Tackling the Gulf of Mexico Dead Zone - MRCC
Experience in collaboration

- Asset Management & Private Equity funds: 7%
- Financing Organisations: 7%
- Foundations: 8%
- Governmental Agencies: 42%
- Direct Competitors: 42%
- Development & Cooperation agencies: 50%
- Suppliers/Clients in the value chain: 57%
- NGOs & Technical Implementing Agencies: 58%
- Research Institutes: 79%

Experience categories: Low experience, Medium experience, High experience.
We are open to collaboration!

Direct Competitors
Asset Management & Private Equity funds
Financing Organisations
Foundations
Governmental Agencies
Suppliers/Clients in the value chain
Development and Cooperation agencies
NGOs & Technical Implementing Agencies
Research Institutes

Low experience | Medium experience | High experience

Experience | Willingness
Low experience | Medium experience | High experience

No willingness | Maybe willing | Open to collaboration
Preferred forms of collaboration

- With competitors on pre-competitive sustainability topics (90%)
- With non-competitive companies (80%)
- With value chain actors directly (70%)
- International industrial roundtable (50%)
- Through donation and/or aid/ cooperation agencies (20%)
- International, multi-stakeholders roundtable (10%)
- Through company foundation outside value chain (0%)
GHG emissions from rice fields

Mostly methane - 21 CO₂ eq

- Forestry, 17.4%
- Agriculture (w/o rice), 12.0%
- Rice, 1.5%
- All others 69.1%

(IPCC 4th AR, 2007)
GHG emissions from rice in South East Asia

Mitigation and adaptation reflected in NDCs

Discussing INDCs improvement with country representatives at SBSTA44 in Bonn

Agriculture in the INDCs
- Mitigation target and adaptation priorities include agriculture
- Mitigation target includes agriculture
- Adaptation priorities include agriculture
- No agriculture in INDC
- No INDC
Mitigation potential of AWD: Results from farmers’ fields

Sander et al., manuscript in preparation
Value Chain Partners

- **Members from ASEAN BCSDS**: Vietnam, Indonesia, Thailand, Singapore, Philippines
- **Private Sector Members**: Kellogg Company, Olam, Rabo Bank, Yara, Monsanto, BASF, Syngenta, Bunge, Cargill, Louis Dreyfus, Bayer, DSM, PwC, Mars, Corteva
- **Research organisations**: CCAFS, IRRI and the Global Research Alliance
- **Aid and donor agencies**
- **Implementing Agencies**: UN Environment, GIZ, FAO
- **NGOs**
Good for Business
increased smallholder supply network from 3,000 to 19,569 farmers.
applying best practice processing efficiencies, the company saved $460,000 compared with the previous season.

Good for Society
net annual revenues rise from $200 in 2009 to $1,200 in 2015
improved 610km of roads and built 12 storage facilities.
Which types of collaboration hold the greatest latent potential for impact & scale?

- Structurally complex multitude of contributors, geographies and value chains
- Collaboration within a geographic and demographic reach
- Actors within the same value chain
BETTER ALIGN FINANCING CONSERVATION AND AGRI PRODUCTION

International public funding conservation

Domestic public funding conservation & agri production

International companies & private finance

Ministry of Environment
Ministry of Finance
Ministry of Agriculture

Reduce deforestation/degradation, restore degraded land & improve agricultural value added

UN-REDD Programme
Norwegian Ministry of Climate and Environment
Forest Carbon Partnership
FOREST Investment Program (FIP)
GREEN CLIMATE FUND
HSBC
00 Ahold
Carrefour
Tesco
Walmart
Danone
Garanti
Nestle
De key
Mars
Olam
WBcSD Climate Smart Agriculture
Thank you

Matthew Reddy  reddy@wbcasd.org

www.wbcasd.org

@wbcasd