

Sixth International Workshop on Regulatory Approaches for Agricultural Applications of Animal Biotechnologies

GnEd animal decisions in Argentina

Ghent, Belgium

November 7, 2025



Ministerio
de Economía
República Argentina

Secretaría de Agricultura,
Ganadería y Pesca

ARGENTINA'S STRENGTHS IN AGRICULTURAL BIOTECHNOLOGY

- Development of Agricultural Biotechnology as a **State Policy**.
- **Public and private entities** developing products in plants, animals and micro-organisms (**GMOs and NTBs**).
- **Mature, science-based regulatory framework** that evolves as science evolves.



More than 30 years of experience

Since 1991, Argentina has been regulating activities related to Genetically Modified Organisms (GMOs) for agricultural use. It is a pioneer in the development, application and regulation of modern biotechnology techniques.

To this end, the National Advisory Commission on Agricultural Biotechnology (CONABIA) was created as an evaluation and consultation body within the Secretariat for Agriculture, Livestock and Fisheries (SAGyP).



COMPOSITION OF CONABIA

- **ACADEMIC INSTITUTIONS**
- **GOVERNMENT INSTITUTIONS**
- **RESEARCH INSTITUTIONS**
- **CHAMBERS**



Evolution of CONABIA

- 1991** **CREATION OF CONABIA** As an instance of consultation and/or evaluation on the regulation of GMOs within the SAGyP
- 1992** **First normative framework for GMO (microorganisms and plants)**
- 1996** First commercial authorization of a crop: **soybean**
- 2005** **First evaluation of a GM animal:** cattle
- 2014** CONABIA recognized as **FAO Reference Centre on Biosafety**
- 2015** **Creation of the NBT Normative approach**
- 2021** **Update of NBT Normative approach**
- 2023** **3° FAO CONABIA agreement renewal**
- 2025** **112 commercial authorizations** for 7 crops species (soybean, maize, wheat, alfalfa, safflower, cotton and potato), **22 MGM** commercial authorizations assessed to date.

ARGENTINA **NBT NORMATIVE
APPROACH**

New Breeding Techniques (NBT)



Since 2015, Argentina has been a pioneer, with **specific normatives (differentiated from those for GMOs)** for products derived from **New Breeding Techniques** and **10 years of experience** in product evaluation.

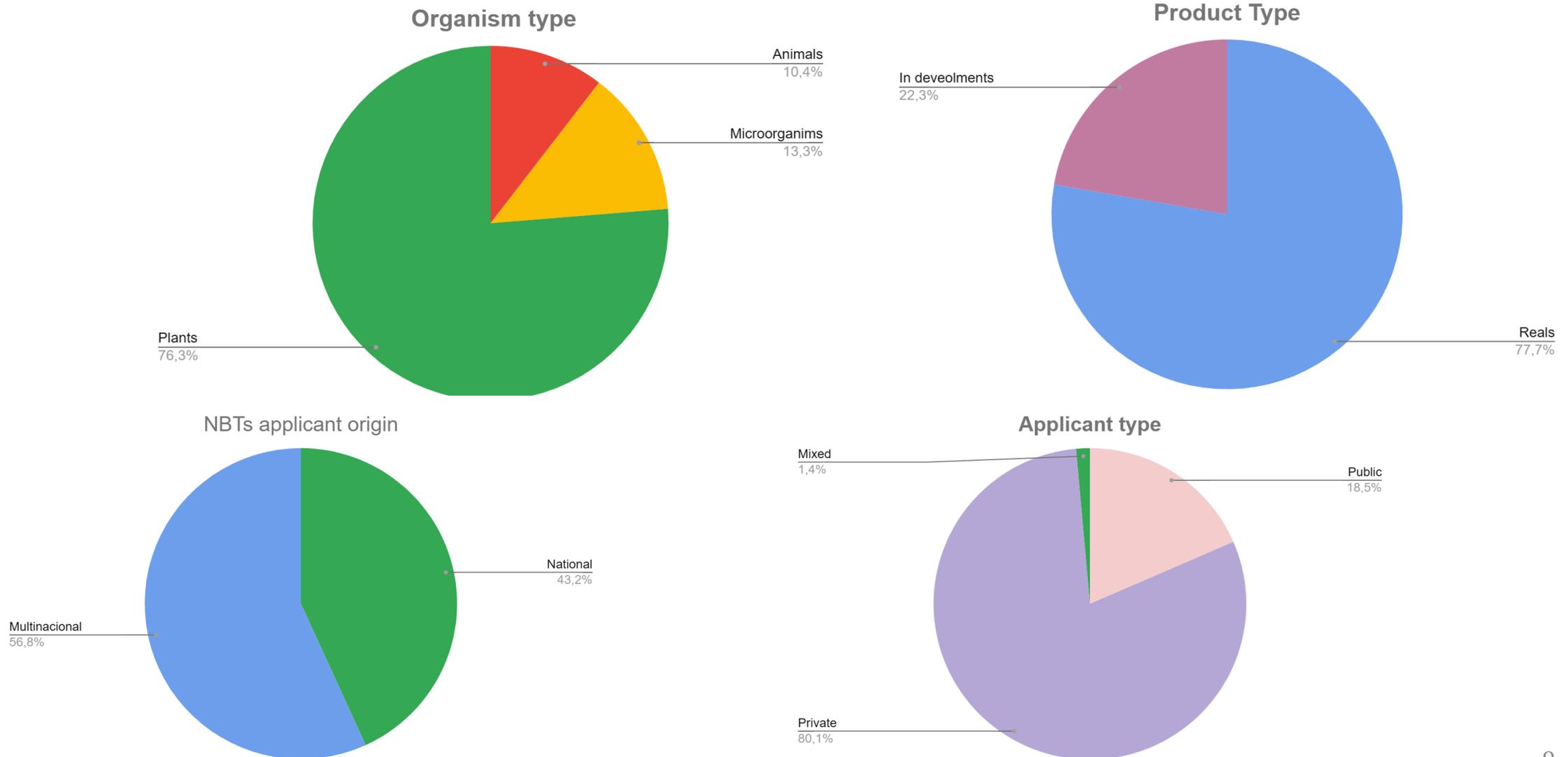
Update of NBT normatives under **Res. No. 21/2021**. To date, 211 cases have been analyzed for various organisms.

Having a **robust and up-to-date normative framework** generated certainty for technology development entities, both public and private.

Highlights of Resolution N° 21/21

1. Procedure to determine whether a product obtained by NBT could be in the scope of the GMO regulation or not (**Cartagena Protocol definition of GMO**).
2. The analysis is performed on a **case-by-case** basis.
3. It is not restricted to a specific list of techniques.
4. Consultation when the product is at the **design stage (hypothetical product)**.
5. The Commission must provide a response to the interested party within **80 working days**.
6. **Specific annexes** for animals, microorganisms and plants.

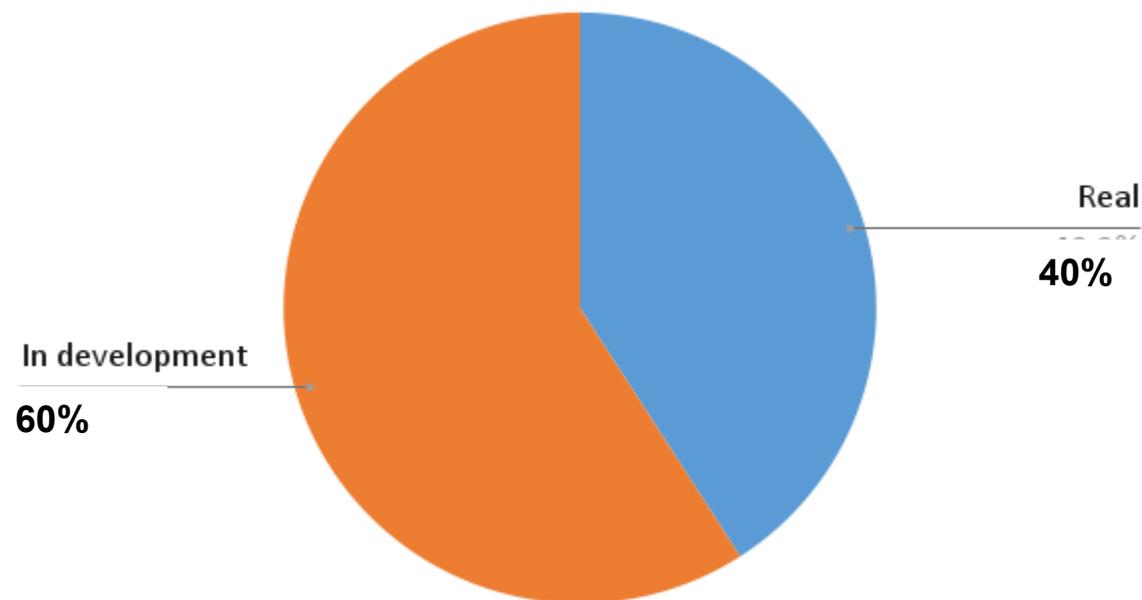
NBT – Gene editing: 211 PCI received



NBT Cases received in animals

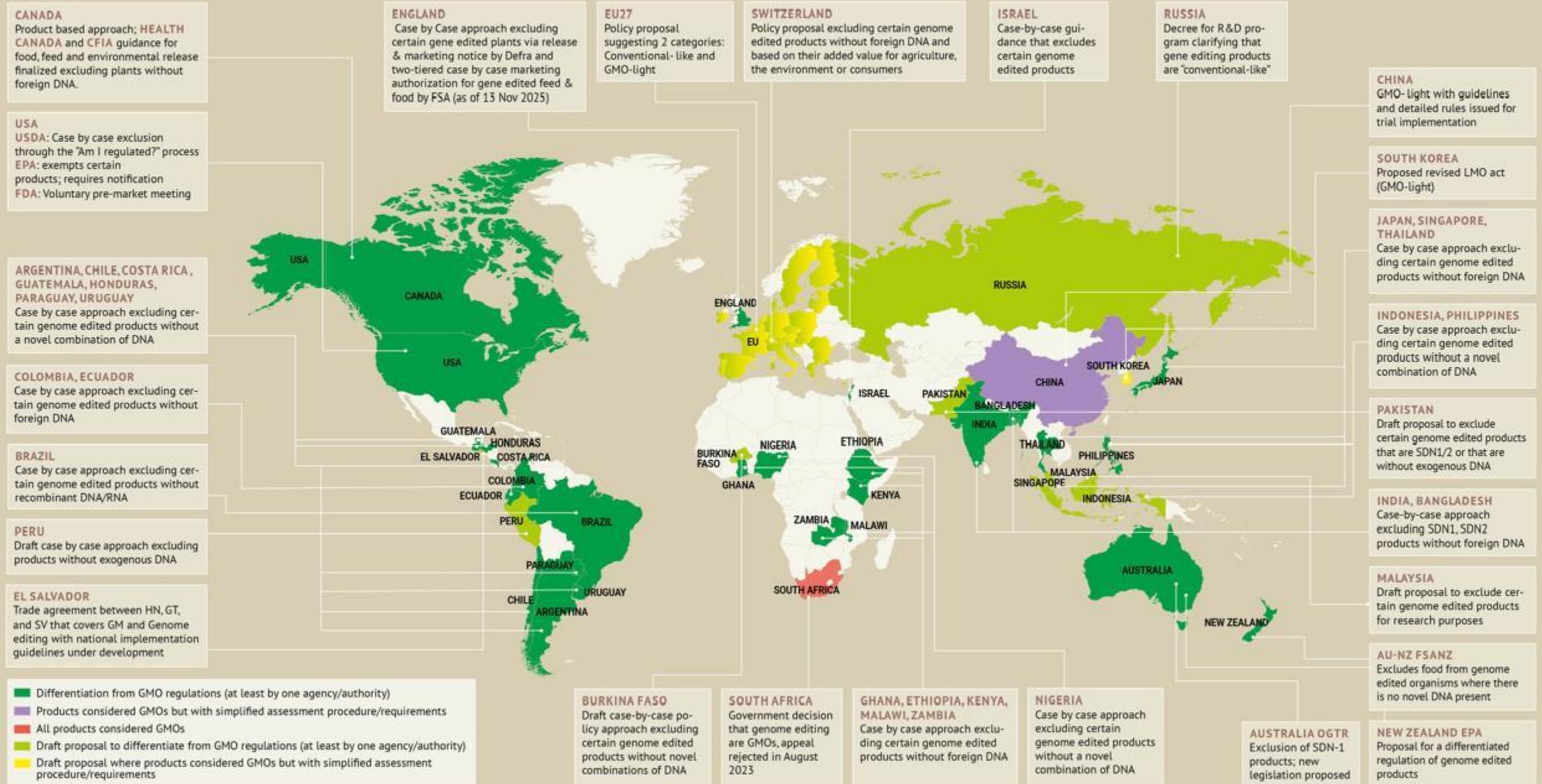
- **Cattle:** SLICK, hypoallergenic milk, double musculature.
- **Pigs:** xenotransplantation – PRRS
- **Horses:** double musculature - sex reversal
- **Tilapia:** increase in fillet yield

PCI RECEIVED



NONE OF THESE CASES ARE ON THE MARKET

Policy developments around the world 10/2025



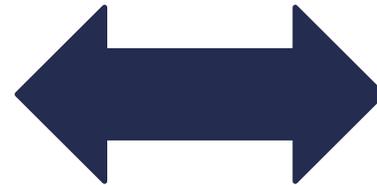
- Differentiation from GMO regulations (at least by one agency/authority)
- Products considered GMOs but with simplified assessment procedure/requirements
- All products considered GMOs
- Draft proposal to differentiate from GMO regulations (at least by one agency/authority)
- Draft proposal where products considered GMOs but with simplified assessment procedure/requirements

CAPACITY BUILDING

Capacity
Building and
Technical
Assistance

The only
Global
Reference
Center for
Biosafety

FAO – CONABIA Agreement 2014 - 2027



CUBA 2019-2021: Capacity Building

Regulatory Framework for GMOs and the
normative about NBT. Case study



PERÚ 2022

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[Video]

Dale play y comparte el video de la visita de profesionales de la Secretaría de Agricultura, Ganadería y Pesca Institucional (SAGPI) y del INTA Argentina.

YouTube



el INIA recibió la visita de profesionales de la Secretaría de Agricultura, Ganadería y Pesca Institucional (Argentina)

Twittea tu respuesta

<https://youtu.be/0aOdvYvdLdk>

Claro AR 17:32 48%

Embajada Argentina en Perú @Emb_Arg_Peru

#Hoy el equipo del @intaargentina y de @AgriculturaArg que se encuentra en #Lima ejecutando un proyecto de @CooperacionArg, participó en el @MinamPeru de un conversatorio sobre nuevas herramientas biotecnológicas (1/4)



Twittea tu respuesta



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FAO – CONABIA Agreement 2024



September: VISIT OF REGULATORS FROM KENYA AND ETHIOPIA

December: VISIT OF REGULATORS FROM VIETNAM



Argentina strengthens the technical capabilities of third-country regulators, which translates into a synchronized approach to regulatory criteria and boosts trade in biotechnology products.

GUATEMALA WORKSHOP FEBRUARY 2025





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