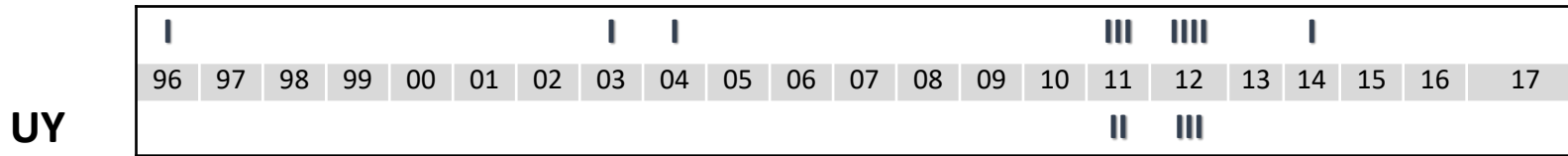
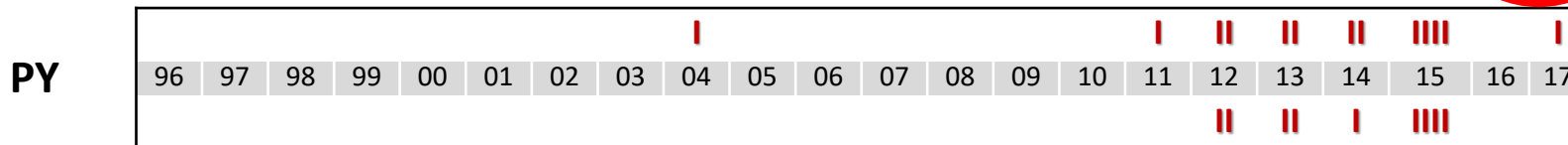
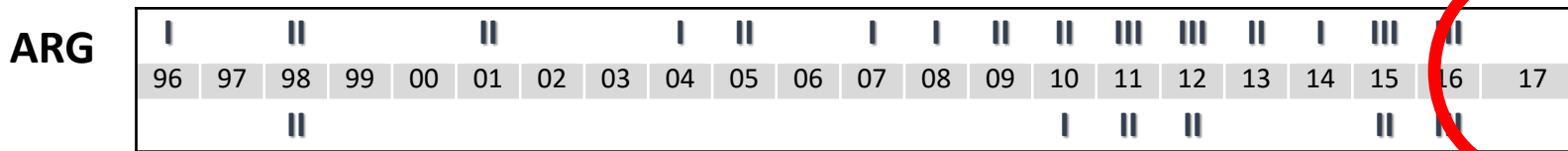
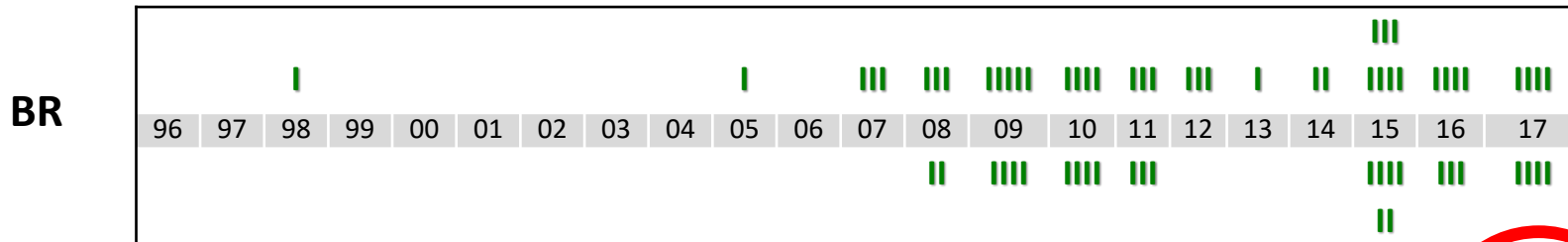


Current status of GM approvals in the region

ARGENTINA

Dr. Miguel Rapela
Cartagena, 7 de septiembre 2017

Each country defines the cadence of approvals



Updated July 2017



Promoting Seed Business in the Americas September 5-7 2017 - Colombia Cartagena de Indias

Note: approvals for upper stacks in Arg and Py can also include intermediate combinations

Source: Gabriela Levitus (ArgenBio), on official public information



Argentina: administration of Biosafety Process

1. ENVIRONMENT

- **Biotechnology Directorate**
 - **CONABIA: National Advisory Commission**
 - **Members: academics, government, professional associations**
 - **Objective: conduct risk assessment comparing GM crop with traditional bred crops**

Argentina: administration of Biosafety Process

2. FEED & FOOD

- **National Service Agrifood Health & Quality (SENASA)**
 - **CTA-UOGM: Technical Advisory Committee on GMOs**
 - **Members: academics, government, professional associations, manufacturers, producers**
 - **Objective: reviews safety and nutritional aspects of the GM food**

Currently developing biosafety assessment criteria for emerging issues:

1. Phase 1 and Phase 2 procedures
2. Stacked events
3. Improving pest resistance management
4. Low level presence situations
5. Repeated use of genetic constructs
6. New plant/animal breeding techniques

Argentina: administration of Biosafety Process

3. EXPORT MARKETS

- **National Direction of Agricultural Food Markets (DNMA)**
 - **Members: government**
 - **Objective: evaluates potential commercial impact focusing on export markets**

Argentina: administration of Biosafety Process

1. ENV. B.Direc.



2. F&F. SENASA



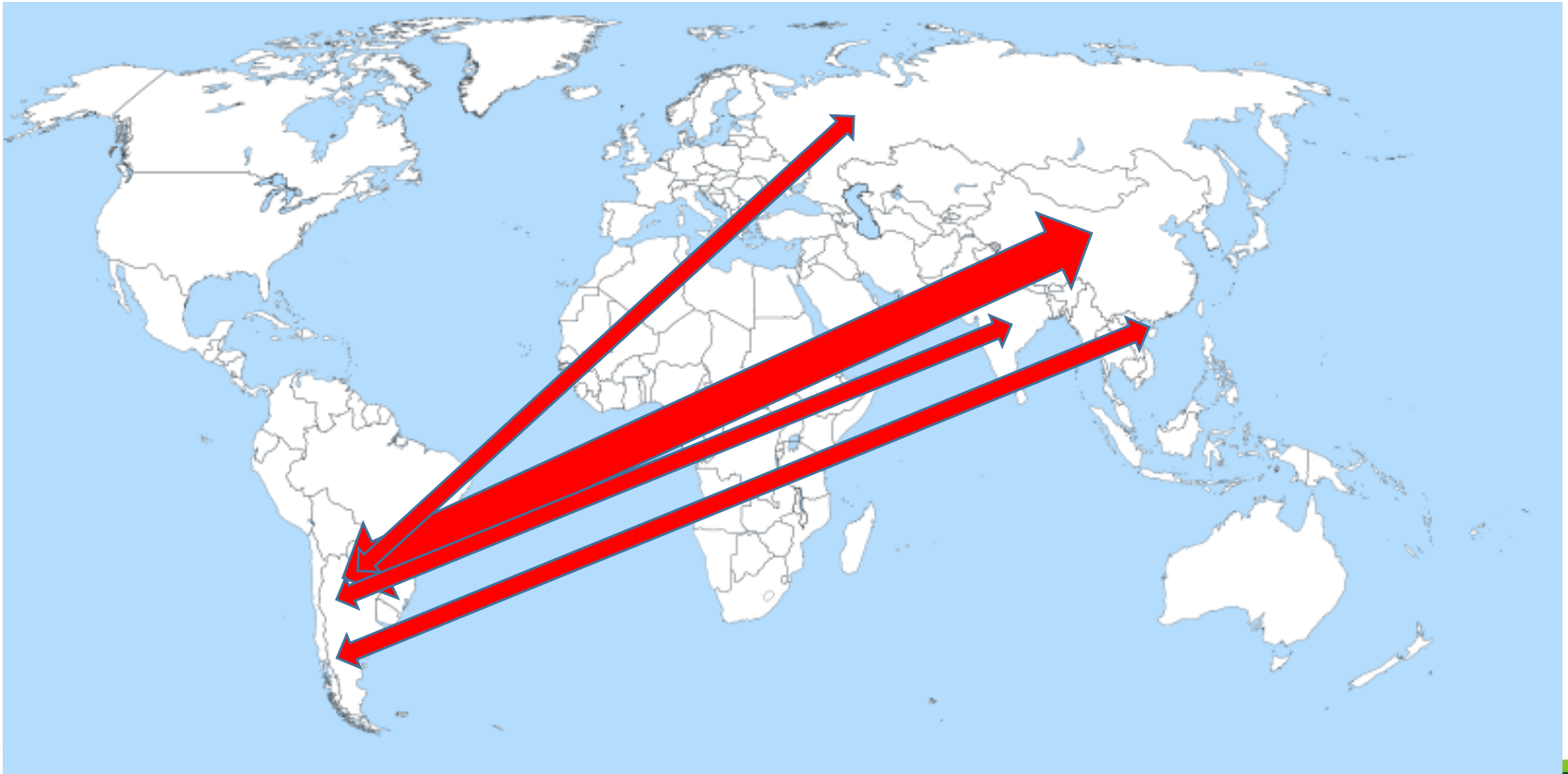
3. E.M. DNMA

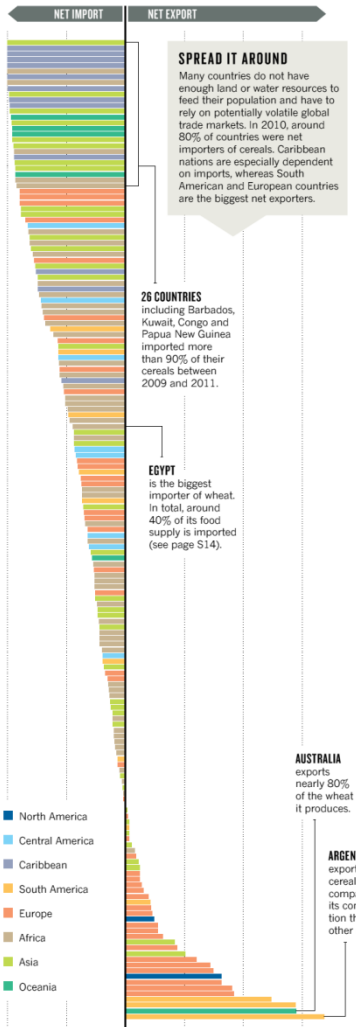


Argentina: “mirror policy” 1996 - 2012



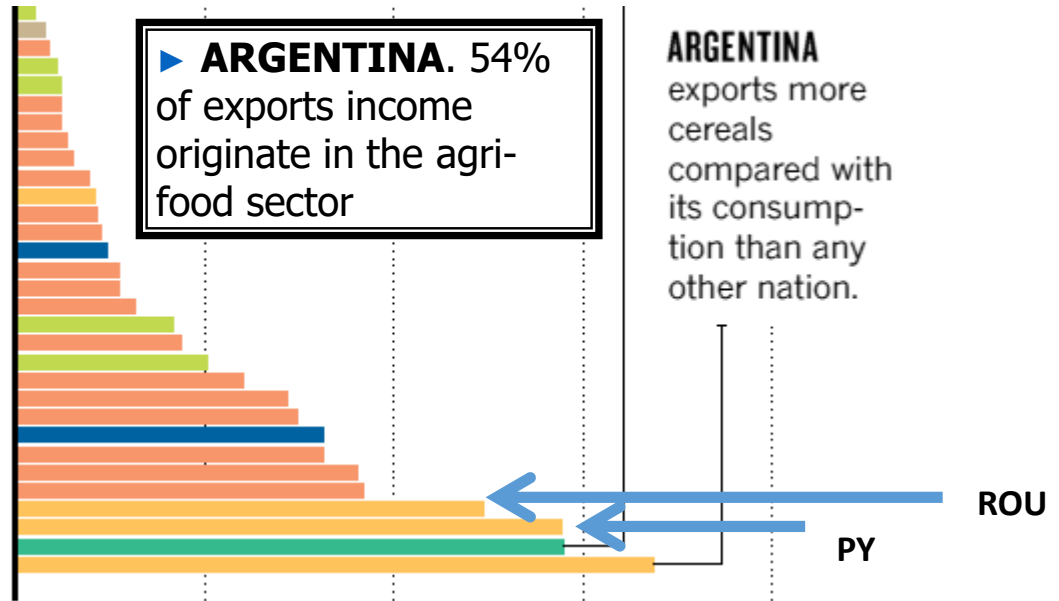
Argentina: 2012 - 2017





A WORLD OF INSECURITY

Malnutrition is a global problem. With population and consumption set to rise over the coming decades, achieving food security will require action on many fronts. By **Julie Gould**, infographic by **Mohamed Ashour**.



Outcomes

1. Less commercial approvals
2. Delays in commercial approvals
3. Technological delays in producers
4. A less competitive country
5. Prioritizing who is going to buy over who developed
6. Impact on local developers
7. Greater impact of political decision than technique