



3rd EU policy forum

SEQUESTERING CARBON IN SOILS AND THE ASSOCIATED TRADE-OFFS

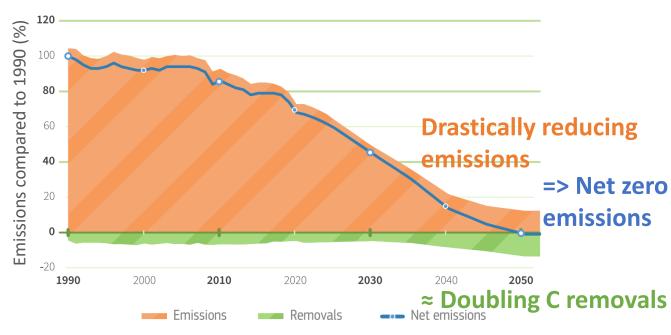
Welcome address

Claire Chenu, INRAE **EJP SOIL coordinator**



Towards climate neutrality

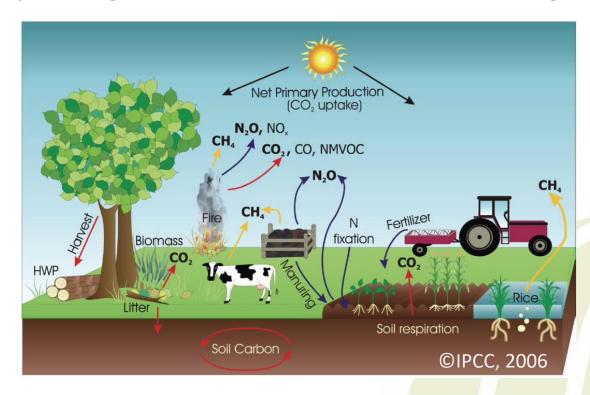
EU climate ambitions:



GHG projections for climate neutrality Source: EU 2030 Climate Target Plan

LULUCF target of -310 MtCO₂ removals in 2030

Upscaling land-based C removals: C farming



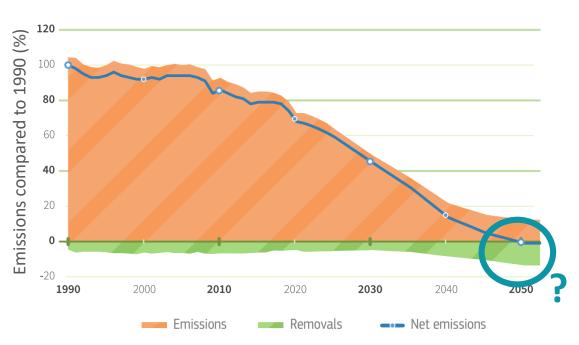


Commission proposal for a Regulation on Carbon Removals Certification





EJP SOIL Towards climate-smart and sustainable management of agricultural soils



GHG projections for climate neutrality Source: EU 2030 Climate Target Plan

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C sequestration understanding



Possibilities and limits of C sequestration in soils understood

Management options evaluation:
SOC sequestration



Climate mitigation potential quantified

Trade-offs SOC-N-P analysis, prediction

potential



Robust and accurate MRV systems

MRV methodology



Fair and efficient farmscale C payments

Incentives and policies evaluations







EJP SOIL Towards climate-smart and sustainable management of agricultural soils

WP2 Stoctakes & Roadmapping

WP7 Network of long-term field experiments

WP7 Access to research infrastructures

WP5 Short term visits

WP5 PhD schools

WP6 Harmonized and available soil information

EnergyLink AgroEcoSeq MixRootC MaxRootC CarboSeq EOM4Soil Soil C Insure sequestration & Trace-Soils climate **SOMMIT** change mitigation Steropes ProbeField Research projects Simple Biocash Road4Schemes C sequestration understanding

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WP2 Stoctakes & Roadmapping

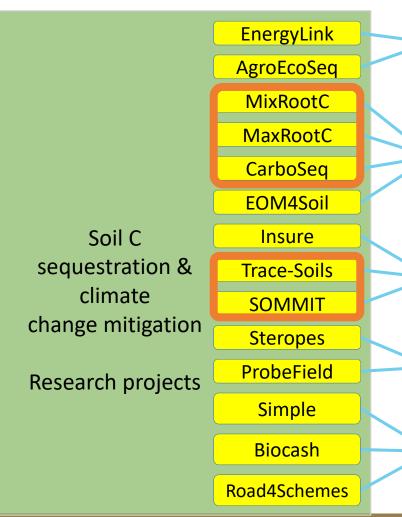
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Agenda

| 09:30 | Welcome Address | Claire Chenu, EJP SOIL Coordinator, INRAE |
|------------------------------------|---|---|
| 09:35 | Sequestering carbon in soil | Axel Don, EJP SOIL CARBOSEQ Project Coordinator, Thünen Institute |
| 09:55 | Question & Answer Session | Moderator – Irene Criscuoli & Giovanni Dara Guccione, EJP SOIL WP8 Co-Lead, CREA |
| 10: 20 - Coffee Break — 10 minutes | | |
| 10:30 | Trade-offs associated with carbon sequestration | Marta Goberna, EJP SOIL TRACE-Soils Project Coordinator, CSIC & Roberta Calone, EJP SOIL SOMMIT Project, CREA |
| 10:50 | Question & Answer Session | Moderator – David Wall, EJP SOIL WP8 Leader, Teagasc |
| 11:15 | MentiMeter | Moderator – Avion Phillips, EJP SOIL WP8, Teagasc |
| 11:25 | Closing Remarks | David Wall, EJP SOIL WP8 Leader, Teagasc |

