

PACE-NET Plus Platform
of bi-regional policy dialogue
Brussels, 23-24 June 2016

FOOD / NUTRION SECURITY AND AGRICULTURE AND FOOD SYSTEMS IN THE PACIFIC



Raghunath Ghodake
Asia-Pacific Association of
Agricultural Research
Institutions (APAARI)

FOOD AND NUTRITION INSECURITY: MANIFESTATIONS

- **Food and nutrition insecurity prevalent in different forms, kinds and dimensions**
- **Highly variable within countries and across countries and in various segments of communities**
- **Mal-nutrition because of protein, vitamins and mineral deficiencies**



FOOD AND NUTRITION INSECURITY: MANIFESTATIONS (Continued)

- **Pregnant women and children (less than 5 years) are most vulnerable**
- **Life style diseases – diabetic, heart diseases, obesity, etc.**
- **Food inaccessibility/ unavailability in balanced form**
- **Seasonal hungry periods – droughts, frosts, heavy flooding El-Nino and La-Nina**



AGRICULTURE AND FOOD SYSTEMS

- **Small island, remote, isolated nations**
- **Smallholder semi-subsistence agriculture – subsistence affluence**
- **Indigenous technologies and low base and level of science, technology and innovations**
- **High variability in agricultural productivity, resource base, population pressure/densities within and across countries**

AGRICULTURE AND FOOD SYSTEMS (Continued)

- **Severely affected due to climate change and environment/resource degradation**
- **High level of scale diseconomies/ low domestic demand**
- **Low land and labor productivity**
- **High dependency on only a few export commodities**
- **Low value addition/export of primary products and price takers**

AGRICULTURE AND FOOD SYSTEMS (Continued)

- **Comparative disadvantage/heavy dependence on imported inputs/ high domestic resource cost**
- **Restricted land reforms**
- **Lack of effective policies based on research and practice**
- **Lack of regional integration – science, technology, and innovation and trade**



THANK YOU FOR ATTENTION