



# Policy Considerations for Gene Editing: The Asian and Australian Perspective

Sunway Clio Hotel, Petaling Jaya, Malaysia  
August 23-25, 2022

## RATIONALE

Policy considerations governing gene editing in agriculture and the food industry varies from country to country. Many are taking a progressive and scientific approach by examining gene edited crops on a case-by-case basis. Argentinian policies for gene editing that exempt SDN1 and SDN2 forms of gene editing has resulted in the emergence of new SMEs and startups that are developing gene edited seeds to support sustainable agriculture. This is a healthy development where local priorities are met by national organisations and local companies.

In Asia, a similar approach is being adopted by Japan and India, while discussion is on-going in most other countries. This workshop intends to inform local policymakers, regulators and other stakeholders so that they can play a proactive role in developing their national policies for gene editing. This will support international harmonization of gene editing policies, enhance applications of gene editing and reduce trade barriers, ultimately supporting sustainable food security.

MABIC, together with credible like-minded organization including Murdoch University (Western Australia), ISAAA Inc., BioTrust Global, and the National Seed Association Malaysia, are undertaking outreach initiatives to raise awareness to enable stakeholders to support science-based regulations.

## OBJECTIVES

The workshop is designed to enable participants to:

- raise awareness among stakeholders to enable science-based participation in the development of the policy and regulatory frameworks for gene editing in Asian countries and Australasia;
- support harmonization of gene editing regulations in the region; and
- support advancement of gene editing applications for improved crop yields and quality for consumption

# Policy Considerations for Gene Editing: The Asian and Australian Perspective

Sunway Clio Hotel, Petaling Jaya, Malaysia | August 23-25, 2022 | [bit.ly/GeneEditingKL2022](https://bit.ly/GeneEditingKL2022)

## RESOURCE PERSONS



**Prof. Michael Jones**

Professor, Murdoch University  
Foundation Director,  
Western Australia State  
Agricultural Biotechnology Center  
Australia



**Kay Khoo**

Regulatory Affairs Manager  
BASF  
Australia



**Dr. Gabriel O. Romero**

Executive Director  
Philippine Seed Industry  
Association  
Philippines



**Dr. Szabolcs Ruthner**

Regulatory Affairs Manager  
International Seed Federation  
Switzerland



**Dr. Penny Hundleby**

Plant Scientist  
John Innes Centre  
United Kingdom



**Osman Mewett**

Chief Executive Officer  
Australian Seed Federation  
Australia



**Dr. Shivedra Bajaj**

Executive Director  
Federation of Seed  
Industry of India  
Alliance for Agri-Innovation  
India



**Dr. Kumitaa Theva Das**

Universiti Sains Malaysia  
Malaysia



**Dr. Wei Xun**

University of Science  
and Technology Beijing



**Dr. Muhammad Adeel**

Career Diplomat  
Scholar, Western Australia  
State Agricultural  
Biotechnology Center  
Australia

## AGENDA:

### Session 1. The Basics of Gene Editing

- The basics on gene editing
- Commercialization and acceptance of gene-edited products
- Safety of gene-edited crops for food and environment

### Session 2. Policies and Regulations

- Current development in Asia Pacific on gene editing policies (Australia, Japan, India, Philippines, Singapore)
- Status of gene editing regulations in Malaysia, Thailand, Indonesia, Vietnam, Taiwan, Pakistan, Bangladesh, South Korea
- Global status of policies and regulations on gene editing

### Session 3. Pathways-to-market and Commercial Potential

- The commercial pathway of gene-edited crops vs GM

- Current status of gene editing research in India and plans for commercialization
- Current research on gene editing in Malaysia
- Current research and products ready for market: Challenges and opportunities

### Session 4. The importance of Science Diplomacy and Harmonization

- Science Diplomacy Interface of Biotechnology
- Biotech Game: A Science Diplomacy Deliverable for Science Communication

### Session 5. Enabling regulation for Asia/Australasia

- Brainstorming on policy considerations to support research, development, commercialization and trade of gene-edited products

## FEES

**US\$200.00** for international participants from private sector, inclusive of accommodation at Sunway Clio Hotel, meeting package, and workshop dinner. **RM400** for Malaysian participants inclusive of meeting package and workshop dinner.

### Payment to be made to:

Account name: Malaysian Biotechnology Information Centre (MABIC)

Bank Name: Maybank

Account number: 512316514226

Swift code: mbbemykl

Bank Address: 30&32, Jalan PJS 11/28A, Bandar Sunway, 46150, Petaling Jaya, Selangor, Malaysia

For further details or questions email to: [saarani@bic.org.my](mailto:saarani@bic.org.my)