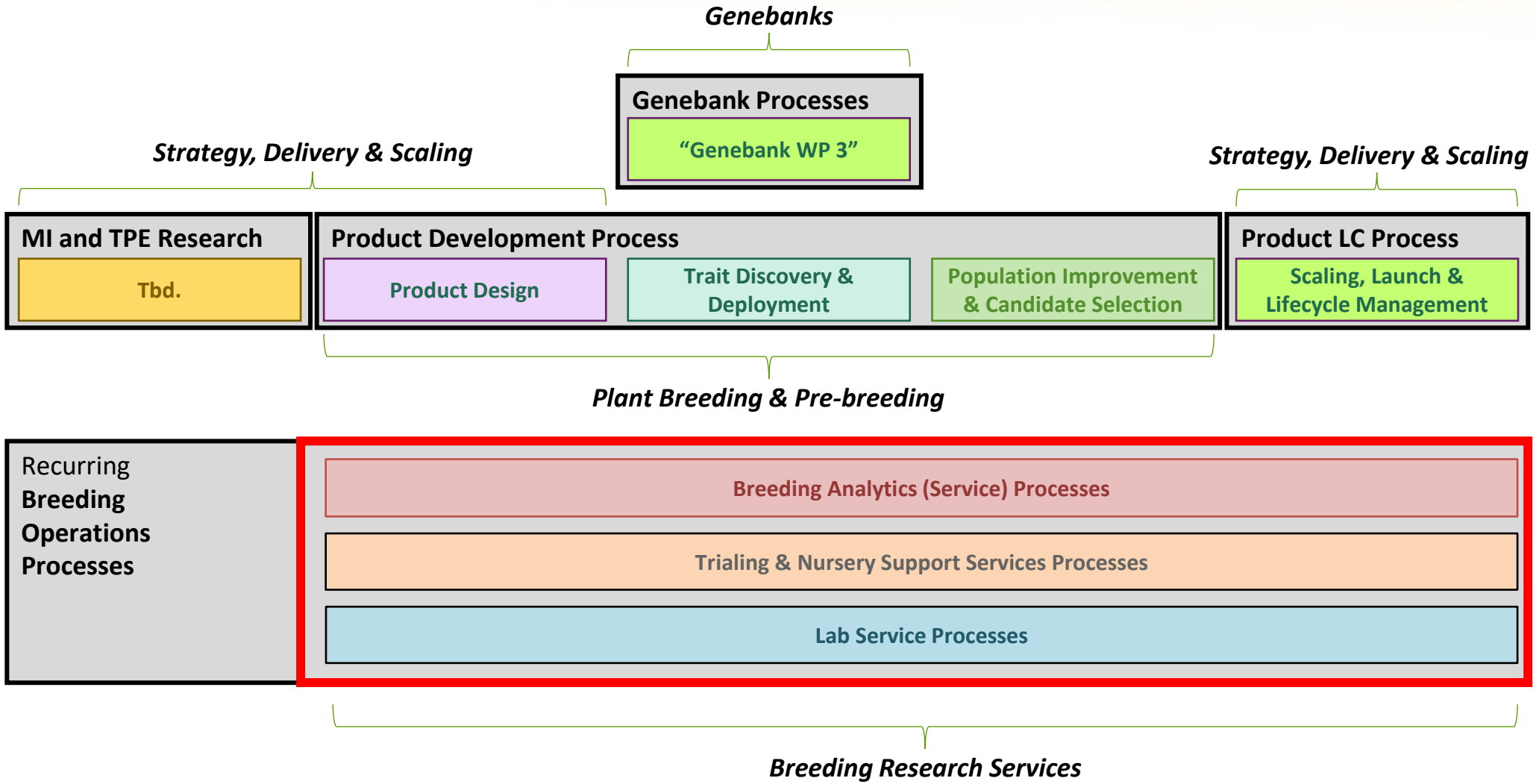
CGIAR
Science for a food-secure future

Process Management / Quality Management System

Dec. 6th, 2023

CGIAR Breeding Process Model (BPM)



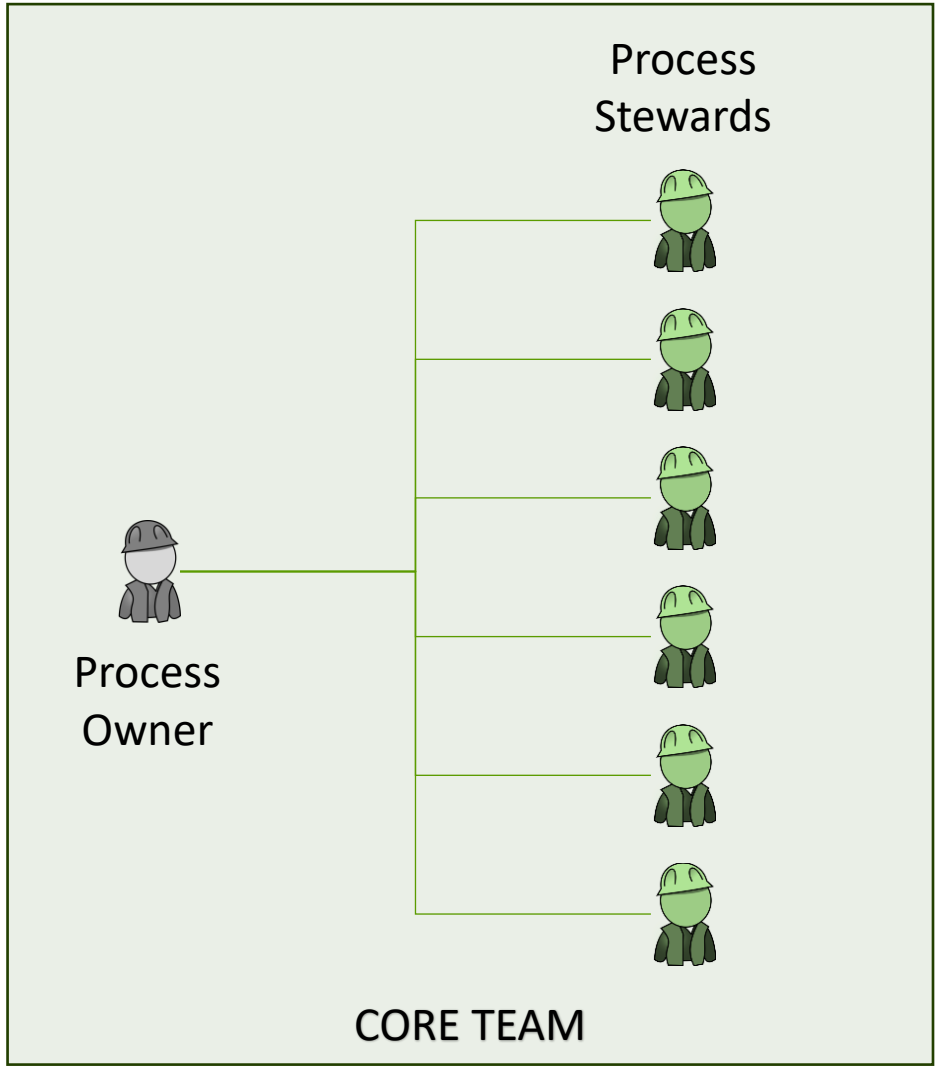
Mi = Market Intelligence; TPE = Target Population of Environments; LC = Lifecycle

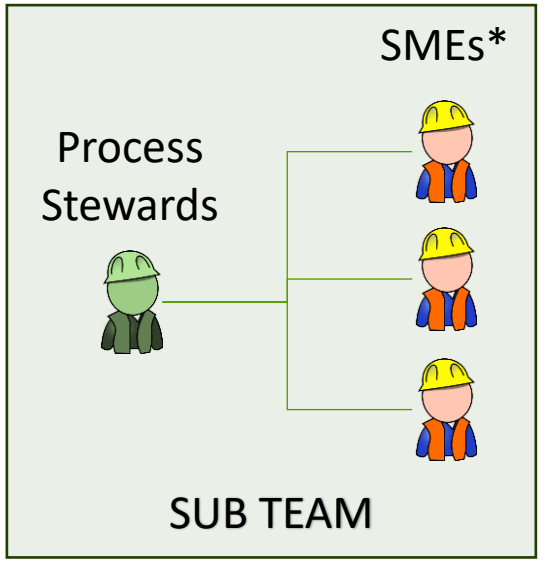
What is our main goal?

- Process harmonization/ consistency
- Measurable processes
- Drive continuous improvement

How can we do that?

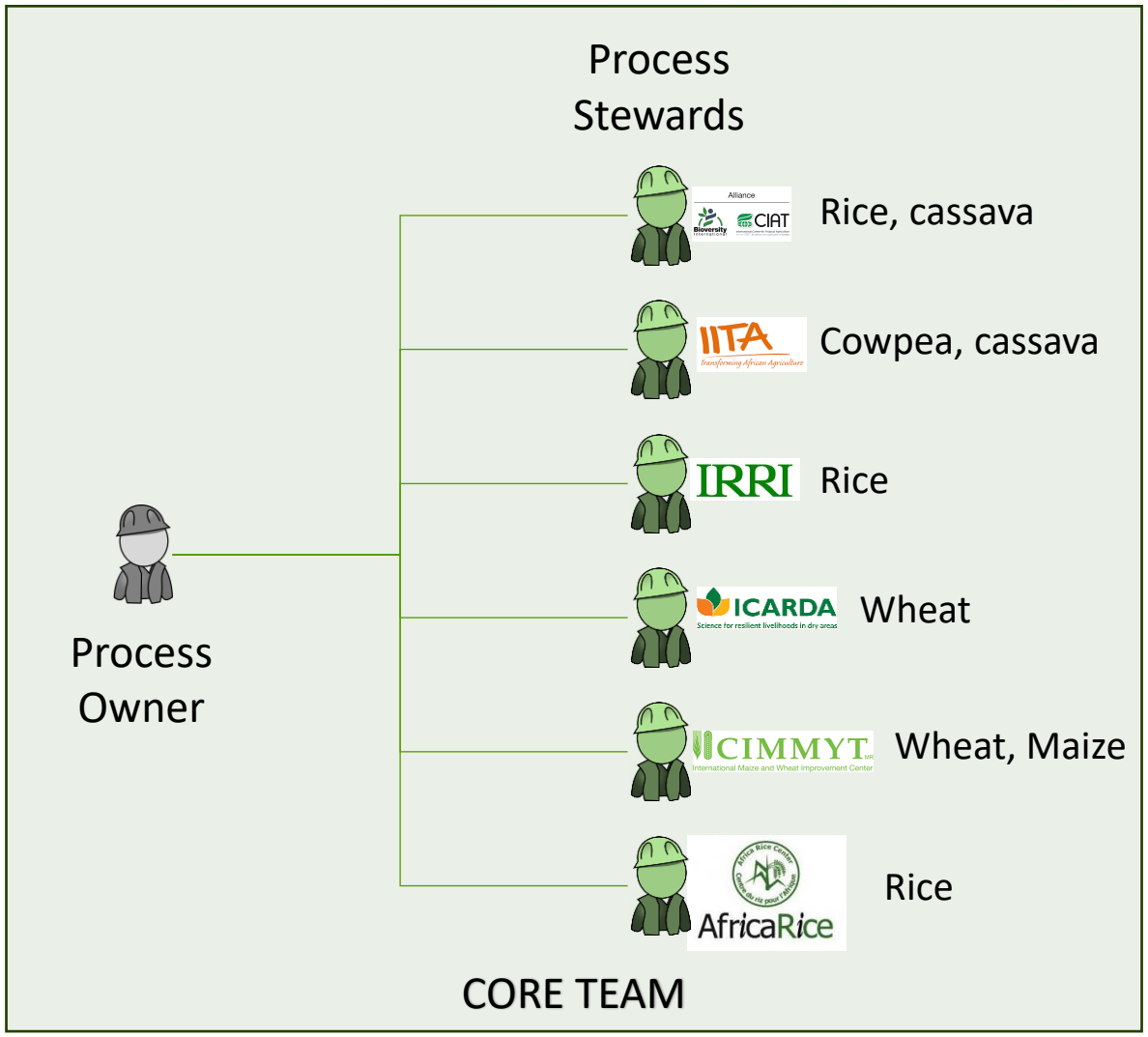
Process Management Teams…

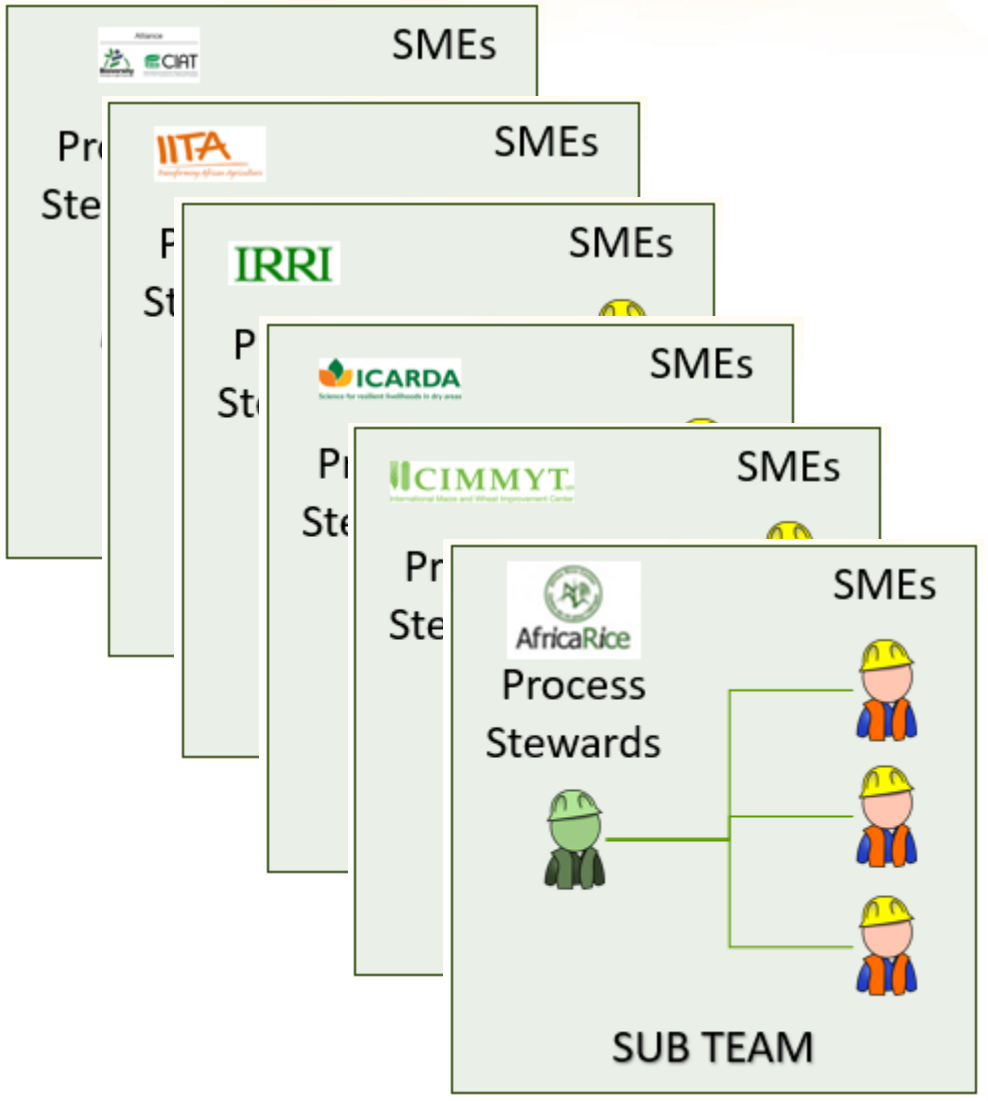




*Subject matter experts

Trialing & Nursery example…





1st Workshop of the One CGIAR Genetic Innovation – Trialing & Nursery Process Team
ICRAF, Nairobi, Kenya, 5-8 June 2023

CGIAR

IITA Transforming African Agriculture

Alliance
Bioversity International
CIAT International Center for Tropical Agriculture

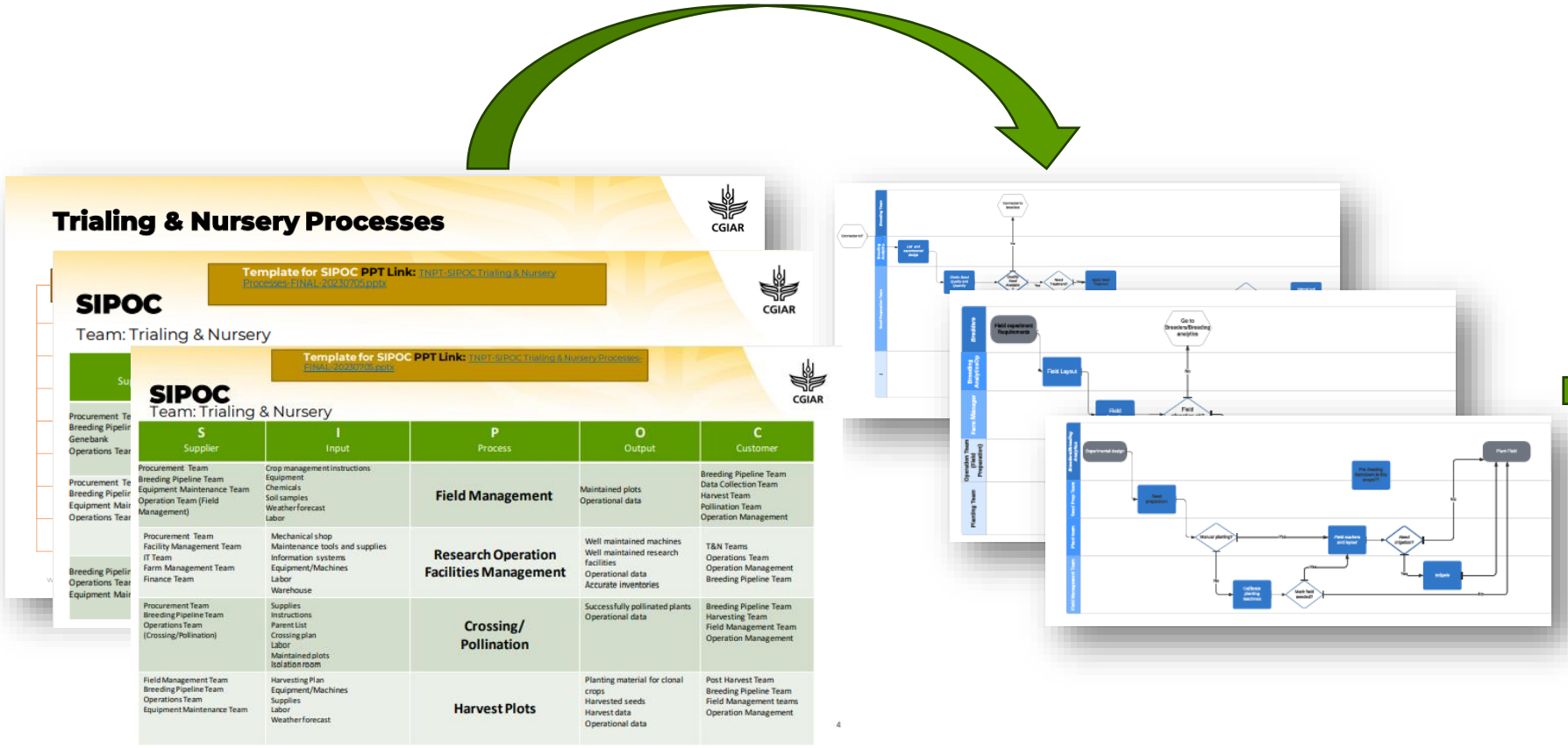
IRRI

ICARDA Science for resilient livelihoods in dry areas

CIMMYT International Maize and Wheat Improvement Center

AfricaRice

What has been done?



Start the development of key SOPs.

Acknowledge

Breeding Analytics Core Team	
AfricaRice	Aubin Amagnide
CIAT	Luis Fernando Delgado
CIMMYT-Maize	Juan Burgueño
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CIP	Bert De Boeck
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IRRI	Eduardo Covarrubias-Pazaran
ABI	Dorcus Gemenet

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CIAT	Marcela Pineda
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CIMMYT	Carolina St. Pierre
CIMMYT	Vijaya Chaikam
ICARDA	Safaa Kumar
ICARDA	Hoda Younes
IITA	Alick Mulenga
IITA	Prasad Peteti
IRRI	Princess Dela Cruz

Lab Service Team
Ana Oliveira
Rajaguru Bohar
Marko Karkkainen
Adriana Gonzalez
Nana Kofi
Bert De Boeck
Govindaraj Mahalingam
Maria Ymber Reveche
Asmita Bashyal

Special thanks to the Sub Teams members….

Acknowledge the consultants support…

Capacity Development

- Process Stewards

  - Continuous Improvement
  - Quality Management
  - Change Management

Next steps?

1. Development

- Strengthening Process Teams/ Core Teams/ Sub Teams
- Having more breeders/ breeding teams involved
- Improving Process documentation/ accessible to end users
- Developing more SOPs/Work Instructions

2. Deployment

- Capacity Development (Process Stewards/ SMEs)
    - Technical (SOPs/ Work Instructions)
    - Continuous Improvement
    - Change Management

3. Validation

- Incorporating KPIs / Metrics in the Operational Assessment
- Improving coordination between different assessments (BPAT/Operational Assessment/Breeding Network Assessment)
- Providing more visibility.

We have now all parts required for a QMS available or figured out…

How can you support us?

- Leadership involvement
- Center communication
- Personal KPI development
- Demand quality
- Seek accountability

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