LIFE miCliFEED

LIFE MiCliFeed (LIFE20 CCM/GR/001703)

Mitigating climate impact of small ruminants through innovative feeding approaches

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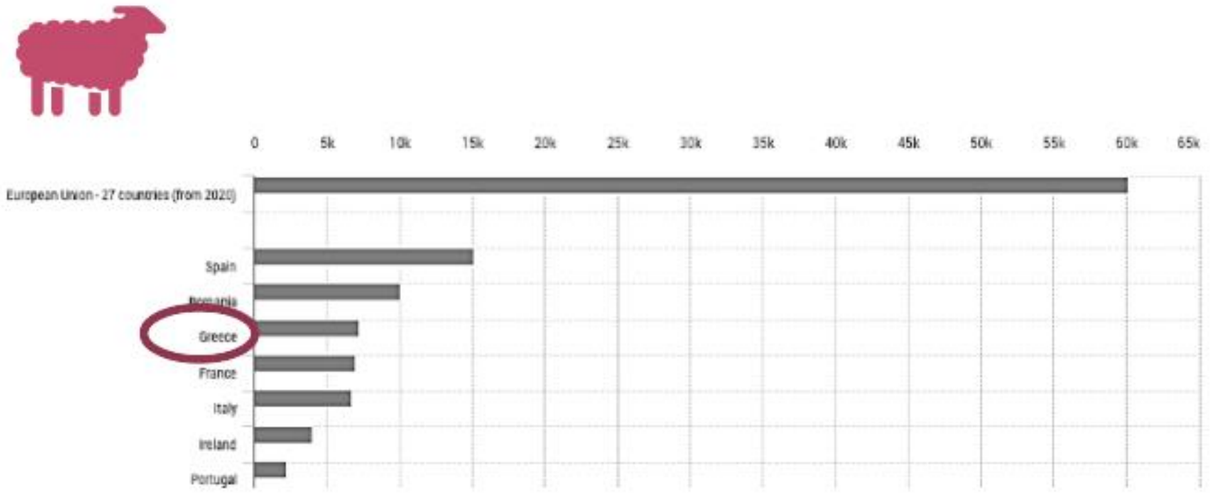
Project Coordinator

The LIFE MiCliFeed (LIFE20 CCM/GR/001703) project is co-funded by the LIFE programme of the European Union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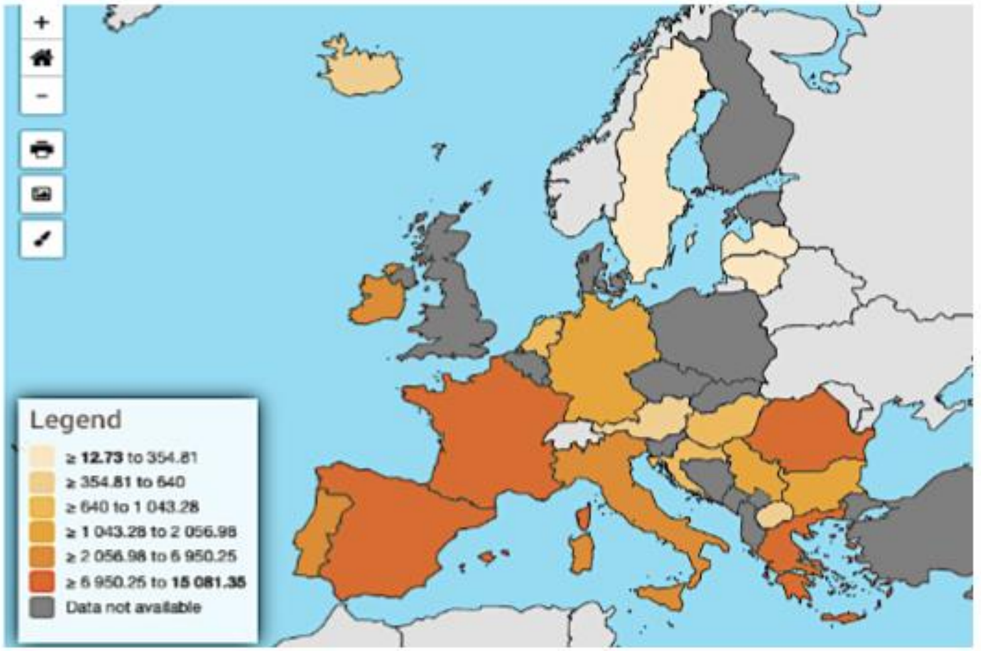
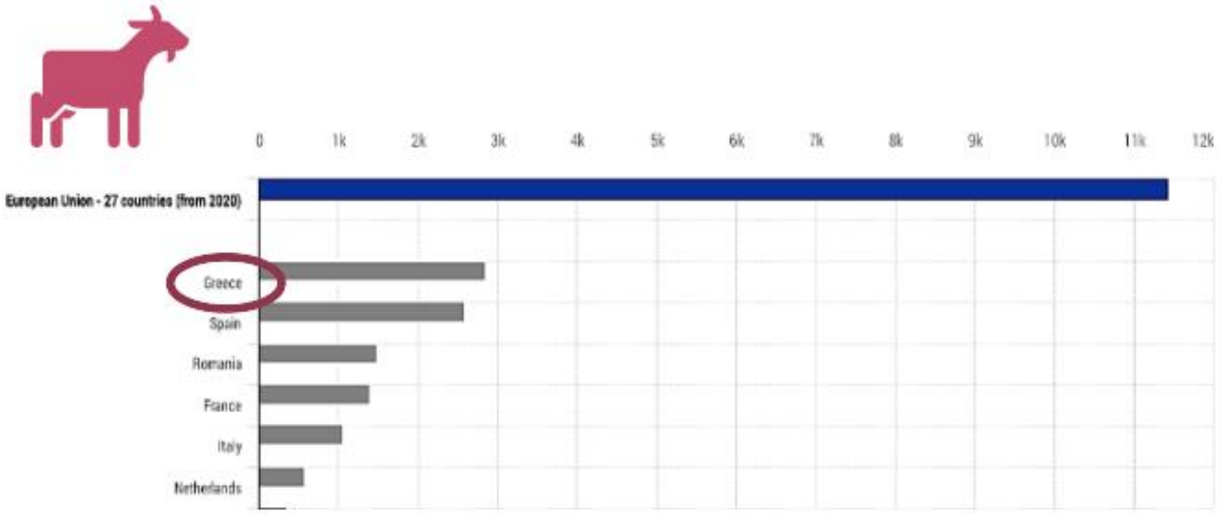
European Union - 27 countries (from 2020)
Spain
Romania
Greece
France
Italy
Ireland
Portugal


Legend
≥ 12.73 to 354.81
≥ 354.81 to 640
≥ 640 to 1 043.28
≥ 1 043.28 to 2 056.98
≥ 2 056.98 to 6 950.25
≥ 6 950.25 to 15 081.35
Data not available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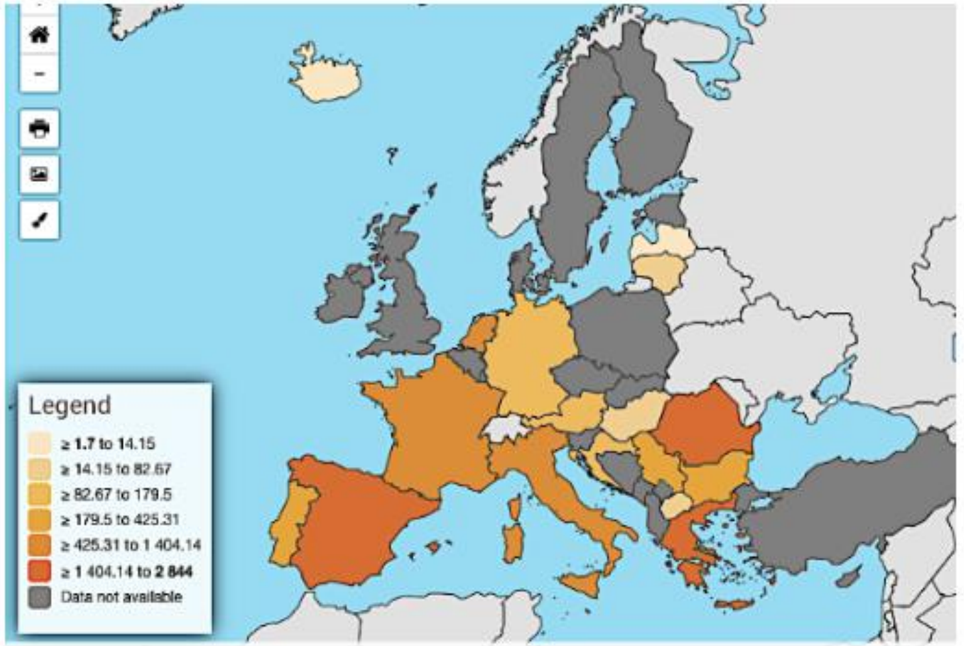
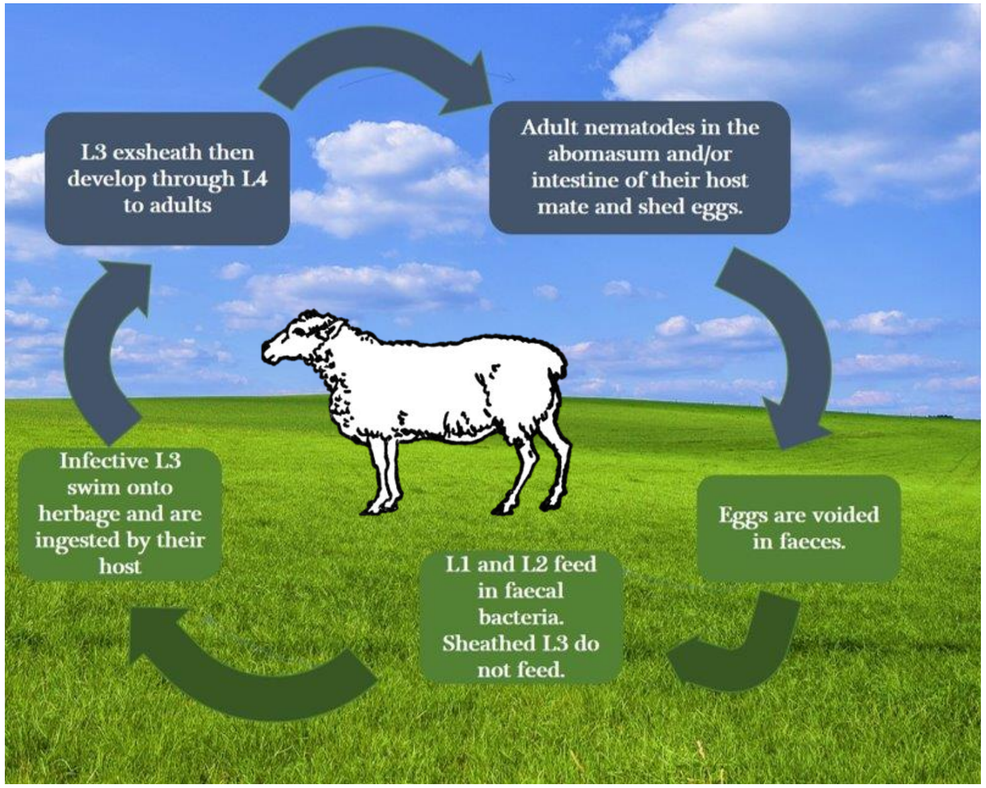
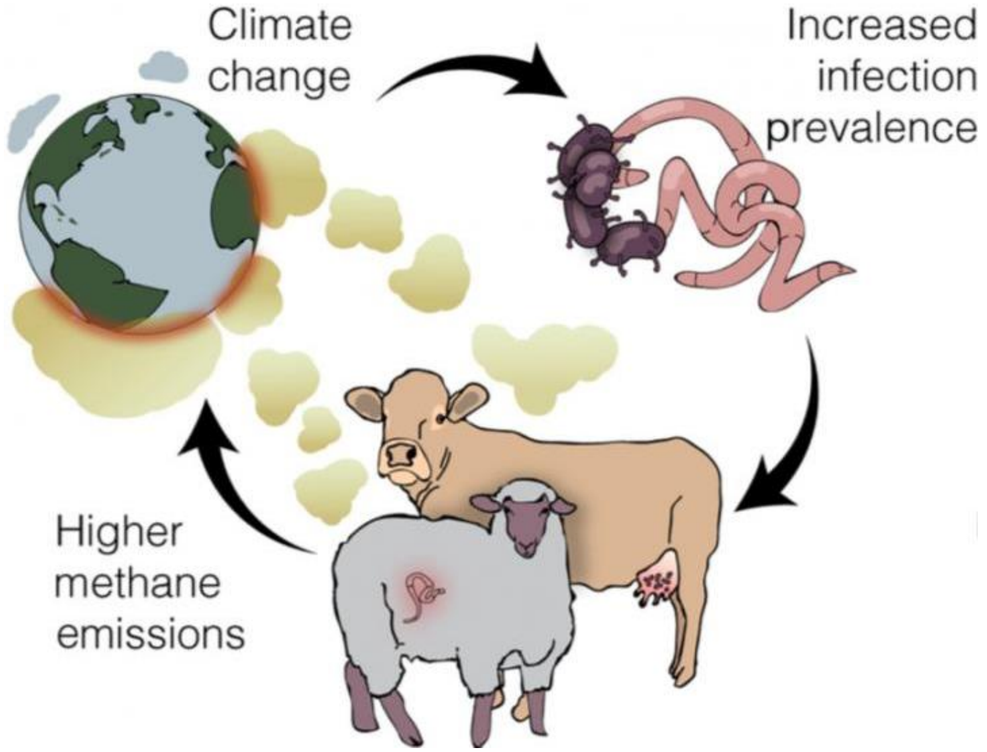
European Union - 27 countries (from 2020)
Greece
Spain
Romania
France
Italy
Netherlands


Legend
≥ 1.7 to 14.15
≥ 14.15 to 82.67
≥ 82.67 to 179.5
≥ 179.5 to 425.31
≥ 425.31 to 1 404.14
≥ 1 404.14 to 2 844
Data not available

production limiting diseases

animals look health however production is low and economic losses for the farmers are sugnificant


L3 exsheath then develop through L4 to adults
Adult nematodes in the abomasum and/or intestine of their host mate and shed eggs.
Infective L3 swim onto herbage and are ingested by their host
Eggs are voided in faeces.
L1 and L2 feed in faecal bacteria. Sheathed L3 do not feed.

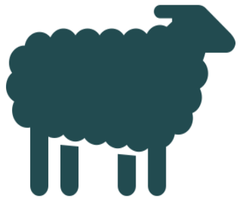

Climate change
Increased infection prevalence
Higher methane emissions

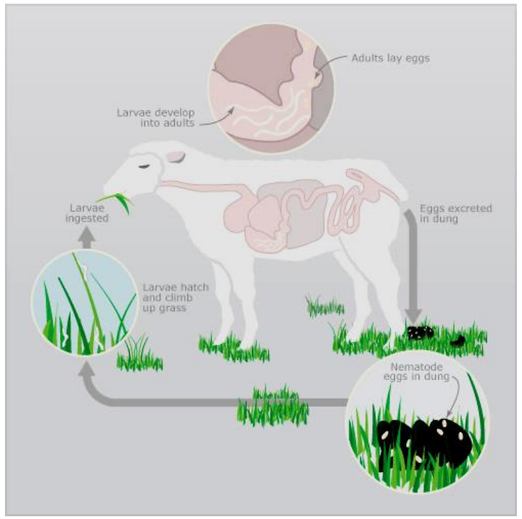
PROJECT'S HIGHLIGHTS

Joint use of innovative tools and technologies to develop solutions for climate change mitigation via

- protecting small ruminants' gut health & improving their productivity

- recycling agro-industrial biowaste & upgrading them to functional animal feed





This will be achieved by producing our “SUPER FEED”

using locally produced agro-industrial waste/by-products containing bioactive compounds beneficial to the gut health

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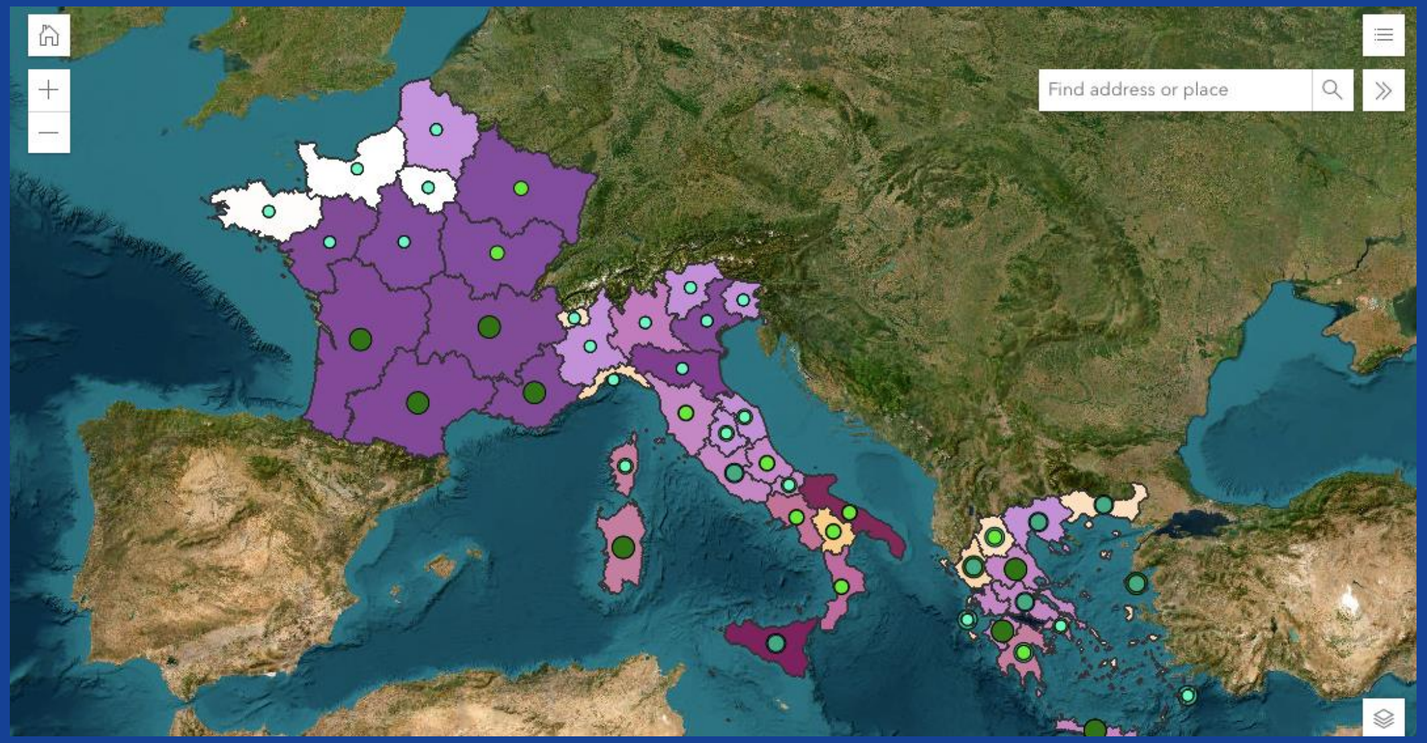
Find address or place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collected by-products

GREECE

grape marc, branched, mixed
olive-oil by products (2-phase , 3 phase)
pommegranate (skin, marcs)

ITALY
citrus, grapes, pomegranate, hazelnut, olives, tomatoes and carob

FRANCE
carob, grapes, olives, citrus, hazelnuts

outcome

- ✗ Development of holistic management systems for sheep and goat farms
- ✗ Creation of innovative "functional feeds" enriched with bioactive ingredients from plants of the Mediterranean flora
- ✗ Use of feed to be produced in traditional farming systems for small ruminants
- ✗ Reduced use of medicines (low input systems)
- ✗ Minimization of chemical residues of medicines in foodstuffs
- ✗ Contributing to feed sufficiency using indigenous sources (reduction of feed miles)
- ✗ Reduced environmental footprint
- ✗ Production of safe and high quality animal products
- ✗ Valorisation of sources considered as residues (circular economy)

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Thank you for your attention

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