



Multi-functional and multi-species legumes in organic production

**Organic Producer Conference
January 2012
Aston University**



**Legume
Futures**



Legume Futures: An FP7 project

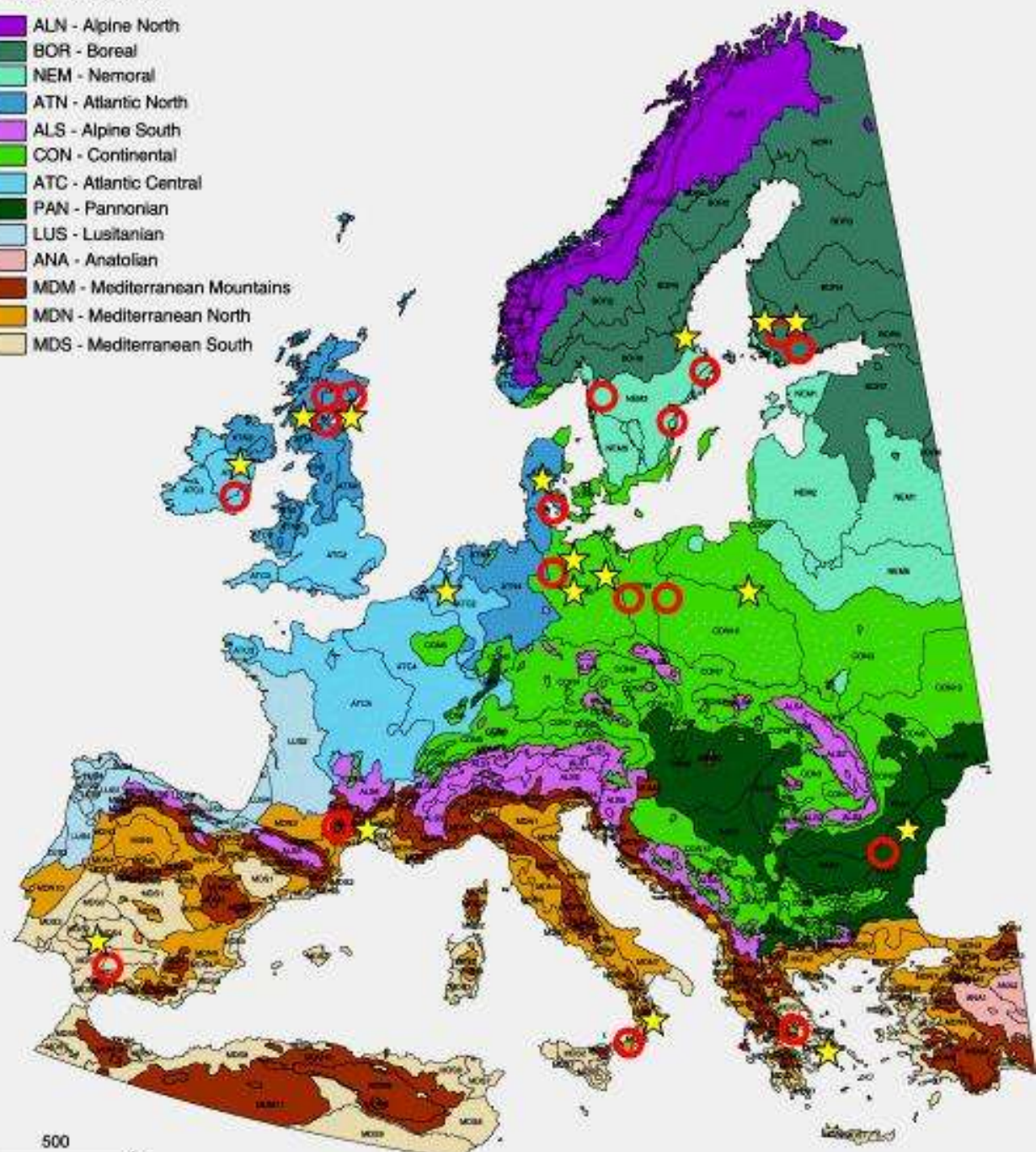
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<http://www.legumefutures.eu/>

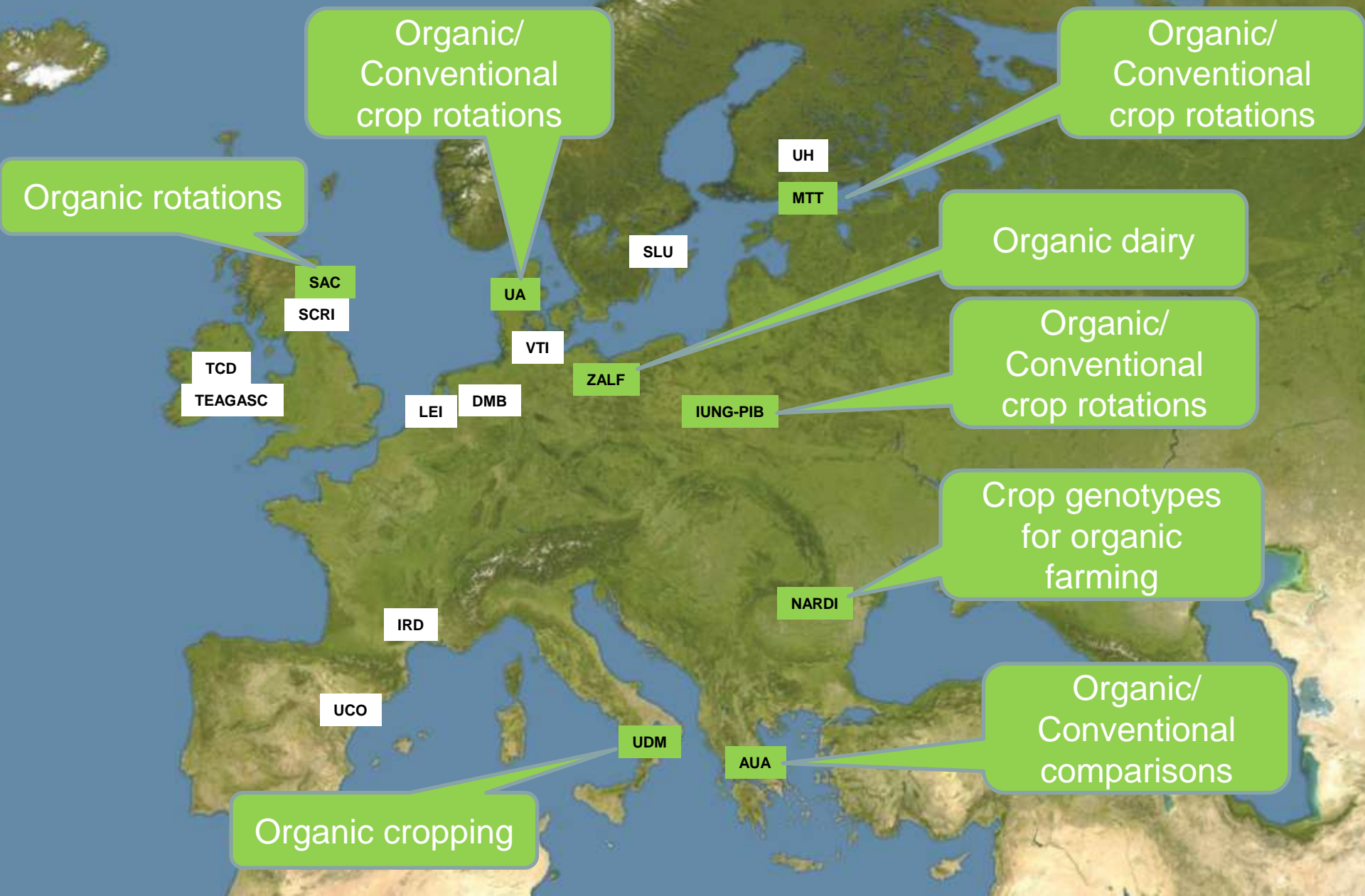
Environmental Zone

- ALN - Alpine North
- BOR - Boreal
- NEM - Nemoral
- ATN - Atlantic North
- ALS - Alpine South
- CON - Continental
- ATC - Atlantic Central
- PAN - Pannonian
- LUS - Lusitanian
- ANA - Anatolian
- MDM - Mediterranean Mountains
- MDN - Mediterranean North
- MDS - Mediterranean South



- 4 year FP7 programme
- 18 partners, 18 sites
- Grain and forage
- Assess the wider role of legumes in farming systems
 - Agronomic, socio-economic & environmental criteria
 - Use of experimental and modelling approaches
- Design novel legume-based cropping systems for Europe

Case studies with organic farming



Organic rotations

Organic/
Conventional
crop rotations

Organic/
Conventional
crop rotations

SAC
SCRI

UA

UH
MTT

SLU

Organic dairy

TCD
TEAGASC

VTI

Organic/
Conventional
crop rotations

ZALF

IUNG-PIB

Crop genotypes
for organic
farming

LEI
DMB

NARDI

Organic/
Conventional
comparisons

IRD

UCO

UDM

AUA

Organic cropping

What will the project deliver?

Promote the sustainable and beneficial use of legumes in European (organic) farming

- web based information centre
- data base from long-term field trials
- local demonstrations (participatory development)
- advice for different agroclimatic regions

Wider assessment of socio-economic and environmental impacts

- scenarios at regional level
- food chain
- non-food uses





Legume
Futures

Get involved in our project at

<http://www.legumefutures.eu/>

- Become an associate member



“Reinforce competitiveness, diversification and sustainability of European agriculture”



give peas a chance