

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

Science to policy: scientist perspective

Flagship project on feed additives

David Yañez-Ruiz

2024 Livestock Research Group Meeting Berlin, Germany

1. Science to policy
2. Policy to science



J. Dairy Sci. TBC:1–18
<https://doi.org/10.3168/jds.2024-25051>

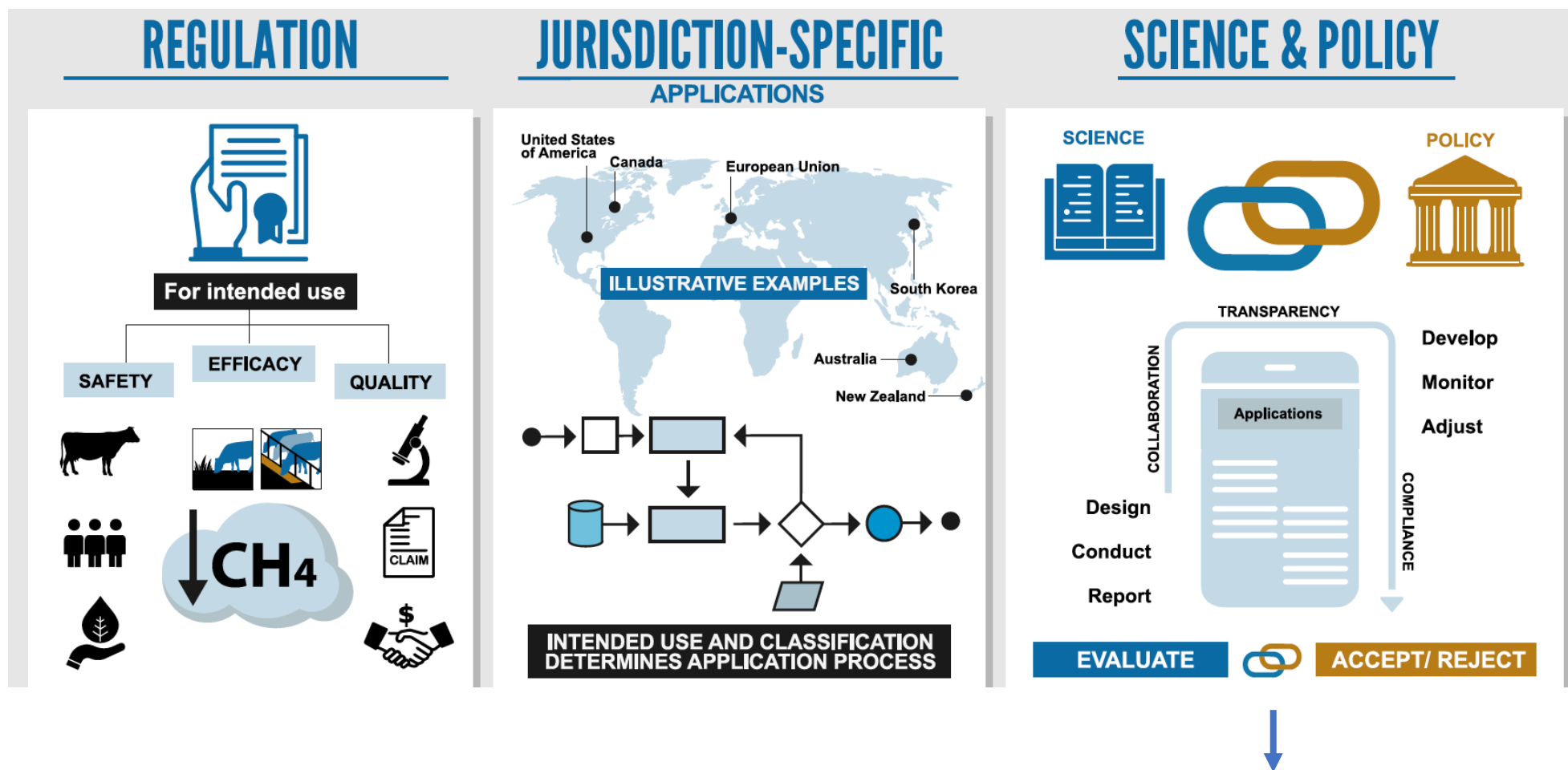
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JDS25051

Special Issue: Regulatory frameworks and scientific evidence requirements for the authorization of feed additives to mitigate ruminant methane emissions

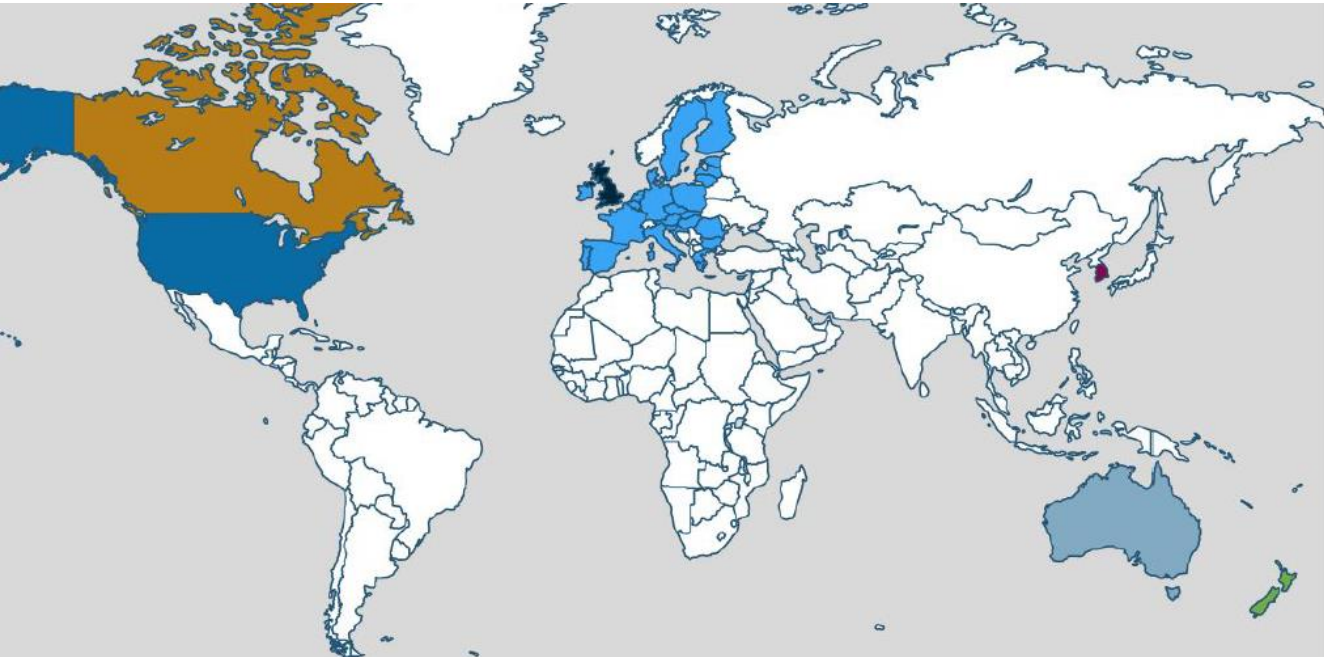
Juan M. Tricarico,^{1*} Florencia Garcia,² André Bannink,³ Sang-Suk Lee,⁴ Michelle A. Miguel,⁴
John R. Newbold,⁵ Peri K. Rosenstein,⁶ Matthew R. Van der Saag,⁷ and David R. Yáñez-Ruiz⁸

Scientists perspective



Scientists involved in policy regulation and application

Different type of interactions across regions



UNITED STATES OF AMERICA

Rule: I (FD&C)
Author: Center
Regul: New A

Dairy US
EDF *

UNITED KINGDOM

Rule: Assi and assim
Commis
Authority: Food Stan
Regulator: require review of a technical dossier

SRUC
DEFRA **

EUROPEAN UNION

Rule: Regulation (EC) 1831/2003
Regulation (EC) 767/2009
Authority: European Commission (EC)
Regulatory Status: Zootechnical additives require review of a technical dossier by the European Food Safety Authority (EFSA)

NEW ZEALAND

Rule: Agricultural Compounds and Veterinary Medicines (ACVM) Act 1997
Authority: Ministry of Primary Industries (MPI)
Regulatory Status: Inhibitors are a type of agricultural compound that require authorization by the MPI

CANADA

Rule: Feeds Act (1983). Food and Drugs Act (1985)
Authority: Canadian Food Inspection Agency (CFIA). Health Canada Veterinary Drugs Directorate (VDD)
Regulatory Status: Gut modifiers require review and approval by the CFIA Veterinary Drugs require review and approval by the VDD

SOUTH KOREA

Rule: Standards and specifications of feed, etc. (2023) pursuant to Control of Livestock and Fish Feed Act No. 17091
Authorit: Affairs (N Science
Regulatory Status: methane-reducing agents require approval by the Feed Process Review Committee and registration with NIAS

Sunchon NU

AUSTRALIA

Rule: National Registration Scheme for Agricultural and Veterinary Chemicals (NRS)
Authority: Au Medicines Aut
Regulatory S
Regulatory Status: require registration. Excluded nutritional or digestive (END) products are exempt from registration.

MLA

FAO, GDP (Milca), DSM, Nestlé

1. Consider science-policy link in advance to projects design / development
-- GRA network
2. Different approaches to be used (top-down, bottom-up, co-development..)
3. GRA structure / management?
4. Skills development for science – policy connection