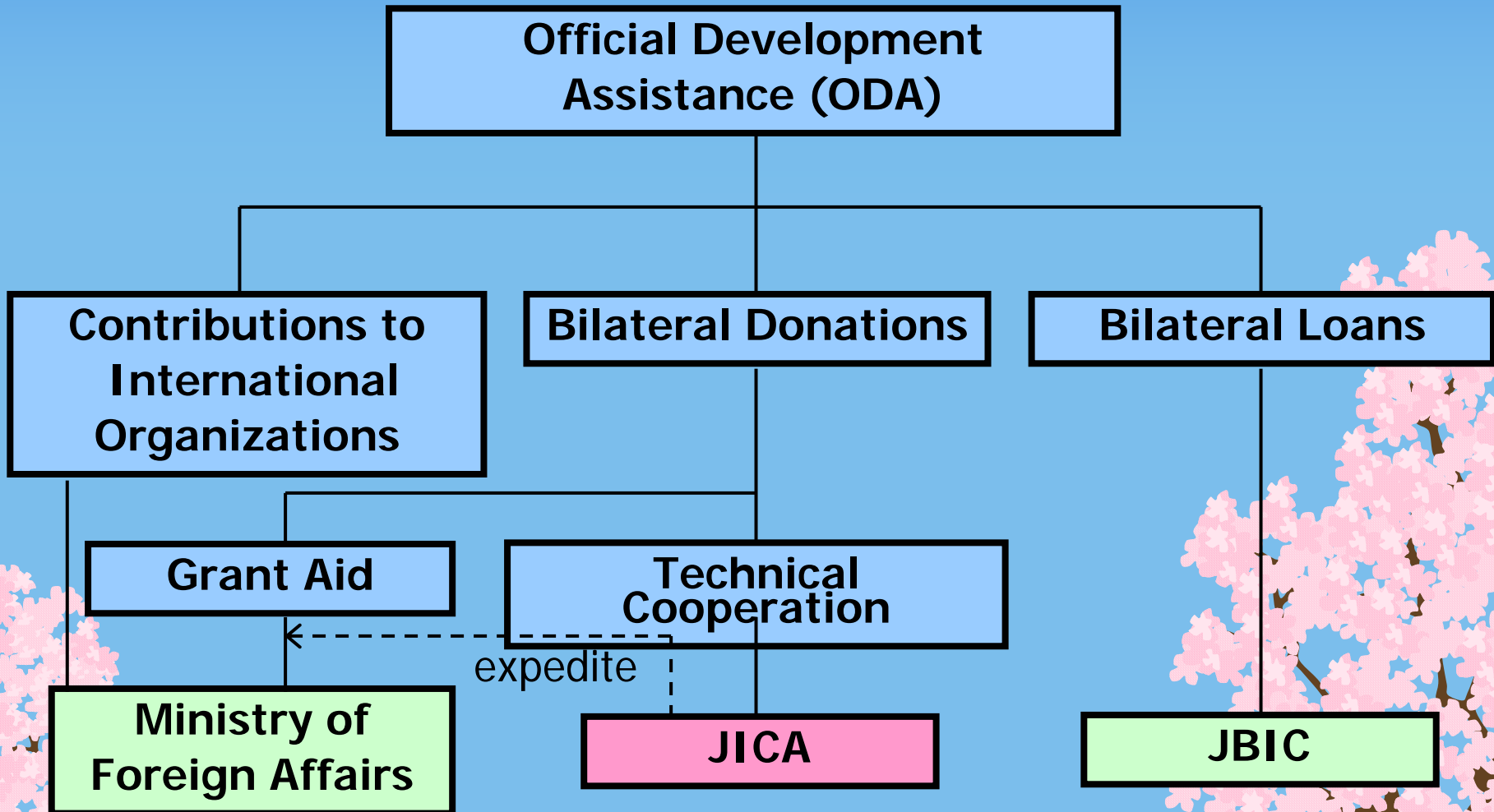


JICA'S Cooperation for Africa in Agriculture and Rural Development

NISHIMAKI Ryuzo
Senior Researcher
JICA

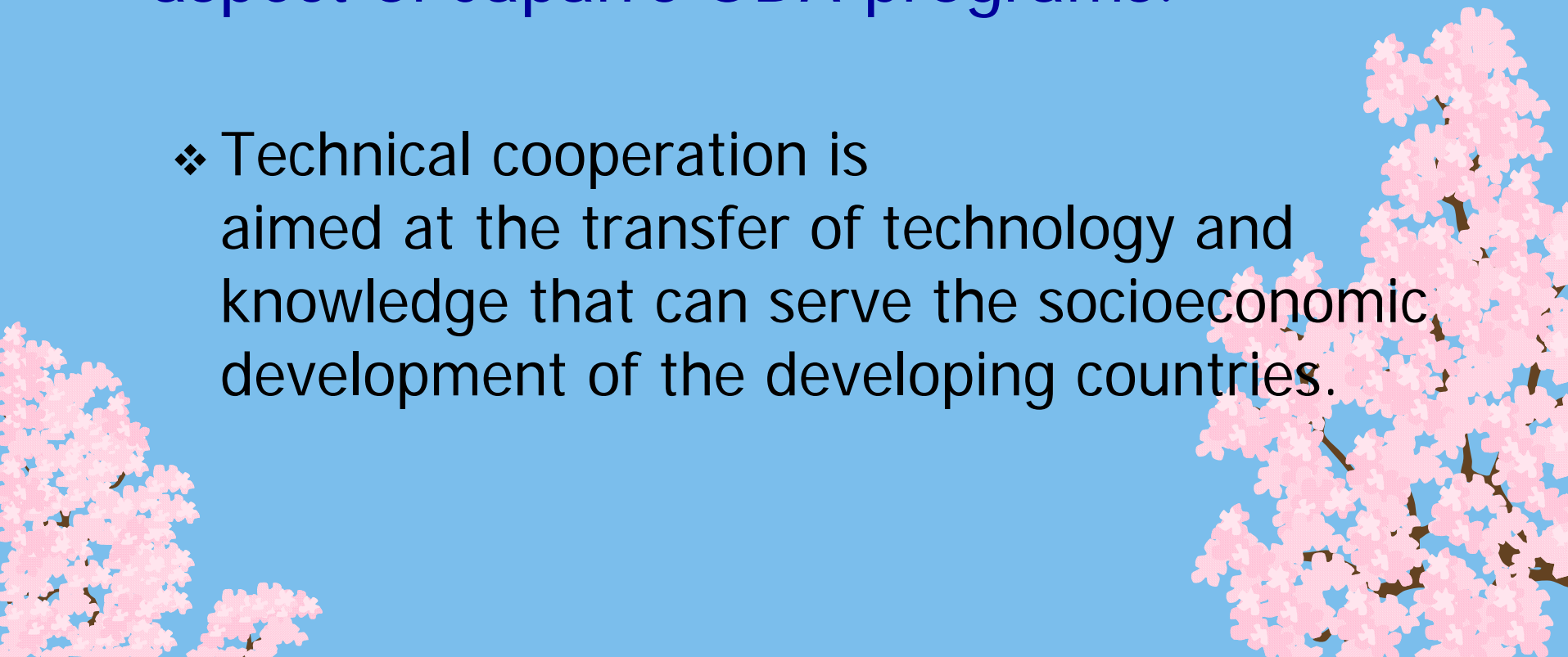


Categories of Japanese ODA



JICA's Role

- ❖ JICA is responsible for the technical cooperation aspect of Japan's ODA programs.
- ❖ Technical cooperation is aimed at the transfer of technology and knowledge that can serve the socioeconomic development of the developing countries.



Japan's ODA Policy

❖ Priority Issues and Sectors

quoted from the Medium-Term policy on ODA (1999)

❖ Support for poverty alleviation program and Social Development

- ❖ "To reduce regional disparities, **assistance will be provided** for promoting the key rural industries of **agriculture, forestry and fisheries.**"

❖ Responding to Global Issues – Food

- ❖ "**actively support** developing countries in their efforts **to increase food production**"
- ❖ "**assistance for agricultural sector**, including assistance for food production and rural development, can play **a crucial role in reducing poverty and achieving sustainable development**"

Recent trend of JICA's Cooperation

❖ Human Resource Development

Engineers,
Specialists,
Administrators

PLUS

Local Residents,
Village Women
etc.

❖ Emphasis on the "Site"

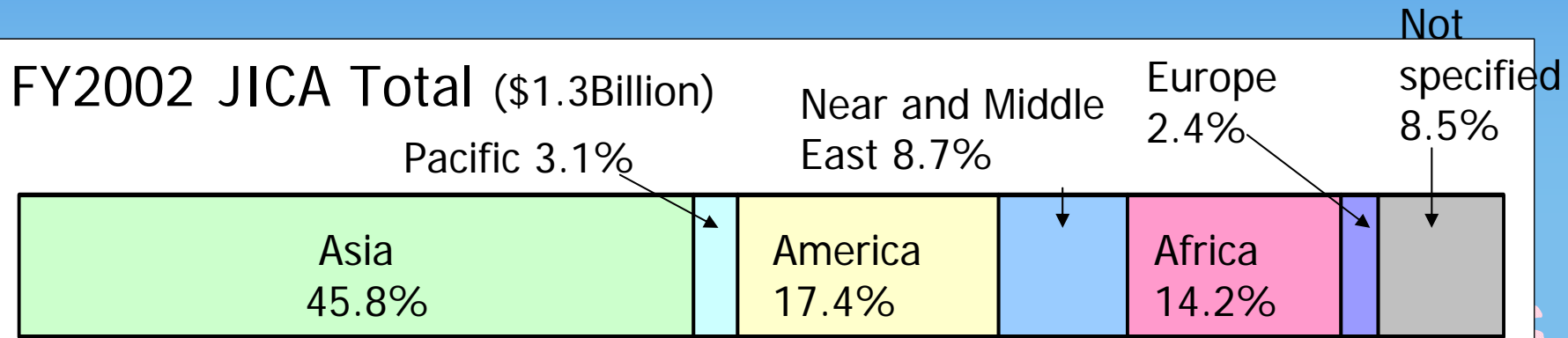
Government,
National Institutes

PLUS

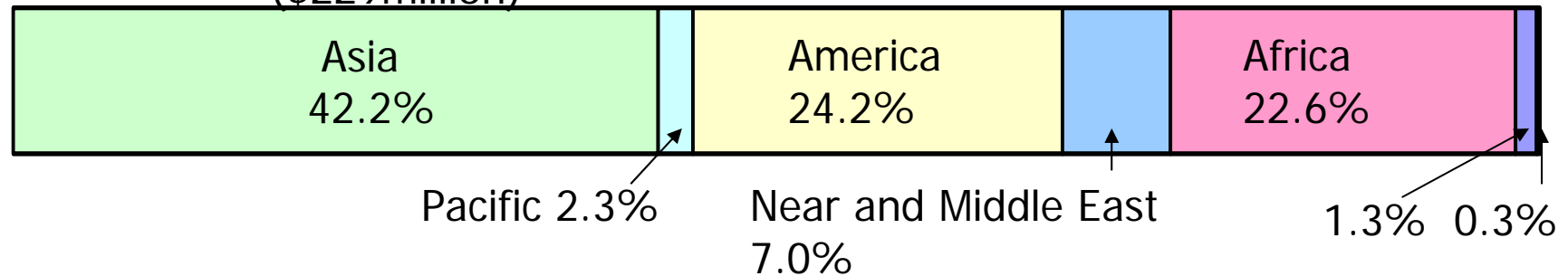
Local Authorities,
Rural
Communities, etc.



JICA's Expenditure by Region



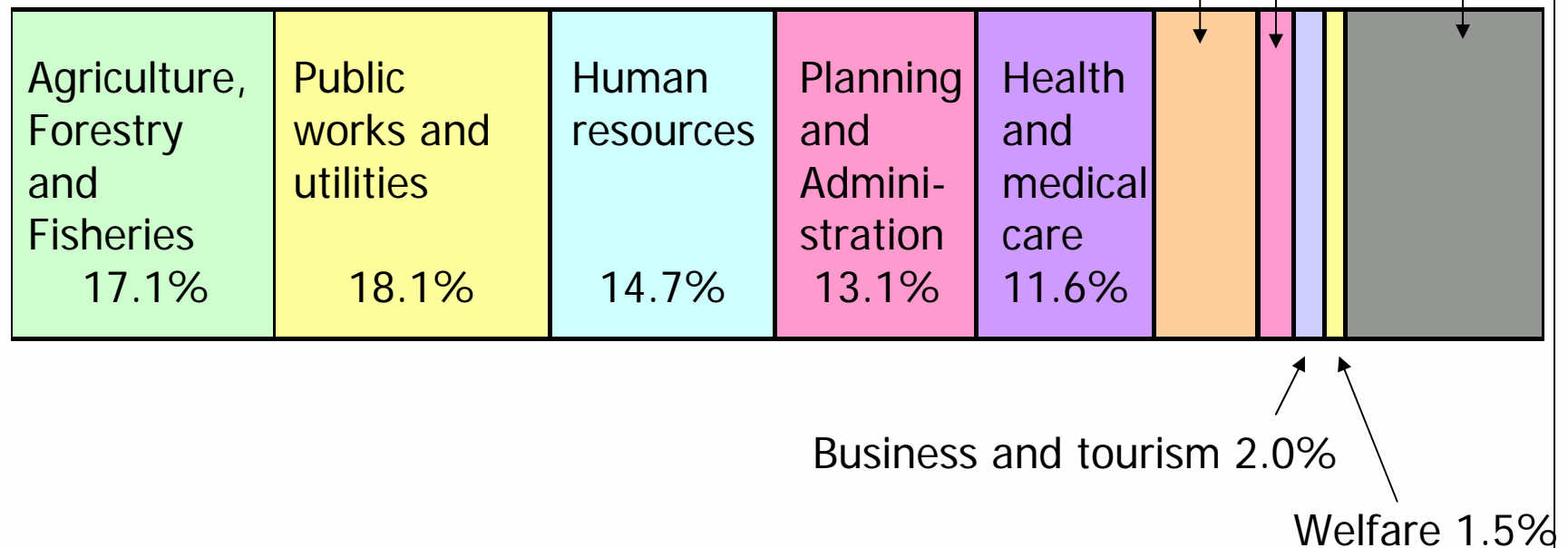
Agriculture, Forestry and Fisheries (\$229million)



JICA's Expenditure by Sector

FY2002

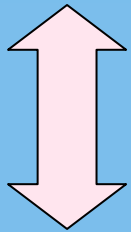
Total US\$1.3billion



Agricultural and Rural Development

❖ Agricultural Development

- ❖ Aiming at improvement of agr. production
 - ❖ Crop production, irrigation, new varieties, etc.



Undividable Close
Relation
Should be well-balanced

❖ Rural Development

- ❖ Aiming at improvement of livelihood
 - ❖ including health, education, small enterprises, etc.

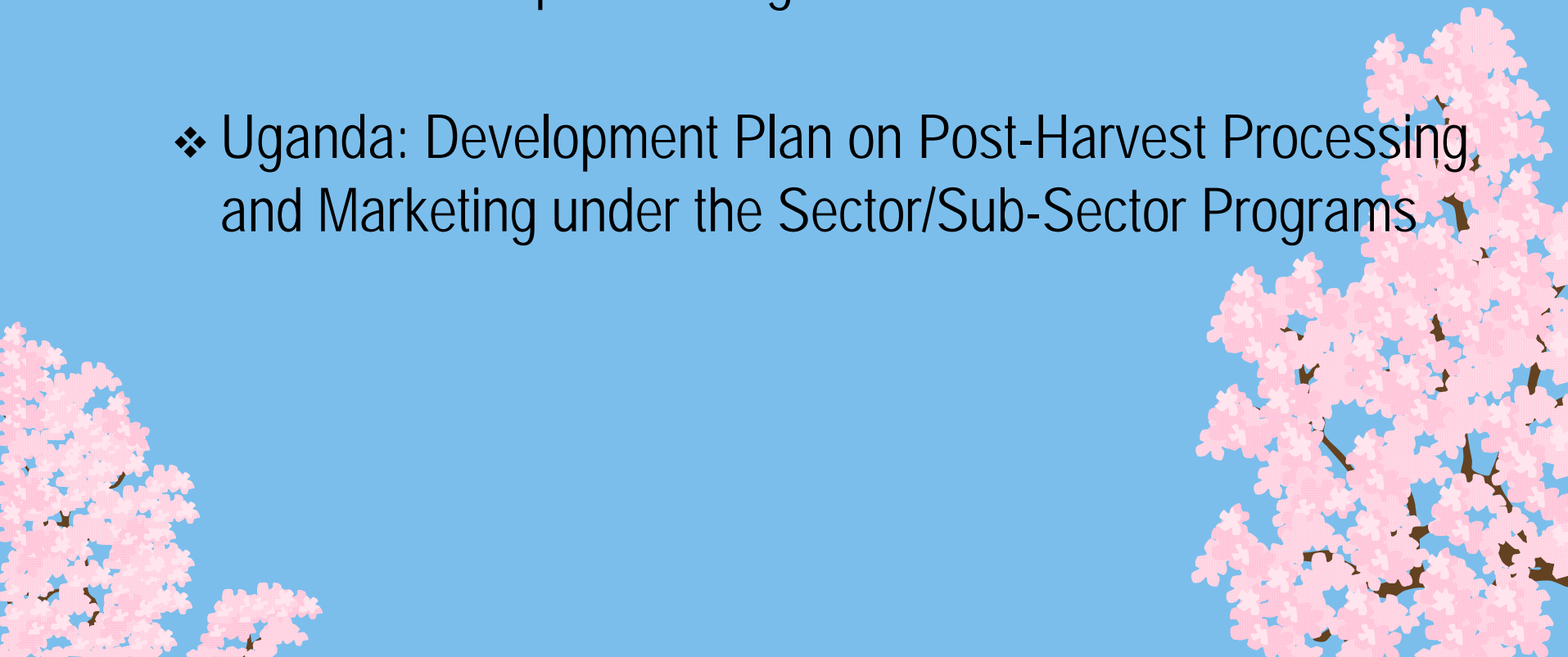
Agricultural Development

- ❖ Production for Food Security
 - ❖ Micro level: Subsistence crops
 - ❖ Macro level: National and regional level
- ❖ Increase Farmers' Income
 - ❖ Increased income from sales of products
- ❖ Sustainable Production Technologies
 - ❖ Soil conservation, efficient water use, low-input farming etc.

Recent Initiatives by JICA for Rural Development (1)

❖ Sector Program Approach

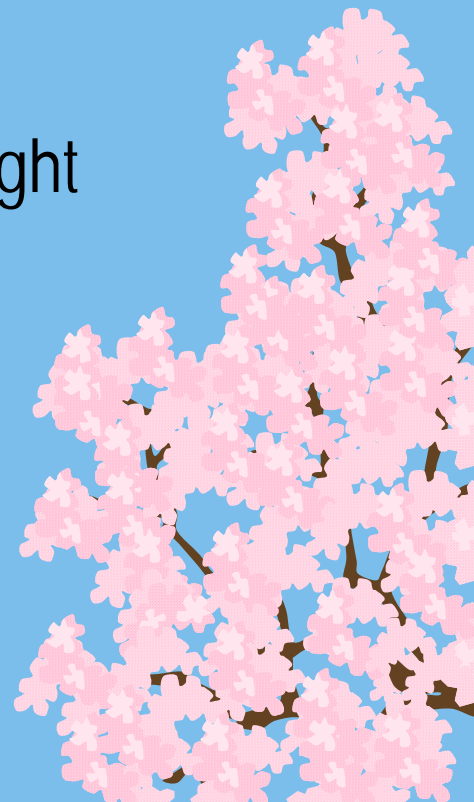
- ❖ Tanzania: Development Study to formulate “Agriculture Sector Development Program”
- ❖ Uganda: Development Plan on Post-Harvest Processing and Marketing under the Sector/Sub-Sector Programs



Recent Initiatives by JICA for Rural Development (2)

❖ Participatory Rural Development

- ❖ Done and on-going in more than 15 African countries such as Kenya, Mali, Mozambique, ...
- ❖ Cooperation with experienced partners sought
FAO (Ethiopia), CGIAR, NGOs,...

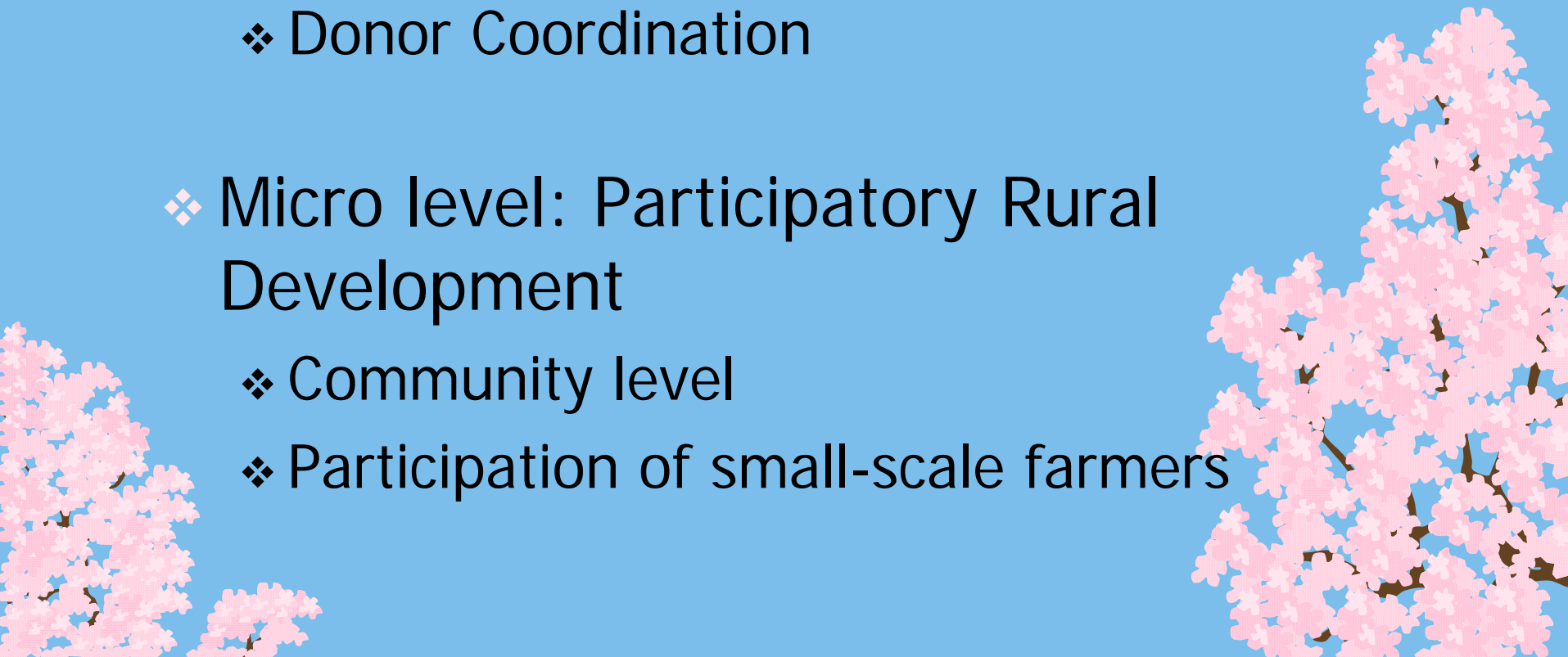


Rural Development

- ❖ Comprehensive Development
 - ❖ health and education components included
 - ❖ promotion of small enterprises
 - ❖ livelihood improvement
- ❖ Residents' Participation
 - ❖ Participation from the planning process
 - Facilitation of local people's activities
- ❖ Protection of the Environment
 - ❖ Careful land use, improved cooking stove, etc.

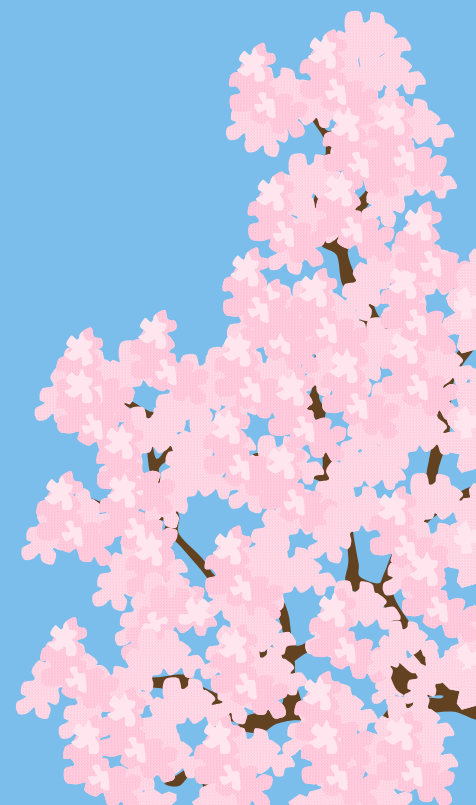
Two Approaches for Rural Development

- ❖ Macro level: Sector Program Approach
 - ❖ Ownership of the Recipient Country
 - ❖ Donor Coordination
- ❖ Micro level: Participatory Rural Development
 - ❖ Community level
 - ❖ Participation of small-scale farmers

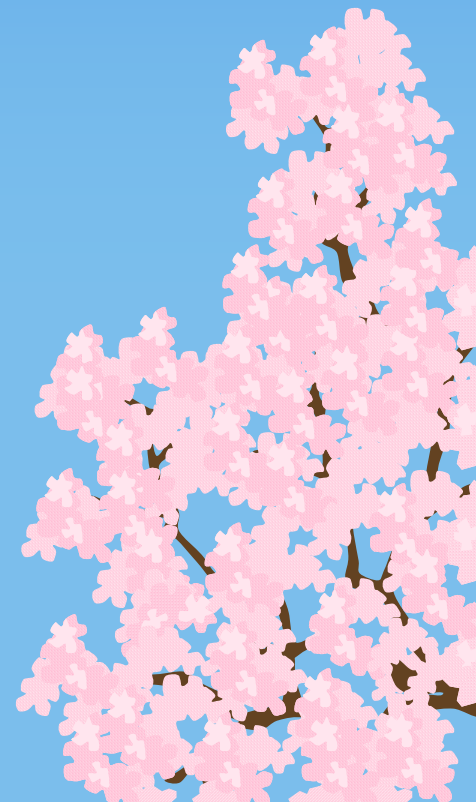


JICA'S Cooperation for Africa in Agriculture and Rural Development

1. Support the Program Approach
2. Participatory Rural Development
3. Improvement of Agricultural Productivity
4. Promotion of Rice Production and
Dissemination including NERICA
5. Prevention of Desertification



Japan's Support to NERICA



JICA's Rice Projects in Africa

- ❖ 1970s-1990s

- Rice production with large scale irrigation

- ❖ Tanzania, Kenya, Mali, Nigeria,...

- ❖ 1990s-

- Participatory projects with small scale irrigation

- ❖ Côte d'Ivoire, Ghana,...



Seed Multiplication of NERICA in SSIAP in Ghana



Seed Multiplication of NERICA in SSIAPP in Ghana



Japan's Support to NERICA (1)

- ❖ Steps for development and dissemination of NERICA and major players
 - ❖ Breeding & Selection
 - Researchers (Farmers, NGOs for PVS)
 - ❖ Multiplication --- Technical experts
 - ❖ Dissemination
 - Extension services, NGOs, Volunteers
 - ❖ Technical improvement
 - Researchers, Technical Experts

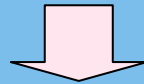
Japan's Support to NERICA (2)

- ❖ Breeding and Selection
 - ❖ Technical support to WARDA:
JIRCAS, Tokyo Univ., (JICA 1980-2000)
 - ❖ Finance to WARDA: through UNDP, CGIAR
 - ❖ Participatory Varietal Selection: NGO (Guinea)
 - ❖ Trials by JICA projects (Kenya, Ethiopia)
- ❖ Multiplication
- ❖ Dissemination
- ❖ Technical improvement

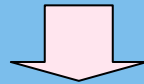
JICA Support to NERICA (1)

Steps toward the Development of NERICA

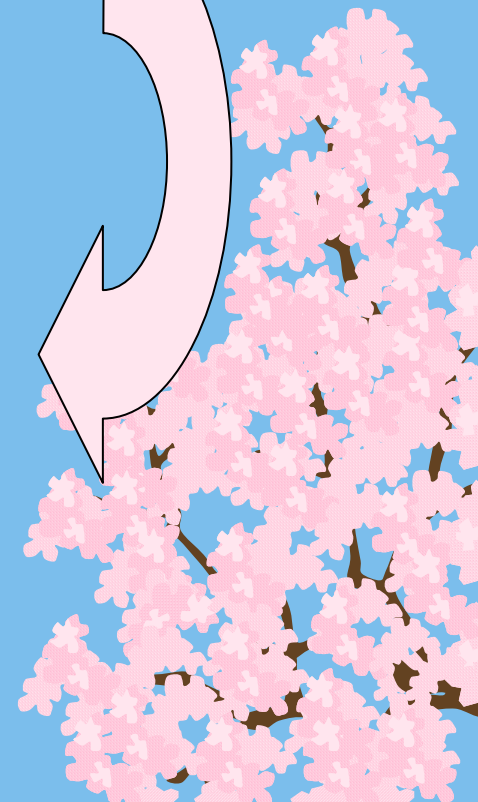
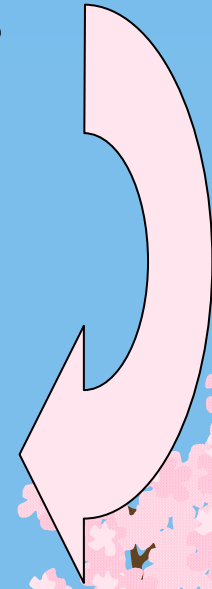
1. Stable supply of qualified NERICA seeds



2. Appropriate cultivation techniques



3. Dissemination of NERICA cultivation



JICA Support to NERICA (2)

Basic approach

- ❖ Strengthening capacity-building activities for each country's researchers and extension entities



JICA Support to NERICA (3)

Support Program

- ❖ Dispatch of JICA Experts

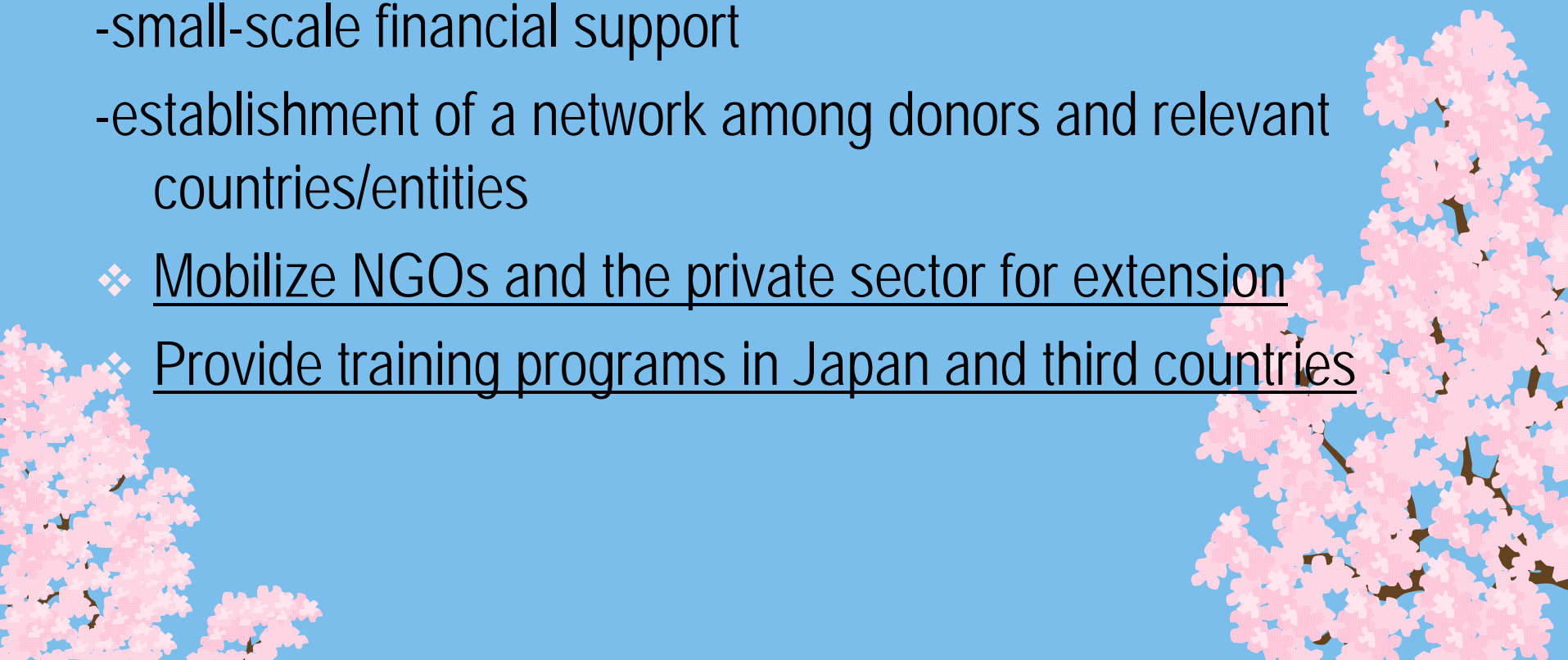
- technical advice

- small-scale financial support

- establishment of a network among donors and relevant countries/entities

- ❖ Mobilize NGOs and the private sector for extension

- ❖ Provide training programs in Japan and third countries



JICA Support to NERICA (4)

Target country/organization

Research-driven

WARDA, Gambia, Mali, Nigeria, Niger,
Senegal, Zimbabwe, Ethiopia, Ghana,
Tanzania, Kenya, Madagascar, Malawi,
Mozambique, Zambia

Extension-driven

ARI, Cote d'Ivoire, Guinea, Uganda