



## **Vision**

Diverse food systems for people and planet

## **Mission**

Innovations contributing to diverse, safe, nutritious, and climate resilient food systems for health, livelihoods, and environment

# Why

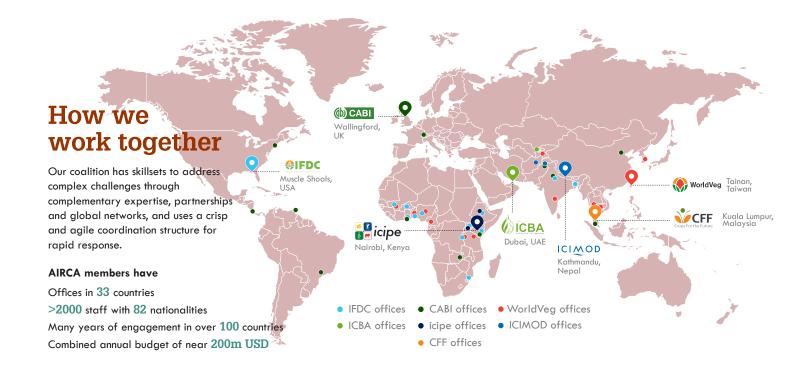
To sustainably address the global challenges of food and nutritional security

For people

- Nutritious, safe and affordable food and food products beyond calories
- Inclusive employment and income opportunities especially for women and youth
- Integrating human, plant, animal and environment health 'One Health'

#### For planet

- Strengthening food systems resilience with a climate change focus
- Safeguarding and valuing biodiversity integrating underutilized crops
- Landscape approaches, enhancing input use efficiency, reducing waste promoting circularity



# Valuing diversity

- Promoting gender equality and inclusive development
- Creating value from underutilized crops, vegetables, insects, spices, herbs, fruits, nuts, and trees
- Valuing traditional knowledge
- Considering supply and demand issues in a food systems context
- Responding to migration and urbanization
- Addressing plant, soil and animal health for resilient food systems and nutrition
- Using landscape approaches for ecosystem resilience focusing on marginal environments like mountain systems and saline lands
- Tackling urgent and upcoming problems like invasive species, new pests and diseases
- Building resilient food systems and societies within safe planetary boundaries

# AIRCA contributes to achieving priority SDGs





SDG 1 No Poverty



**SDG 2** Zero Hunger



**SDG 4**Quality
Education



**SDG 5** Gender Equality



SDG 12 Responsible Consumption and Production



SDG 13 Climate Action



SDG 15 Life on Land



**SDG 17**Partnerships
for the Goals

# For people and planet

#### **Malnutrition**



"Hidden hunger" or micronutrient deficiencies affect around

## 2 billion people

and at the same time **2 billion people** are obese

### **Agro-biodiversity**

Over 7,000 crop species have been grown throughout our history



we depend on fewer than

20 for most of our dietary needs

of global calories are provided by only four staple crops – wheat, rice, maize and potatoes

#### Livelihoods

Growth in the agriculture sector is two to four times more effective in raising incomes among the poorest compared to other sectors.

2/3

of poor working adults made a living through agriculture.

1/3

of global gross domestic product is agriculture and is thus crucial to economic growth



Livestock, ICIMOD

