

France

# GRA contributions

- IRG co-chair
- Field scale network co-chair (and past C&N modeling cross-cutting group)
- Contribution to CRG and LRG

# Other initiatives

- 4 per 1000 (see Paloma's presentation)
  - INRA hosts research program, test implications of 4 per 1000 aspirational target at global scale
  - National study on implications of the 4 per 1000 target (INRA and ADEME)
- FACCE JPI
  - Several Eranets and the Thematic Annual Program on soils with participation of INRA
- CIRCASA
  - Ambitious goal of an international research consortium on soil carbon sequestration
- European Joint Program on soils
  - INRA may co-coordinate with WUR

# French NDC nested in EU NDC

- Effort sharing decision for non Emission Trade Sectors :
  - larger reduction target by 2030 for France based on GDP per capita

# Implementing the Paris Agreement in the EU

## 2030 Climate and Energy Framework

**$\leq -40\%$  Greenhouse Gas Emissions (domestic)**

**Emission Trading System (ETS)**

**-43 %**

*Including: Power/Energy Sector and Industry, Aviation*

*Max 100 MTC O<sub>2</sub>eq*

**Effort Sharing Regulation**

**-30 %**

**Non-ETS  $\leq -30\%$**

*Including: road transport, buildings, waste, agriculture, Land Use, Land Use Change and Forestry*

*Full flexibility*

*Max 280 MtCO<sub>2</sub>eq*

**New!!**

**Land Use, Land Use Change and Forestry**

**$\leq 0\%$**

**"No-Debit"**

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## EC proposal for a regulation on emission reductions: non ETS sectors

- **30% reduction target for the EU by 2030 in the non-ETS sectors** (agriculture, transports, residential)
- **Effort sharing**, contrasted targets across member states (MS)
- New flexibility to access credits from the land use sector (but limited to 0.2-5.6% of non ETS for different MS),
- Up to 280 million tons CO<sub>2</sub> to be credited from certain land categories over 2021-2030 (ca. 15% of current annual non ETS emissions)  
*These are net credits generated domestically by afforested land, managed grassland, managed cropland. Higher access for members with a large share of agriculture.*
- Interannual fluctuations in emissions is subject to banking, borrowing. MS can buy and sell allocations from and to other MS.
- First review in 2027 (aligned with Paris agreement)

# Common Agricultural Policy

- Commission communication (2017): targets per country, overall supervision by EC
- Moving from on spot checks to an advanced monitoring system (including remote sensing)
- A soil C indicator could be tested over next years, duration of soil cover in arable systems could also be a proxy