

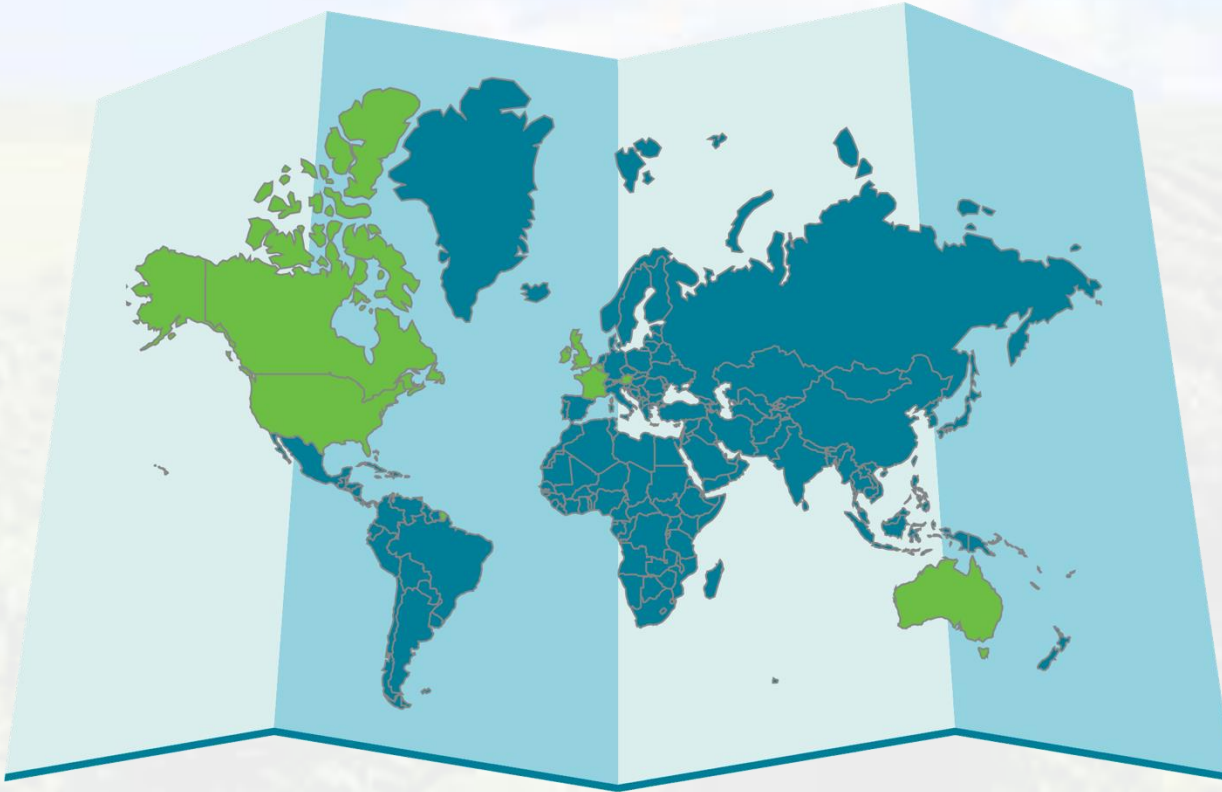


Phytobiomes: A New Vision for Agriculture

Name

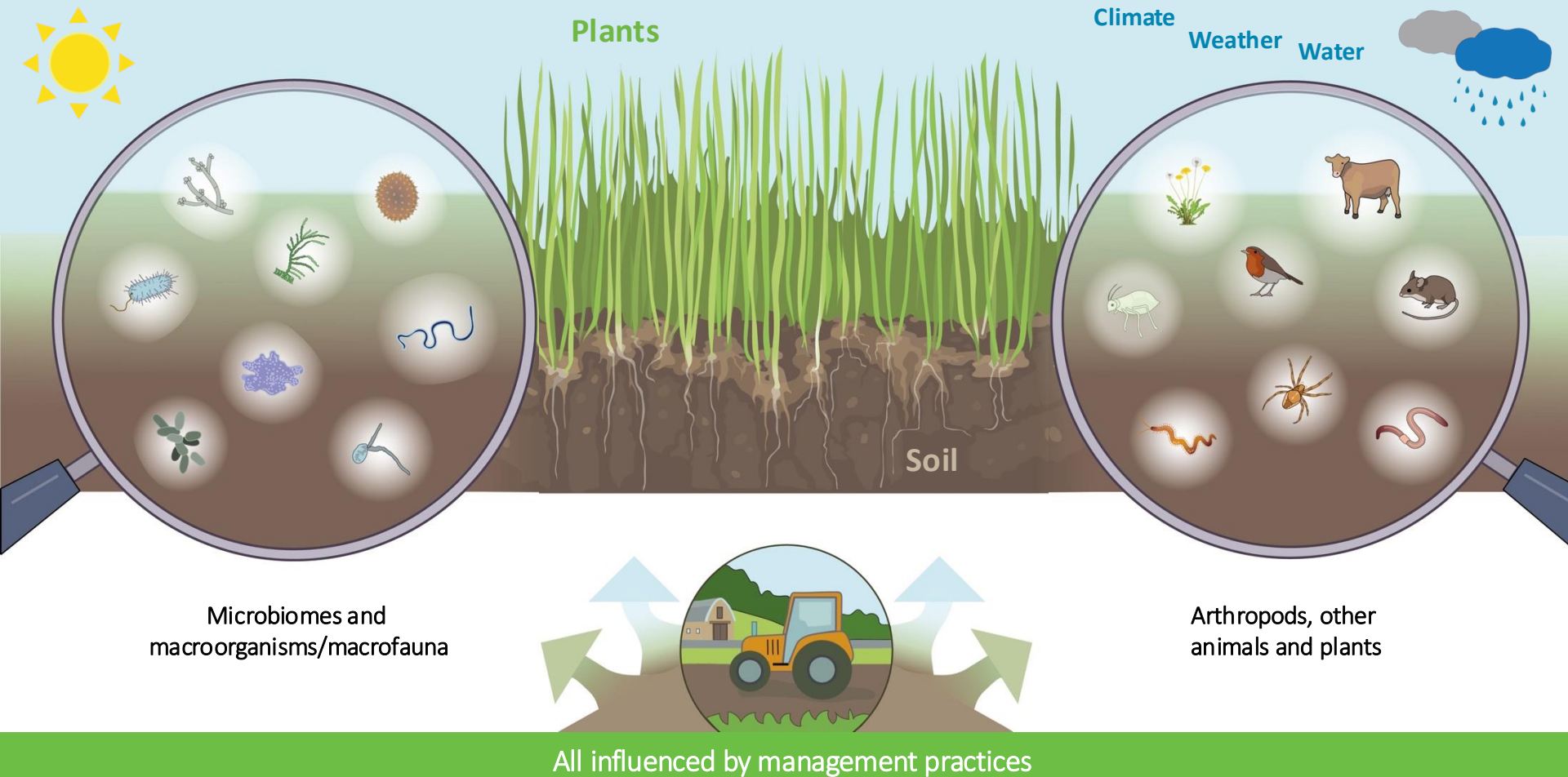
Date

Conference & City Country



- Nonprofit, precompetitive research consortium
- Industry, Academia, and Government
- 8 countries
- Coordinating a paradigm shift in agricultural research and production

Phylobiomes: Complex Systems of Plant-based Agriculture



Examples of Phytobiomes



Crop Field



Pasture



Vegetable Garden



Forest



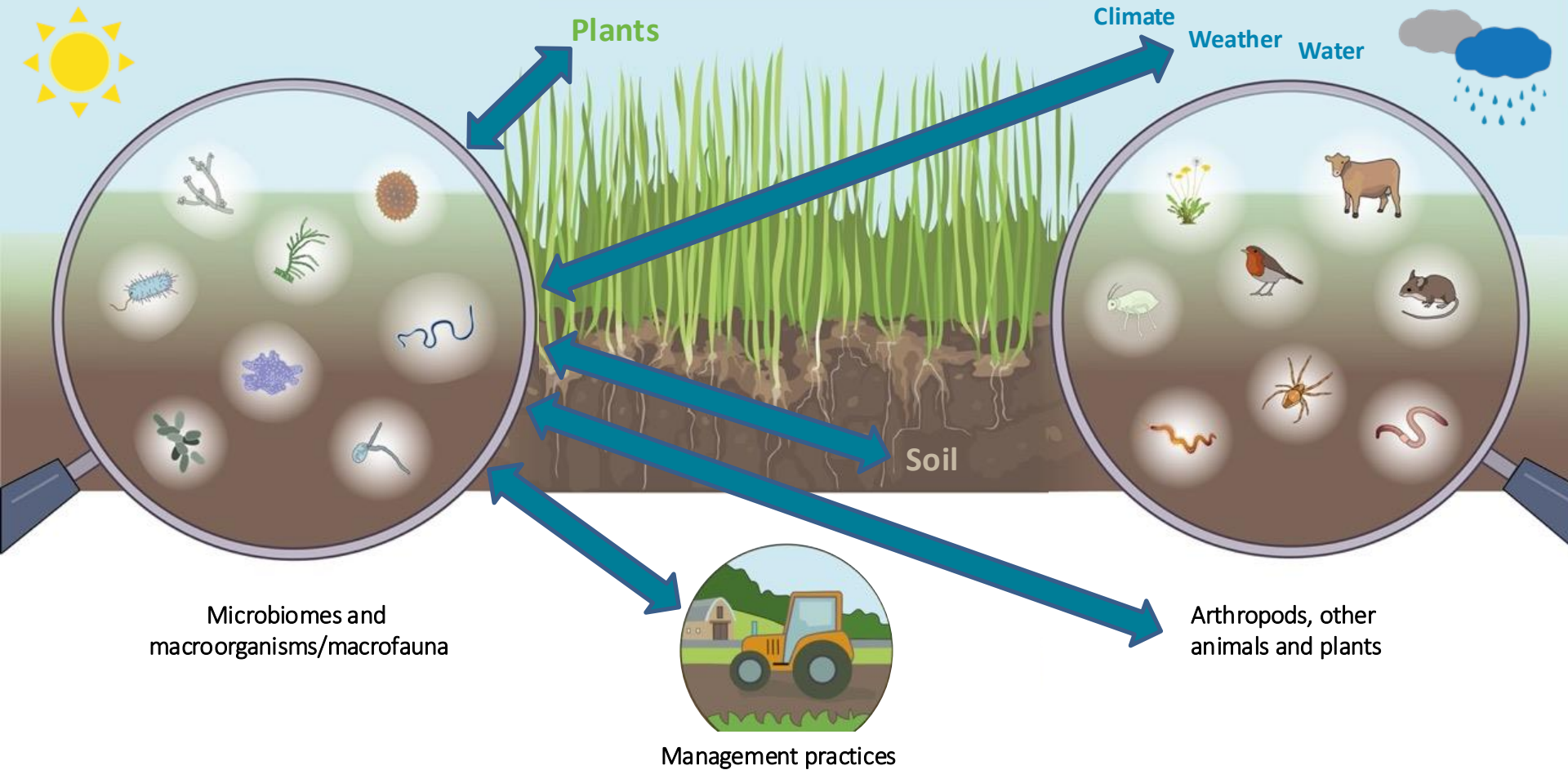
Vertical Farm

Holy Grail for Phytobiomics



To understand, predict, and control emergent phenotypes within specific phytobiomes for the sustainable production of food, feed, and fiber.

Phylobiomes: Major Research Gaps



Research Priorities



Phyto biome-knowledge generation



Standards and protocols



Regulatory framework



Data generation & management



Multi-disciplinary capacity building



Precision/digital Ag integration

Major Efforts



Projects that Link Components Within the Entire Phylobiomes Network



Sequence-based Classification System for Microbes



Microbiome Standards – International Microbiome & Multi'omics Standards Alliance



Facilitate Regulatory Compliance



Coordination of Microbial Collections and Networks: Public & Private



Establish Linkages with Human and Animal Health & Nutrition

Lead and coordinate efforts on specific topics



Microbiomes



Regulatory



Animal Microbiomes

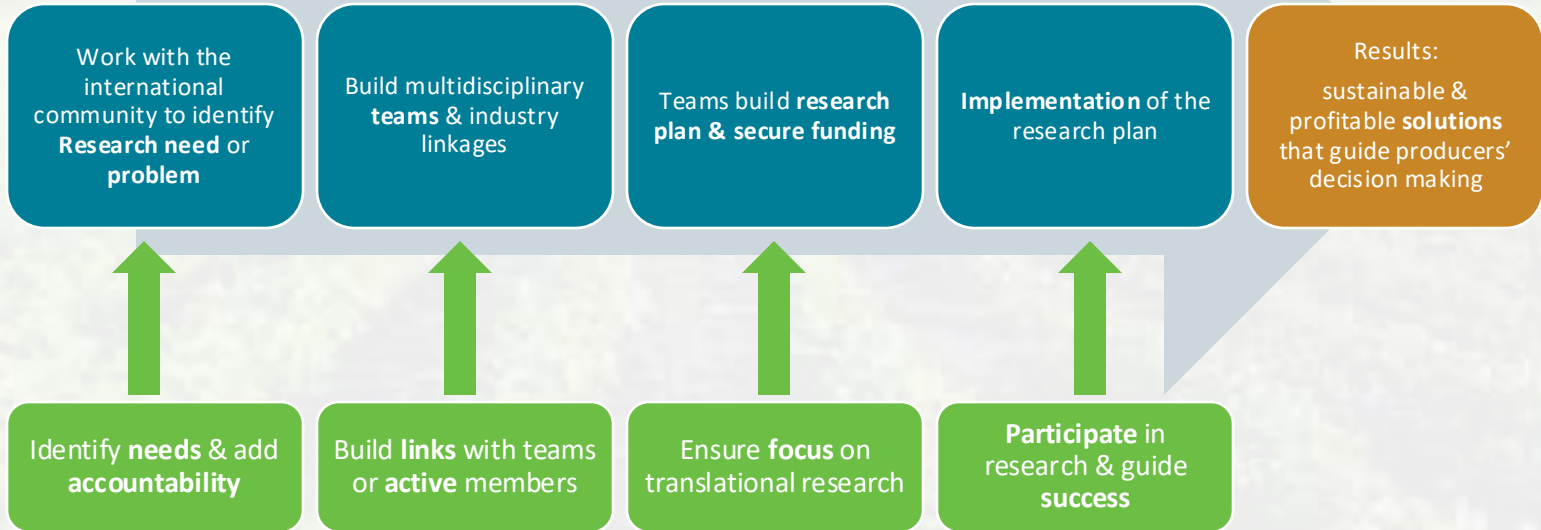


Controlled Environment Agriculture



Soil Health

Translating Research Outcomes into Results



Industry Sponsor Participation



Phytophosphorescence Alliance Sponsors





Alliance Staff: Get in Touch with Us



Isabelle Caugant
Communications Director
caugant@eversoleassociates.com



Ying Sun
Webinar and Conference Logistics Coordinator
sun@eversoleassociates.com



Lori Leach
Chief Operations Officer
leach@eversoleassociates.com



Kellye Eversole
Scientific Advisor
eversole@eversoleassociates.com



Joshua Stein
Project Manager
stein@eversoleassociates.com



Dusti Gallagher
Executive Director
gallagher@eversoleassociates.com



www.phytobiomesalliance.org



internationalphytobiomesalliance
@phytobiomes



Thank you for listening

www.phytobiomesalliance.org



@phytobiomes



internationalphytobiomesalliance

