1st International Multidisciplinary Acorn as Food Workshop

ACORN 2024 17-18 DECEMBER, 2024



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

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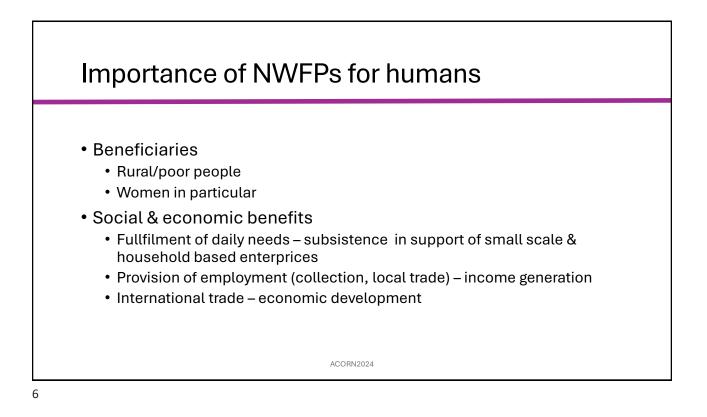
Outline What are NWFPs? Food-based NWFP accross the UNECE region Issues with reported data Way forward Summary

Outline

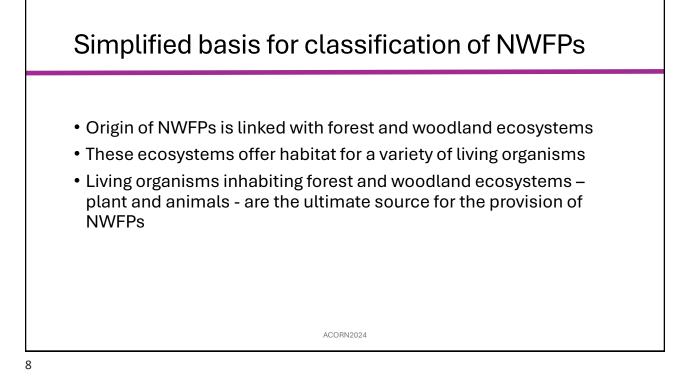
• What are NWFPs?

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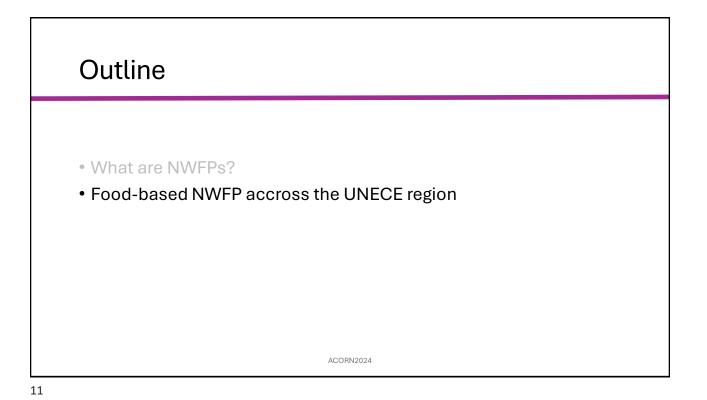


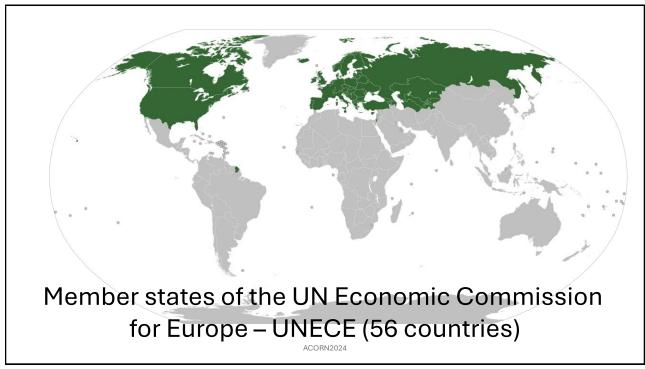
Μ	Ionitoring of NWFP utilization
	Classification of NWFP complicated with adverse implications for reporting
• ૬	Statistical data rarely available at national levels
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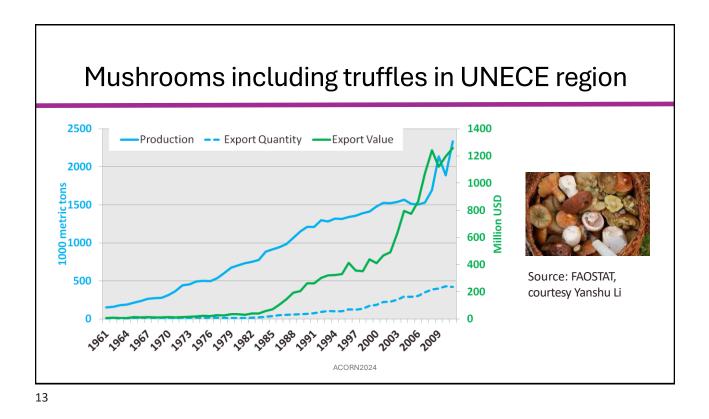


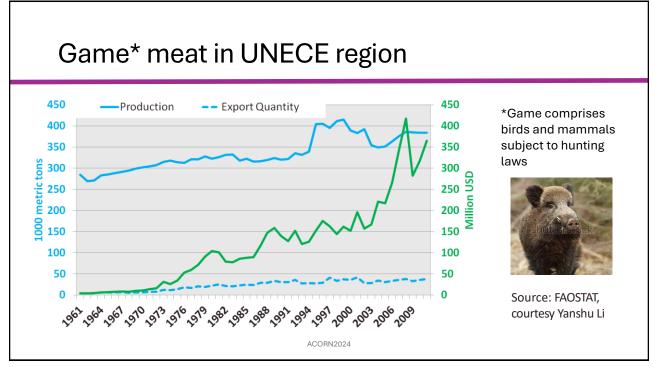
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Animal based NWFPs South and a construction of the products with the product sector prillars), crustaceans (crabs) Bable a nimal product sector (caterpillars), crustaceans (crabs) Bable a nimal product sector (caterpillars), crustaceans (crabs) Bable 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

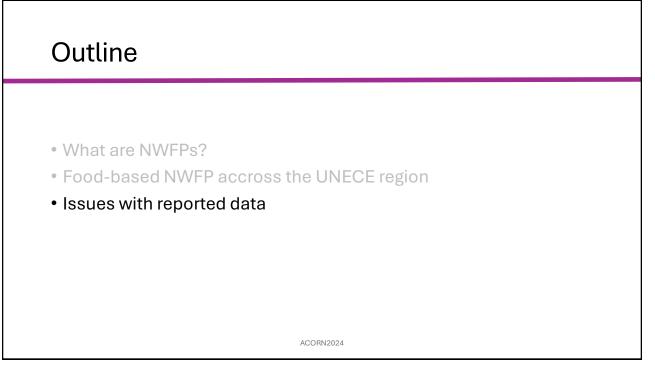
Region	Game meat		Living animals		Pelts, hides skins and trophies		Wild honey and bee-wax		Rawmaterial for medicines, colorants		Other animal products
	Quantity tonnes	Value 1,000 €	Quantity pieces	Value 1,000 €	Quantity pieces	Value 1,000 €	Quantity Tonnes	Value 1,000 €	Quantity Tonnes	Value 1,000€	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						

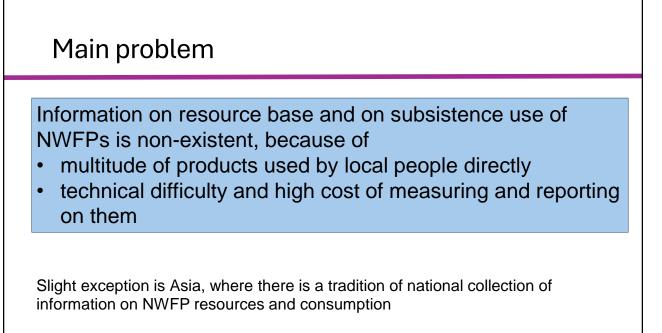
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Main producers of fruits & berries in UNECE region

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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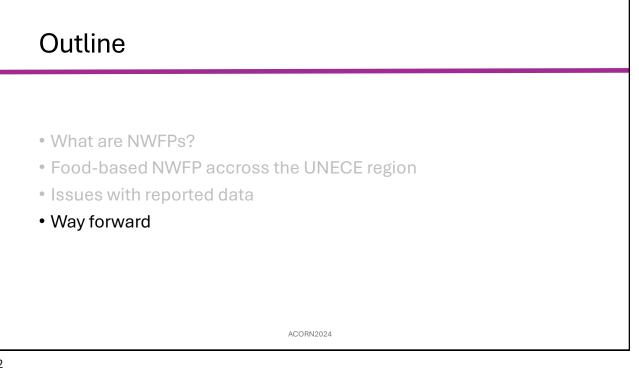
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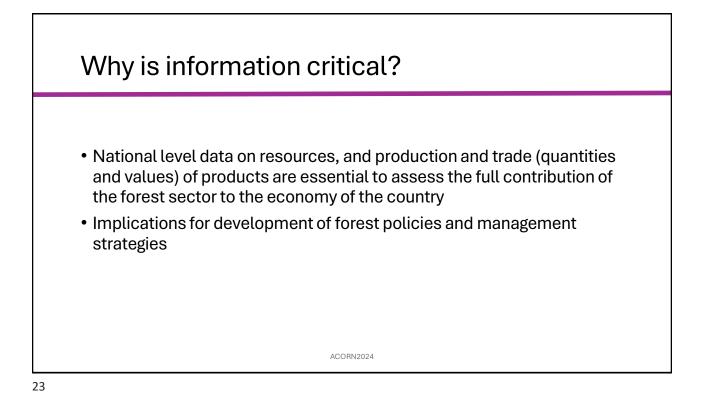
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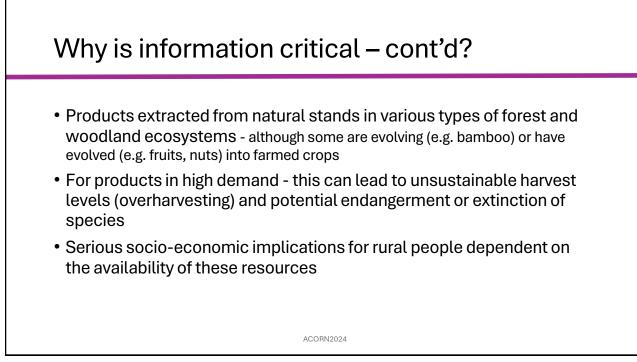
Information quality issue cont'd

- 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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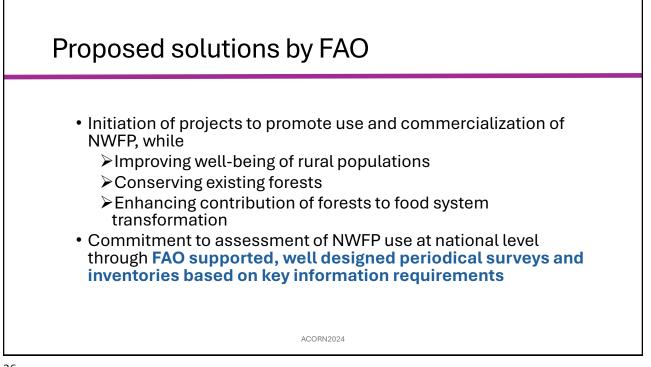




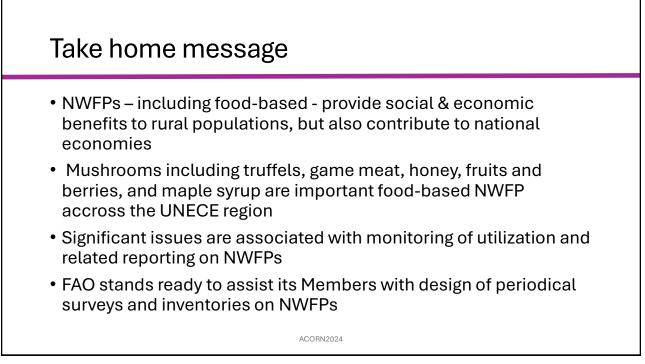
Key data requirements for NWFP assessment

- 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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