

### CHALLENGE

The emergence of intensive ruminant production systems, relying on increasing use of concentrated feeds with food value, and the related increase in land abandonment in traditional grassland regions, has increased scrutiny in respect of the sustainability of EU livestock production.

### OBJECTIVES

The hypothesis is that cattle farming systems which rely mainly on grasslands and agro-industrial resources that are non-edible by humans are more sustainable than systems which use feedstuffs that could also be directly used as food or that was produced at the detriment of food production.

### EXPECTED RESULTS

Actual and potential performances of beef production systems will be compared, mobilizing multidisciplinary and multi-actors approaches to co-define beef system types, and the set of sustainability indicators to be mobilized. The effects of technical innovations, at farm scale on beef farming, territorial and value chain performances and resilience will be assessed.

### POTENTIAL IMPACT

Potential scenarios for the evolution of more sustainable systems, that would be able to convert non-edible feedstuffs into valuable human food under a diversity of beef farming systems representative of a diversity of soil and climate conditions and farm management schemes across Europe, will be evaluated. Suitable incentive measures to enhance their implementation will be tested, and when relevant, proposed.





## EUROPEAN RESEARCH AREA ON SUSTAINABLE ANIMAL PRODUCTION



### SUSTAINBEEF CONSORTIUM

Country	Consortium partners	Funded by
BE	Walloon Agricultural Research Centre Walloon Livestock Association	SPW - Wallonia
FR	Institut National de la Recherche Agronomique Institut de l'Elevage	ANR
DE	University of Bonn	BMEL
IE	Teagasc University College Dublin	DAFM/ Teagasc
IT	Council for Agriculture Research and Economics	MIPAAF



### RUNNING TIME

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