



Agriculture,
Food Security
and Climate Change
ON AGRICULTURAL GREENHOUSE GASES

GLOBAL
RESEARCH
ALLIANCE



AgMIP
The Agricultural
Model Intercomparison
and Improvement Project

MACSUR - Grassland & Livestock

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UR874 È Grassland Ecosystem (INRA-UREP)

Clermont-Ferrand (France)



FACCE JPI pilot action call for
 "The FACCE JPI Knowledge Hub"
 on
 "A detailed climate change risk assessment for
 European
 agriculture and food security, in collaboration
 with international
 projects"

KNOWLEDGE HUB FULL PROPOSAL (Final Version)

Modelling European Agriculture with
 Climate Change for Food Security

(MACSUR)

74 organizations
 from 17
 European
 countries and
 Israel



FACCE-JPI

MACSUR
 Knowledge Hub

Coordination

CropM

LiveM

TradeM

Soussana et al., 2012, Global Change Biology

Rötter et al., 2013, Impacts World 2013 Conference

Kipling et al., 2014, European Grassland Federation 2014

Saetan et al., 2014, Livestock, Climate Change & Food Security



WPO Coordination



WP1
Data
collation
and
animal
models

WP2
Grassland
modelling



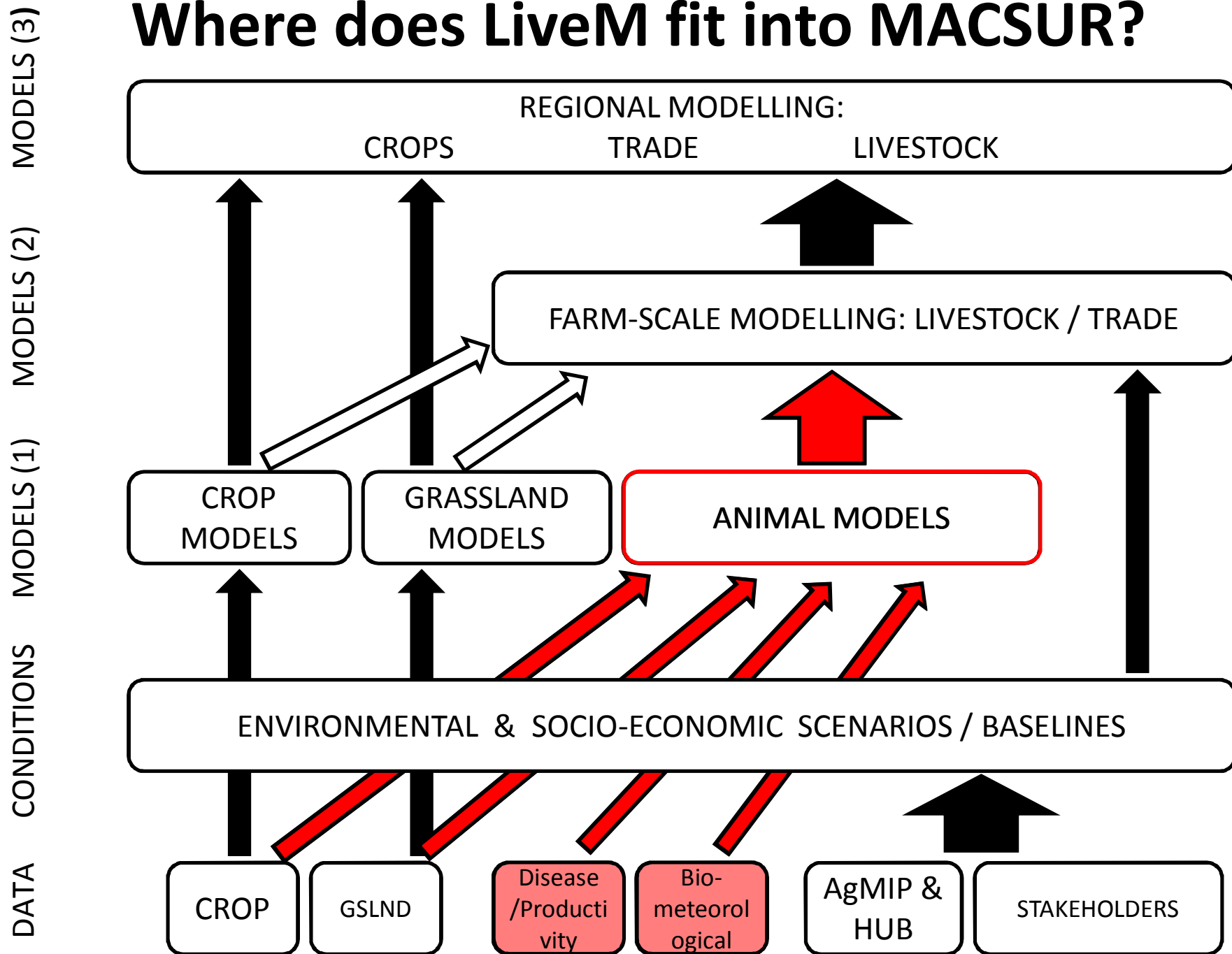
WP3
Farm-
scale
modelling



WP4
Regional
scaling

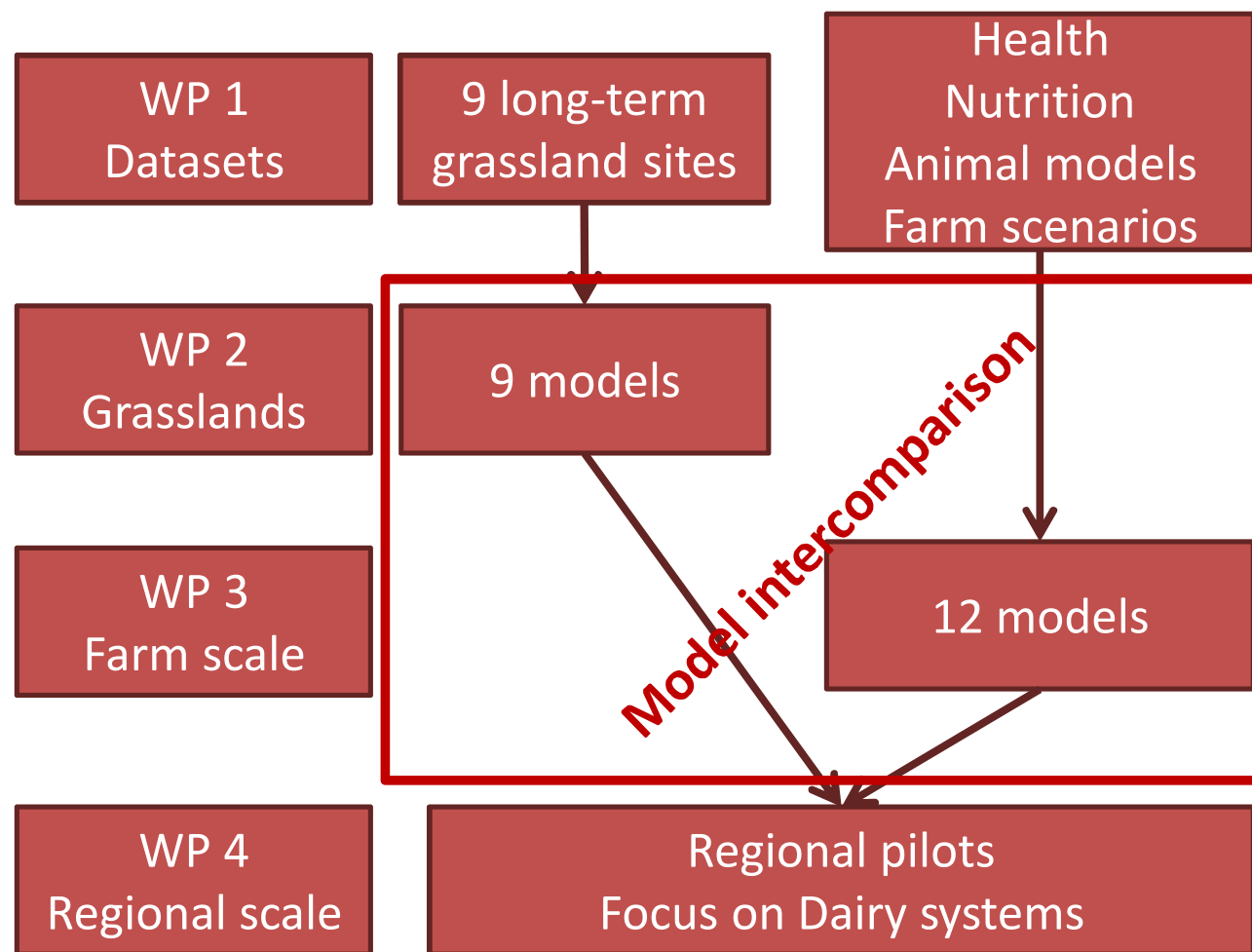


Where does LiveM fit into MACSUR?





What does LiveM do?





MACSUR Mid Term Conference

1st-3rd April, Sassari (Italy)

MACSUR (2012-2015)



Plans for an extension



International Livestock Modelling and Research Colloquium 14-16th October, Bilbao (Spain)

bc³

BASQUE CENTRE
 FOR CLIMATE CHANGE
 Klima Aldaketa Ikergai



WAGENINGEN UR
For quality of life

LIVEM 2014 Bilbao: Calendar



15th of May

PUBLICATION OF WEBSITE

1st June to 15th July

CALL FOR ABSTRACTS

1st July to 14th October

REGISTRATION AND PAYMENT

14th to 16th October

LIVEM COLLOQUIUM