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WP1 – Diagnosis of the WFP value chain and comparative analysis

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> WildFood Project 4th March 2020





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Outlines

- Status of Milestone 5 Methodology for getting data for the analysis of the state of art of the WFP valuechain and mapping actors
- Status of Deliverables





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Status of Milestone 5



Milestone 5 - Methodology for getting data for the analysis of the state of art of the WFP value-chain and mapping actors (Task 1.1, 1.2 & 1.3)

Three main activities just finalized:

- Converging into a **common definition** of wild food product (WFF)
- (MED Doue
- Selection of at least one **key specie** out in each WPF category selected in the project :
 - It must be important at regional or national level



- · It must be common at least in two country
- Definition of the **sampling methodology** we will use to identify stakeholder and analyze the supply chain performance









WFP definition



Definitions	average score among respondents	average score weight per countr
Non-wood forest products (NWFPs) are goods of biological origin other than wood derived from forests, other wooded land and trees outside forests (FAO 1999)	3.44	3.67
Non-wood forest products (NWFPs) are goods derived from forests that are tangible and physical objects of biological origin other than wood (FAO 2015)	2.78	2.92
Wild food is defined as anything edible that requires no human input to increase its production (Daudet 2012)	3.11	2.92
Wild foods are plants, berries, fruit, nuts, mushrooms and game that are collected in the wild, to be consumed as food or drink (Waes et al. 2013)	3.56	3.25
Wild forest products are products other than wood derived from wild and semi-wild forests, as well as from sources in early stages of domestication, such as fruit trees, bushes, and orchards. This definition covers a wide range of resources and products including olants, fund, faum and soil (Wolfslehner et al. 2018)	3.89	3.92
points, rung, rauna and soil (violosienner et al., 2014). Wild forest foods are a subset of wild foods and refer to uncultivated foods from forested areas, such as bushmeat, fish, fruits, leafy vegetables, nuts and seeds (not including forest-based agriculture, e.g., shifting cultivation or agroforestry systems) (Rowland et al. 2017)	3.67	3.67
Wild forest products are untended biological resources other than wood obtained from gathering in forests and other wooded land. While semi-wild forest products can be considered biological resources other than wood gathered in forests and other wooded land subject to some form of human intervention to increase productivity (Muir et al. 2020)	3.67	3.83
A wild product is a species that grows spontaneously in self-sustaining populations outside cultivated areas, in field margins, forests, woodland, grassland, and wetlands (e.g., paddy fields), independently of human activity (Heywood 1999)	3.11	3.17

Proposed definition

Wild food products are untended biological resources other than wood that are used as food and they are obtained from gathering activity in forests and other land.

A semi-wild food product can be considered a wild food product subject to some form of human intervention to increase productivity in the place it carries out its biological cycle.

TESAF Dipartimento Territo e Sistemi Agro-Fore



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Key specie: national market description



Pine nuts & Spain (CTFC), Italy (UNIPD) and Tunisia (INRGREF & AVFA) Aleppo pine seeds

Mushrooms & Italy (UNIPD), Spain (CTFC), Slovenia (SFI), Algeria (INRF)
Truffles

Aromatic Plants Portugal (ISA & HFM), Tunisia (INRGREF & AVFA), Algeria (INRF &

Country	M&T	Nuts	AP	Data provider	Dabase	Responsible	Camber of C.
Algeria	Yes	No	Yes	No one	No link	No	Yes
Italy	Yes	Yes	No	No one	No link	No	Yes
Portugal	No	Yes	Yes	No one	No link	No	Yes
Slovenia	Yes	No	No	Ministry of environment	Link available	No	Yes
Spain	Yes	Yes	No	Ministry of agriculture	Link available	Yes	Yes
Tunisia	No	Yes	Yes	Ministry of agriculture	No link	Yes	Yes

We will ask in next week and the following information to the project partners:

- Production data on the target wild food
- · Description of the actual production methods of the target wild food
- · Legislative framework ruling the sector





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Key specie: national market description



Production information:

- No data on production information
- There is an estimation of the national production reporte in a grey document of the ministry of agriculture assessing a value of 192 M€ of large company turnover, and a value of 600 M€ of formal and informal value of the supply chain

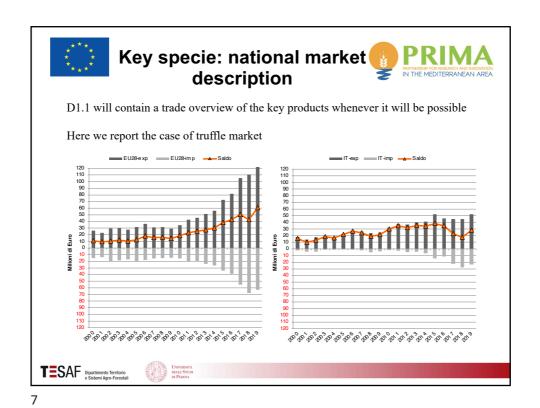
Main production:

- The main production is source in the wild by non-professional pickers
- The total number of non professional pickers is approximately 0.1 M people
- Truffle plantation are mostly unrecorded plantation and only a limited surface is under production → specific values will be reported in the D1.1
- · Technical and scientific literature

Legal information:

Graphic example of law evolution on truffle sector in italy





Key specie: national market contains a trade overview of the key products whenever it will be possible.

Here we report the case of truffle market

Share IT/BJ-oxp ---share IT/BJ-imp

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contains a trade overview of the key products whenever it will be possible

Here we report the case of truffle market



Key specie: possible trade analysis



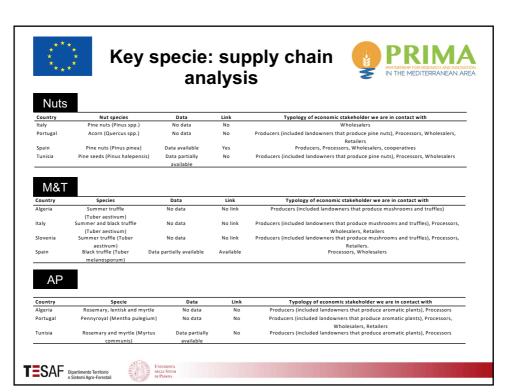
According to the project partner interest and the trade data availability, the possible analysis can be run only on these products, unless other national information will be provide to the WP1 team

Product	Interest	Single species	CN code	HS code
Pine nuts	IT, ES, TN	No	0802 90 50	0802 90
Fresh of chilled truffles	IT, SI, DZ, ES	No	0709 59 50	0709 59
Prepared or preserved truffles	IT, SI, DZ, ES	No	2003 90 10	2003 90
Wild thyme (Thymus serpyllum)	none	Yes	0910 99 31	0910 99
Bay leaves	none	Yes	0910 99 50	0910 99
Other plants and parts of plants	DZ, TN, PT	No	1211 90 86	1211 90





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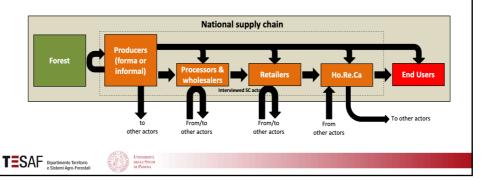


Key specie: supply chain analysis



We will submit a questionnaire along the supply chain economic actors.

The main objective will be to study the price evolution of the key products (raw or processed) along the chain



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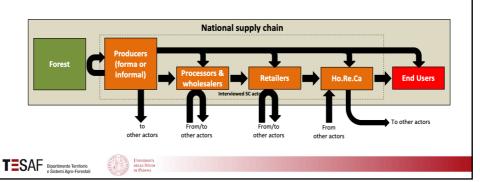


Key specie: supply chain analysis



Target audience:

- 6 (up to 10) **producers** (formal or informal pickers, forest owner o farmer)
- 2 (up to 6) wholesalers and processors (companies that buy, process and resell raw or final product)
- 2 (up to 8) retailers
- 2 (up to 8) **Ho.Re.Ca.** (hotel, restaurants and catering)



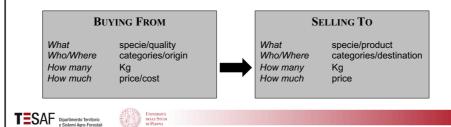


Key specie: supply chain analysis

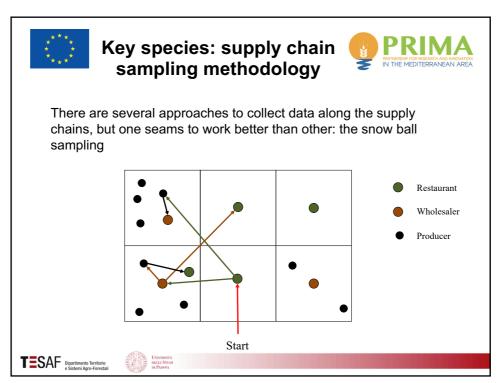


What do we ask?

- · Conjoint work with WP3 and WP4
- · WP1 will ask simple question like:
 - Product description [i.e. T. melanosporum category extra]
 - Price of the product [i.e. T. m. category extra 300€/kg Italy
 T. m. category extra 450€/kg France]
 - Main market and relative share [i.e. Italy 30% France 70%]



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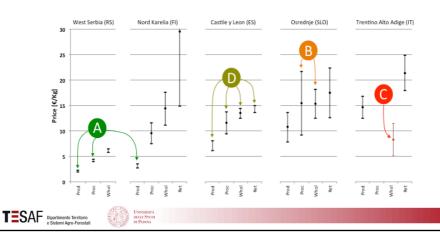




Key species: supply chain expcted outcome



The idea is to reach this type of output...but it depends on the time and budget we have.



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Status of the deliverables and milestones



- **D1.1.** Report on the state-of-the-art of the WFP value-chains. *Trade data collection and analysis - work in progress*Public report ready for M12.
- D1.2. Report on actors' characterization.
 Stakeholder engagement work in progress
 Public report ready for M12 (rescheduled for M18)
- **D1.3.** Report on comparative analysis.

Not started

Public report ready for M24

M5 Methodology for getting data for the analysis of the state of art of the WFP value-chain and mapping actors Ready for mid January

Internal document due to M4 (reschedule for M8)











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