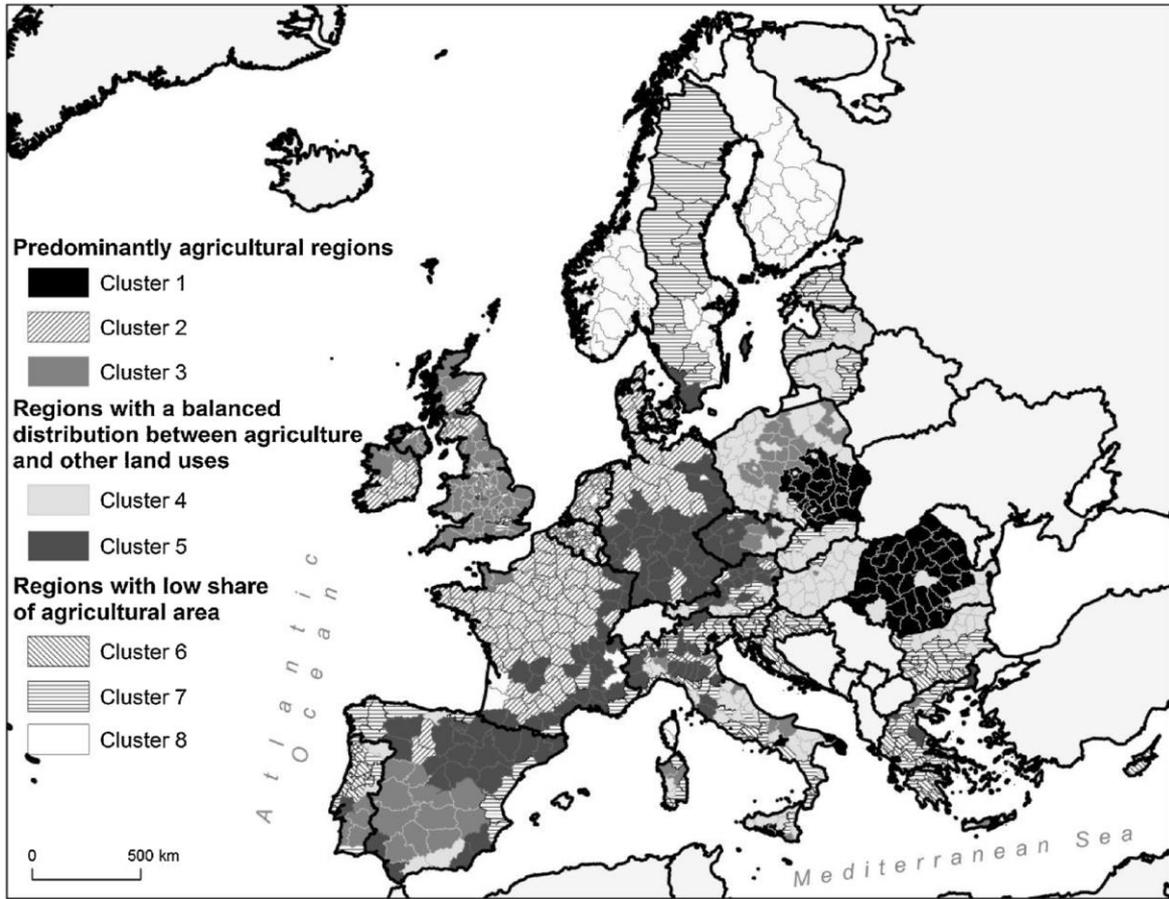


WORKSHOP

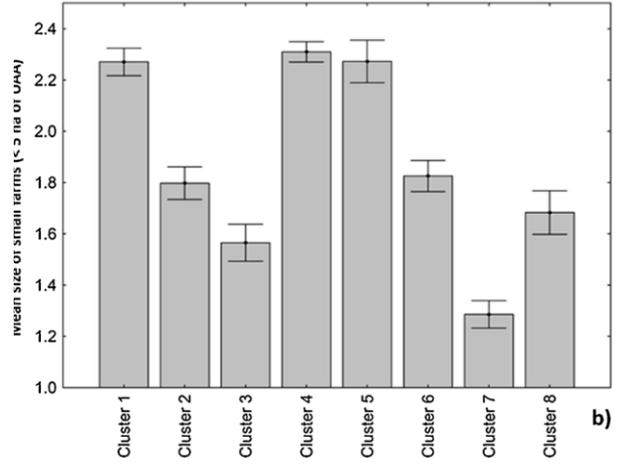
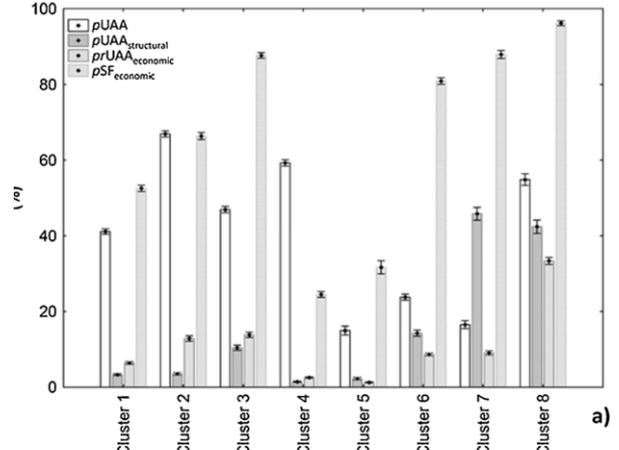
SUCCESS RESULTS PROGRESS IDEA MOTIVATION

H1. SF contribution to Availability

T2.1. Estimated spatial distribution and relevance of small farms



Cluster analysis to support the decision in choosing reference regions



Land Use Policy 75 (2018) 754–766

Contents lists available at ScienceDirect

Land Use Policy

ELSEVIER

Journal homepage: www.elsevier.com/locate/landusepol

Typology and distribution of small farms in Europe: Towards a better picture

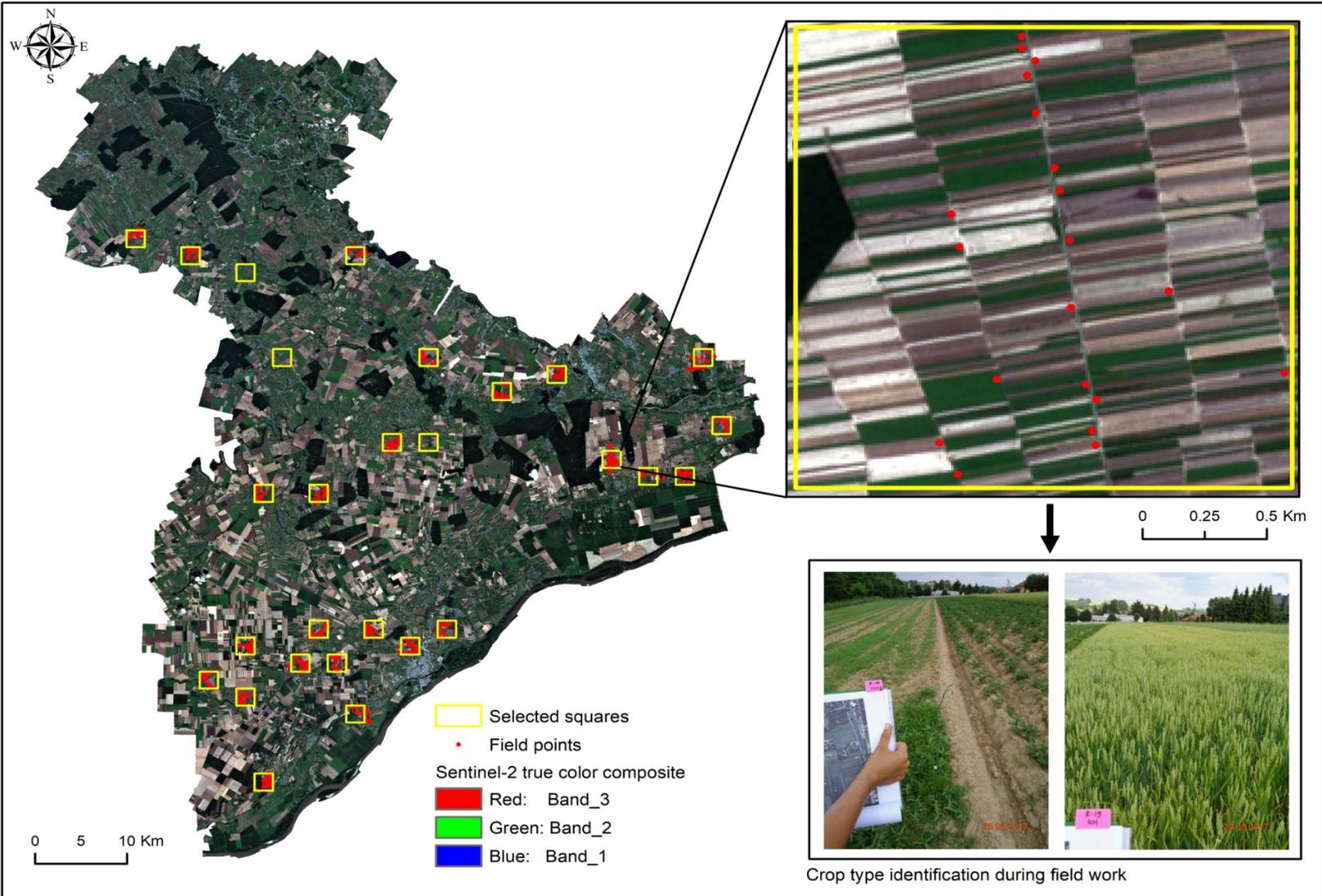
N. Guiomar^{a,*}, S. Godinho^b, T. Pinto-Correia^a, M. Almeida^c, F. Bartolini^d, P. Bezák^e, M. Biro^f, H. Bjørkhaug^g, Š. Bojnec^h, G. Brunoriⁱ, M. Corazzin^j, M. Czekaj^k, S. Davidova^l, J. Kania^m, S. Kristensenⁿ, E. Marraccini^o, Zs. Molnár^p, J. Niedermayr^q, E. O'Rourke^r, D. Ortiz-Miranda^s, M. Redman^t, T. Sipiläinen^u, H. Suovaniemi-Sorpi^v, S. Štamen^w, D. Surrová^x, L.A. Sutherland^y, E. Tcherkezova^z, T. Tisenkopfs^{aa}, T. Tsiligridis^{ab}, M.M. Tudor^{ac}, K. Wagner^{ad}, A. Wilschke^{ae}



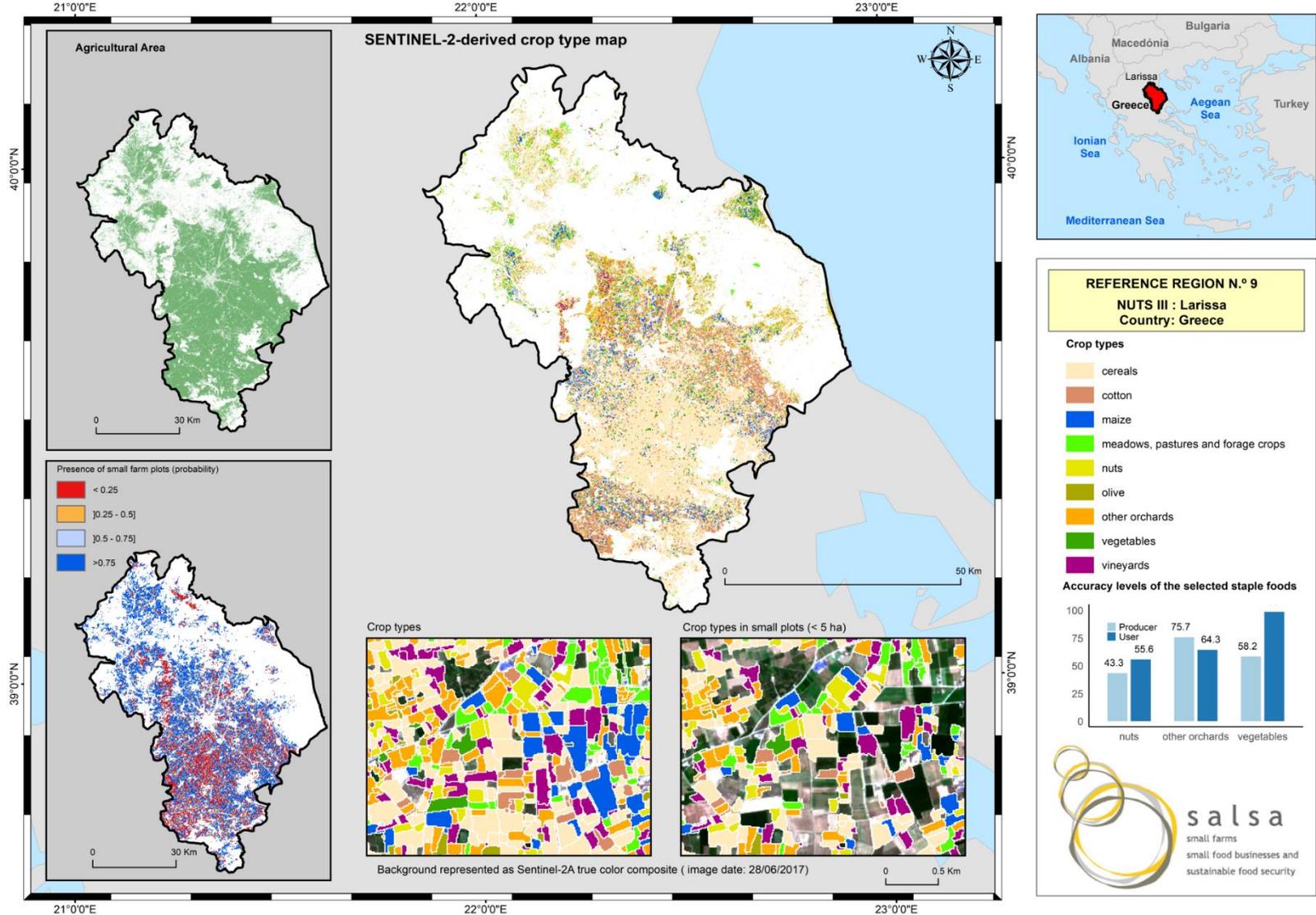
SALSA - Small Farms, Small Food Businesses and Sustainable Food Security
Project Number 677363 Horizon 2020



T2.2. 20 Maps of Crop type in small farms: 20 Nuts3 regions



T2.2. 20 Maps of Crop type in small farms: 20 Nuts3 regions

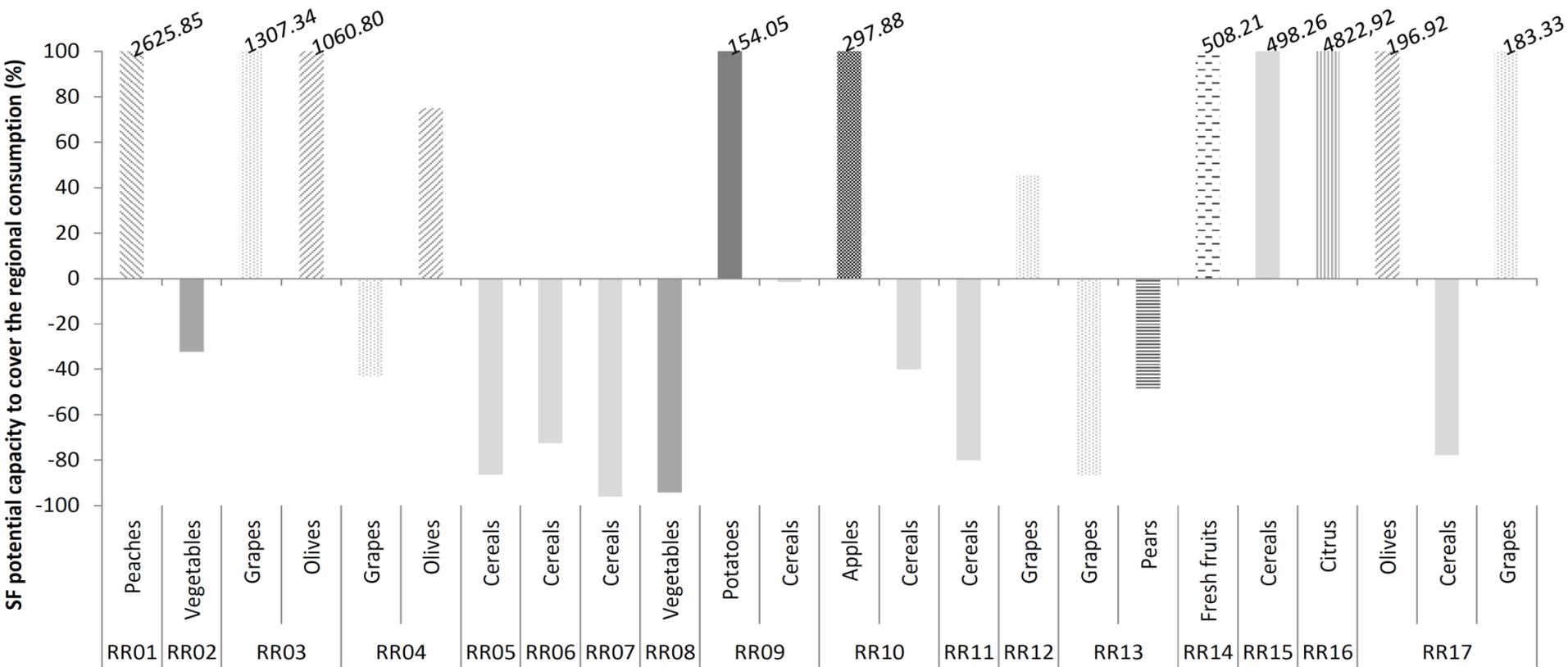


T2.3. Estimation of small farms crop production

Reference region	Crop types	Fscore (%)	Estimated crop area (ha)	Self-reported yields (ton/ha)	Estimated annual production (ton/year)
Imathia	Peaches	80.4	8782.06	29.99	263,373.98
Larissa	Vegetables	73.2	814.55	1.48	1205.53
Ileia	Olive groves	85.5	20,618.20	1.31	27,009.84
	Vineyards	77.3	2289.35	14.68	33,607.66
Lucca	Olive groves	87.2	2180.83	3.98	8679.70
	Vineyards	81.9	789.90	6.88	5434.51
Pisa	Cereals	75.4	1304.62	4.06	5296.76
Latgale	Cereals	68.1	6596.26	2.65	17,480.09
Pieriga	Cereals	88.8	3389.91	2.01	6813.72
Vilniaus Apskritis	Vegetables	76.5	1592.14	2.91	4633.13
Rzesszowski	Cereals	91.7	15,603.10	4.11	64,128.74
	Potatoes	86.9	8714.34	18.41	160,431.00
Nowosadecki	Cereals	70.8	10,779.93	3.22	34,711.37
	Apples	81.4	1705.50	31.24	53,279.82
Nowotarski	Cereals	70.8	3020.26	2.75	8305.72
Alentejo Central	Vineyards	87.5	1867.13	5.63	10,511.94
Oeste	Pears	90.9	2407.64	9.23	22,222.52
	Vineyards	83.4	3627.34	6.66	24,158.08
Bisritra-Nasaud	Orchards	98.2	4799.07	10.81	51,877.95
Giurgiu	Cereals	98.2	17,416.00	3.99	69,489.84
Castellón	Citrus	88.1	17,016.44	35.46	603,402.96
Cordoba	Cereals	87.9	2742.21	2.95	8089.52
	Olive groves	87.2	31,449.00	0.76	23,901.24
	Vineyards	85.5	1857.41	8.68	16,122.32



T.2.3. Small farms capacity to cover consumption



T.3.1. New Typology of small farms in Europe

The types make sense of small farm diversity beyond the subsistence-commercial duality

Weaker market orientation
 (Relatively poor; contracts uncommon; higher % of production is non-marketed)

Newer/
younger

1

Part-time
self-
provisioners

More
traditional/
older

3

Conventional
strugglers

Stronger market orientation
 (Relatively wealthy; contracts common; lower % of production is non-marketed)

Don't use certification

2 Conventional
Entrepreneurs

Use certification

Sell to coops

4

Business
specialized

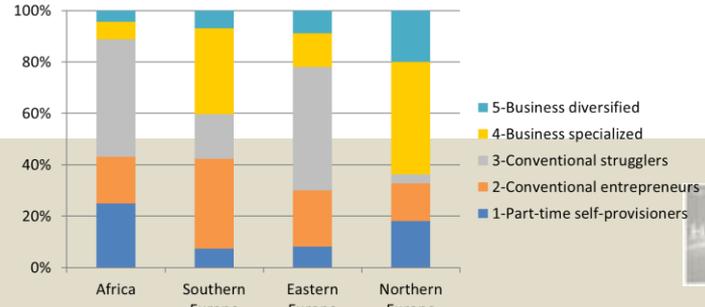
Diversified
buyers

5

Business
diversified



SALSA - Small Farms, Small Food Businesses and Sustainable Food Security
 Project Number 677363 Horizon 2020



WP4. Future potential role of small farms & small food businesses

Access to technology and knowledge

- Key to adapt to climate change (not as a driver, but as a parameter)
- The room for 'retro-innovation'

Access to a diversity of value chains

- Non-conventional (subjected to new consumers' habits and values)
- Conventional (subjected to the capacity and willingness to cooperate)
- Reconnecting SF \leftrightarrow SFB
- New dedicated quality schemes. Current EU schemes not aligned to SF/SFB needs

Tailored policy and regulatory frameworks

- Small-scale adapted support
- Tailored regulatory requirements (health, environmental, fiscal)



WP5. Governance frameworks for enabling small farms potential

Collective action and cooperation

- A factor of resilience (necessary to overcome challenges and constraints)
- Cooperation beyond concentration → Innovative and systemic cooperation: leadership and professionalization, commitment and trust, networks and alliances
- A trade-off between farm subsidies and cooperative engagement. From individual to collective public support?

Downscaling and tailoring climate adaptation governance

- SF/SFB vulnerability to CC is aggravated by their poorer access to resources to adapt
- There is a gap between existing national adaptation governance frameworks and locally scaled adaptation governance



Thank you!

For more information

Website : www.salsa.uevora.pt/en

Twitter : SalsaH2020



SALSA - Small Farms, Small Food Businesses and Sustainable Food Security
Project Number 677363 Horizon 2020

