1st International Multidisciplinary Acorn as Food Workshop

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Food products among the Nonwood forest products (NWFPs) – the FAO perspective

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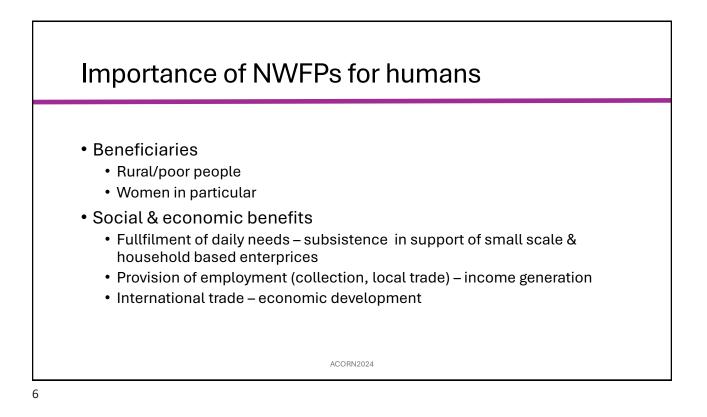
# Outline What are NWFPs? Food-based NWFP accross the UNECE region Issues with reported data Way forward Summary

Outline

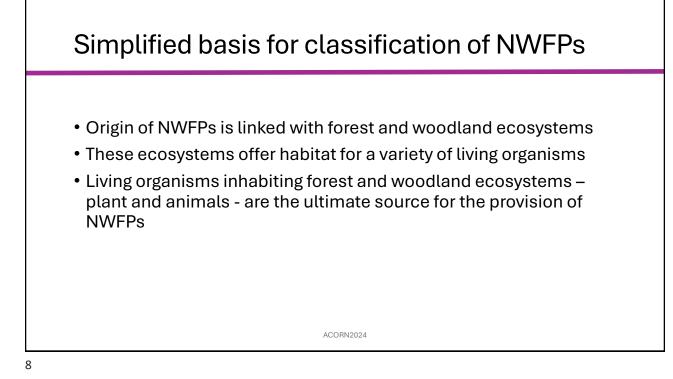
• What are NWFPs?

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Non-wood forest products (NWFP)
<ul> <li>Origin of the products – forests, other wooded land &amp; trees outside the forests</li> <li>Definition based on Forest resource assessment (FRA)</li> <li>Goods derived from forest and woodland ecosystems that are tangible and physical objects of biological origin other than wood</li> </ul>
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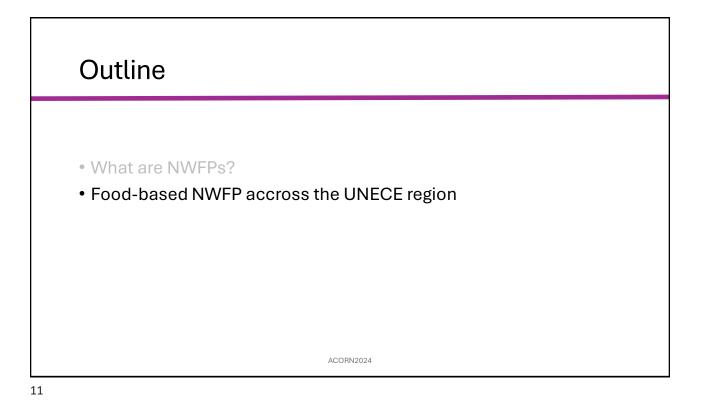


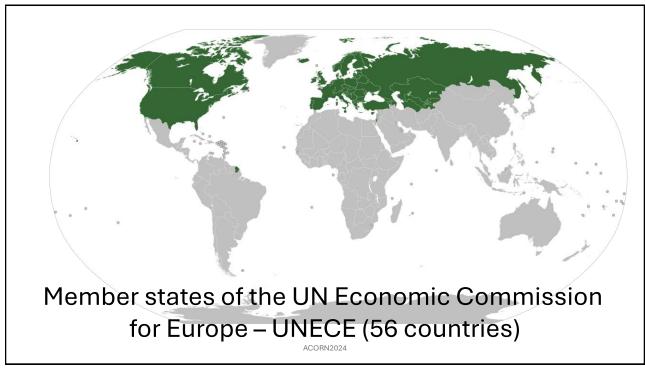
Μ	Ionitoring of NWFP utilization
	Classification of NWFP complicated with adverse implications for reporting
• ૬	Statistical data rarely available at national levels
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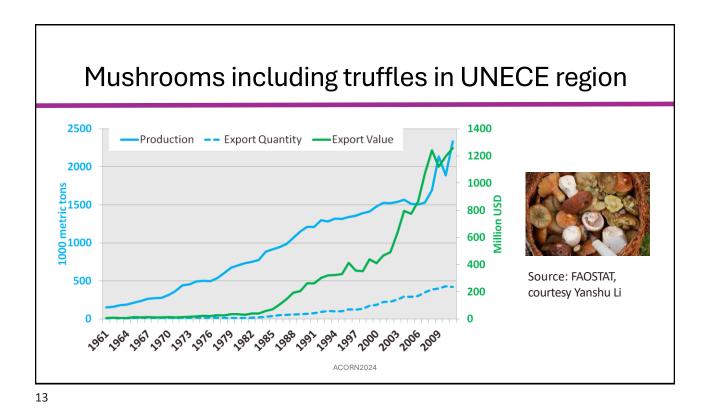


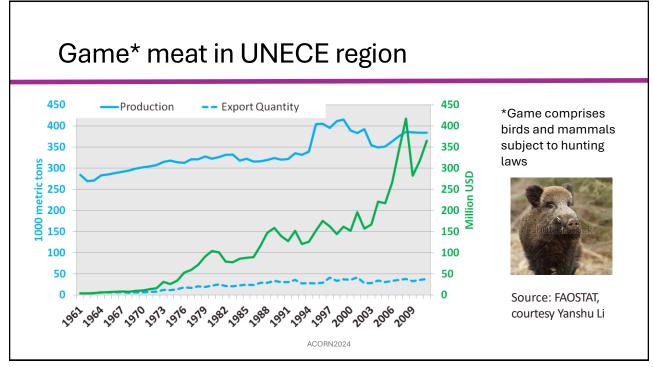
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# Animal based NWFPs South and a construction of the products with the product sector prillars), crustaceans (crabs) Bable a nimal product sector (caterpillars), crustaceans (crabs) Bable a nimal product sector (caterpillars), crustaceans (crabs) Bable a nimals as bee wax, hides, skins, organs, bones for various purposes Medicine, colorants, trophies Living animals as pets









## Quantity and value of various types of marketed animal products in Europe

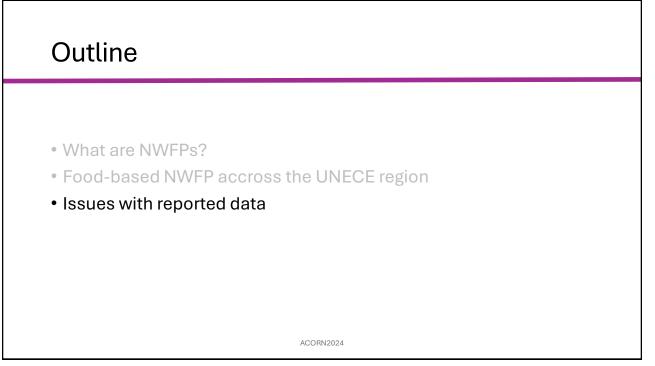
Region	Game meat		Living animals		Pelts, hides skins and trophies		Wild honey and bee-wax		Rawmaterial for medicines, colorants		Other animal products
	Quantity tonnes	Value 1,000 €	Quantity pieces	Value 1,000 €	Quantity pieces	Value 1,000 €	Quantity Tonnes	Value 1,000 €	Quantity Tonnes	Value 1,000€	Value 1,000€
North Europe	3,117	7,147	-	-	59	529	141	780	20	147	-
Central-West Europe	9,227	217,113	-	-	287	6,738	15,750	111,861	-	-	1,340
Central-East Europe	10,084	17,959	7	528	10	4,445	-	-	-	-	-
South-West Europe	-	73,228	-	-	-	-	36,199	124,690	-	-	-
South-East Europe	700	5,565	-	-	4	6,537	554	39,623	-	-	-
EU-28	23,080	317,013	7	528	351	3.312	52,090	237,330	20	147	1,340
Europe	23,127	321,012	7	528	361	18,249	52,644	276,953	20	147	1,340
Source: FOREST EUF	ROPE, UNEC	E and FAO	(2015)		ACORN2024						

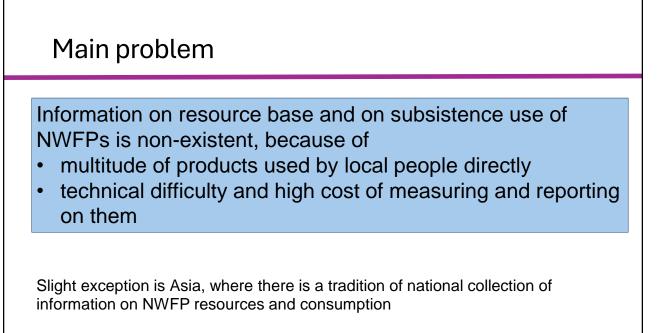
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### Main producers of fruits & berries in UNECE region

Main producing countries	Quantity (thousand tonnes)	Value (million USD*)
Albania	60.0	114.0
Finland	40.0	67.1
Norway	25.0	45.3
Czech Republic	22.7	39.2
Total	147.7	265.6
*Reported values are income to Source: UNECE/FAO 2000	o collectors (Finland) or estimate	ed market prices

maple syrup	J producers	in UNECE re	SIOLI		
United	States	Canada			
Quantity (million litres)	Value (million USD)	Quantity (million litres)	Value (million USD)		
6.2	39.3	15.3	44.9		
Source: FAO 2001c					





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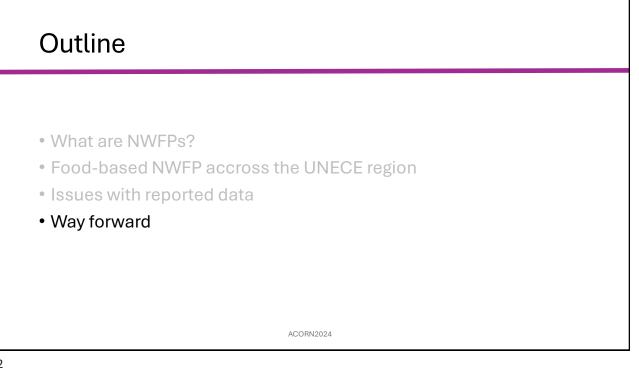
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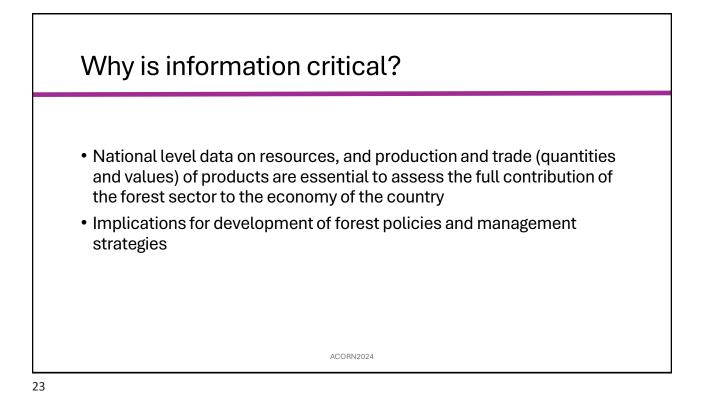
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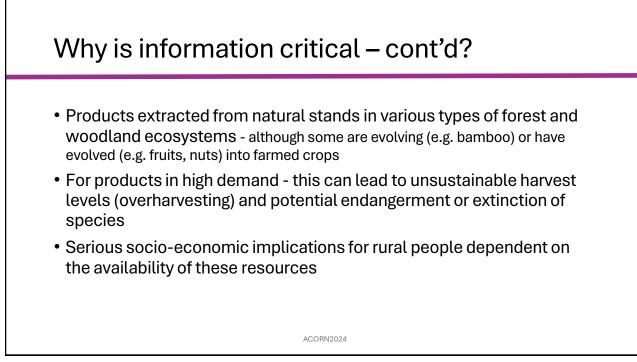
### Information quality issue cont'd

- Information often mixed with agricultural production statistics (e.g. nuts, honey) – lack of statistically designed surveys and inventories – reliability question
- Lack of common terminology and measurements, resulting in statistical data on NWFP resources and production not comparable among or even within countries or regions mismatch in the subject
- Information limited to selected internationally traded products reflecting mainly on export quantities but economic value can be calculated at different stages of production and processing

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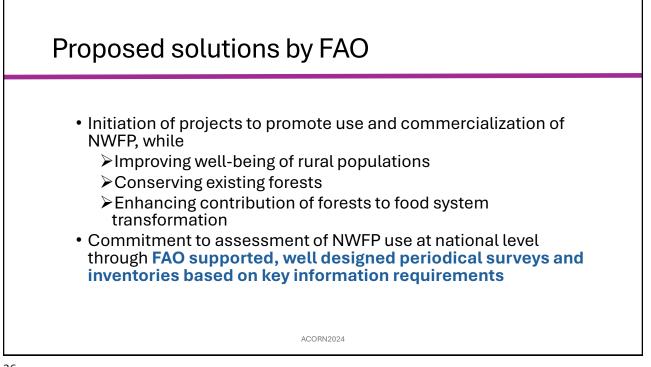




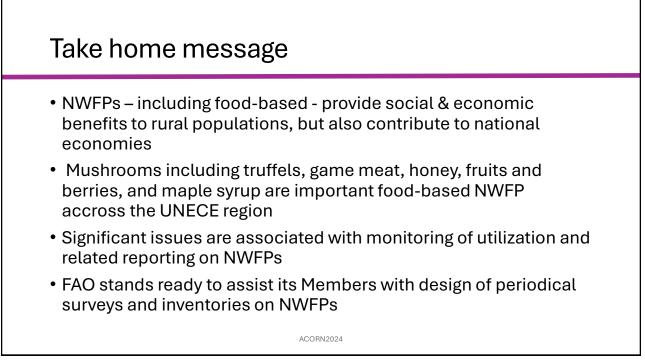
### Key data requirements for NWFP assessment

- Identification of the species scientific, local/trade names
- Resource base management systems, harvesting methodscultivated vs wild - natural forests vs plantations/agroforestry
- Impact of harvesting on the availability of the resource base
- Trends in utilization decreasing/stable/increasing
- Access of beneficiaries to resource bases and their property rights
- Benefits across sectors of economies
- Importance of specific NWFP for the economy of the country

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Outline		
	d NWFP accross the UNECE region reported data	
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### Thank you! Peter.Pechacek@fao.org

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