

2-3.12.2025

Rome

EU FOOD SAFETY FORUM

Supporting the Food Safety Systems
of the future

2-3.12.2025

Rome



www.foodsafetyplatform.eu

in



FHERITALE - FOOD, HEALTH AND ENVIRONMENT RESEARCH INFRASTRUCTURES TO TACKLE EMERGING PRIORITIES

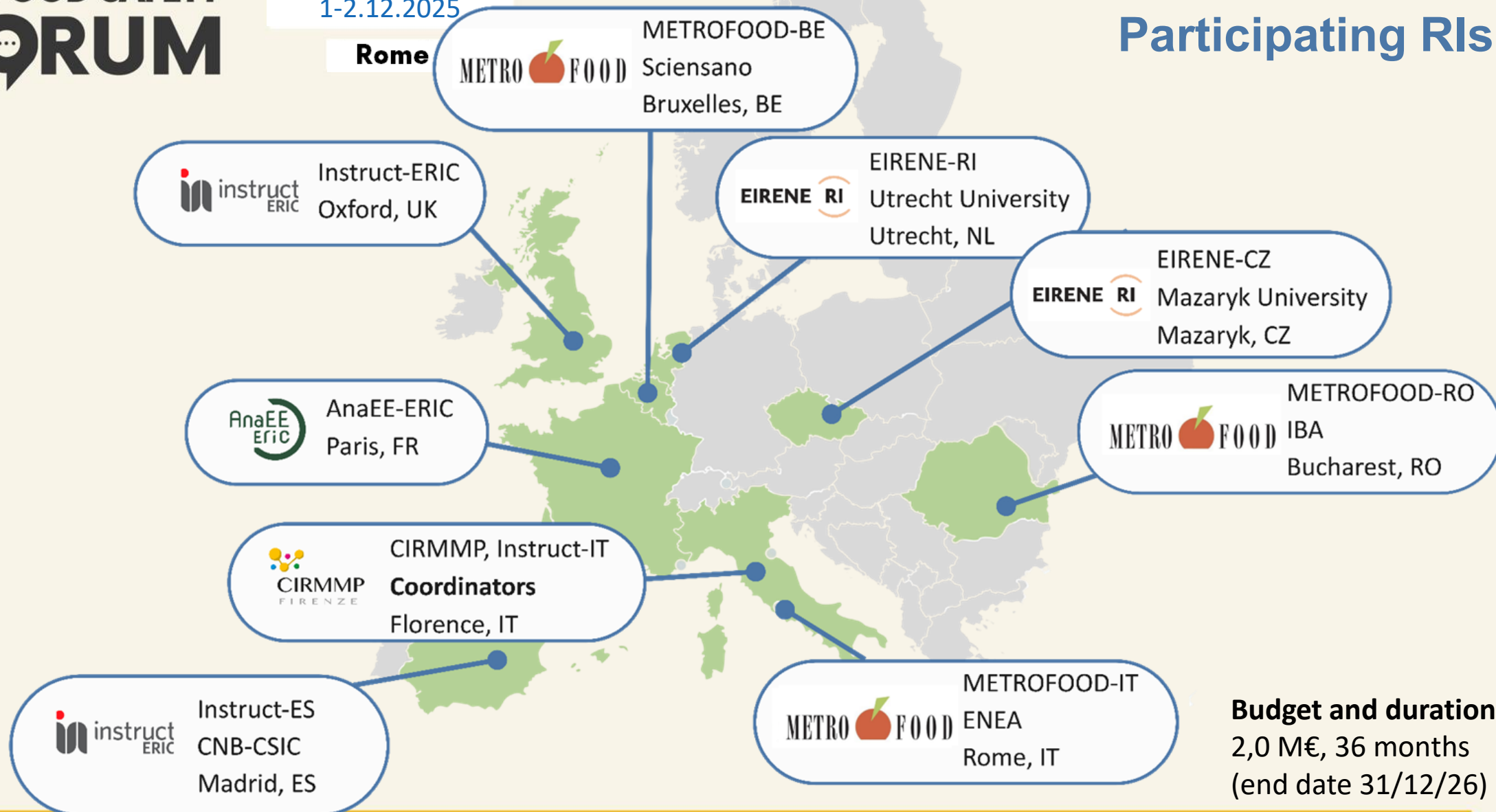
Antonio Rosato, antonio.rosato@unifi.it



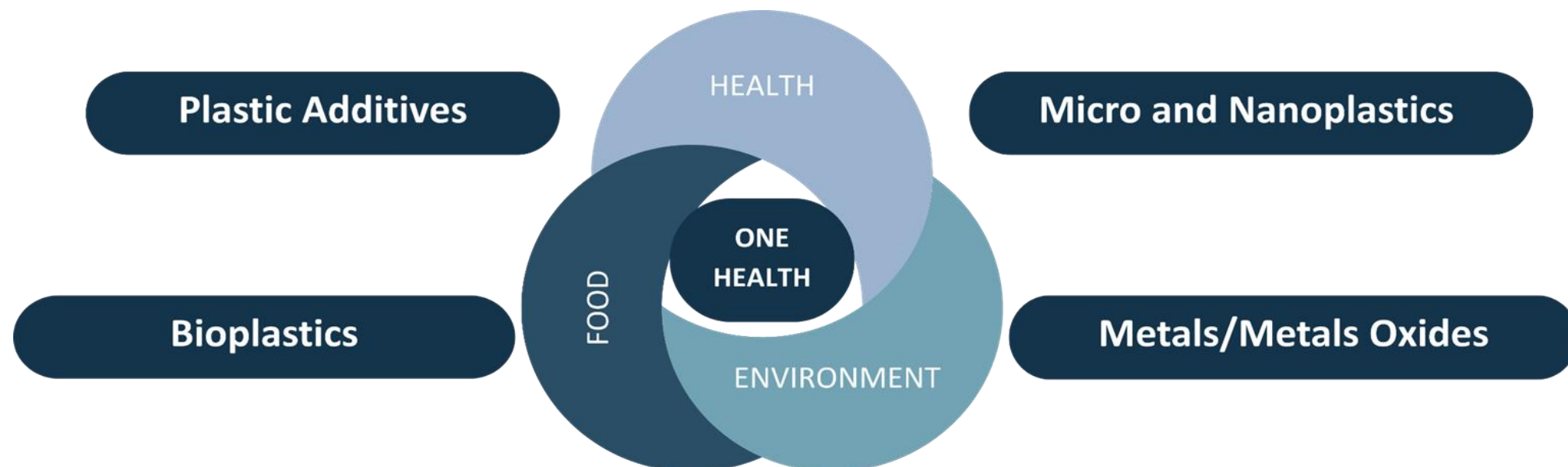
1-2.12.2025

Rome

Participating RIs



Budget and duration
2,0 M€, 36 months
(end date 31/12/26)



In collaboration with external experts, we identified the above scientific priorities for FHERITALE and developed a survey aimed at researchers in the field to know more about their service and technological needs

FHERITALE main goals



Map available services



Make strategies for increasing service capacity



Identify the service gaps and technological needs



Promote interdisciplinary research with a “One Health” approach




























































Provide the European scientific community with easily accessible services at a single entry point

Possibilities for Cooperation

- Identification of scientific gaps for the investigation of the interaction between micro-/nano-plastics and food, and its impact on health
- Contribution to policy briefs to highlight current bottlenecks in research and corresponding service provision at the EU level
- Collaborative development of novel technologies and services that can be useful to the broad community

Cross thematic landscape of Research Infrastructures



Service Type	Number of available services in this category	Research Infrastructures offering this service							
Physical/chemical characterisation of Microplastics or other Microparticles	37								
Physical/chemical characterisation of Nanoplastics or other Nanoparticles	31								
Physical/chemical characterisation of Micro/Nanoparticles based on origin: Artificial, Natural, or Engineered	20								
Structural characterisation of Microplastics + other microparticles	27								
Structural characterisation of Nanoplastics + other Nanoparticles	22								
Bioplastics (biodegradable vs bio-based)	17								
Risk assessment of Micro/Nano particles	14								
Exposure assessment of Micro/Nano particles	18								
Toxicity of Micro/Nano particles	24								
Biological activity of Micro/Nano particles	24								
Monitoring of Micro/Nano particles	20								

Thank you!
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