



STAR-IDAZ
International Research
Consortium on Animal Health

Improving research collaboration and coordination on animal health: STAR-IDAZ IRC

OIE, 29 May 2019



Animal disease is a **Global Problem**

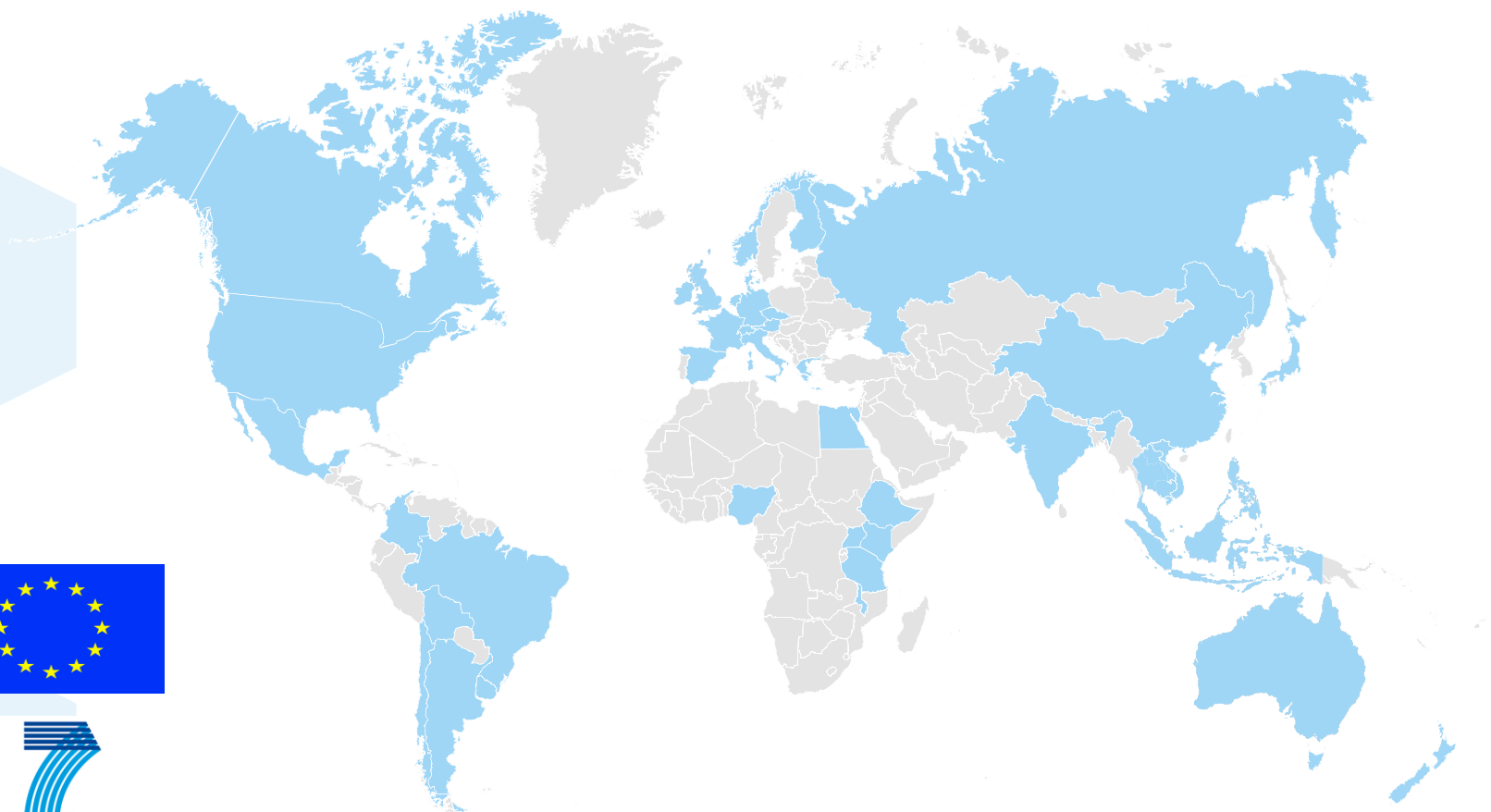




Transboundary but also
Endemic Disease

- 
- **Significant financial losses**
 - **Antimicrobial Resistance (AMR)**
 - **Greenhouse Gas Emissions**

Need to
Work together





STAR-IDAZ

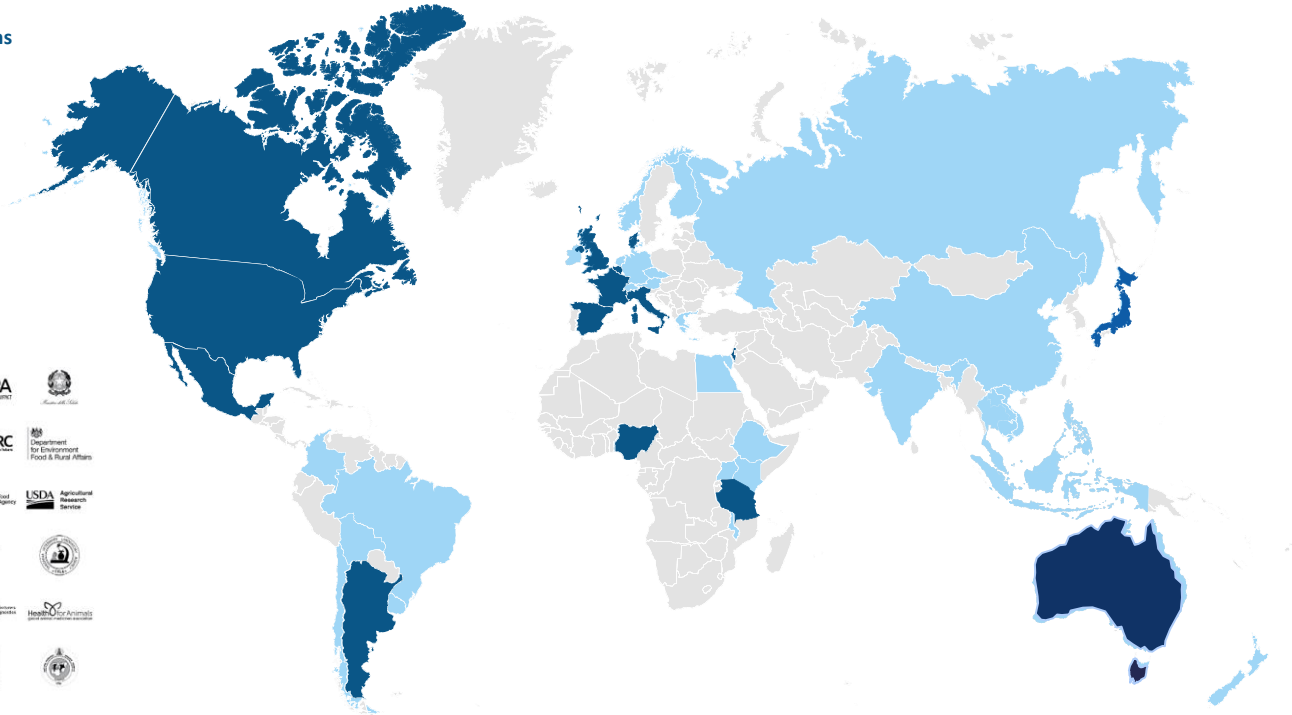
International Research
Consortium on Animal Health

26 Partner
organizations

16 Member
countries

50 Associated
countries

\$2.5B Research
investment





IRC Executive Committee

SIRCAH
(Secretariat)

**SCIENTIFIC
COMMITTEE**



**WORKING
GROUPS**



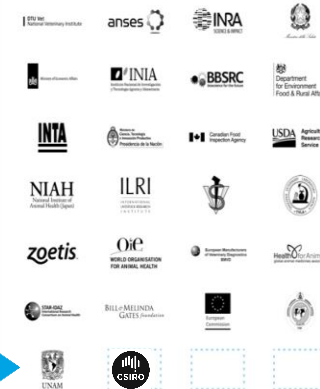
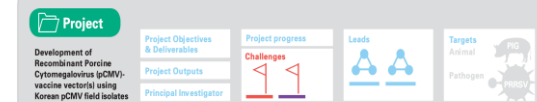
**RESEARCH
COMMUNITY**



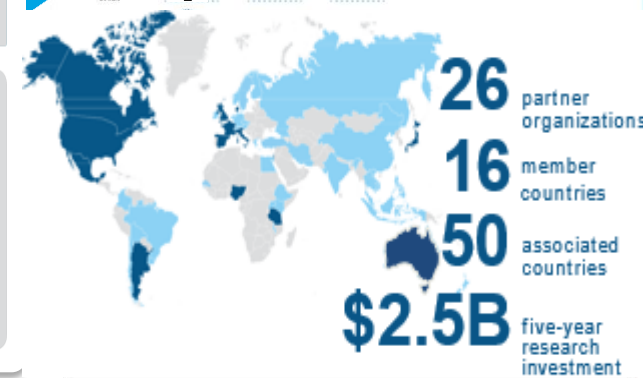
ROADMAPS



PROJECTS



FUNDERS



IRC Objectives and Deliverables



The overall objective of STAR-IDAZ IRC is to coordinate research at international level to contribute to new and improved animal health strategies for at least 30 priority diseases/infections/issues

The deliverables include:

- Candidate vaccines
- Diagnostics
- Therapeutics
- Other animal health products and procedures
- Key scientific information/tools to support risk analysis and disease control

Candidate vaccine development Roadmap



Lead Summaries



Title:

Research Question

What are we trying to achieve and why? What is the problem we are trying to solve?

Challenge(s)

What are the scientific and technological challenges (knowledge gaps needing to be addressed)?

Solution Routes

What approaches could/should be taken to address the research question?

Dependencies

What else needs to be done before we can solve this need?

State of the Art

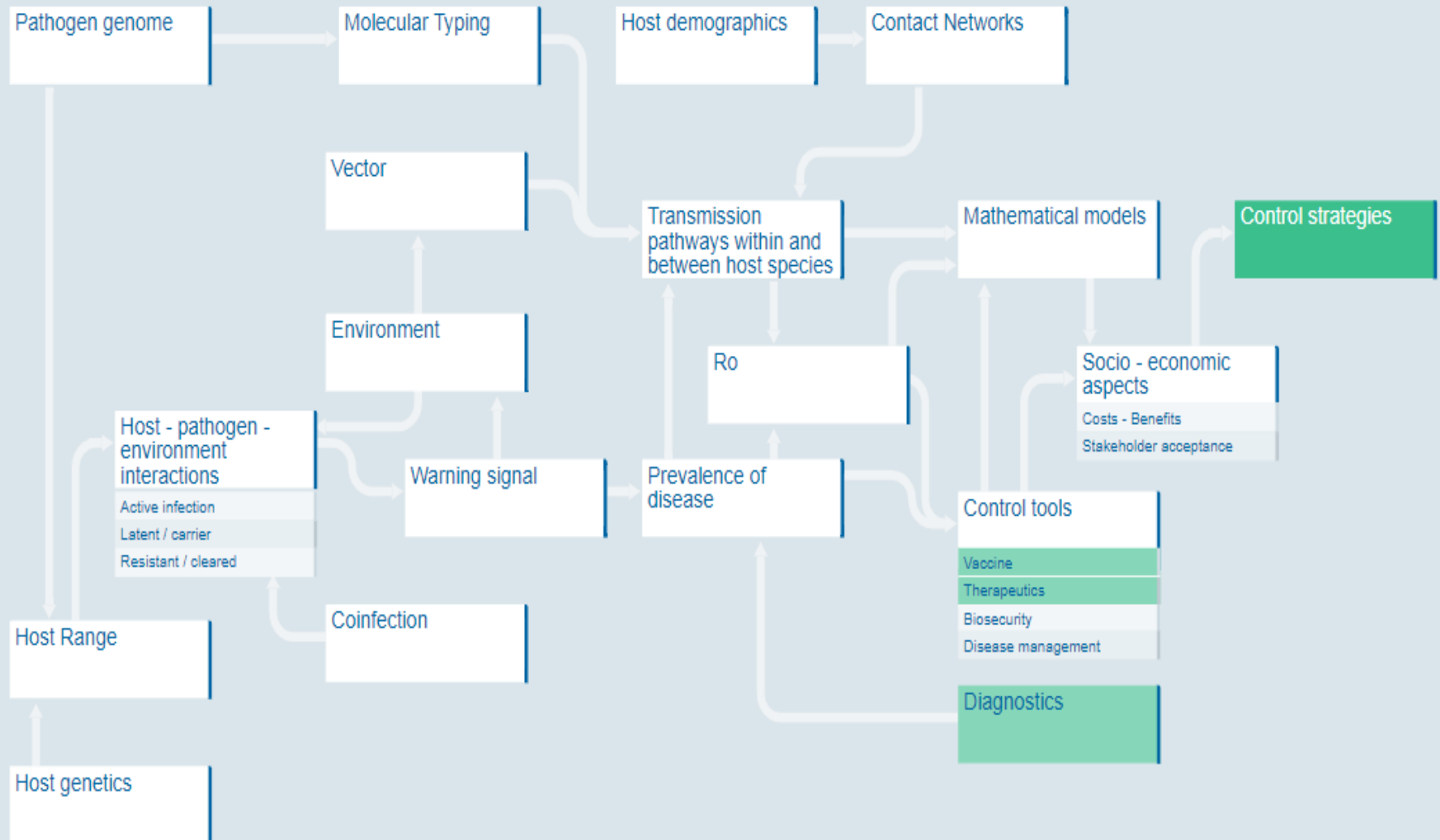
Existing knowledge including successes and failures

Projects

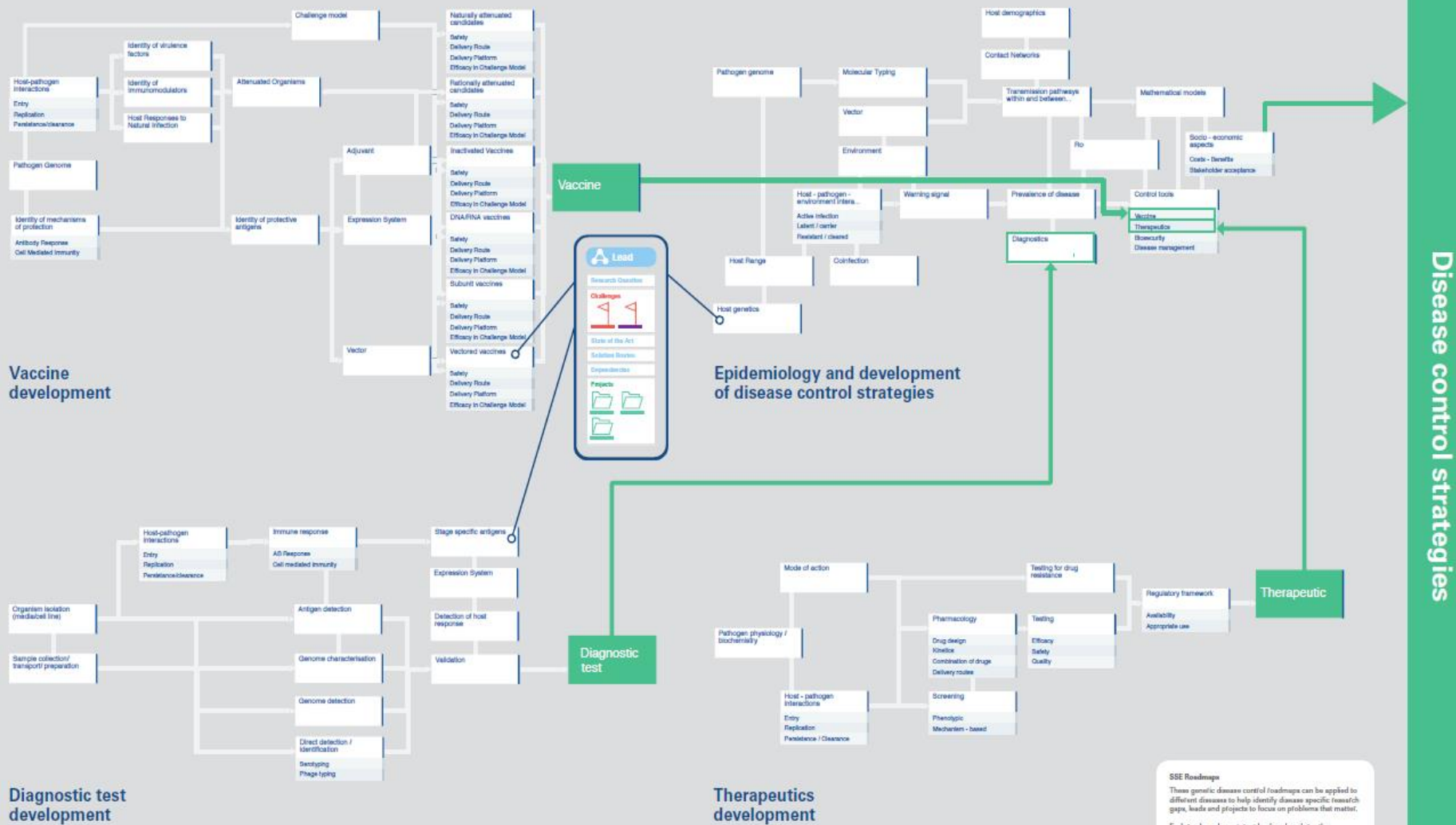
What activities are planned or underway?

Epidemiology and development of disease control strategies

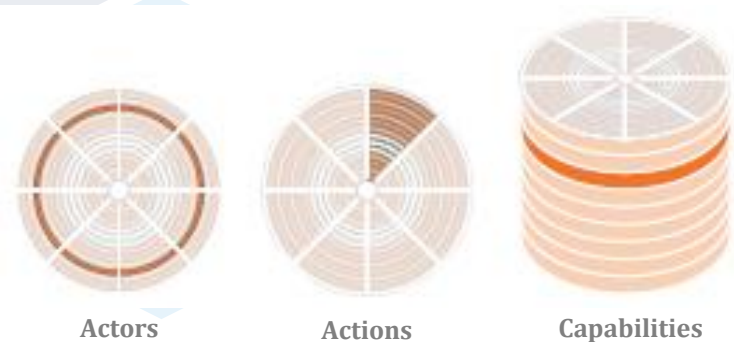
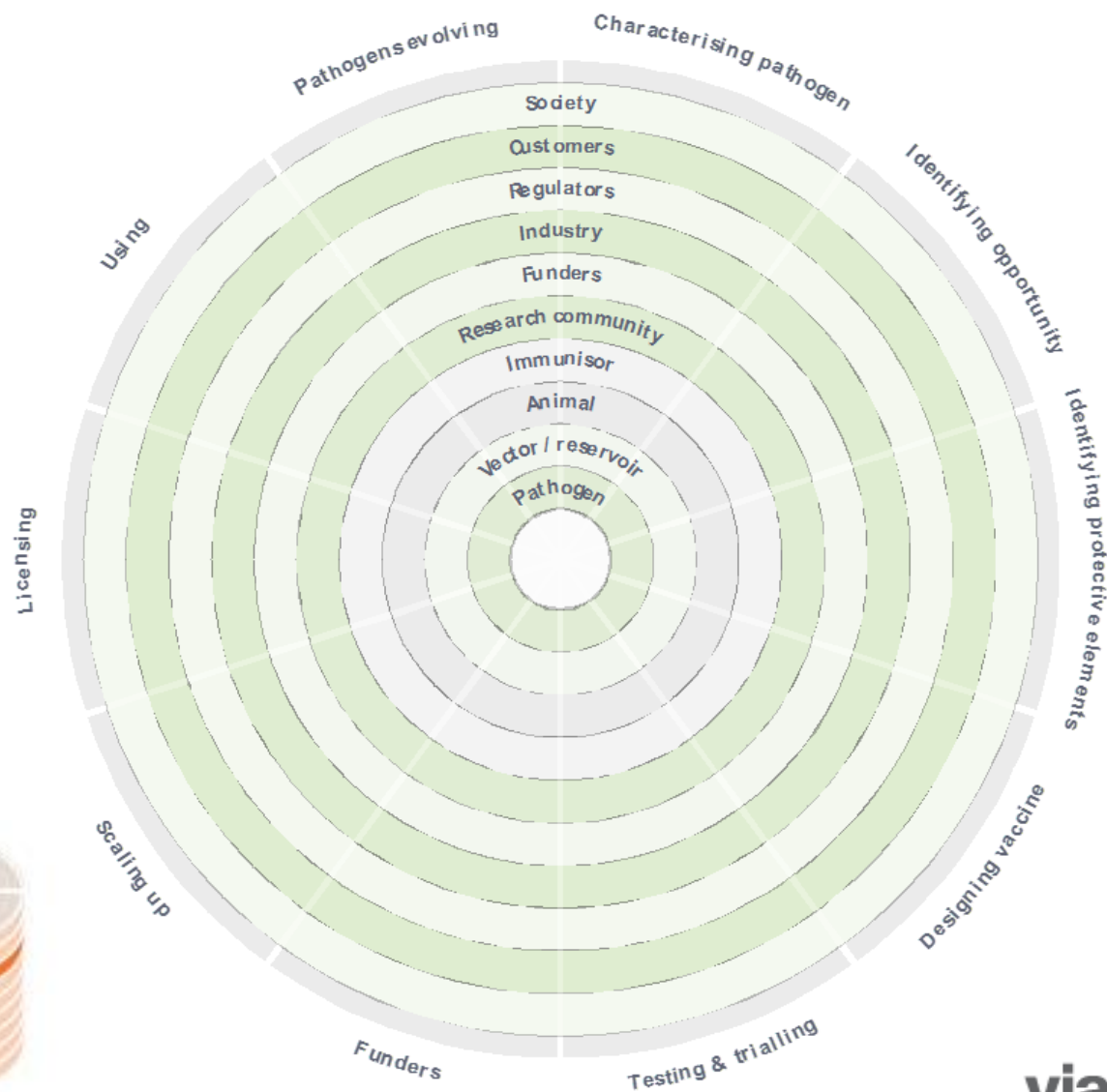
Overarching Roadmap



Integrated Roadmaps



Livestock vaccine System Solution Map



RECOMMENDATIONS OF THE AD HOC INTERAGENCY COORDINATION GROUP ON ANTIMICROBIAL RESISTANCE



Recommendation B3: The IACG calls on public, private and philanthropic research funders and other stakeholders to build upon current research and development efforts for new antimicrobials, diagnostics, vaccines, waste management tools, and safe and effective alternatives to antimicrobials; and to strengthen implementation and operational research and research coordination and collaboration in a One Health context by:

- a. Supporting, facilitating and strengthening coordinated global mapping of research and development activities and funding to address antimicrobial resistance;
- b. Establishing and maintaining platforms for sharing information on research and products in development in both ongoing and completed research and development activities;
- c. Promoting synergies and opportunities for collaboration among funders, researchers and research platforms in human, animal and plant health, and the environment; and
- d. Promoting openness and transparency in data from all research, monitoring and surveillance sources, including overcoming data protection provisions that restrict such data sharing.

Thank You For Your Attention

<http://www.star-idaz.net/>

