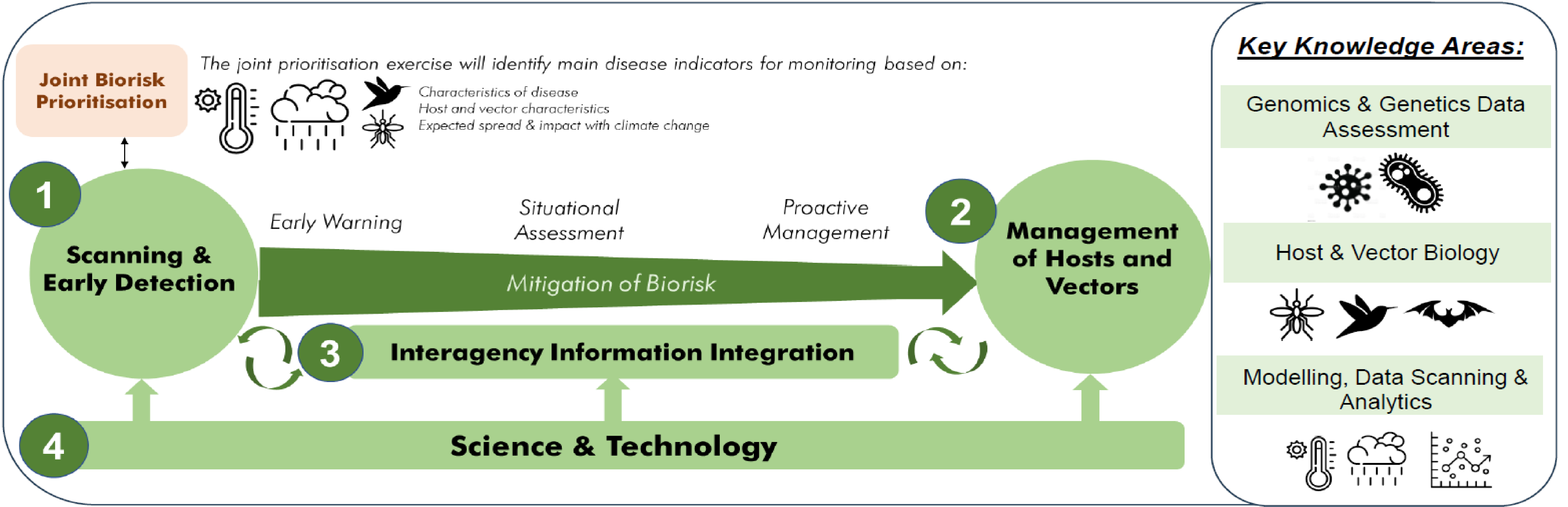


Application of Animal Disease Preventive Measures in Practice

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Biosurveillance programs

Surveillance for diseases in local animal populations



Pre-border Checks and Border Inspection



Disease Investigation and Response



Disease Contingency Plans and Preparedness



Challenges & Way Forward

Challenges

1. Resource Constraints

- Limited resources for implementing comprehensive preventive measures.

2. Compliance and Enforcement

- Challenges in ensuring full compliance with preventive measures and enforcing biosecurity protocols across the industry, including in peacetime.

3. Emerging Diseases

- Rapidly evolving nature of diseases and the emergence of new pathogens pose challenges in staying ahead of potential threats.

4. Knowledge and Awareness

- Varied levels of knowledge and awareness among stakeholders regarding the importance and implementation of preventive measures

Way forward

1. Capacity Building with technology

- Provide support and resources for capacity building, especially for smaller farms, to enhance their ability to implement preventive measures effectively with technology

2. Regulatory Support

- Strengthen regulatory frameworks and enforcement mechanisms to ensure compliance with biosecurity and disease prevention protocols.

3. Research and Surveillance

- Invest in research and surveillance capabilities to monitor and respond to emerging diseases, leveraging advanced technologies and data analysis.

4. Education and Training

- Conduct targeted education and training programs to improve knowledge and awareness of preventive measures among farmers, veterinarians, and other stakeholders.