

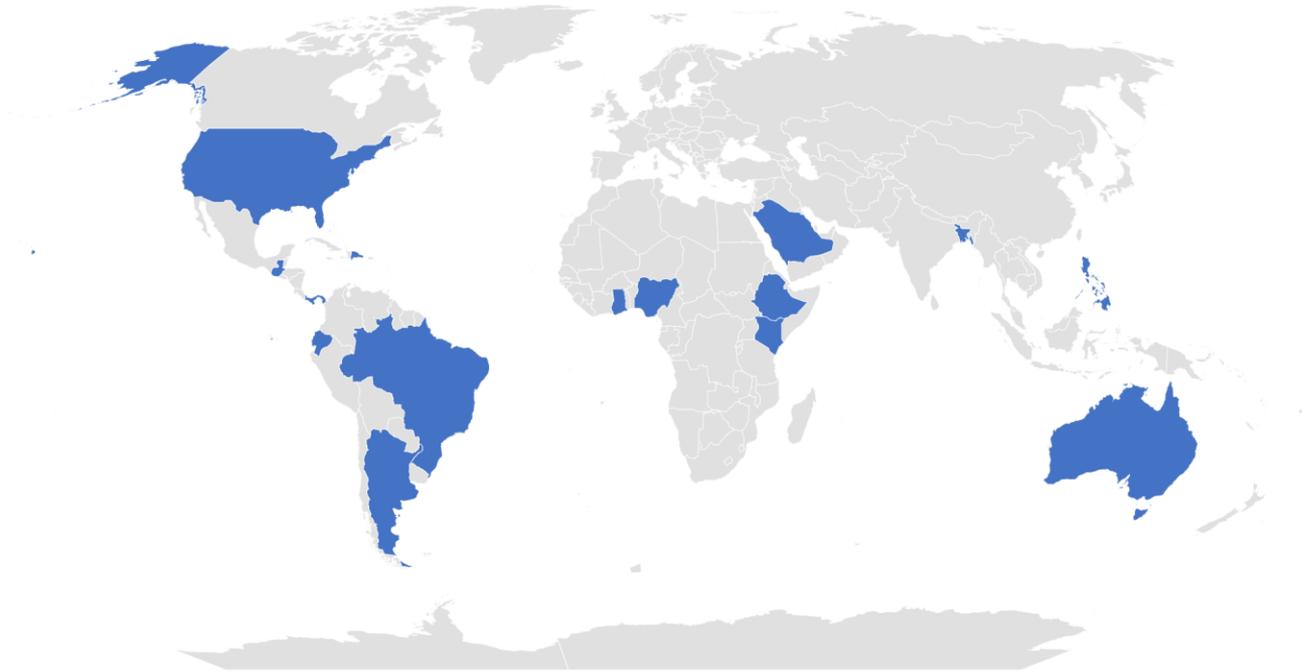
# Overview of the Pre-Conference Questionnaire: Global Trends

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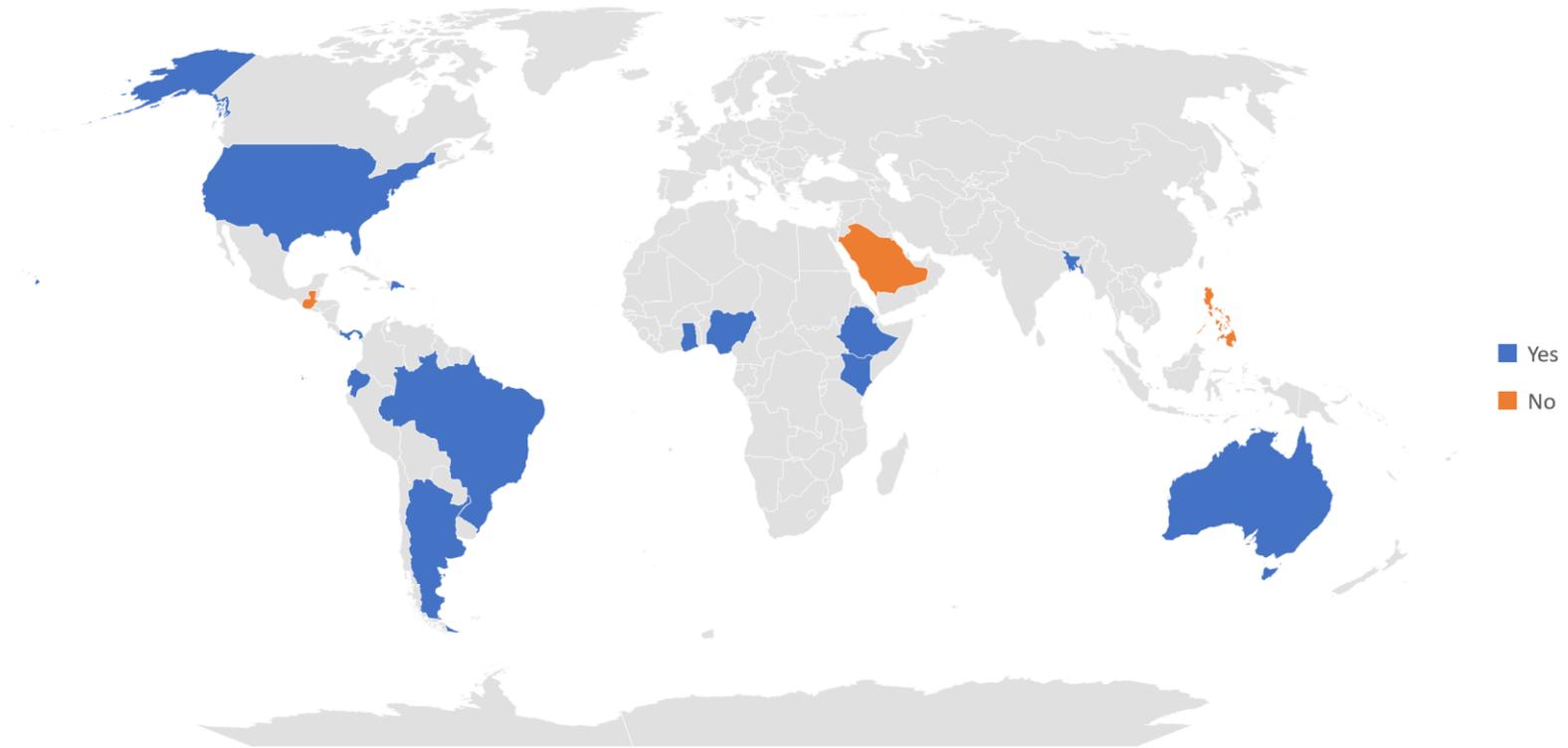
# Responses were received from 15 countries



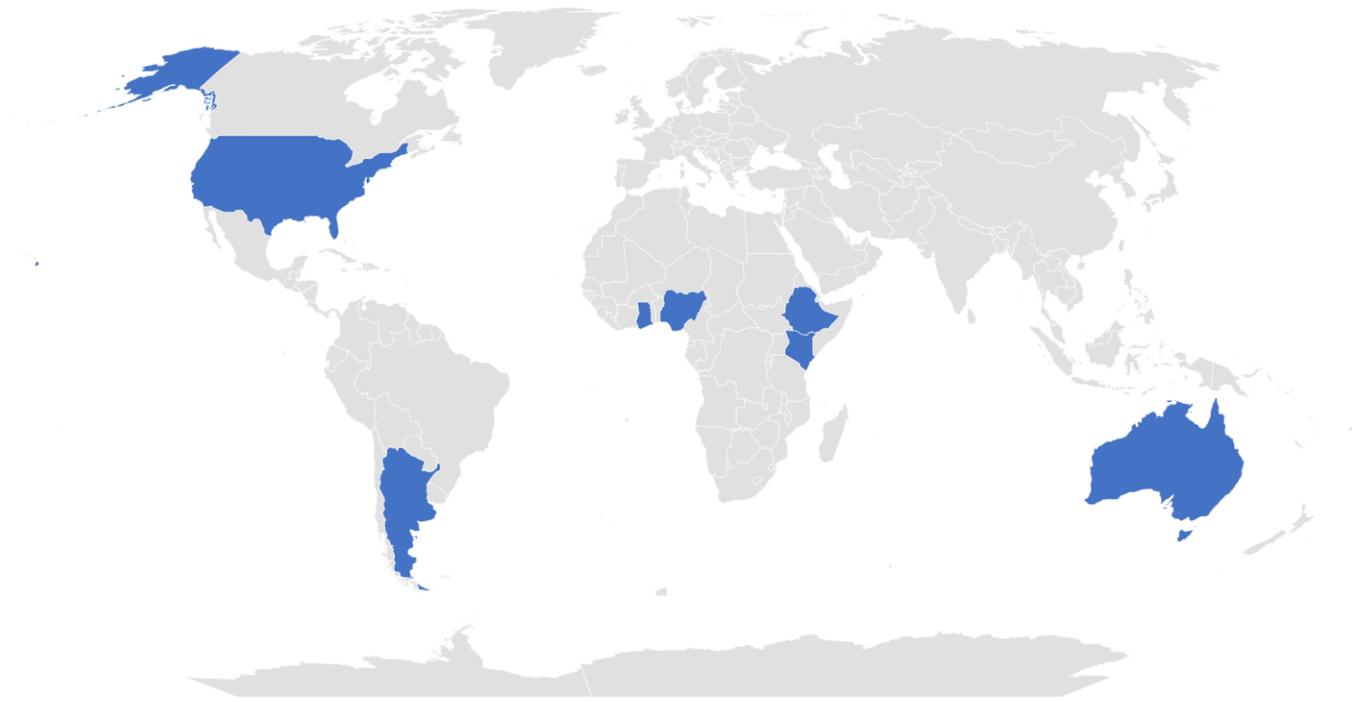




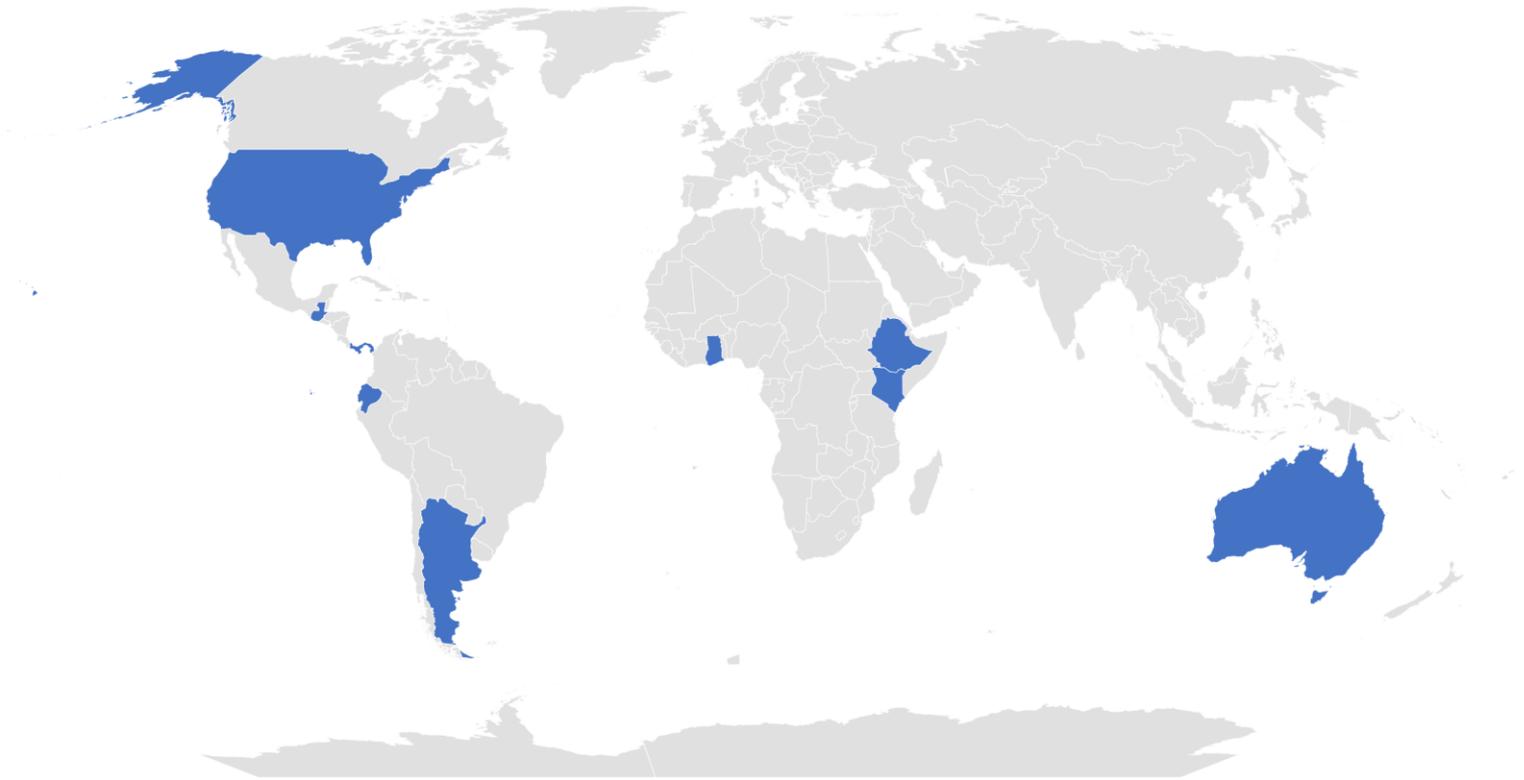
# Statutory/Regulatory Framework for Animal Biotechnology



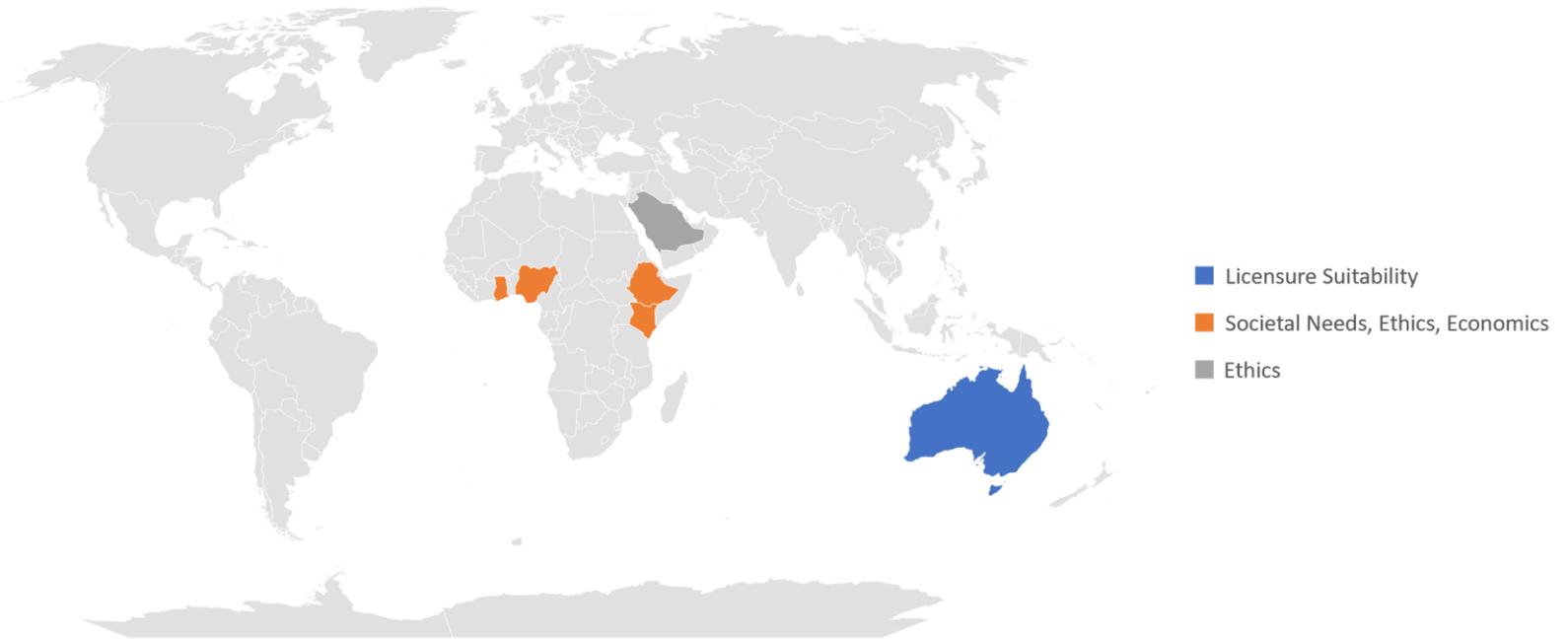
# Regulatory Exemptions for Certain “Genome Edited” Animals



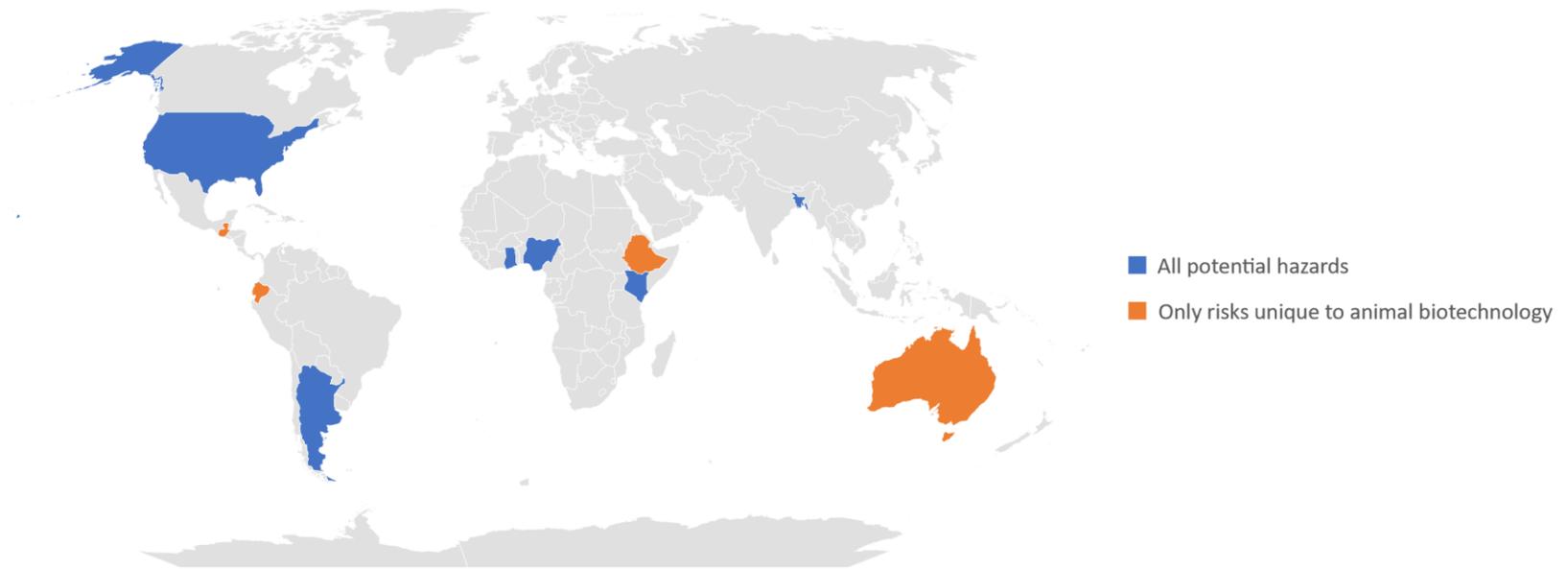
# Provisions for Insects



# Regulatory Considerations Beyond Safety



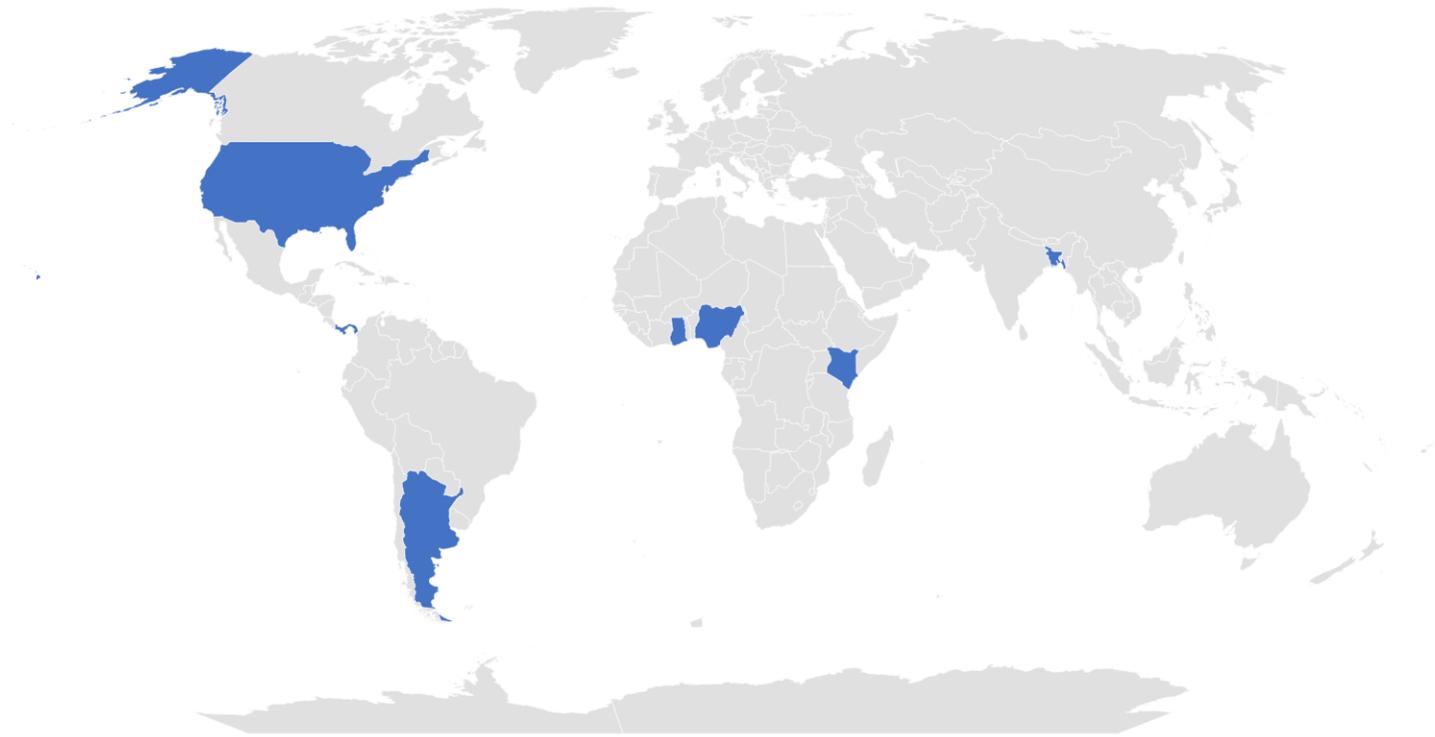
# Risk Identification Criteria



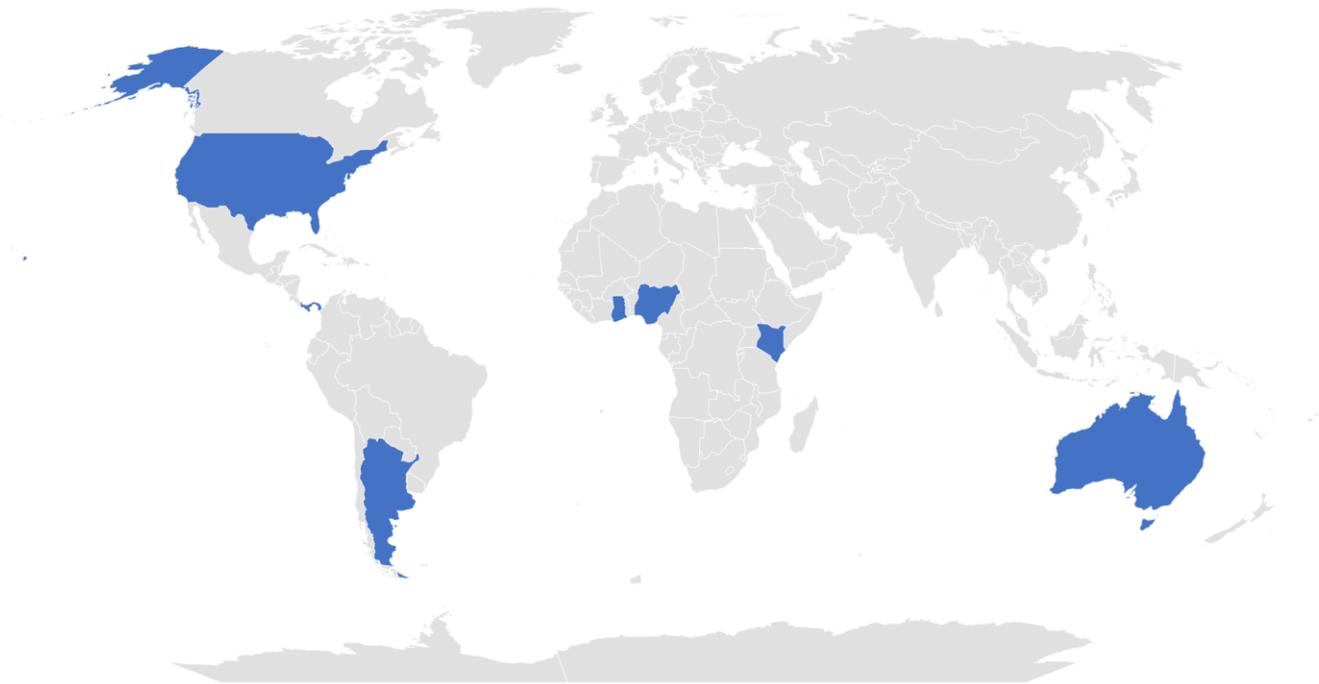
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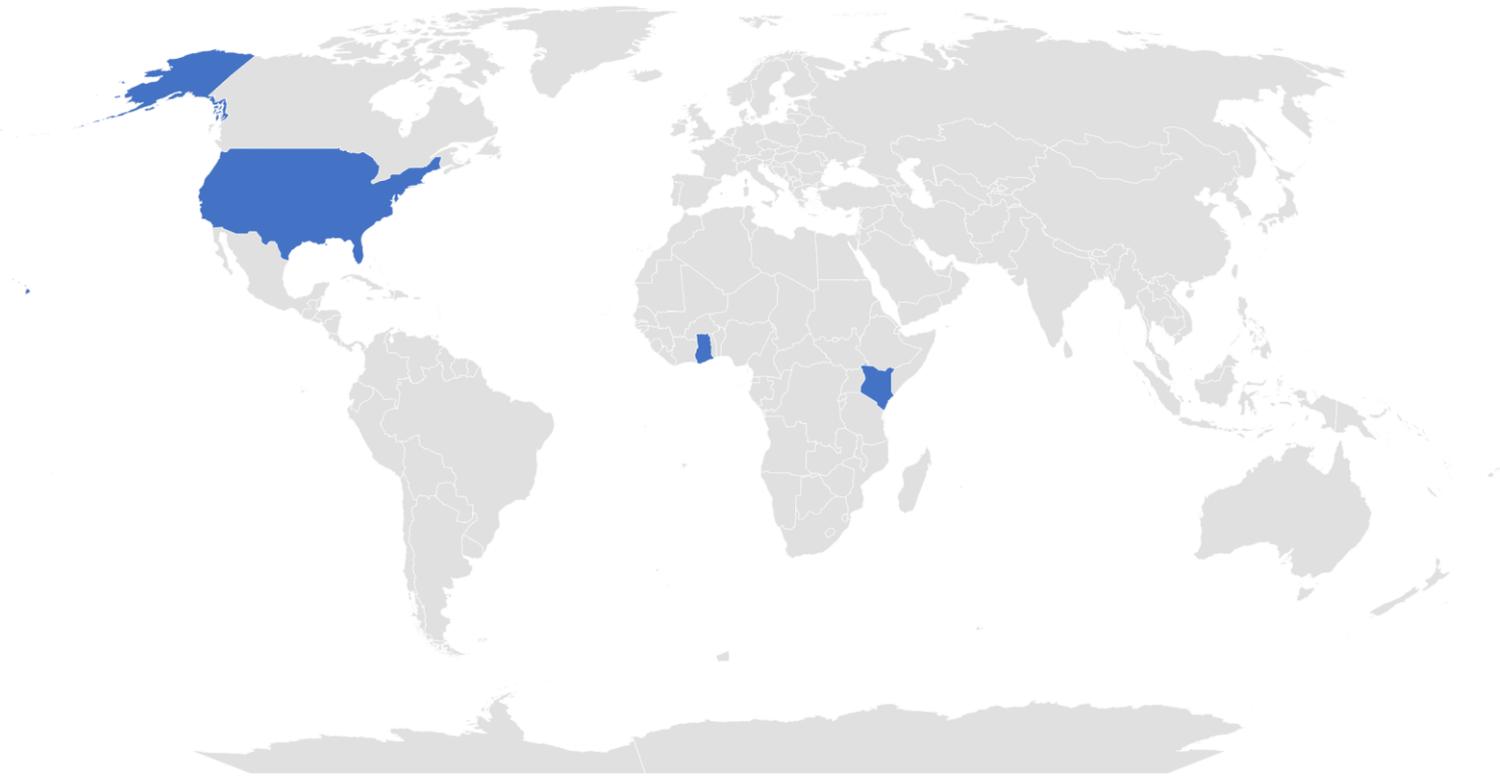
# Consideration of Potential Benefits



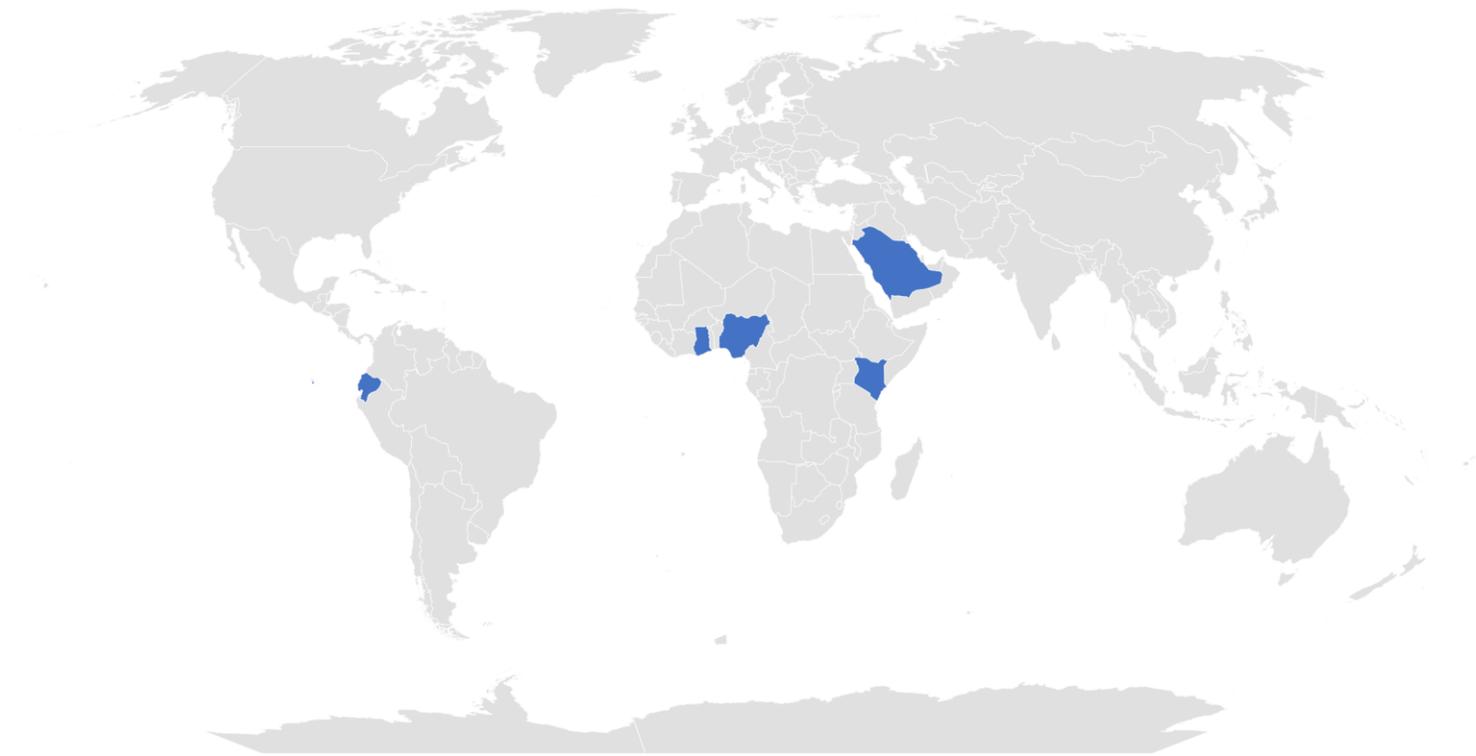
# Provision for Deregulation



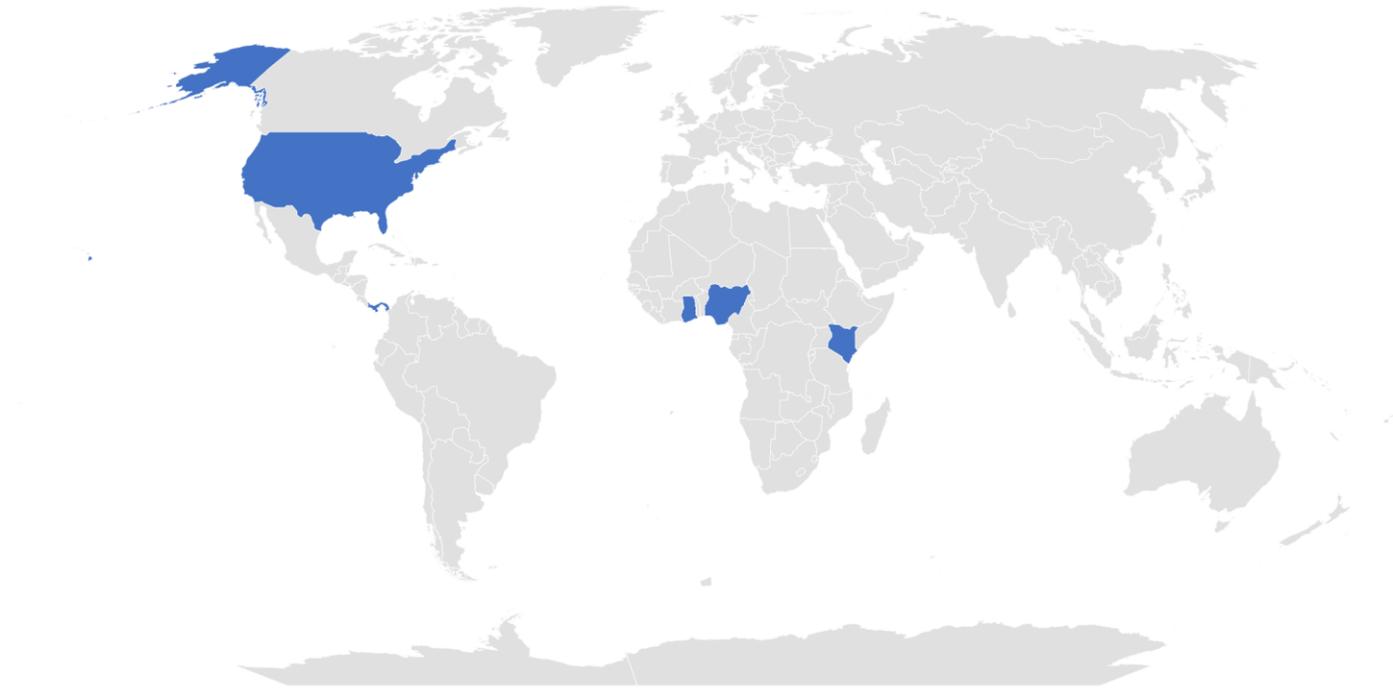
# “Low Risk” Research Animals Can Enter Food Supply



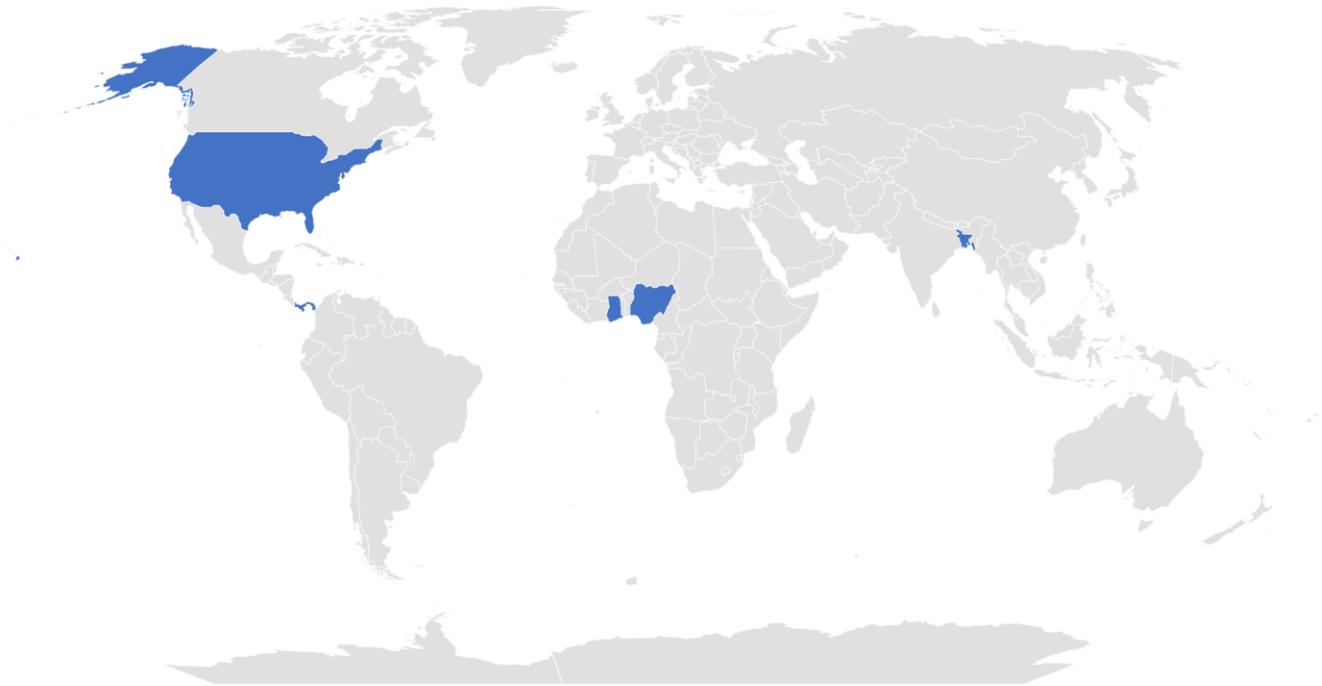
# Consideration of Food Labeling



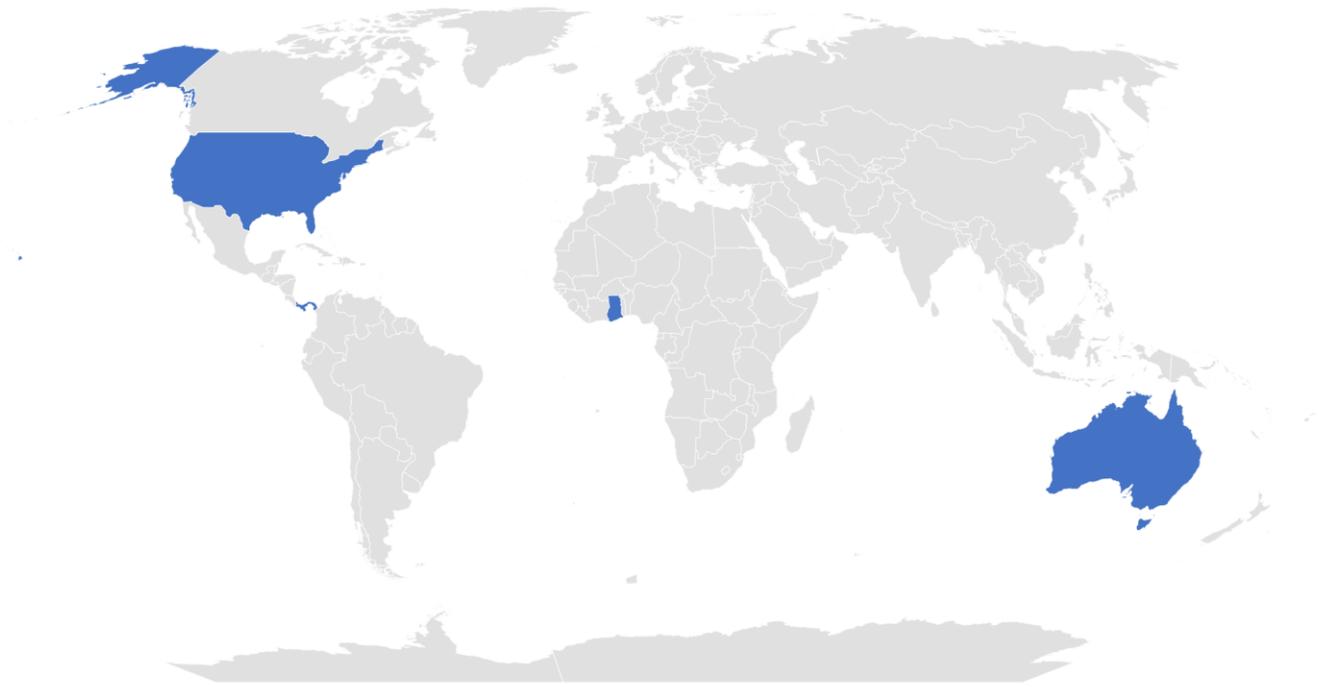
# Consideration of Animal Health and Welfare in the Approval Process



# Provisions for Post-Approval Monitoring



# Animal Location/Number Reporting Requirements



# Finally, what is the main driver of animal biotechnology Regulation?

- Australia: protecting health and safety of people and the environment from risks
- Guatemala: access to new technologies to produce food; provide scientifically proven assurance on the safety of biotechnologically obtained animals
- Kenya: all GMOs are subject to regulation under the Biosafety Act, 2009

# Animal breeding has come a long way...

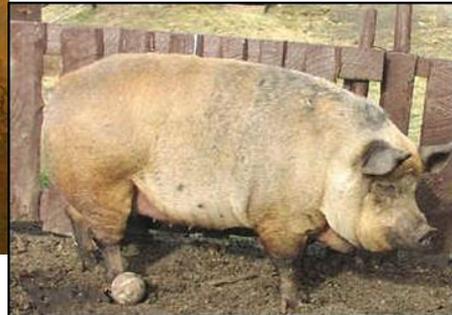
Domestication



1800's



1940's



Today



Animal Biotechnology can take us even further



Thank you...

Questions?