Introduction of the 4th Workshop for Conservation and Exchange of PGRFA

“Capacity Building Regarding Conservation and Sustainable Use of Plant Genetic Resources for Food and Agriculture (PGRFA) in ASEAN Region-Phase 2”

by Japan ASEAN Integrated Fund (JAIF)

Nimura Satoshi
Nimura Genetic Solutions Co., Ltd.
Series of workshops

- 1\textsuperscript{st} workshop held in Lombok Island, Indonesia “on-farm conservation”
- 2\textsuperscript{nd} workshop held in Vientiane, Lao PDR “Breeding strategy”
- 3\textsuperscript{rd} workshop held in Hanoi, Vietnam “Breeding Technology”
- 4\textsuperscript{th} workshop held in Toba, Japan “Collaborative breeding among ASEAN Member States”
Regional collaboration of plant breeding in ASEAN

In ASEAN
1. Common “popular and important crops”
2. Common “problem of the crops”
3. Similar “climate conditions” and “Soil conditions”
4. “Exchanging among developing countries” lowers phycological barrier of ABS.

There are many reasons collaborative research can benefit participating countries.
Stereotype image of Access and Benefit Sharing

1. Developing countries provide genetic resources to advanced countries.
2. Benefit always produced in advanced countries, then shared to developing countries.
3. Developing countries always seek fund and technology from advanced countries.
1. Developing countries provide genetic resources to advanced countries.
2. Benefit always produced in advanced countries, then shared to developing countries.
3. Developing countries always seek fund and technology from advanced countries.
North-South vertical relation

We often considers that
ABS = North-South relation

Is there any other models?
New concept
“Horizontal relation” 1

- **North**
- **horizontal relation**
- **South**

**Advanced countries**
- Established varieties
  Of agricultural crops

**Developing countries**
- Wild relatives of the crops

**Genetic Resources**

**Improved variety**
New concept
“Horizontal relation” 2

South

horizontal relation

South

Developing countries

Genetic Resources

Unique varieties of crops

Developing countries

Wild relatives of the crops

Improved variety
ASEAN member states take one step forward.

- Exchanging Genetic Resources
- Multilateral
- Collaborative Breeding
- Improved variety
Collaborative breeding

1. MOU to be developed.
2. Nomination of crops (Chili, Eggplant, Root crops, Ornamental flower)
3. Inviting participants (ASEAN member states) to form collaborative groups.
4. Developing breeding plans. Target determination.
5. Sharing information of participants’ genetic resources
Fund raising

1. Participants’ budget?
2. Seeking international support?
   1. ITPGRFA-FAO?
   2. UNDP?
   3. JAIF?
3. Private fund?
   1. Seed company?
   2. Agricultural company?