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# Exploring the benefits of biocontrol for sustainable agriculture

*A literature review in the light of the European Green Deal*

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WORKSHOP 9 June 2021:

The shift to nature positive food and farming - what role for biocontrol?

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# The methodology in one blink

- **Literature review**
  - Scientific articles in peer-reviewed journals
  - Other inputs
- **CORDIS database (FP7, H2020)**
- **EU law**

# Biocontrol in the EU policy context

Research and Innovation	+++
CAP	+
Pesticides approval regime	☹️
Environment	++

## **BENEFITS**

- **Biodiversity**
- **Soil quality and health**
- **Human health**

## **WIDER IMPACTS**

- **Farm economics**
- **Climate**
- **Governance**

# Biocontrol supports European Green Deal objectives

EU strategies	Selected 2030 objectives	Biocontrol
Farm-to-Fork	50 % less chemical pesticide use	✓
Farm-to-Fork	Organic farming on 25 % farmed land	✓
Biodiversity	10 % of agricultural area → high diversity in landscape features	✓
Zero Pollution	75 % of soils are healthy	✓

# Recommendations

- EU definition of biocontrol/bioprotection
- A differentiated evaluation process
- CAP national strategic plans
- Research needs
- Field application



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**Thank you for your attention!**

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