



**STAR
IDAZ**

International
Research
Consortium on
Animal Health

April 2026

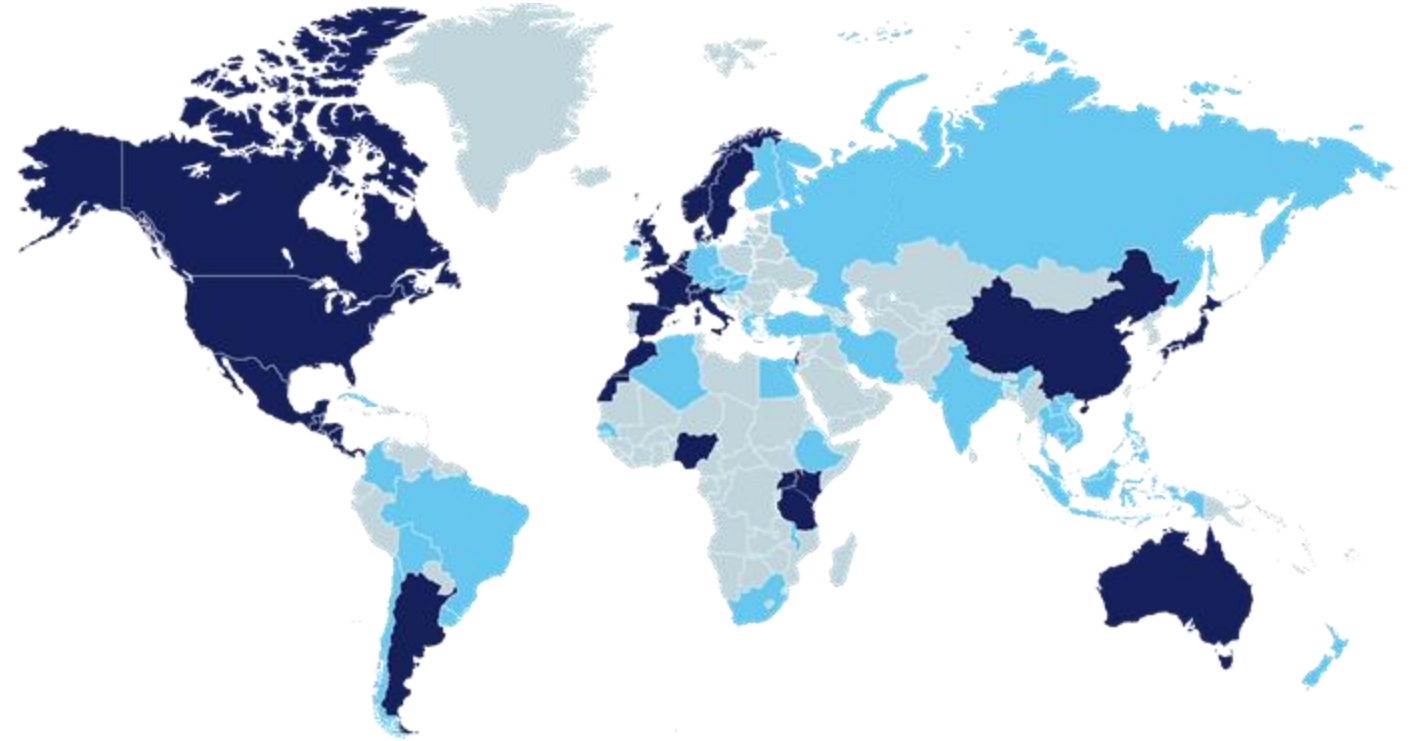
Updates on STAR IDAZ IRC

*DISCONTTOOLS PMB Meeting, Tallin
Valeria Mariano
v.mariano@woah.org*



STAR IDAZ IRC

Global **S**trategic **A**lliances for the Coordination of **R**esearch on the Major **I**nfectious **D**iseases of **A**nimals and **Z**oonoses



The **only global platform** coordinating research funders and programme owners to **prioritise, align, and accelerate** animal health R&D where it matters most.

36
PARTNER ORGANISATIONS

+\$2.5B
RESEARCH INVESTMENT

4
REGIONAL NETWORKS

55+
ASSOCIATED COUNTRIES

STAR IDAZ turns fragmented R&D efforts into coordinated, impact-oriented investments.



Objectives and deliverables

The overall objective of STAR IDAZ IRC is to **coordinate research at international level to accelerate the delivery of new tools and improved animal health strategies**

STAR IDAZ enables research prioritisation and coordination



Avoid duplication:

Maximize resources by reducing redundant efforts



Enhance impact:

Align policy priorities and global health research priorities



Improve data sharing:

Encourage sharing of information and better decision making



Optimise funding:

Support strategic investment in critical areas to drive impactful change



Foster collaboration:

Accelerate faster discoveries

What STAR IDAZ delivers



Identify the gaps

Research gap analysis and workshops for priority setting



Science-driven roadmaps

Expert-led roadmaps guide where research investment delivers the most impact



State-of-the-Art reports

Reports on currently funded research, networks and recent knowledge available on STAR IDAZ priorities



Mobilise the community

Structured information exchange across partners, WOA, ILRI and Regional Network Members to mobilise targeted research

What this enables

✓ Avoid duplication

✓ Align investments

✓ Accelerate delivery of disease control tools

✓ Strengthen One Health impact

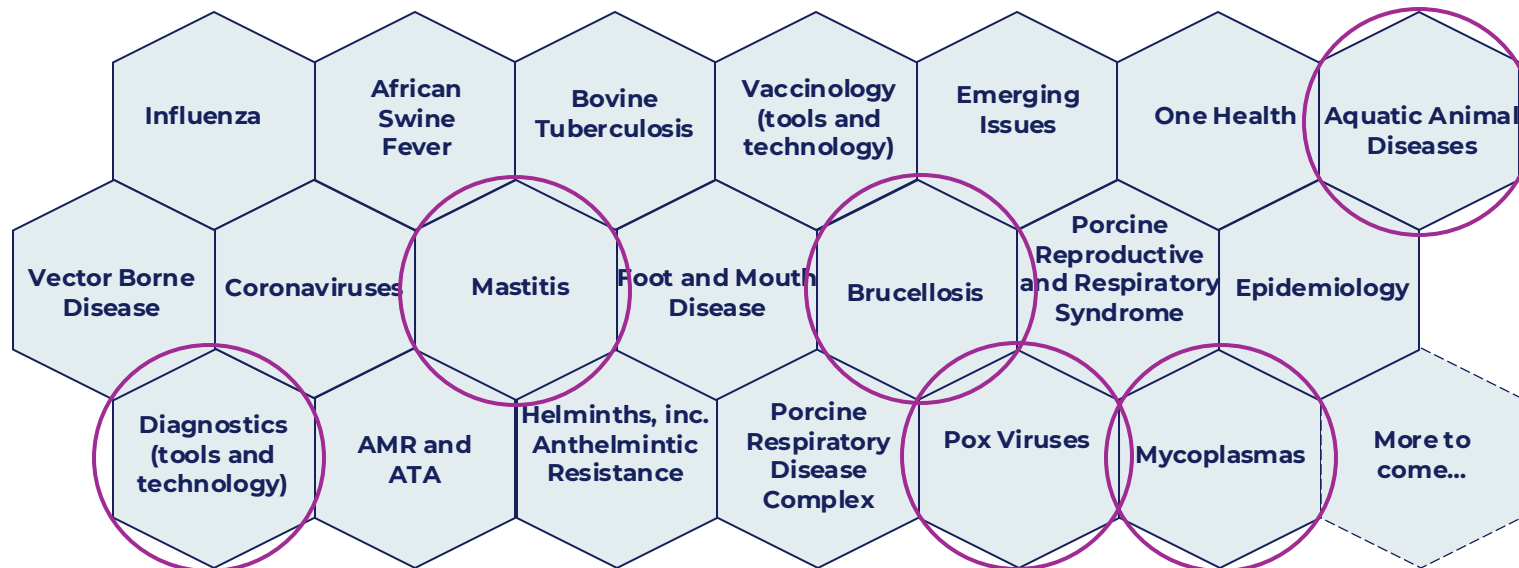
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Working Group Updates

Working Groups

Established based on **Priority Topics** on which IRC Partners have agreed to coordinate research

- Supported by member(s) of STAR IDAZ Scientific Committee
- Engage global scientific experts



Aquatic Animal Diseases

Activity updates

- Global aquaculture consultation + expert survey conducted in collaboration with WOAHA
- Several sponsors including DISCONTTOOLS
- Research needs collected across finfish, crustaceans, molluscs, amphibians

Results available

- Global consultation reports soon published
 - crustaceans, molluscs, amphibians
- +3 Reports available on highest research priorities for Finfish

What next

- Thematic coordination meeting (ExCo April 2026)
- Translate priorities into funded programmes
- Strengthen global coordination across funders



Mastitis

Activity updates

- 2024 workshop (Ghent) on bridging research gaps
- Collaboration with DISCONTTOOLS
- Focus on diagnostics, vaccines, antibiotic alternatives

Results available

Report with identified key bottlenecks:

- Pathogen variability limiting vaccines
- Need for field-ready diagnostics
- Limited validation of alternatives (phage, synbiotics)

What next

- Develop Mastitis Vaccine Roadmap
- Align diagnostics–vaccines–AMR strategies
- Promote interdisciplinary collaboration + targeted funding



Brucellosis

Activity updates

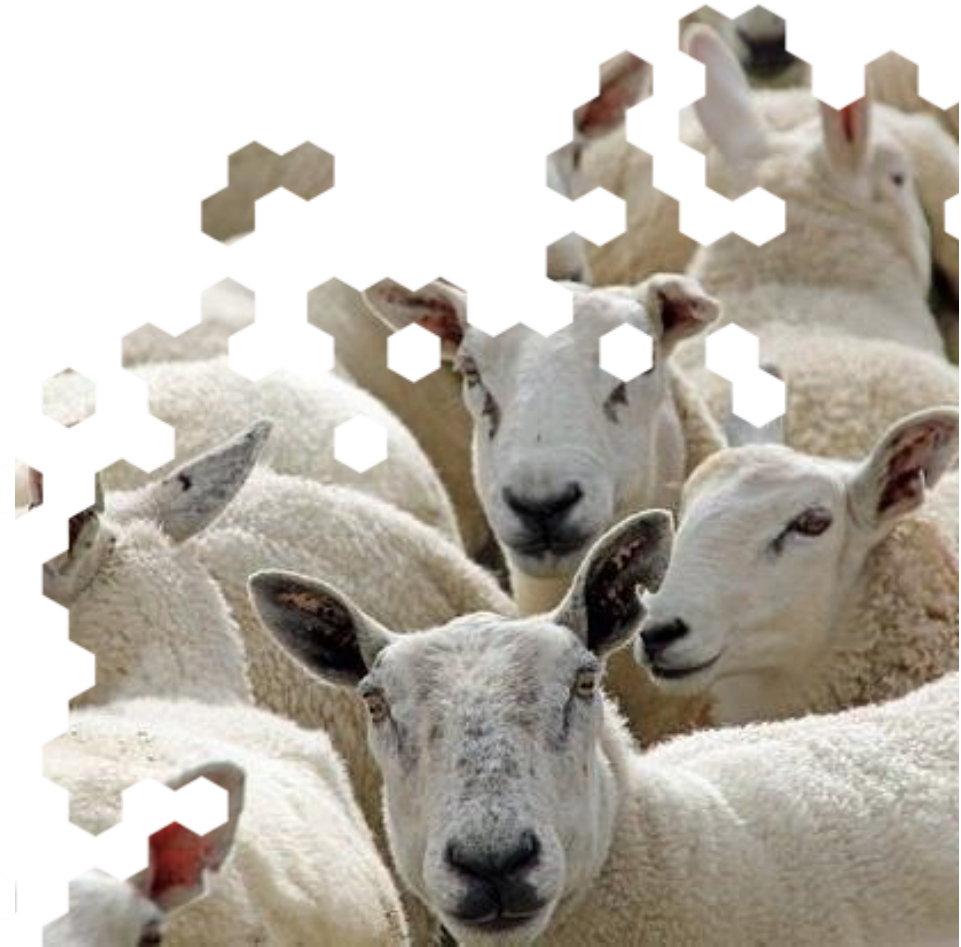
- 2025 workshop (Costa Rica) linked to international conference
- Integrated perspectives from DISCONTTOOLS gap analysis, the STAR IDAZ Roadmap (2018), and the GALVmed Brucella Vaccine Prize
- Broad global expert participation

Results available

- Report available on vaccine research gaps

What next

- Update Brucellosis Vaccine Roadmap
- Integrate outputs into STAR IDAZ priorities



Poxviruses

Activity updates

- Agreed Structured process (2026–2027):
 - Scope definition: Capripoxviruses
 - Literature review
 - Workshops
 - Roadmap publication
- Commissioned literature review (2020–2026 evidence base)
- Building on DISCONTTOOLS Reports from 2018 and 2026

What next

- Conduct global gap analysis workshops (Q3 2026)
- Deliver 3 research roadmaps (diagnostics, vaccines, control strategies)
- Disseminate to funders and partners



Diagnostics

Activity updates

- WG scoping discussions on diagnostic tools and technologies
- Concept note workshop building on available results

Reports available

- Published diagnostic article (DISCOSTAR - BMC Vet Res): "Diagnostic gap analysis in animal health through combining public databases", integrating data from DISCONTTOOLS, Diagnostics for Animals and WAHIS.
- Report survey 2023' Gaps and Opportunities in Animal Health Diagnostics: A STAR IDAZ Survey Report'

What next

- Gap analysis workshop (Q4 2026/Q1 2027)



Mycoplasmas, specifically CBPP

Activity updates

- Workshops (2023–2024) completed
- First full vaccine roadmap developed

Results available

- CBPP vaccine roadmap validated by SC
- Foundational framework for other diseases

What next

- Roadmap uploaded on website
- Conduct prioritisation exercise
- Assess scalability to other Mycoplasma diseases






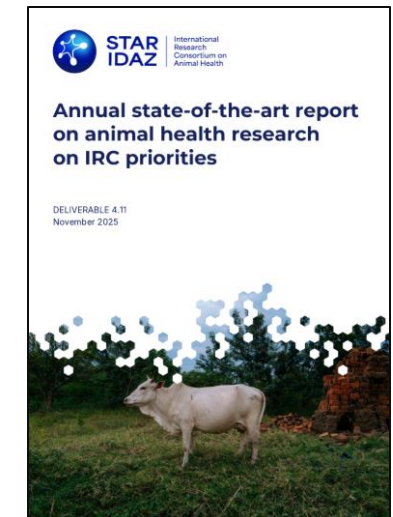
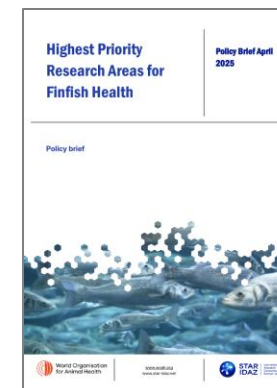
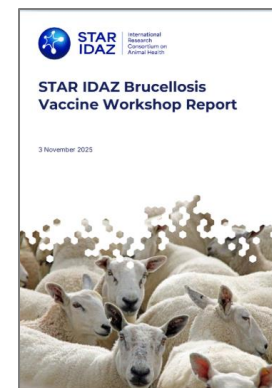
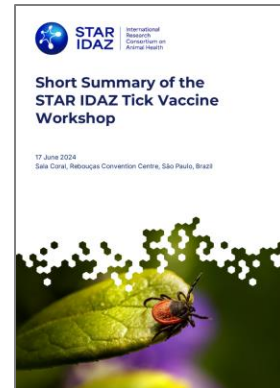
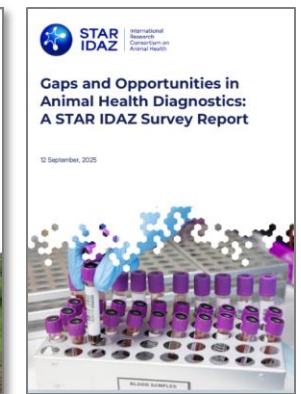
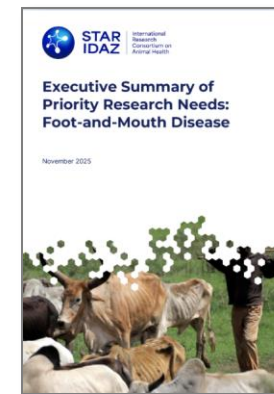
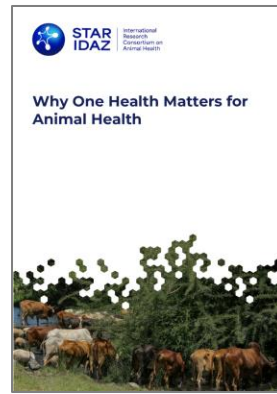
STAR IDAZ Outputs (April 2025 – April 2026)

Ten documents have been published on the **STAR IDAZ website** since the last year.

A range of document-types have been produced, including **workshop reports**, executive summaries of **research gaps**, and **policy briefs**.

Priority Topic areas covered include:

-  Diagnostics
-  One Health
-  Vector Transmission & Control
-  Foot-and-Mouth Disease
-  Aquaculture
-  Brucellosis



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Forthcoming

STAR IDAZ Outputs

Forthcoming

Reports

1. Report: Aquaculture Health Research Survey- Molluscs Section
2. Report: Aquaculture Health Research Survey- Crustaceans Section
3. Report: Aquaculture Health Research Survey- Amphibians Section
4. CBPP research roadmaps
5. Research review on Capripoxviruses

Workshops

1. Gap-analysis workshop on Poxviruses
2. Animal Health & Climate Change workshop
3. Helminth Roadmap update workshop
4. Diagnostic research gap-analysis workshop

STAR IDAZ Innovation academy series

Objective: Strengthen innovation stewardship and close the gap between early stage research and industry uptake



The banner features the STAR IDAZ logo and the IDRC-CRDI logo at the top. The main title is 'Innovation Academy'. Below it, the topic is 'Funding Innovation to Advance Animal Health Priorities in Africa and Globally'. The date and time are '28 May 2026 | 16:00-17:00 EAT (15:00-16:00 CET)'. A location pin icon is next to the text 'ONLINE WEBINAR'. On the right, there is a circular portrait of Armando Heriazon, with his name and affiliation 'International Development Research Center' below it. At the bottom left, there is a logo for 'Funded by the European Union'. At the bottom right, there is a button that says 'Free Online Webinar'.

Next meetings

Date: Tuesday 5-8 May 2026

Location: Ottawa, Canada

Proposed weekly programme:

- **Tuesday 5 May:** Scientific Committee meeting (*SC members only*)
- **Wednesday 6 May:** Executive Committee meeting (*Open: ExC, SC, and invited observers*)
- **Thursday 7 May:** Executive Committee meeting (**Morning Open: All**; *Afternoon Closed: ExCo members only*)
- **Friday 8 May:** Meeting of the Americas Regional Network

Thank you to International Development Research Center (IDRC)



IDRC · CRDI



Translating identified priorities into actions

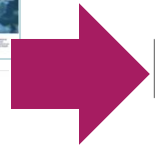
- Outputs encourage a focused effort on priority research gaps and facilitate programme alignment between funders
- Coordinating research at the international level to contribute faster delivery of new and improved animal health strategies

Forthcoming STAR IDAZ thematic coordination meeting – May 2026

Aquatic diseases

Vaccinology

Vector Borne Diseases



DTU Technical University of Denmark, anses, SVA, ONSSA, Biotechnology and Biological Sciences Research Council, GALVmed, CSIC, LVRI, INRAE, Ministerio de Ciencia, Tecnología e Innovación Argentina, USDA ARS, CFIA-ACIA, INTA Instituto Nacional de Tecnología Agropecuaria, Ministerio della Salute, NARO National Agriculture and Food Research Organization, Department for Environment Food & Rural Affairs, Ministry of Agriculture, Nature and Food Quality of the Netherlands, ILRI, ICGAR, zoetis, World Organisation for Animal Health, Health for Animals, USDA NIFA, KALRO, Gates Foundation, European Commission, IDRC, Veterinærinstituttet, CSIRO, DIAGNOSTICS FOR ANIMALS, NARO



Second External Call of EUPAHW LAUNCH
26 January 2026

Revolutionising aquaculture: bold new projects in south-east Asia



7 March 2025
UKRI launches £12 million initiative to enhance sustainable aquaculture in south-east Asia, addressing climate change, food security and community resilience.

Subscribe to UKRI emails
Keep up to date with funding, news and events, and a weekly newsletter.
[Subscribe](#)



Thank you for your attention

For more information on STAR IDAZ IRC, how to become an IRC partner or join the regional networks:

 www.star-idaz.net

 www.linkedin.com/company/star-idaz-irc/

 [Twitter.com/StarIdaz](https://twitter.com/StarIdaz)

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Vaccinology

Activity updates

- Engaged with IVVN (landscape workshop, Sept 2025)
- Engaged with WOAHA-led work on vaccine prioritisation for AMR reduction
- Discussion on development of generic TPP template

What next

- Develop and harmonise TPPs across diseases
- Publish STAR IDAZ position paper on TPP/PoC/PoP
- Explore new funding mechanisms (focus on LMIC neglected diseases)
- Explore how to strengthen regulatory and product development pathways
- Thematic coordination meeting (April 2026)



Helminths

Activity updates

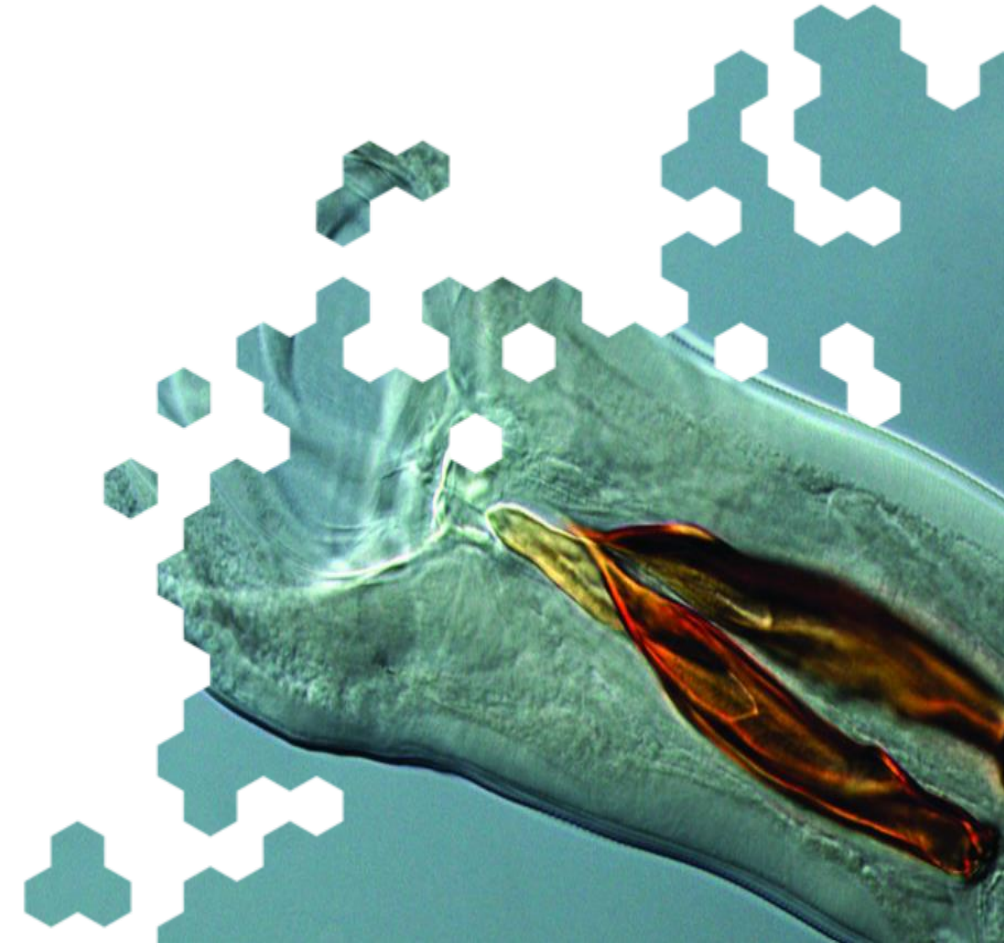
- Roadmap update process launched
- Expert groups formed (Diagnostics, Vaccines, Therapeutics, Control)
- Collaboration with COST Action ENVIRANT

Results available

- Initial prioritisation discussions (LiHRA meeting 2025)
- Identification of innovation pipelines and policy needs

What next

- Integrate global research projects (Africa, Asia)
- WG meeting (Q3 2026)
- Publish updated roadmaps + summary (Q1 2027)



Climate Change and Animal Health workshop

Activity updates

- Regional initiative (Africa & Middle East) launched
- Survey planned (aligned with CWG survey) + workshop (Sept/Oct 2026)

What next

- Define scope (vector-borne, emergence, prevalence) with small Scientific Steering Committee
- Strengthen global/regional coordination
 - Plans to link with EU CWG initiative

