



# Sharing of Key Updates/Priorities for Cambodia Rice Sector Development

20<sup>th</sup> Annual Meeting of the Council for Partnerships on Rice Research in Asia

25-26 October 2016

Central Park Hotel Songdo Seoul, South Korea

# 1. Rice Research and Development Priorities (2017-2021): Farm Level

- Increasing net profit through using high yielding varieties, high quality varieties and high quality seeds
- Simple technology package with low inputs
- Effective use of machineries and crop diversification
- Available market

## 2. Rice Research and Development Priorities (2017-2021): National Level

- Accelerating germplasm conservation and utilization
- Rainfed lowland: Improving popular varieties for flood, drought and lodging tolerance; for BLB, RB and BPH resistance; and high yielding
- Irrigated rice: Breeding for very early maturity with high yielding and quality, heat tolerance, BPH and RB resistance, and high water use efficiency.

# 3. Rice Research and Development Challenges

- Limited human resources and capacity
- Limited research facilities including biotechnology
- Unclear international markets and strong competition
- Limited budget

## 4. Priorities for Collaboration with IRRI and/or other partners

- Training MSc, PhD and on the job
- Conventional and biotechnology breeding for resistance and nutrition value
- Breeding for very early maturity
- Value chain study