



Rural Development & Soil Health

Region Emilia-Romagna perspective in the framework of
Italy's CAP Strategic Plan

C Farming: Benefits in the Med. region
Thessaloniki (GR) 10 December 2025

Regione Emilia-Romagna| DG Agriculture
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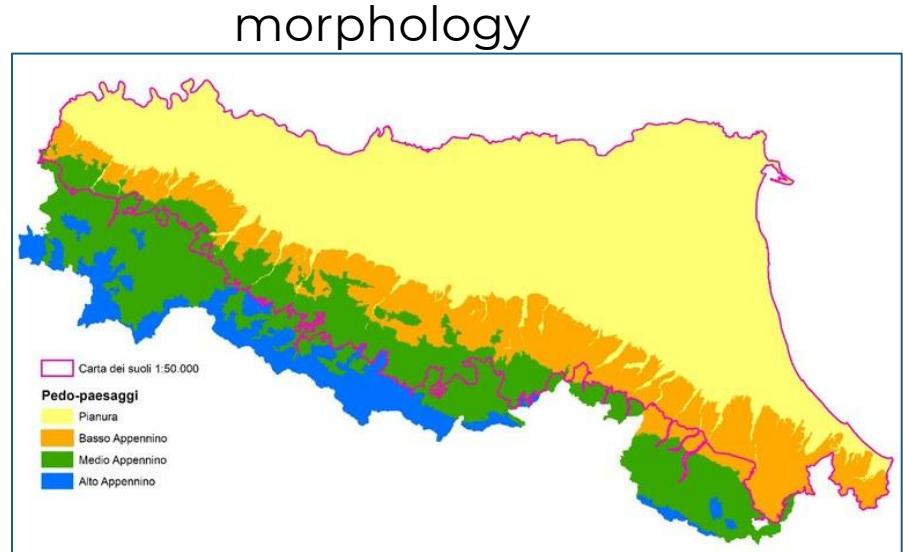
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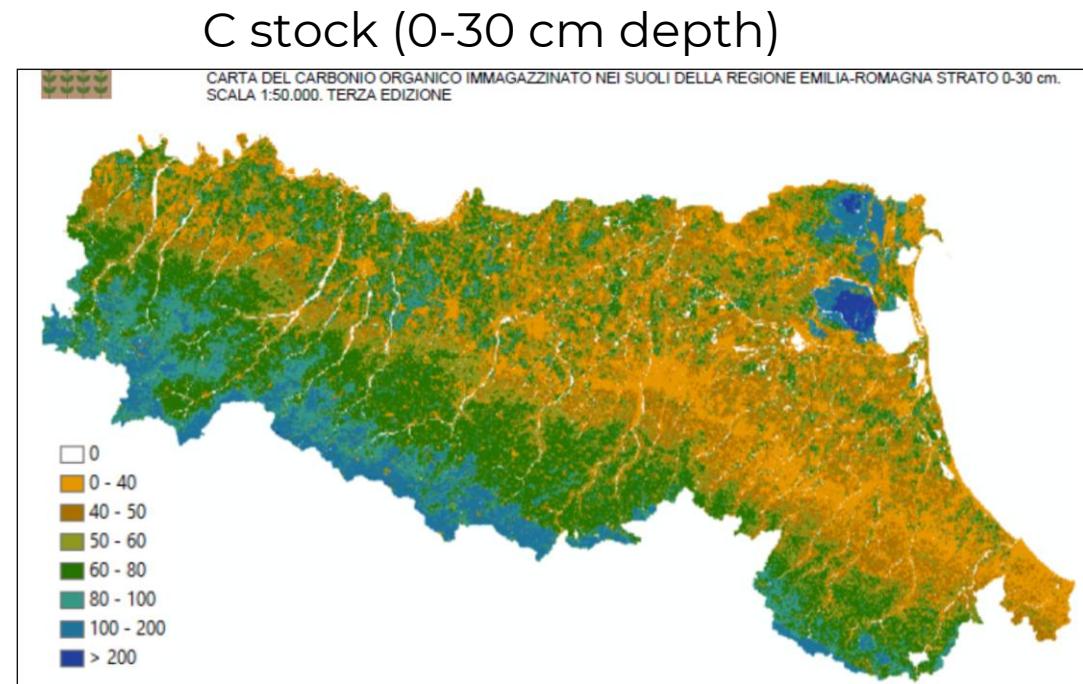


Emilia-Romagna: an overview



The Apennine chain covers half the total Area of the region.

Mean C stock 52 t/ha (90 tOM/ha): great differences



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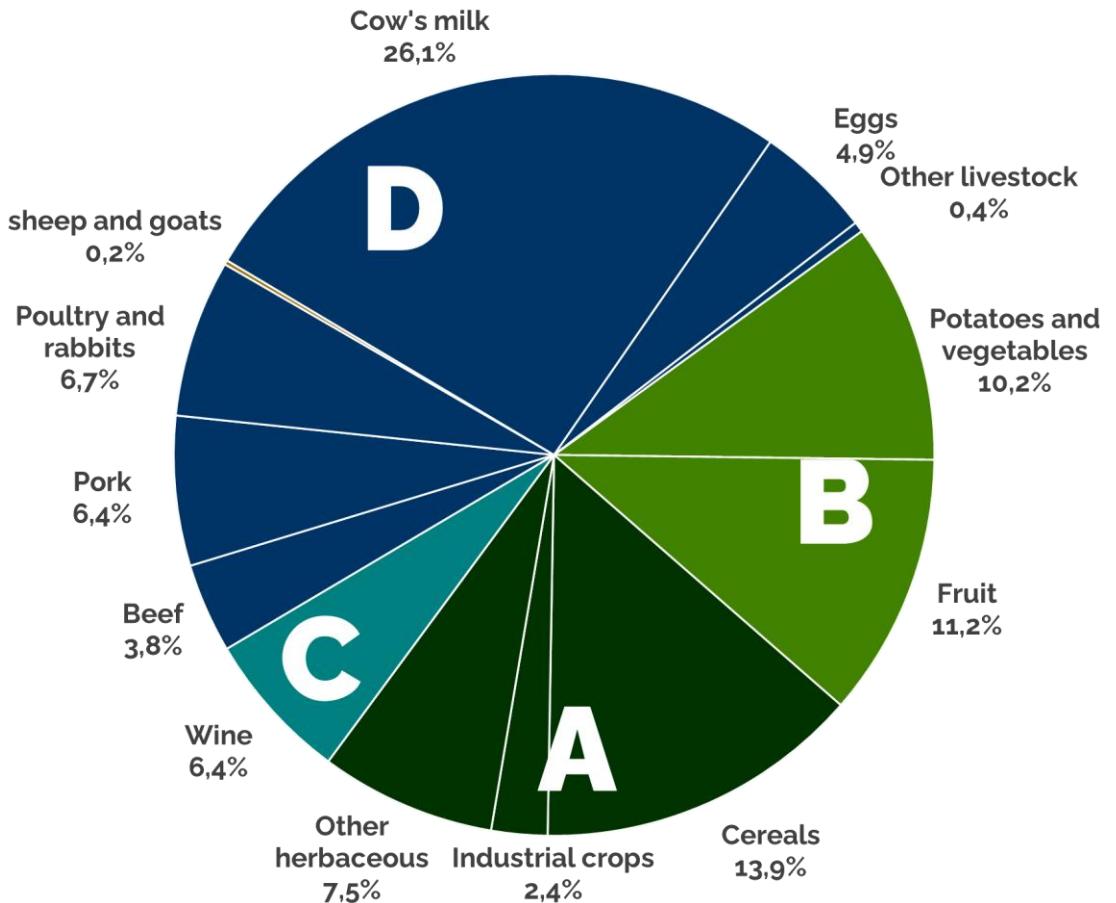
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E-R Agri output by product group

5,8 billions€ (at the farm gate)
divided in:

- A** 23,7% cereals, industrial crops and other
- B** 21,4% fruit and vegetables
- C** 6,4% wine
- D** 48,5% animal production



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E-R Agri: QUALITY as a mission

FOOD

19 PDO

Protected
Designation of Origin



25 PGI

Protected Geographical
Indication



WINE

21 PDO

Protected
Designation of Origin



9 PGI

Protected Geographical
Indication



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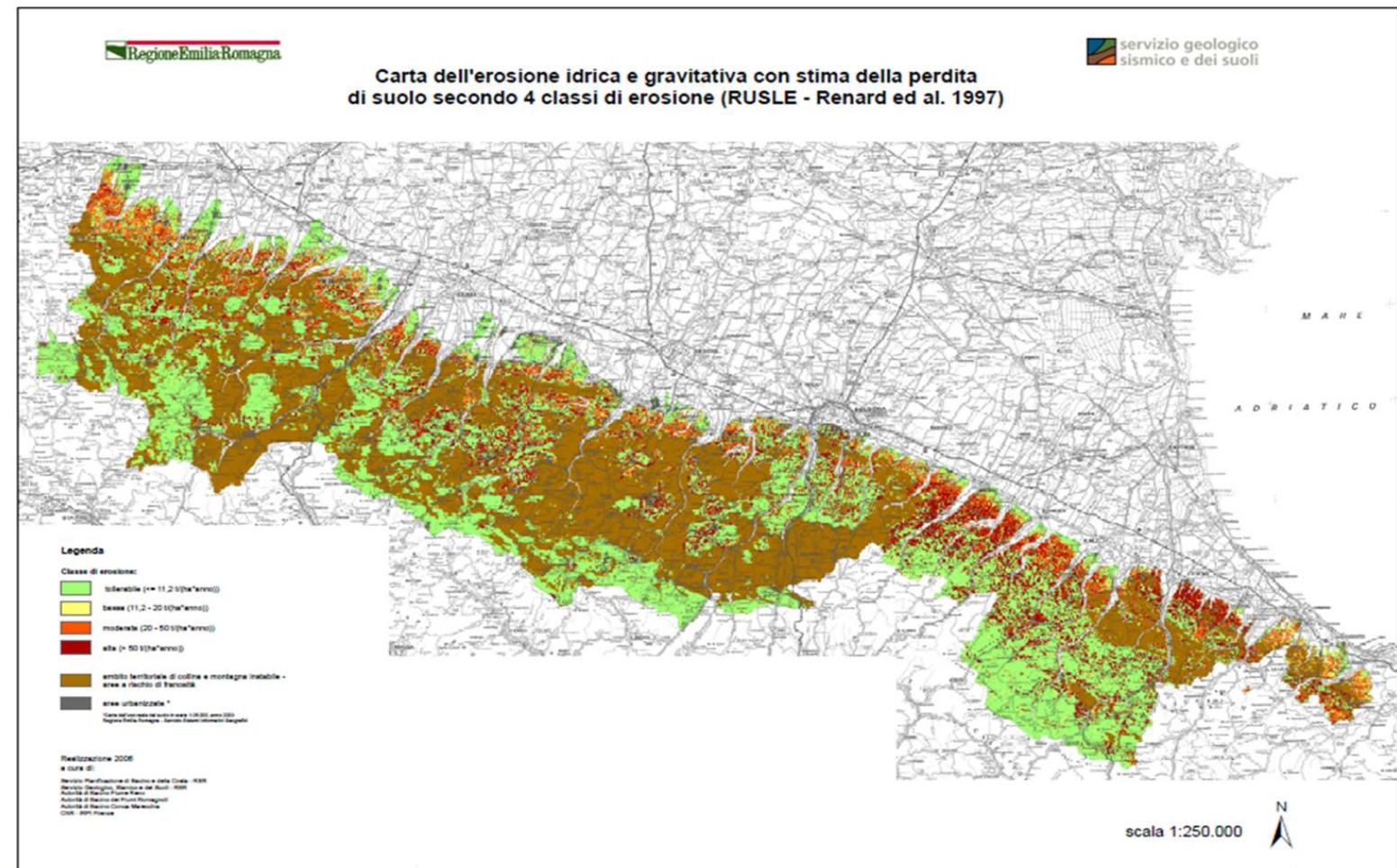


Soil threats: water erosion

Low/medium hilly area:

Land use:
vineyards, orchards

Erosion rate:
20-50+ t/ha*year



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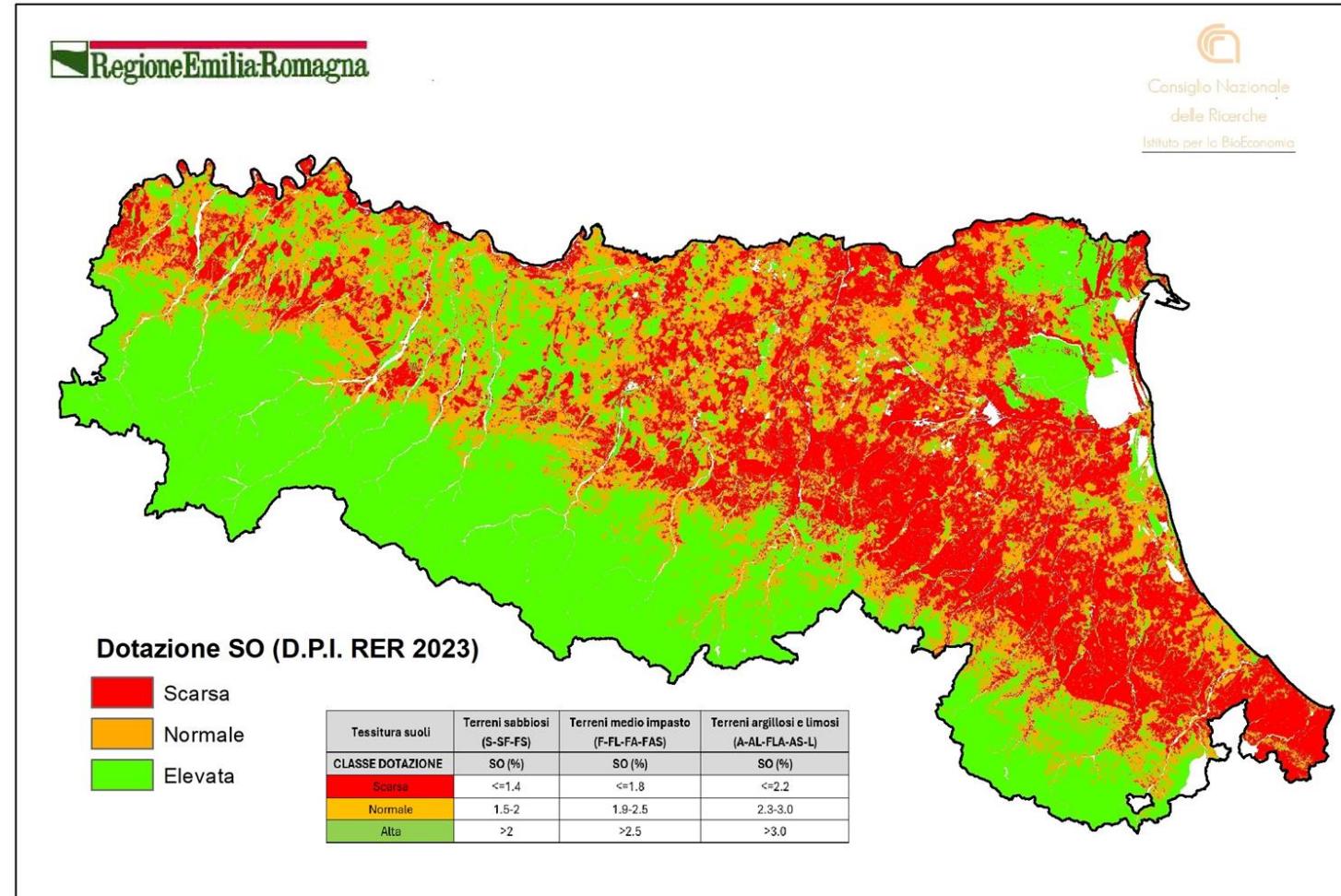


Soil threats: SOC/SOM loss

Flat area

intensive agriculture:
cereals,
tomatoes,
potatoes,
orchards,
vineyards,
alfalfa

SOM % < 1.4-2.2



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How to address Soil Health issues?

Agrienvironment-climate commitments

Direct C-related actions

(C-farming):

✓ **Soil improvers**

(farmyard manure, high quality compost)

✓ **Conservation agriculture**

(no-till, soil cover, crop rotation)

Indirect actions:

- Organic farming**
- Integrated production**
- Permanent meadows**
- Environmental set aside**



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What about effectiveness? 1/2

Regional Programme 2014-2022 - Indipendent Evaluation

Operations	Area	SOM increase			SOC increase	
		ha	kg·ha ⁻¹ ·year ⁻¹	Mg·year ⁻¹	Increase stock SOM (%·year ⁻¹)	kg·ha ⁻¹ ·year ⁻¹
Integrated	112.674	21		2.331	0,0005	12
Organic	148.511	31		4.973	0,0008	18
Soil improvers	12.103	996		11.168	0,025	578
Conservation agriculture	1.221	1.311		1.601	0,033	761
Permanent Meadows	8.124	960		7.799	0,024	557
Environmental set aside	5.710	451		2.575	0,011	262
Total	288.098	106		30.838	0,0027	61
						17.898



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What about effectiveness? 2/2

Soil Monitoring surveys 2018-2023

(120 sites: conventional vs. AEC)

S. Quality indicators

- Physical-chemical parameters (OC %)
- Biological Quality (s. microarthropods)
- Heavy metals

Organic fertilisers effects on SOC

- 35% cases showing stat. significance
- AEC sites obtain increase with less interventions



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CAP Strategy 2023-27

Million €	Italy	%	Emilia-Romagna	%
BUDGET	36.578			
Rural Development	15.756	39 %	913	100 %
Investments	4.291	27 %	282	31 %
EnvClim	4.570	30 %	326	36 %
AKIS+EIP	1.530	10 %	115	13 %
Organic farming	2.206	14 %	188	21 %
Integrated production	473	3 %	60	7 %
Soil improvers	47	0,3 %	13	1,4 %
Conservation agri	204	1,3 %	9	1,0 %



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EU-Commission proposal for next CAP

Multiannual Financial Framework 2028-34 proposal:

- National/Regional Partnership Plans (flexibility and self government)
- No more agri specific Funds, but a single Regional F.
- National Coordination enhanced
- More support for small and young farmers
- -20% overall reduction for CAP budget

- **enhanced support for environmental and climate actions, ecosystem services, bioeconomy, sustainable agri**



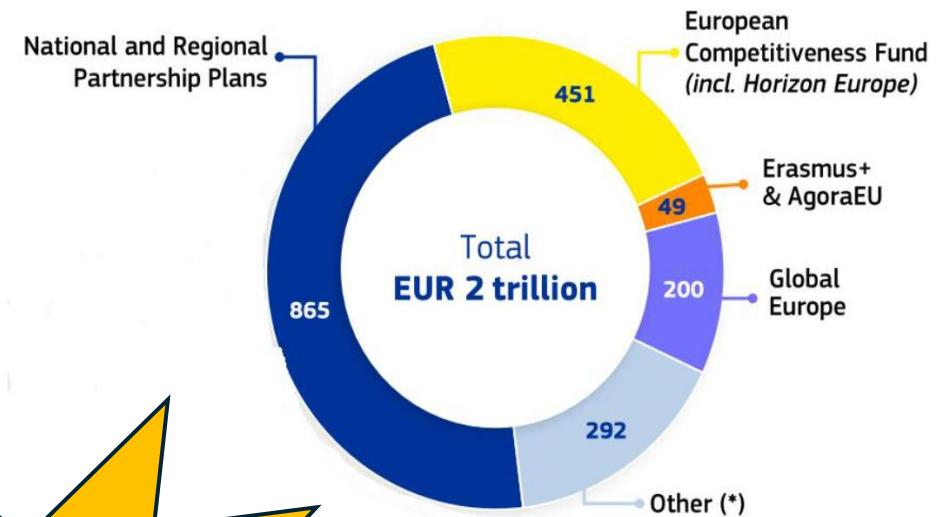
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The 2028-2034 EU budget



**New Farm
Stewardship**



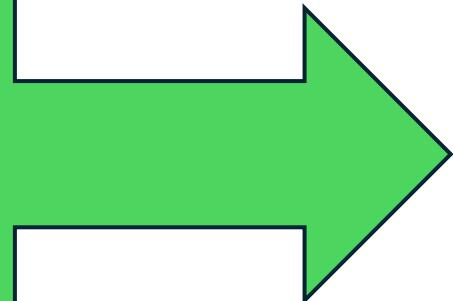
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New farm stewardship

Streamlined support for environmental and climate action
(integrating current ecoschemes and AECM)
acting further flexibility



Protective practices	
Area	Practices protecting...
Climate and biodiversity	Carbon-rich soils, wetlands, peatlands and landscape features
	Environmentally sensitive permanent grasslands on agricultural area in Natura 2000 areas
Soil health	Soil from erosion
	Soil potential (soil cover, crop rotation or diversification)
	Soil organic matter (residue management, ban on burning stubble)
Water	Water courses and ground water against pollution and runoff, (inc. via buffer strips)



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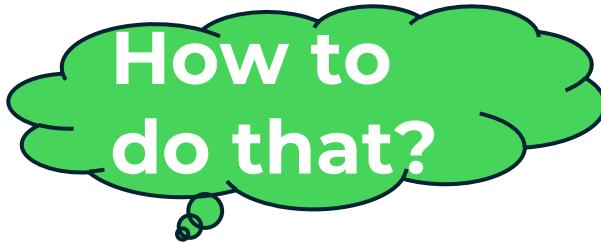
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New farm stewardship: finalize it!



- Boost direct C-related AEC actions
- Regenerative agriculture: integrating existing agroecology certification schemes (organic, integrated) with C farming practices
- Boost Reg Ue 2024/3012 implementation (C farming)



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Thank you!

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