

# IFAD

Corporate Induction &  
Senior Management  
Meet-and-Greet

## **Nutrition: Neglected and Under-utilised Species (NUS)**

ECG/Office of Technical Division  
Tuesday, 11 February 2025



Investing in rural people



# GLOBAL ENGAGEMENT FRAMEWORKS AND INITIATIVES



IFAD has made commitments on nutrition, tracked on an annual basis



IFAD is a member of the steering committee



Includes 60 countries that have committed to reduce malnutrition



Coalitions: School meals, Healthy diets, Zero hunger



Global and national level, IFAD is a member of the steering committee and active at country level



World's premier forum for African agriculture and food systems

Rome Base Agencies RBAs & Group of Friends (GoFs) in Nutrition

# Flagship: Neglected and Under-utilised Species (NUS)

Agricultural biodiversity (agrobiodiversity) is a strategic asset to fight food and nutrition insecurity, climate change vulnerability, and poverty



Food crops are estimated at 5,000 species yet global food systems are dominated by just 3 crops: rice, maize, and wheat that make more than 50% of human plant-based caloric intake and cover 40% of arable land globally

There are around 8800 livestock breeds of 38 different species in the world, providing a diversity of products and services (FAO)



**RISK:** Disappearance of crop and animal species diversity from production and food systems; Increased susceptibility to pests, diseases and infections for agri-food systems

# WHY Neglected and Under-utilised Species (NUS)

- NUS include wild, semi- or fully domesticated plants from various food groups with diverse growth forms (field crops, trees, shrubs, vines, and others).
- NUS also include livestock species and fungi. NUS are an integral part of local cultures and food traditions.
- Diversity and nutritionally rich foods aligned to local needs and customs
- Fostering a climate-change-resilient food system by integrating traditional risk-management practices
- Empowering women, youth, Indigenous Peoples, to leverage their knowledge and generate income





# Farmers and Indigenous Peoples custodians of biodiversity and Community Seed Banks in Bolivia

**La Paz (Province Los Andes, municipalty Puerto Perez, community Cachilaya, 3815 MSL)**

**Don Ricardo Vargas**

Papas (15), Oca (6)  
Quinoa(1), Cebada(1)  
Forraje(1)

**Doña Viviana Herrera**

Papas (90), Quinoa(11)  
Cañahua (2), Cebada(1),  
Trigo(2), Frijol(12)

**Don Elias Vargas**

Papas (38),  
Quinoa(3), Cañahua  
(3), Oca (9)



**Cochabamba (Province Chapare, municipality Colomi, 3200 – 4200 MSL)**

**Don Teodoro Arroyo**  
**(comunidad Pico Central)**

Papas (17), Oca (3)  
Papalisa (1), Isaño (2)  
Lupina (1)

**Don Martín Céspedes**  
**(Comunidad P'alta Loma)**

Papas (14), Oca (3)  
Papalisa(1), Isaño(2)  
Lupina (1)

**Doña Laurena Gonzales**  
**(community Kanko)**

Papas (23), Oca (4)  
Papalisa(2), Isaño(2)  
Lupina (3), Haba (2)



**Cochabamba (Province Ayopaya, municipality Morochata, 2800 – 3400 MSL)**

**Don Casiano Ruiz**  
**(Comunidad San Isidro)**

Papas (35), Maíz(4), Quinoa(2)  
Papalisa(3), Isaño(3), Lupina  
(4), Haba (1)

**Don Juan Alvarez**  
**(Comunidad Tuini Chico)**

Papas (3), Maiz (6), Amaranto (1)  
Frijol (1), Cucurbitáceas (3)  
Cebada (1), Trigo (1), Haba (1)  
Guisante (1)



## Other Initiatives

- East and Southern Africa, Kenya

<https://www.youtube.com/watch?v=KaT8OO37jy4>

- Pacific, Kiribati

<https://www.ifad.org/en/w/projects/1100001708>

## Contact

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# Thank You