



Global Rice Science Partnership (GRiSP)

CGIAR is a global research partnership for a food secure future

Results of CORRA-GRiSP Workshops on National Rice Sector Strategies (Malaysia & India, 2014).

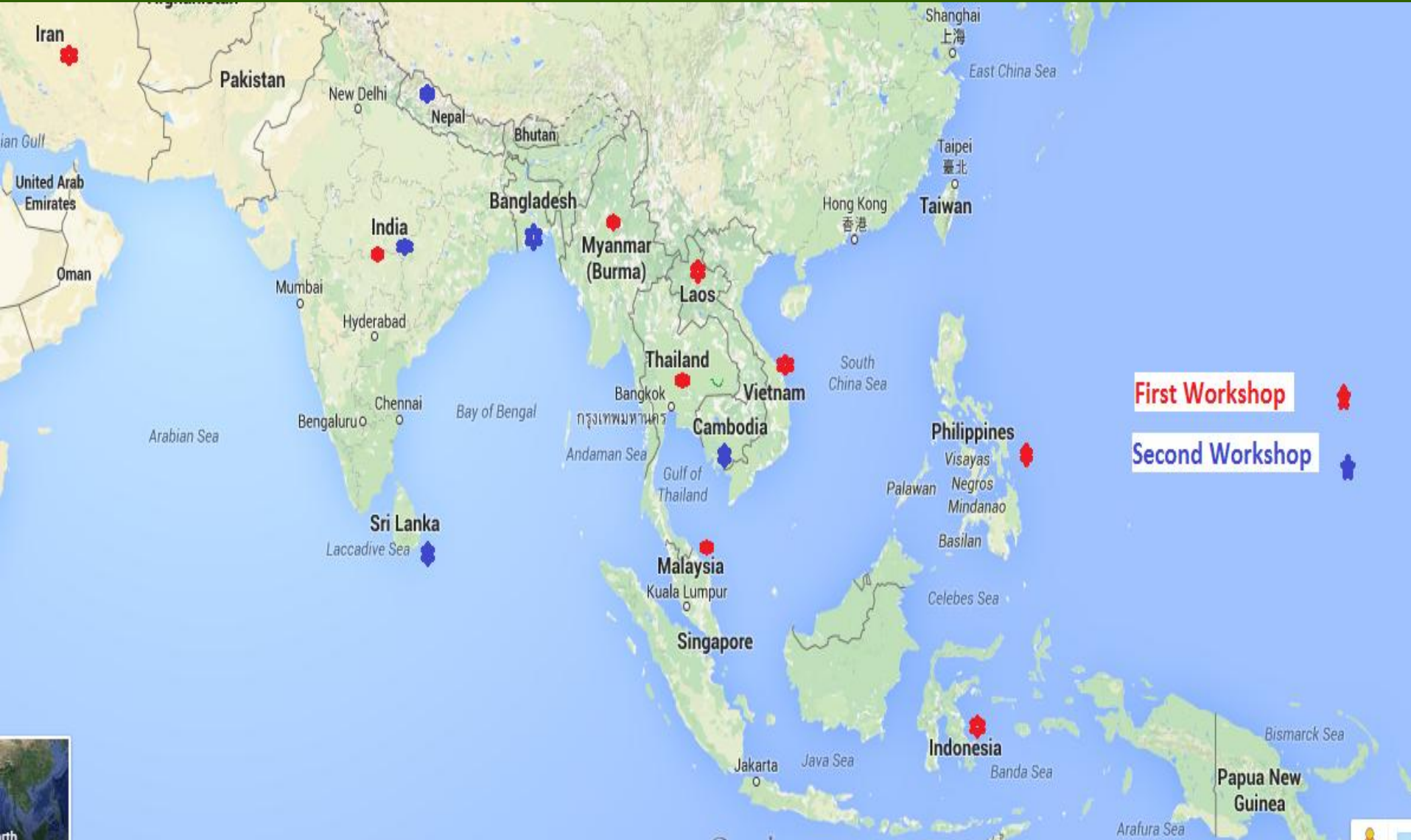
Hope Webber,
Senior Scientist M&E Specialist

Objectives of the Workshop

- Initiate a systematic inventory of national rice research & development strategies in Asia.
- Analyze coverage and relevance of GRiSP IDOs to countries NRDS
- Identification of commonalities and specificities in the strategies that can 'inform' GRiSP
- Propose a roadmap on how development outcome indicators and quantitative targets can be set and monitored.



Countries that Participated



GRiSP Intermediate Development Outcomes (IDO)

- 1. Increased rice production that meets local and global demand.
- 2. Increased profitability for rice producers and increased rice affordability for consumers.
- 3. Increased efficiency and value added along the rice value chain.
- 4. Increased sustainability and reduced environmental footprint of rice production.
- 5. Increased health and nutrition from rice and from diversification.
- 6. Increased capacity and resilience in the rice sector.
- 7. Gender equity empowerment.



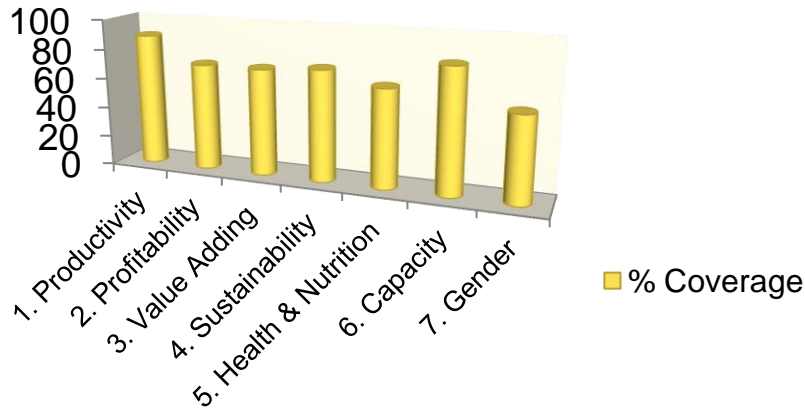
Group Discussion Questions

- **Country Reports and GRiSP IDOs :**
 1. Did the country reports cover any of the seven GRiSP IDOs?
 2. Are the IDOs relevant for the countries?
 3. Are there commonalities among country strategies?
- **Monitoring progress towards R&D Outcomes:**
 1. Do most countries have a logical link between rice sector development goals and research objectives?
 2. Are there underlying impact pathways (from research to product development to development outcomes)?
 3. Do countries have a system in place to monitor progress towards rice development outcomes (indicators)?
 - 3.1. Who can be contact point for collecting indicators?

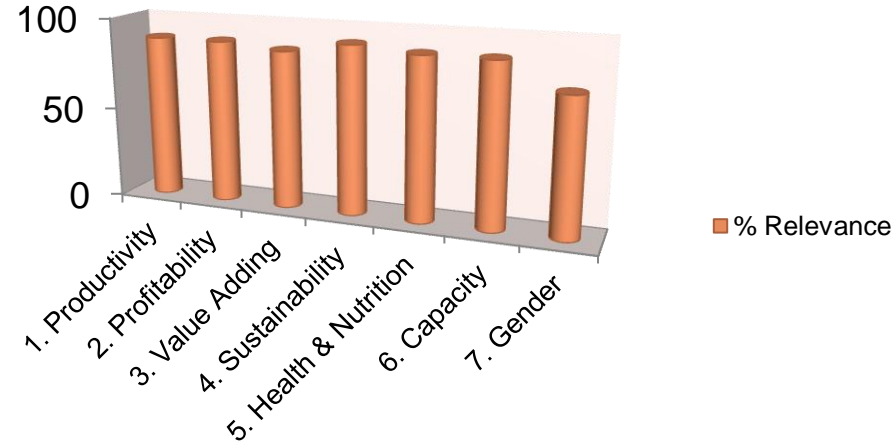


Relevance of IDOs and Coverage in NRDS of 7 Asian Countries

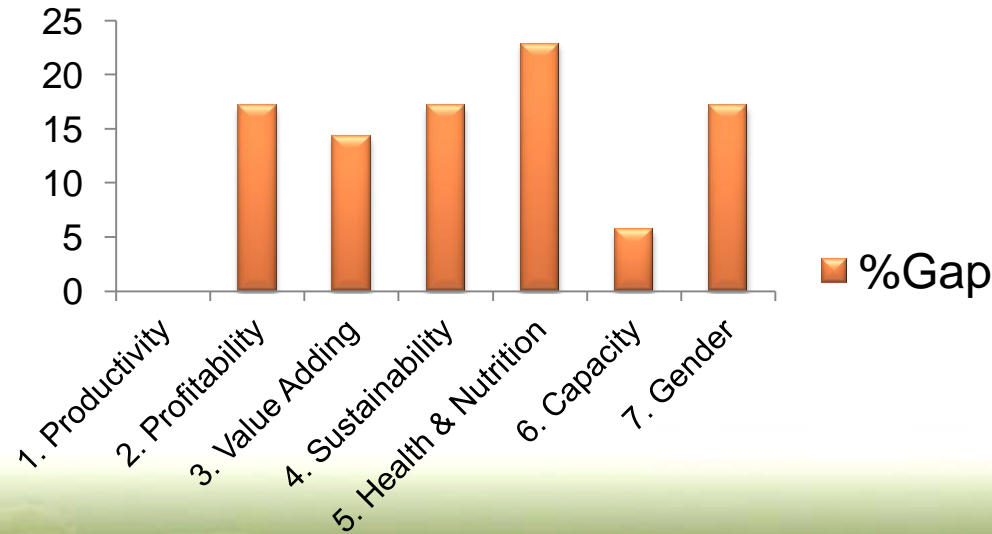
Coverage



Relevance



Diff.(Relevance - Coverage)



Countries: Bangladesh, Cambodia, India, Nepal, Sri Lanka, Malaysia, Myanmar

Gaps to be addressed.



Listed common interest by countries

- Share genetic materials for national breeding programs
 - high yield (new plant types, super rice),
 - high quality rice, pest resistance,
 - tolerance of abiotic stress (drought, submergence and salinity)
- Joint release of improved rice varieties
- Conduct common basic studies on rice sciences
- Build capacity of rice farmers,
- Technology transfer,
- Plant protection: insect pest migration warning systems



Logical link between rice sector development goals and research objectives

- All countries expressed importance of rice R&D to support their rice sector development programs
- Logical link especially articulated by India, Indonesia, and Thailand
- Rice importing countries related R&D to strengthening of rice production for food security
- Rice exporting countries related R&D to strengthening of export opportunities



Impact pathways (from research to product development to development outcomes)

- Thinking about impact pathways can strengthen R&D plans; currently not much expressed in country strategies.
- Systematic monitoring progress towards impact can inform investment decisions; currently not much expressed in country strategies.
- GRISP may provide an overarching framework to develop and test impact pathways:
 - Joint pilot sites: formulate indicators, set targets, and develop monitoring scheme. Contact points to initiate work agreed for India, Indonesia, and Thailand

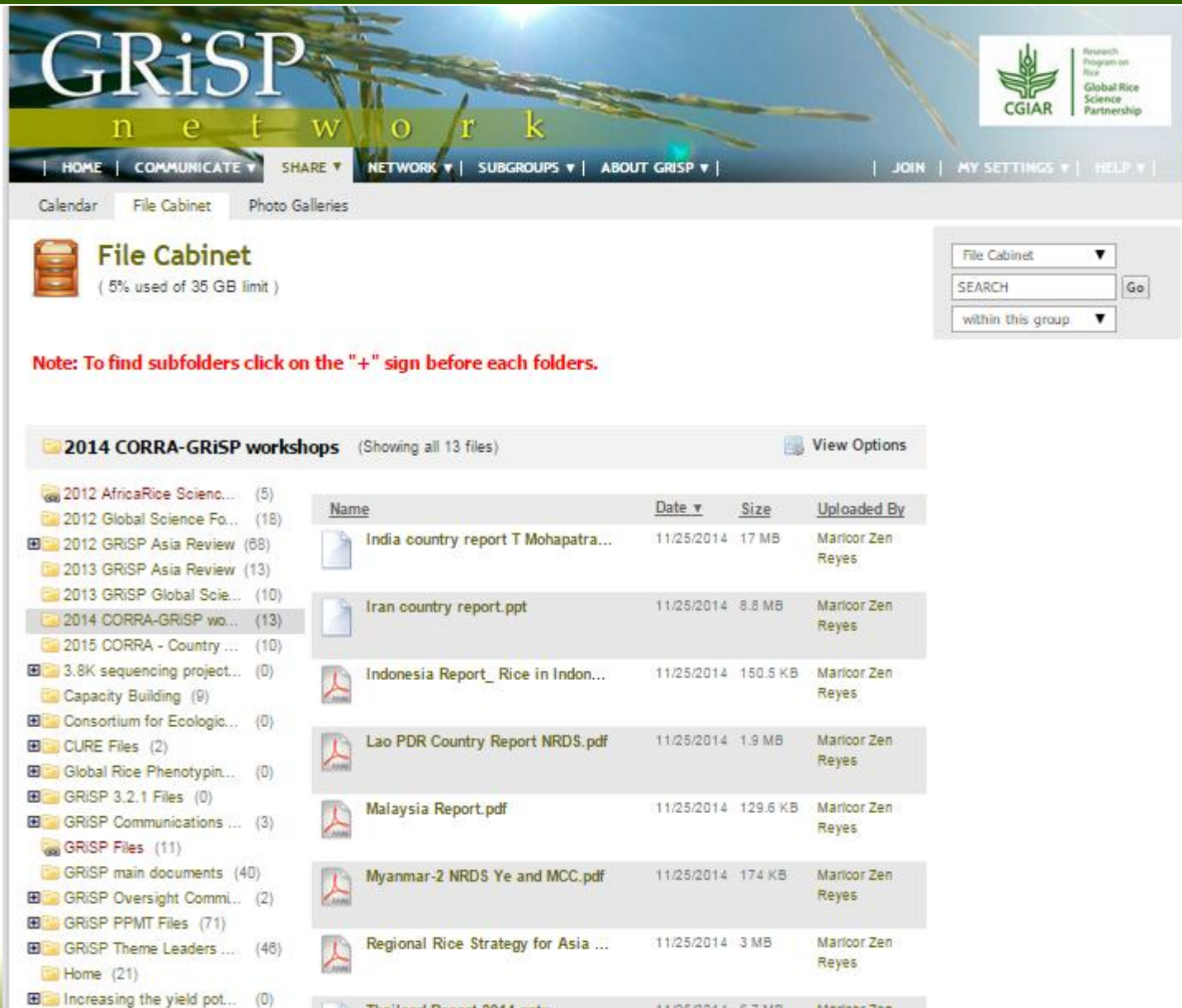


National Targets

1	Indicators	Malaysia	Targets		
		2013	2014	2015	2016
3	Population (millions)	29.6	30.2	30.8	31.4
4	Population growth per annum	2%	2%	2%	2%
5	Total rice area ('000 hectares)	688	690	700	710
6	Average rice yield (t/ha)	3.8 to 4.7	4.0 to 5.0	4.2 to 5.4	4.4 to 5.6
7	Rice production (m tons paddy)	2.6 m (paddy); 1.6m (white rice)	2.7 m (paddy); 1.7m (white rice)	3.0 m (paddy); 1.86m (white rice)	3.15 m (paddy); 1.95 m (white rice)
8	Total Rice consumption or per capita in kg/yr	79 kg/yr	78 kg/yr	77 kg/yr	76 kg/yr
9	Rice Import (tons)	1.0 million	1.1 million	1.0 million	0.95 million
10	Rice Export (million metric tons)	nil	nil	nil	nil
11	Rice export value	nil	nil	nil	nil
12	Self sufficiency level (%)	61	61	65	67
13	Land holding size (ha/household)	1.3	1.32	1.33	1.35
14	No of rice farmers	296,000	290000	285000	280000
15	Rice farmer's annual income	72,000	72,000	72,000	72,000
16	Value cash crops	RM1.1 million	RM1.14 million	RM1.18 million	RM1.22 million
17	Ratio to GDP (%)	0.144%	0.139%	0.134%	0.130%
18	Rice Price	RM1200/mt (paddy)	RM 1200/mt	RM1200/mt	RM 1200/mt
19	Rice ecosystems	385,683 ha (physical lowland area)	385,000 ha	384,500 ha	384,000 ha
	Cropping seasons	Season 1: March to July/August; Season 2: September to	Season 1: March to July/August; Season 2: September to	Season 1: March to July/August; Season 2: September to	Season 1: March to July/August; Season 2: September to



CORRA – Asia Data on NRDS



GRiSP network

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Welcome to GRiSP Monitoring and Evaluation System (GRiSP M&E)

GRiSP M&E is a results-based management tool for planning, monitoring, evaluating and generating reports for management decision making. It is a backbone for managing IRRI research and development programs/projects data, reporting on the GRiSP intermediate development outcomes (IDO) indicators and impact assessment. GRiSP centers (IRRI, AfricaRice, and CIAT) and partners are able to login and enter data online. Data on IDO indicators at global, national and action sites levels are displayed online for public viewing, searching and downloading.



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Recommendations

- GRiSP seems suitable platform for sharing national rice strategies and developing co-learning
- GRiSP development outcomes on production increase, profitability and efficiencies in value chains match best most country priorities; second tier priorities include nutrition and health, and gender equity
- GRiSP as mechanism to strengthen the development of impact pathways, and of harmonized monitoring systems to track progress towards targeted development outcomes – from pilot sites to national level



Thank You

