



# Uudistavalla luomulla uusia avauksia

Maan viljelijä, agronomi, **Juuso Joon**a, Tyynelän tila, Joutseno  
19.3.2026 Luomufoorumi

# Tyynelän tila



A collection of logos for partner organizations: Precilience (a stylized plant icon), EARA (a circular logo with a plant), MAA akatemia (a yellow square with a tree icon), SOIL FOOD (a stylized plant icon), Carbon Action (a circular logo with a plant), CARBON ACTION (with CARBONACTION.FI below it), and CENSE ANALYTICS (a green diamond logo).



# Tyynelän tila



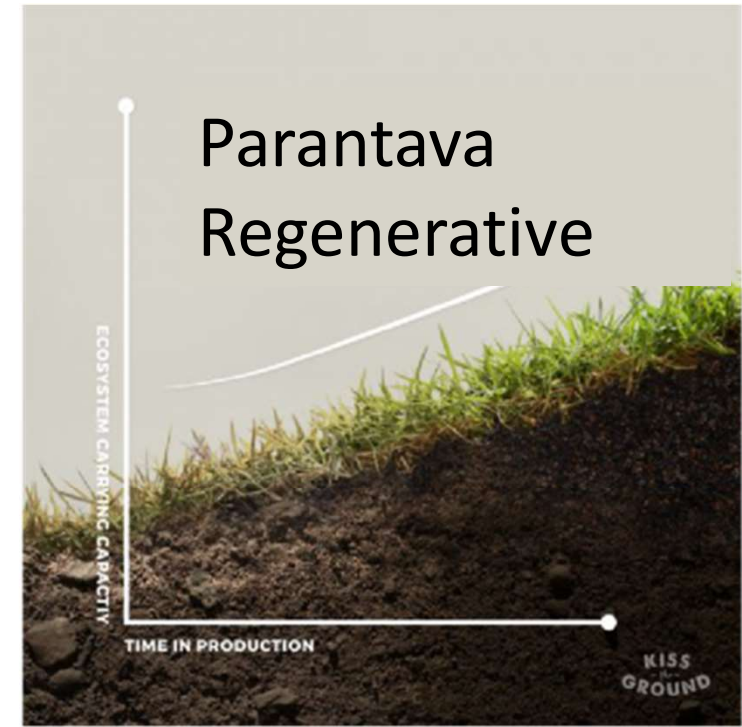
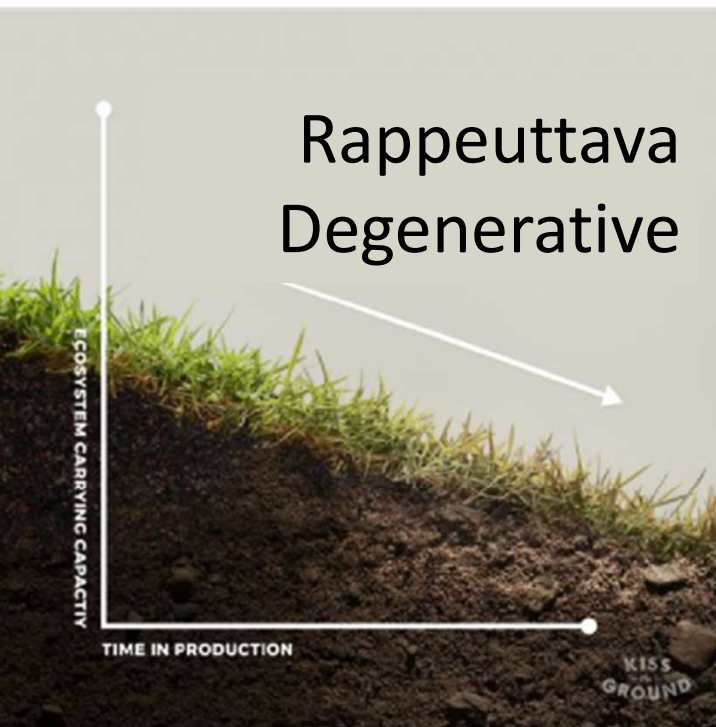
# Eniten viljelyä määrittävä ja tärkein tekijä

---



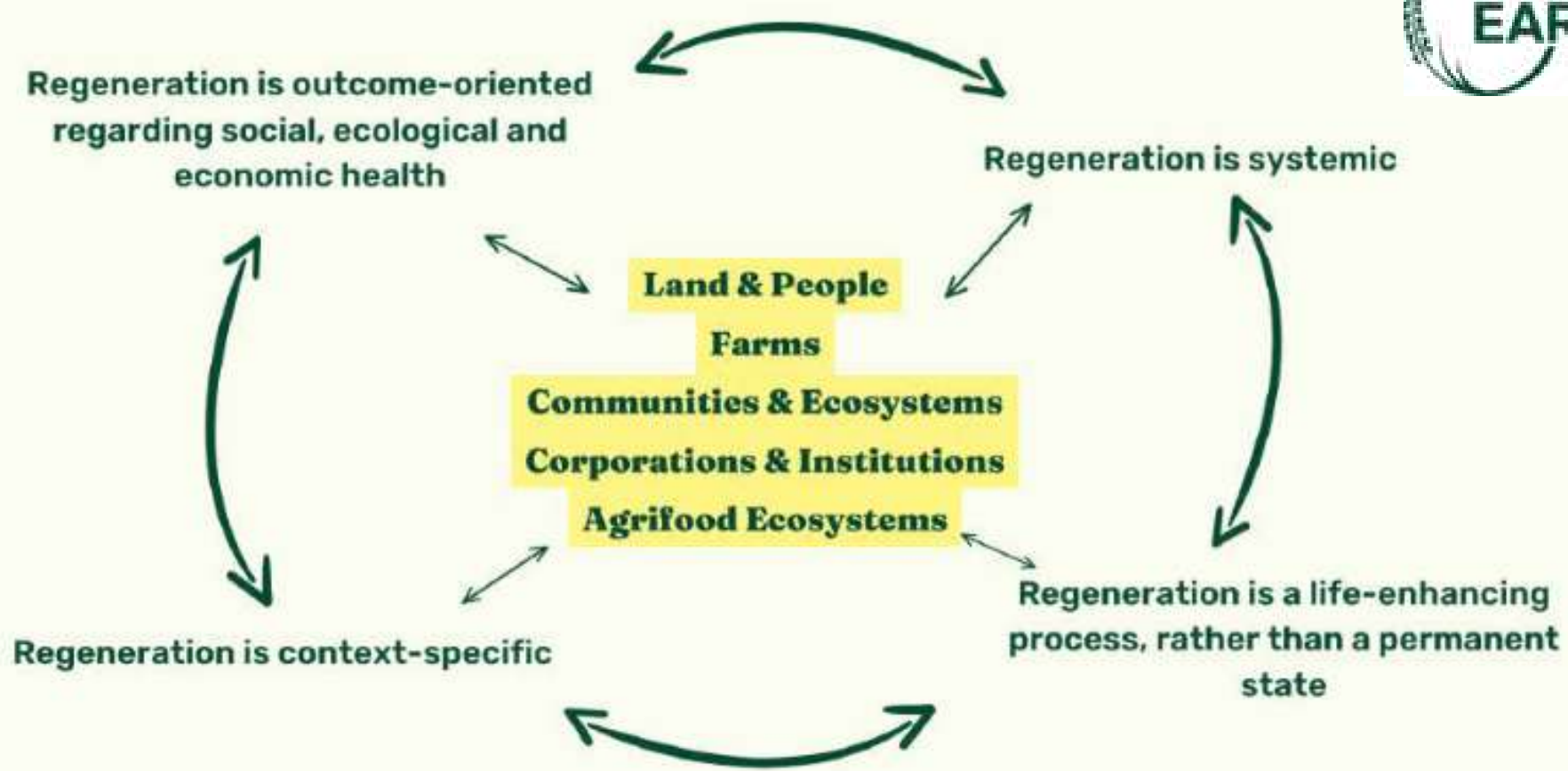
# Mikä uudistava viljely?

---

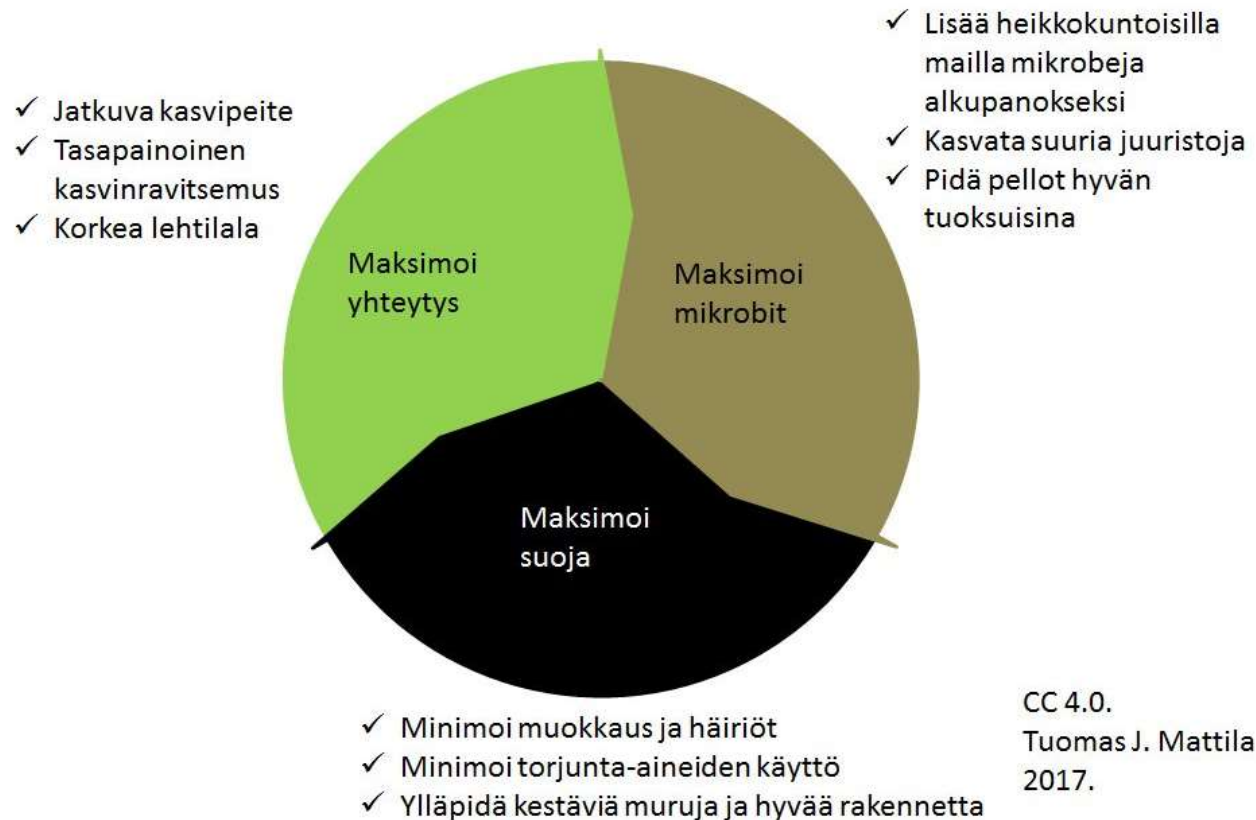


Beyond Sustainable: Think Regeneratively  
Kiss the Ground

**Schematic Visualization of EARA's defining principles for stewarding regenerative agriculture and their symbiotic interactions with agrifood ecosystems**



# Uudistavan viljelyn 3 pääperiaatetta pellolla



CC 4.0.  
Tuomas J. Mattila  
2017.

# Our Pilot Programme and Study

## Juuso Jona



**COUNTRY**  
Finland

**CROP**  
Oats

**YEAR**  
2022

**SYSTEMS**  
Organic  
Agroecology  
Conservation  
Agriculture

Contextualized  
comparison of  
inputs and outputs  
per hectare

	PIONEER	AVERAGE	%
<b>SOIL MANAGEMENT</b>	Minimum Tillage Drilling	Ploughing	
<b>SERVICE CROP</b>	Undersown Cover Crops	None	
<b>INPUTS</b>			
Nitrogen	42 kg org.	100 kg	-58%
Phosphor	4 kg org.	7 kg	-43%
Kalium	36 kg org.	14 kg	157%
Pesticide	-	Insecticides 0.08 / Fungicides 0.10 / Herbicides 0.25 (g/ha active substance)	-100%
Fuel	50l	80l	-38%
<b>YIELDS</b>			
Oats	3250 kg	3870 kg	-19%
Additional Biomass	1000kg		+100%
Gross Margin	975 €	340 €	+187%



**LOCATION** Finland

**CROPS**

Barley, Oats, Rye, Wheat, Oil Hemp,  
Oil seed rape, Peas, Fava bean

**ORGANIC**

**+36%** more than average per UAA

We compare pioneering farms to average farms in a **comparable context\*** per **hectare of Utilized Agricultural Area from 2021-2023.**

\*same pedoclimatic region and land use category

## FOOD SECURITY AND LIVELIHOODS

From survey, public and expert data

**Kilocalories**

**Proteins**

**€/Gross Margin**

Excluding subsidies and labour

**Strategic Autonomy**

Less fuel, Synthetic N, Mineral P, Non-National Feed

**-6%**

**-7%**

**+213%**

**+60%**

## ECOSYSTEM SERVICES

From survey, public and expert data

**Water**

**Green Water**

More Evapotranspiration (ET) /  
Lower Avg Surface Temperature

**+6%**

**CO<sub>2</sub>e**

**Emissions & Removal**

Fuel use, NUE, proxied SOC loss and growth

**+38%**

**Biodiversity**

**Pesticide Use & Soil Disturbance**

**-45%**

# RegenCompass

A Farmer-Led Guide to Frameworks, Certification & Claims in Regenerative Agriculture

Version 1 | February 2026

## Overview Table

	Context-Specificity	Systemic Integration	Cost Effectiveness and Purpose-Fit	Agronomic Enabling Value
Agreena Carbon Program by Agreena	Orange	Red	Green	Orange
AgriBoussol by Earthworm Foundation	Green	Orange	Green	Green
Carbon by Indigo Ag	Green	Red	Green	Orange
Certified Regenerative by A Greener World	Green	Orange	Green	Green
Climate Beneficial™ Verified by Fibershed	Green	Orange	Green	Green
Climate Farmers MRV by Climate Farmers	Green	Orange	Green	Green
Farm Management Platform by Klim	Orange	Red	Green	Orange
Integrity Grown by Advancing Eco Agriculture	Green	Orange	Green	Green
Lens by 3Keel	Green	Orange	Green	Green
Regen Ag Transition Program / Beyond Carbon Framework by Soil Capital	Green	Orange	Green	Orange
Regenerate Forum Certification by Regenerate Forum	Green	Orange	Green	Green
Regenerate Outcomes Program by Regenerate Outcomes	Orange	Red	Green	Green
Regenerating Together Program by SAI Platform	Green	Orange	Green	Orange
Regeneration Index by Pour une Agriculture du Vivant	Green	Orange	Green	Green
Regeneration International Standard by Regeneration International	Green	Orange	Green	Orange







**VOIMME TUOTTA  
LISÄARVOA RUUALLE  
JO PELLOLLA  
VILJELYJÄRJESTELMÄN  
AVULLA**



**"Yes, killer! Just amazing start to finish. Will you be offering any for sale beyond what you sent us? And thank you for the dizzying flavors!!"** *Glenn Roberts of Anson Mills*



# Kiitos!



Juuso.Joona@tyynelantila.fi  
@Maan\_viljelijä  
P. 050 360 96 32