

# Understanding microbiomes of the ruminant holobiont

EU H2020 – 5 years

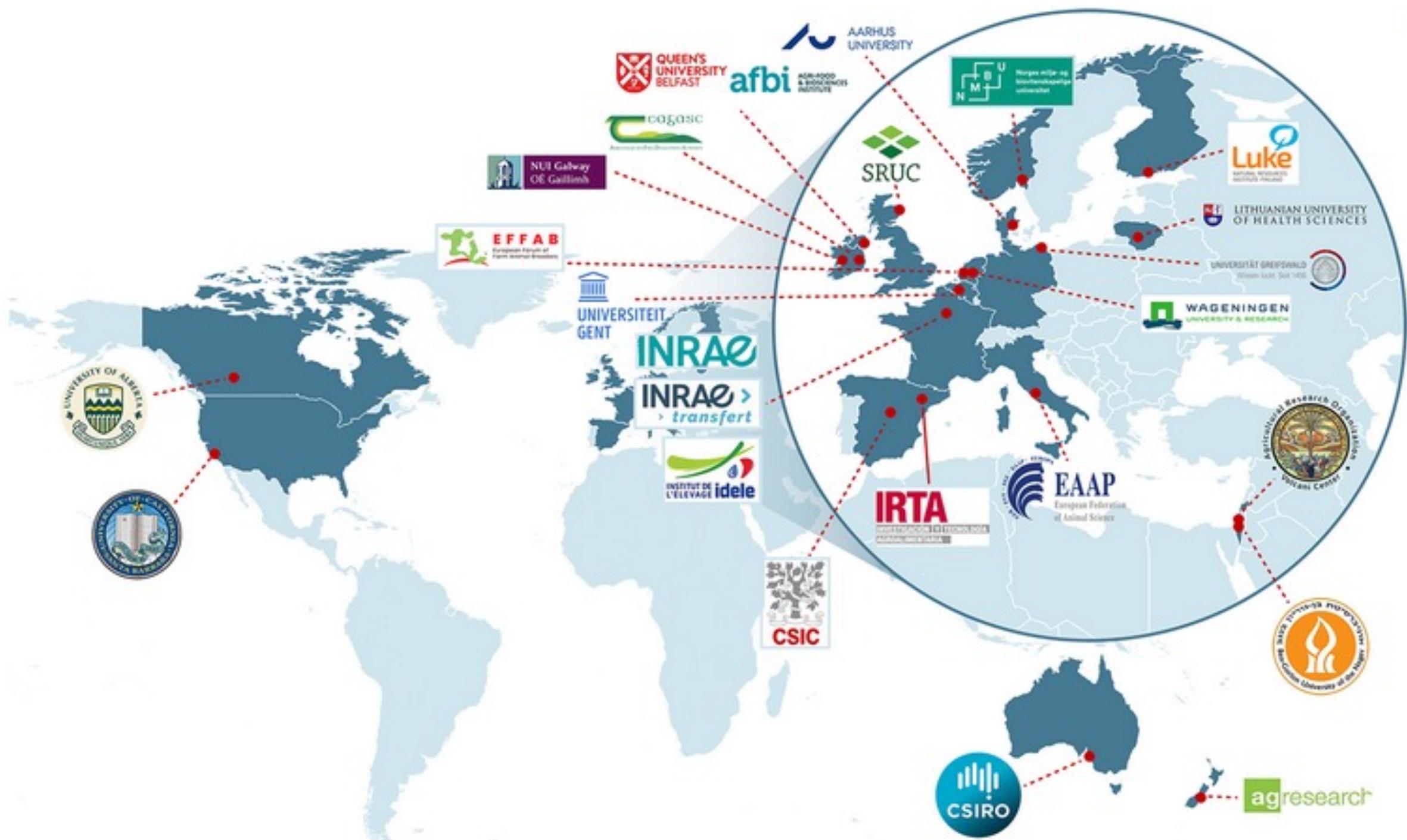


25 partners  
17 countries

4 WP biological sciences

1 WP social sciences

1 WP communication, dissemination of results



# HoloRuminant Goal



To elucidate the role of ruminant-associated microbiomes and their interplay with the host animal in early life and throughout fundamental life events

- Characterise the establishment and dynamics of microbiomes
- Determine the connectivity between microbiomes from different body sites,
- their heritability and
- their influence on the host's key performance indices (KPIs)





Characterise  
ruminant-associated  
microbiomes

1

Define microbiome  
establishment and  
maintenance

2

Evaluate the  
effect of ruminant  
microbiomes on  
animal production,  
health and  
welfare

3

Facilitate the  
adoption of  
the proposed  
innovations by  
end-users

4

