

Genetic Innovation Drop in call

Market Intelligence
Accelerated Breeding
Breeding Resources
Seed Equal

Thursday 16 June 2022
(13:00 – 15:00)

Agenda:

Sonja – 5 min

4 initiatives – 10 min each (40 mins total)

Open floor/Q&A – 75 min

CGIAR Genetic Innovation Initiatives: working tightly together, with partners, for broad-based impact



SIX CLOSELY INTEGRATED INITIATIVES

CO-DELIVERED WITH PARTNERS



WORKING ACROSS CGIAR'S
THREE ACTION AREAS

TO ACHIEVE SYSTEMS CHANGE
IN FIVE IMPACT AREAS



Nutrition, Health &
Food Security



Poverty Reduction,
Livelihoods & Jobs



Gender Equality, Youth
& Social Inclusion

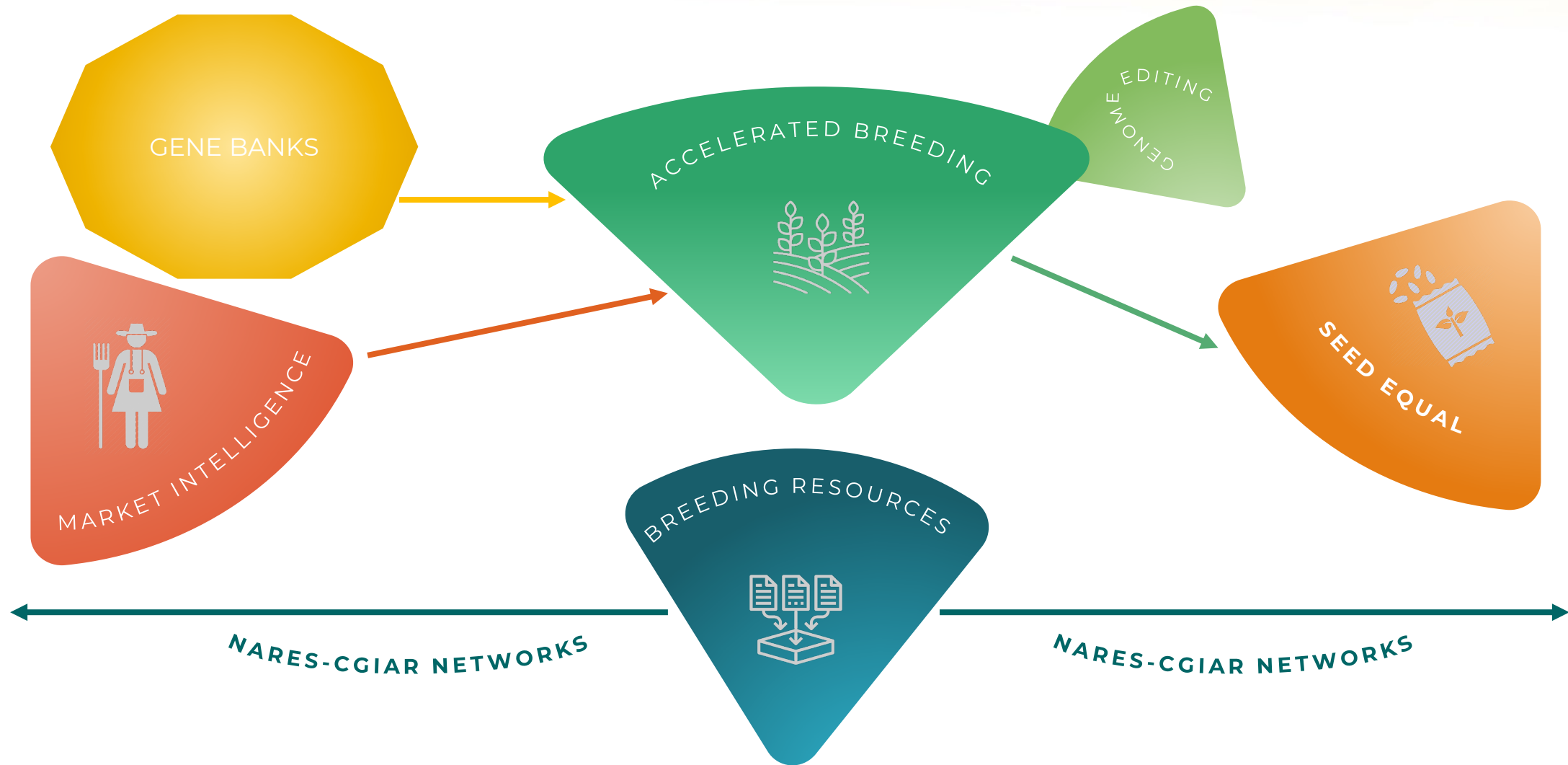


Climate Adaptation &
Mitigation

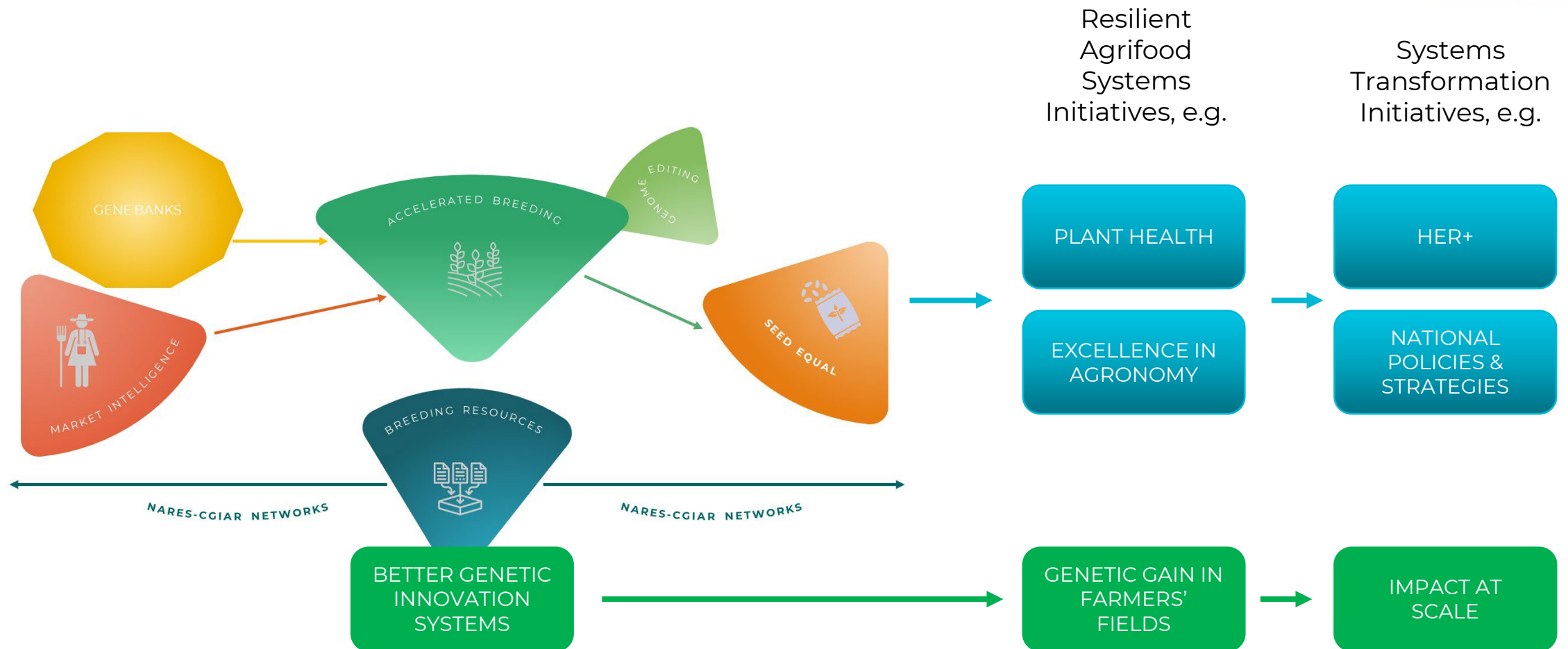


Environmental Health
& Biodiversity

GI Initiatives: from customer demand to farmers' fields



GI Initiatives: integrated into whole CGIAR portfolio and theory of change



Market Intelligence Drop in call

Matty Demont (lead) & Vivian Polar (co-lead)

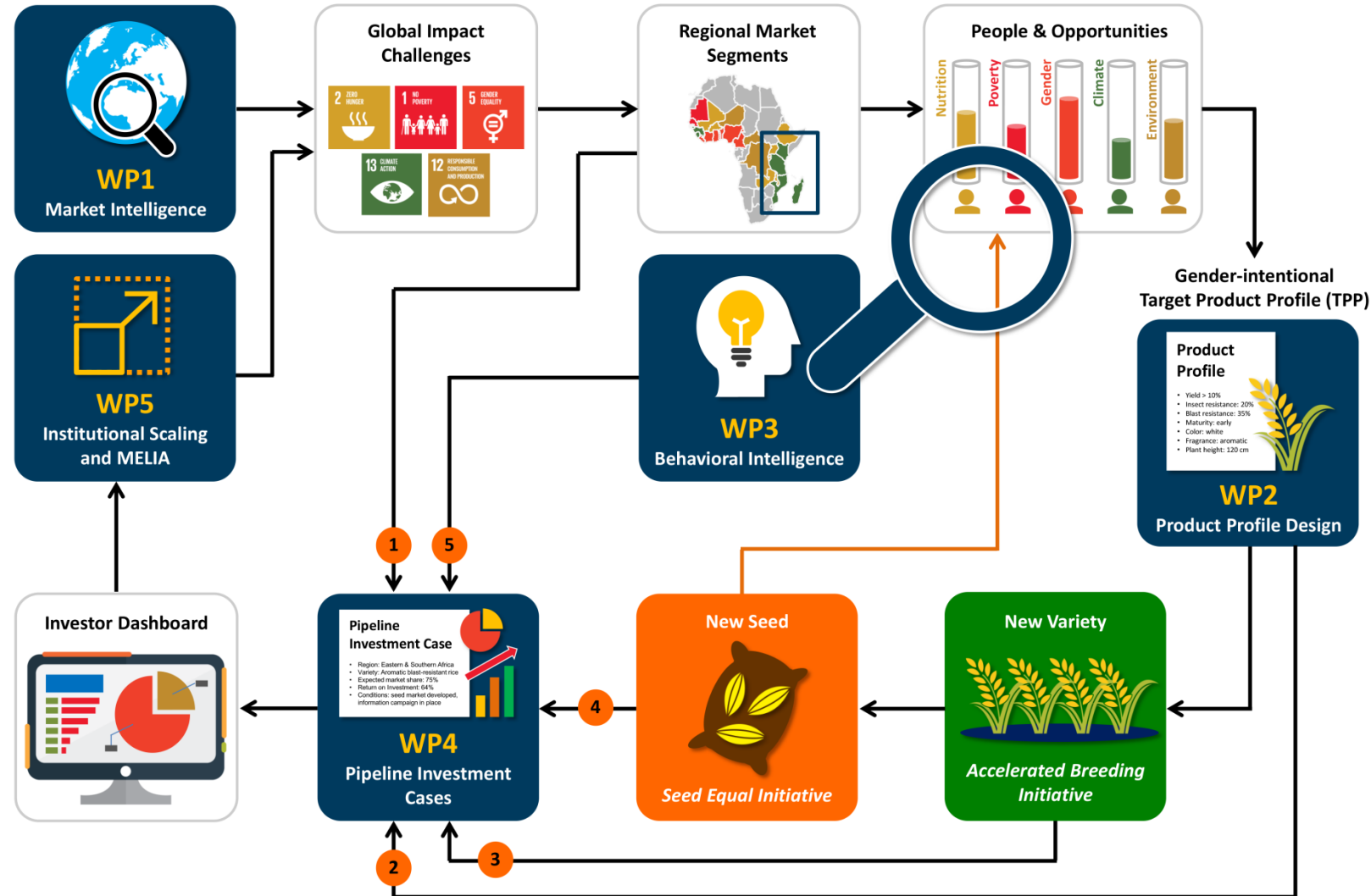
16 June 2022
(13:00 – 15:00)

1. Essential facts of the initiative

Main objective: CGIAR and its partners maximize investment returns in breeding, seed systems and other Initiatives across the five Impact Areas based on reliable and timely market intelligence.

Main impact area targeted: All with special emphasis on gender equality, youth and inclusion

Target countries: Defined by Market Intelligence as the primary priority setting hub of CGIAR Genetic Innovation investments



2. Responses to ISDC comments and progress of action

ISDC recommendation	Response	Progress of Action
Consider crops' biological constraints (genetic and physiological variations).	Agree. These are considered in WP2's ToC. WP2 confronts demand with supply (cost feasibility) side to ensure that product profiles are realistic and can be bred in a cost-effective manner.	Accelerated Breeding WP1 and Market Intelligence WP2 co-fund bio-physical scientists (e.g., breeders) to strengthen the linkages between both Initiatives and assess feasibility of target product profiles (TPPs).
As customers do not always know what they want, use other information and feedback loops to make sure the TPPs are right.	Agree. WP3 explores what other behavioral conditions need to be in place for varietal adoption.	We are building feedback loops between WP1, 2 and 3. WP1 identifies market segments in terms of people and opportunities, while WP2 feeds back information on what kind of market intelligence to look for. WP3 feeds back behavioral information to WP2 for TPP design.
There is no clearly mapped capacity building framework.	Agree. We will develop a capacity building framework under WP5's G×I Learning Alliance.	We have started collaboration with Cornell University and Makerere University to jointly develop a capacity building framework.
Open Data & Open Access protocols and plans are vague.	Agree. Details on protocols will be developed by Digital Transformation Initiative.	Market Intelligence Initiative is one of the users of the outputs from Digital Transformation WP5 (Enabling Digital Platforms and Services for R&D Practitioners).
There is a need for impact focused metrics.	Agree. The Initiative will measure and report on progress along its ToC, with metrics of outputs and outcomes towards SDG impacts.	WP1 and WP4 are collecting an extensive set of indicators and metrics of impact opportunities, which will be used to develop <i>ex ante</i> and <i>ex post</i> impact assessment strategies in WP4 and WP5. The team is closely coordinating with SPIA.

3. Implementation to date – key highlights

Work Package	Progress	Key highlights
1. Market Intelligence	Detailed work plans for regional and global engagement and for individual Centers developed Description of market segments and identification of game changers and future factors that shape demand ongoing	EiB identified 428 market segments for 25 crops by 8 centers in 6 CGIAR regions
2. Target Product Profile Design	Stocktaking of current CGIAR Target Product Profiles (TPPs) ongoing; >50–70% is expected to be completed by June Harmonization of TPP template ongoing Development of SOP for TPP design ongoing Establishment of NARES co-ownership ongoing	Under EiB, TPPs have been developed for 340 of the 428 market segments
3. Behavioral Intelligence	Historical analysis ongoing identifying behavioral drivers that trigger rapid adoption and varietal turnover	Co-design workshops with NARES and other local partners in the target countries are planned
4. Pipeline Investment Cases	First brainstorming session conducted Development of Investor Dashboard initiated and ongoing	Prototype of Investor Dashboard developed, displaying 22 impact opportunity indicators across the 5 Impact Areas, aggregated by 6 CGIAR Regions, 9 Centers, 24 Crops, 119 Pipelines, 428 Market Segments and 180 Countries
5. Institutional Scaling and MELIA	Design of institutional change protocols and development of scaling mechanisms ongoing Planning of MELIA activities ongoing	In collaboration with Accelerated Breeding and other GI initiatives we will hold a meeting with NARS partners the last week of July, setting the stage for future engagement.

4. Partner engagement

One-CGIAR region(s) targeted	Type of partner contributing	Focus of the partnering	Annual Budget Allocated
ESA, WCA, SA	NARES	Discovery and scaling: co-implementation of market and behavioral intelligence research	\$483,000 (WP1 and WP3)
ESA, WCA, SA	NARES	Discovery and scaling: co-design of Target Product Profiles	\$80,920 (WP2)
ESA, WCA, SA	NGOs, private companies	Scaling: sharing of market and behavioral intelligence	Small share of \$483,000 (WP1 and WP3)
ESA, WCA, SA	Advanced Research Institutes (Cornell U, WorldVeg, CIRAD, WUR, SPIA)	Discovery and scaling: methodological innovations, G×I Learning Alliance, co-design of Target Product Profiles, Innovation Packages & Scaling Readiness, impact assessment	\$361,978 (WP4, WP5 and cross-cutting)
Total	All partners		\$925,898

5. Collaboration with other GI Initiatives



6. Challenges/risks and mitigation strategies

Challenges/Risks	Mitigation Strategies
Uncertainty in planning due to novelty of Initiative	Learn as we go, embrace flexibility and adaptability Adapt budget during next budget revision round
Delay in implementation due to One CGIAR restructuring	WP1: Identify Center regional teams that can move fast; empower them Build on past and ongoing experiences to maximize efficiency
Lack of reporting structure	Developed and empowered Tier 3 role of <i>Center Focal Points for WPs</i> reporting to Tier 2 <i>WP Leaders</i> , who report to Tier 1 <i>Initiative Lead/co-Lead</i>
High transaction costs involved in linking with other WPs/Initiatives	Identify staff with FTE in both WPs/Initiatives, empower them as linkage focal points and identify concrete activities to kick-start linkages
Insufficient buy-in of breeders	Involve and empower them by allocating FTE time to activities in Market Intelligence, mostly WP2 on Target Product Profile design
Insufficient buy-in of NARES	Involve them in Target Product Profile (TPP) design and implementation of market and behavioral intelligence research; co-organize engagement with other Initiatives at GI level
Coordination problems due to time zone differences	Identify acceptable timings and stick to them or alternate between timings Identify leads and co-leads from different time zones

7. Budget

- WP1 needs to grow to scale up market intelligence studies for discovering new market segments
- WP5 needs to grow over time to scale out Initiative
- 2022 Global, ESA, WCA and SA budget figures were submitted by Centers
- 2022 WCA budget small and needs to grow
- 2022 SA budget small due to the existence of bilateral grants; needs to grow over time

	2022	2023	2024	Δ
Crosscutting	0.6	1.0	1.0	
WP1: Market Intelligence	2.3	3.0	6.0	↑
WP2: Target Product Profile Design	1.3	1.5	2.0	
WP3: Behavioral Intelligence	1.1	1.3	3.0	
WP4: Pipeline Investment Cases	0.9	1.5	2.0	
WP5: Institutional Scaling and MELIA	1.6	1.9	4.5	↑
Innovation packages & Scaling Readiness	0.1	0.1	0.1	
<i>Global</i>	3.4	5.0	6.0	
<i>ESA</i>	2.8	3.0	4.0	
<i>WCA</i>	1.0	2.0	2.0	↑
<i>SA</i>	0.7	3.0	4.0	↑
Total	7.9	10.3	18.6	

Thank you!

Matty Demont (lead) & Vivian Polar (co-lead)

Accelerated Breeding Drop in call

Michael Quinn (lead) & Clare Mukankusi (co-lead)

16 June 2022
(13:00 – 15:00)

1. Essential facts of the initiative

Main Objective

- To deliver higher rates of genetic gain in the form of farmer-preferred varieties
- To decrease the average age of varieties in farmers' fields
- Providing real-time adaptation to climate change, evolving markets and production systems.

Targeting each of the five impact areas

Target countries are within all six regions targeted by CGIAR

Work Packages

1. ReFOCUS
2. ReORGANISE
3. TRANSFORM
4. DISCOVER
5. ACCELERATE

2. Responses to ISDC comments and progress

More budget detail: Budget, budget narrative and Plan of Work (POW) developed and submitted

More scientific detail: Work plans have been developed for 21 crops outlining the objectives and tasks to achieve results as described in the Results Framework.

More training detail:

- Training will be A. outcome oriented, i.e. to achieve desirable Results. B. aligned to distinct needs (CGIAR, NARES)
- Accelerated Breeding will focus on capacity building in optimizing breeding pipelines.
- Breeding Resources will focus on capacity building for use of tools, technologies and services.
- Current focus: aligning workplans and using project management tool across 100+ scientists, 7 centers and 23 crops

Other clarifications:

- Gene editing is addressed by the “Genome Editing” Initiative
- Scope clarified with Genebanks regarding trait discovery and trait deployment (upstream breeding / pre-breeding / parent development)

3. Implementation to date – key highlights

- ✓ Baseline for current product profiles and CGIAR breeding pipelines established
- ✓ Comparison of product profiles with traits targeted in selection in process

- ✓ Analysed current NARES collaboration agreements
- ✓ Principles of NARES collaboration drafted in view of strengthening partnership quality (GI level)
- ✓ High level meeting with senior NARES leadership June 27 and 28 (GI level)

- ✓ Cross-initiative program logic describing, in a simplified manner, pathway to impact across initiatives
- ✓ Teams managing collaboration with Market Intelligence and Breeding Resources established

- ✓ Work plans developed on a crop and cross-cutting basis
- ✓ Key WP contacts by crop / center established; teams initiated work
- ✓ Purpose built project management tool in use

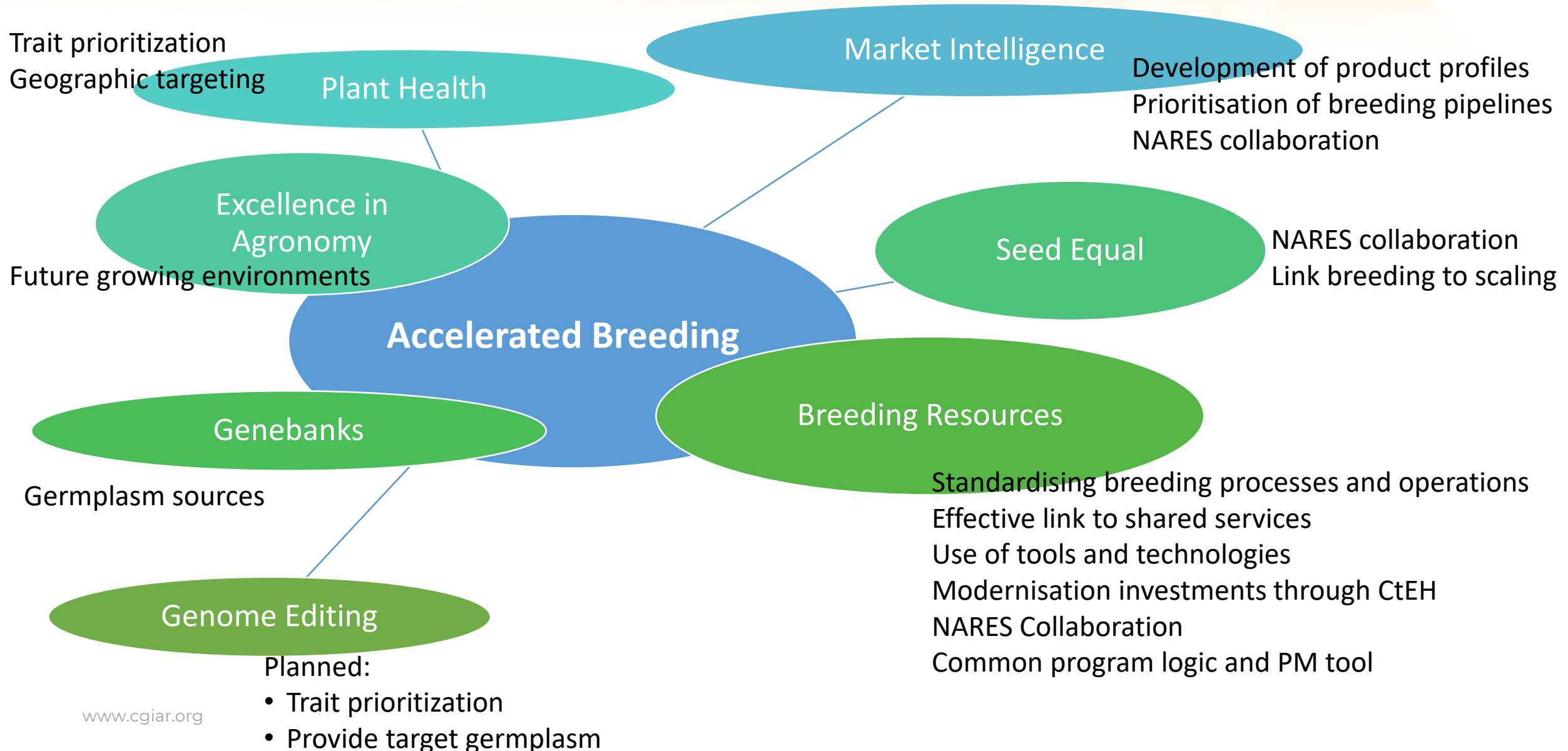
- ✓ New draft guidelines for accessing CtEH funds in discussion with GIZ

4. Partner engagement

One-CGIAR region targeted	Type of partner contributing	Focus of the partnering	Estimated Budget allocated
All regions	NARES Breeding programs	Research and scaling	
All regions	Private seed companies, mostly local	Research and scaling	
All regions	NGOs	Scaling	

NB: Accelerated Breeding provides a framework for breeding supported by all sources of funding. Budget allocations among partners is not accessible to Accelerated Breeding. Desirable to generate standardised transparency at the system level.

5. Collaboration with other GI Initiatives



6. Challenges / risks – and mitigations of these

Challenges	Risk	Mitigation Strategies
Simultaneous re-organisation at many levels combined with an ambitious change agenda	Teams going in different directions	One source of truth workplan
	Duplication, contradictory actions and/or being oblivious to interdependencies	Inter-initiative work teams established focused on priority topics
Budget reduction (initiative, grants)	Loss of best staff	Ongoing revision of workplans
	Efforts redirected towards downscaling	
	Reduced delivery of outputs	

7. Budget



	2022	2023	2024
Crosscutting across Work Packages	\$2,577,903	-	-
WP1 – ReFOCUS	\$2,135,716	-	-
WP 2 – ReORGANISE	\$1,068,510	-	-
WP3 – TRANSFORM	\$1,459,490	-	-
WP4 – DISCOVER	\$3,021,905	-	-
WP5 – ACCELERATE	\$15,197,404	-	-
Innovation packages & Scaling Readiness	\$239,072	-	-
TOTAL	\$25,7 M	\$28,0 M	\$48,7 M

Work Package	Result	Budget (2022)
ACCELERATE	CGIAR and NARES candidate varieties and trait donors meeting target product profiles	\$11,184,822
Crosscutting	Leadership and MEL	\$2,258,135
DISCOVER	Elite parental trait donors carrying highly valuable, in-demand traits	\$2,149,611
ReFOCUS	Portfolio of distinct, achievable product profiles (includes ex-ante IA of pipeline benefits)	\$1,369,295
ACCELERATE	Genomics-supported RSS schemes	\$1,160,634
ACCELERATE	Farmer-and market-relevant variety identification schemes	\$1,063,554
ACCELERATE	On-farm testing approaches	\$867,090
TRANSFORM	Improvement plans	\$583,189

Thank you!

Michael Quinn (lead)
&
Clare Mukankusi (co-lead)

Breeding Resources

Drop in call

Young Wha Lee (lead) & Sharifah Syed Alwee (co-lead)

16 June 2022
(13:00 – 15:00)

1. Breeding Resources: Essential facts

Main objective: support the accelerated development of new varieties that address the five impact areas by **providing shared services, tools, and technologies needed for breeding modernization**

2022 goals

1. Regional demand assessment and prioritization for shared services
2. Foundational work for:
 - Consistent costing : a bottom-up validation of cost structures for breeding operations and services
 - Process management networks for change delivery: scaling best practices implementation across Centers and Programs
3. Operational models defined for two new services – breeding analytics and data management system user support

WP1: strategic modernization

simulation and forecasting to guide informed decisions on ONECGIAR modernization investments

WP2: Cost effective shared services

reduce costs for, increase effectiveness of, and make routine the use of tools, technologies, and services

WP3: performance management of consistent, connected operations

the continuous improvement of breeding program operations

WP4: smarter use of more data

manage data for larger, more powerful datasets that can be readily analyzed and interpreted for decision making

WP5: adoption support

increase global adoption of breeding tools, technologies and services across the CGIAR-NARS breeding network

2. Responses to ISDC comments and progress

ISDC comment	Progress
Data management should be standardized and searchable.	We have initiated the data governance network for breeding data, with the approval of Digital Services and ABI WP3
Capacity development –describe training for partners and stakeholders a little more explicitly.	<p>We have assigned regional “change leads” (senior scientists and leaders from each Center). They will have two major tasks in 2022:</p> <ul style="list-style-type: none"> • lead regional demand assessment for services and technologies, which will include capacity building needs. • Develop a change management plan <p>We will provide explicit opportunities for specialized training in professional operational skillsets like process management, project management.</p>
More details on partnerships. What incentives and processes would be in place to establish and manage innovative partnerships?	Breeding Resources follows the lead of ABI in the development of breeding network partnerships with NARES. For research/technical partnerships, we proposed a technical advisory committee to assess and prioritize technologies and potential partners – we are waiting for more clarity on GI level committees to avoid duplication and meeting overload.
Adoption is critical. There should be a plan to monitor the shape, quality, and distribution of the data to ensure quality and usefulness and screen for lapses in quality control.	This is a part of what we intend as part of the performance management dashboard proposed in WP3.

3. Implementation to date – key highlights

Activity underway	Highlight
Workplan alignment with Centers and ABI	Joint management team with ABI formed
In depth regional consultations on shared services and their design	Change Lead team formed and empowered
Joint implementation planning for process management networks with ABI	Draft of process management network delivered.
Validating of cost structures for breeding operations and services	Key parameters agreed upon for supporting ABI and MI
Developing an operation model for a shared service in Breeding Analytics	<ul style="list-style-type: none"> Breeding Analytics transition team formed Long- and short-term operational models for a shared service drafted Demand survey for prioritized analyses completed for CG, (NARES ongoing)
Developing an operation model for a shared service in data management system user support, with appropriate division between global and local functions.	<ul style="list-style-type: none"> User support transition team formed and empowered Collaboration model with IBP (key stakeholder) agreed upon
Establishing standards for data management to support data sharing in breeding networks	Data governance network initialized

4. Partner engagement

Stress involvement of the global south in setting research priorities and participating in research (e.g. NARES, governments, NGOs/CSOs, producer organizations)

CGIAR region targeted	Type of partner contributing (eg NARES, governments, NGOs, producer organizations, private companies, etc...)	focus of the partnering (eg discovery, scaling, etc...)	Estimated Budget allocated
ESA	NARES, private companies, ARIs	Development of fit for purpose shared services Breeding operations Innovation ecosystem (Scaling)	~50k for change lead from EIB (also pending assignment of scientist from AfricaRice located at IITA)
WCA	NARES, private companies, ARIs	Development of fit for purpose shared services Breeding operations Innovation ecosystem (Scaling)	50K-60K for change leads from EIB and AfricaRice
SA	NARES, private companies, ARIs	Development of fit for purpose shared services Breeding operations Innovation ecosystem (Scaling)	50K for change lead from IRRI/EiB
SEA	NARES, private companies, ARIs	Development of fit for purpose shared services Breeding operations Innovation ecosystem (Scaling)	50K for change lead from IRRI
LAC	NARES, private companies, ARIs	Development of fit for purpose shared services Breeding operations Innovation ecosystem (Scaling)	100K - 3 change leads – 2 from CIAT / 1 from CIMMYT
CAWANA	NARES, private companies, ARIs	Development of fit for purpose shared services Breeding operations Innovation ecosystem (Scaling)	~15K –change lead from ICARDA

5. Collaboration with other GI Initiatives



6. Challenges / risks – and mitigations of these

Challenges	Risk	Mitigation Strategies
Excellence in Breeding Platform ended formally in 2021 and will end as a W3 project in 2022; will be formally integrated into initiatives and CGIAR structure in 2023	Volatility in budgets as funding moves from bilateral to pooled; Unforeseen funding gaps due to changing funding scenarios	2023 budget forecast with detailed itemized ABI, BR, and current EIB staff and activities under several different scenarios
Uncertainties in CGIAR reform (both process and vision) impacts Initiative's execution	Shared services at regional or global scales require enabling cross-Center institutional arrangements , or else the transaction costs can cancel out the benefit	<ul style="list-style-type: none"> • Implement flexible structures to organize contributions from existing CGIAR specialists for harmonization of best practices, endorsed by both CGIAR and Center leadership (WP3) • Communicate needs and challenges for shared service implementation to IS&S (People team, Procurement etc) • Pilot projects with change ready operational teams
Uneven adoption of technologies, tools and services for a variety of reasons – cost, infrastructure, lack of adoption support, lack of mandate from leadership, supply driven innovations	We are asking people to implement changes and improvements while they also discharge their day-to-day obligations, and without resourcing change management support , leading to fatigue	With ABI, CGIAR and Center leadership, <ul style="list-style-type: none"> • In-depth demand assessments for prioritization and design of services (WP5, WP2) • Change management training and support plan (WP5) • Design flexible change delivery teams empowered to lead improvement efforts of harmonized best practices and standards as process owners in their local context (WP3)

7. Budget

Budget volatility remains a key risk

Excellence in Breeding (EiB) is funded bilaterally until end of 2022.

Funding for breeding modernization activities formerly bilaterally funded via EIB will move to pooled in 2023

We may be faced with unforeseen funding gaps as funding assumptions change throughout the year.

To mitigate, we are undergoing a 2023 budget forecast with details of itemized ABI, BR, and current EIB staff and activities, under several different funding assumptions.

	2022	2023	2024
Cross-Cutting	0.3	0.6	-
WP1	0.6	0.3	-
WP2	1.8	1.3	-
WP3	1.4	0.7	-
WP4	2.2	4.0	-
WP5	1.5	2.7	-
TOTAL	7.9	9.6	40.9

Thank you!

Young Wha Lee (lead)
&
Sharifah Syed Alwee (co-lead)

Seed Equal

Drop in call

Ian Barker (lead) & Shoba Venkatanagappa (co-lead)

16 June 2022
(13:00 – 15:00)

1. Seed Equal: Essential facts

Main objective: **to** characterize, advance and “hand-over” new cereal, legume and RTB varieties, support coordination and policies to advance seed sector development, and promote equitable access to quality seed.

Main impact areas : Nutrition, health, and food security; Poverty reduction, livelihoods and jobs; Gender Equality, youth and social inclusion; Climate adaptation and mitigation;

Targets include reduction in varietal age (WAVA) in farmers’ fields and increased provision of quality seed (formal and farmer-based)

WP1 Alison Bentley	Characterization, seed and EGS production research, advancement and hand-over of new varieties (capacity building) for cereals
WP2 JC Rubyogo	Characterization, seed and EGS production research, advancement and hand-over of new varieties (capacity building) for legumes
WP3 James Legg	Characterization, seed and EGS production research, advancement and hand-over of new varieties (capacity building) for RTB crops
WP4 Ian Barker	Coordination, licensing strategies, stage-gated product advancement and variety adoption monitoring tools and technology, and training.
WP5 David Spielman	Better policies for improved: access to EGS, strategic varietal registration, appropriate seed quality regulations, incentivizing variety turnover
WP6 Ranjitha Puskur	Womens’ seed entrepreneurship, quality seed for disadvantaged groups, synergies between formal and farmer-managed seed systems

2. Responses to ISDC comments and progress

- **Projected benefits:**
 - Re-calculating and clarifying (at the GI level) : ongoing - updated proposal through online submission tool (Jun 30)
- **Detailed activity level budget:**
 - Detailed activity level budget is now available and developed according to system office guidelines and validated by the SO designated IDT Finance Officer
- **Outcomes for gender and youth:**
 - WP6 will undertake a systematic review at the outset on what works and what does not in providing inclusive access to seed. This knowledge in combination with multi-stakeholder consultations in different contexts will help refine the strategies/approaches to be tested per context. Research questions are being refined and adapted in the light of this review in the updated proposal through online submission tool (Jun 30) .
 - WP5 will complement this work with an explicit and strengthened emphasis on policy options to reach disadvantaged farmers.
- **Integration of formal and informal seed systems**
 - Additional activities will be described in the plan of work and budget to be developed to include aspects that improve outcomes for gender and youth through equitable seed systems including farmer-based seed systems- updated proposal through online submission tool (Jun 30).
 - Additional partnerships will be sought or strengthened to enhance our capability to better integrate formal and Informal (farmer-based) seed systems. Ongoing discussions with CDI WUR team.

3. Implementation to date – key highlights



WP	Main activity – Progress to date
1 – External consultation	1. Seed Equal engagement with Seed Systems team in IRRI Delhi. Seed Equal outreach presentation to the key NARES partner in India - IIRR Crop Improvement Team. Seed Equal “offer” developed and sent to One CG Regional initiative teams. Discussions on scaling Seed Equal interventions and innovations with S Asia, SE Asia, WCA and CWANA teams.
2 – Management/ inception activities	Planning: Two facilitated virtual whole team planning meetings held to look at inter- work package and inter- GI initiative synergies held, and key points of synergy identified for action. Initiative hybrid inception planning meeting to be held June 21-23 in Nairobi
	Staffing Plan: Initiative staffing plan signed off by GI Director and EMT. Includes 31% female staff over 171 assignments (existing staff). Management team of 14 staff, includes 7 women and 7 staff from the Global South. Six WP leads represented by 6 centres.
	Work Plans: Initial Work package activity plans complete but to be refined after inception meeting.
	Budget: Revised PoR&B developed and accepted. Need to execute a center budget realignment to include funds for ICARDA, Africa Rice and IITA maize program Q2
3 – Outreach/ Communication	Presentations on the initiative given by lead during FAO seeds event and ISF annual congress during 2022. Paper in Nature and <i>Slideshare</i> presentation (Alison Bentley and Jason Donovan) on response to Ukraine crisis.
4 - Programmatic	VarScout app available to input historic and crowd-sourced variety adoption data and tested in Peru and Kenya. Ukraine response plan developed by WP1 Cereals team. First CAPSHA events, featuring product (variety) advancement and placement tools, to commence in India in July (including NARS from India, Nepal and Bangladesh

4. Partner engagement – WP4: Partnerships and Capacity building

Planned key partner and stakeholder engagement processes and roles to ensure their participation

Sub-grant agreements in place or in development with:

- Resonanz gmbh
- Seeds2B Africa
- New Markets Lab
- WUR
- University of Florida and Wits

Partnerships and alliances in discussion with:

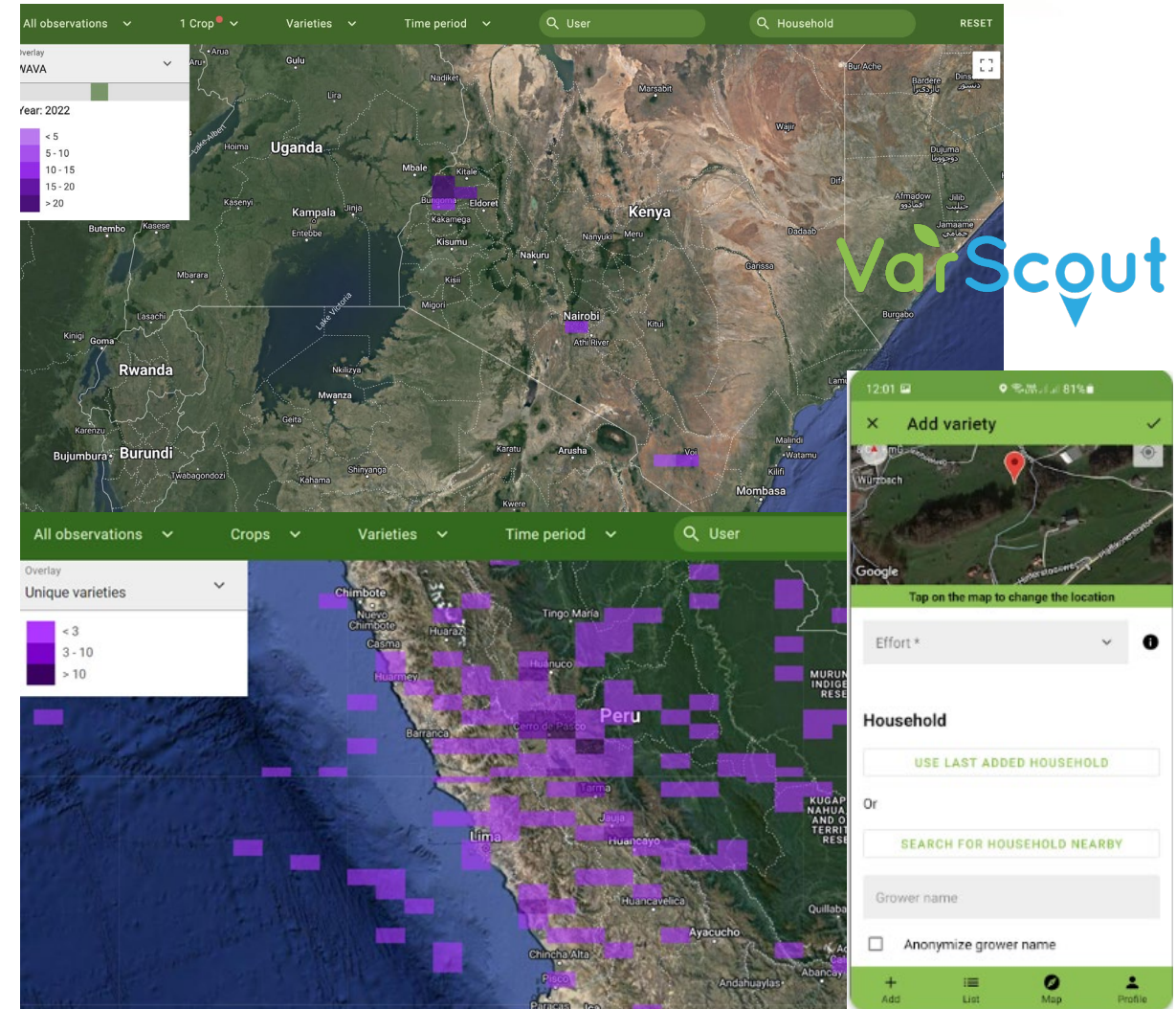
- AGRA
- ISF
- Seed NL
- Bayer

Discussions to leverage key bilateral projects:

- 1000 Farm
- Image
- PASTTA

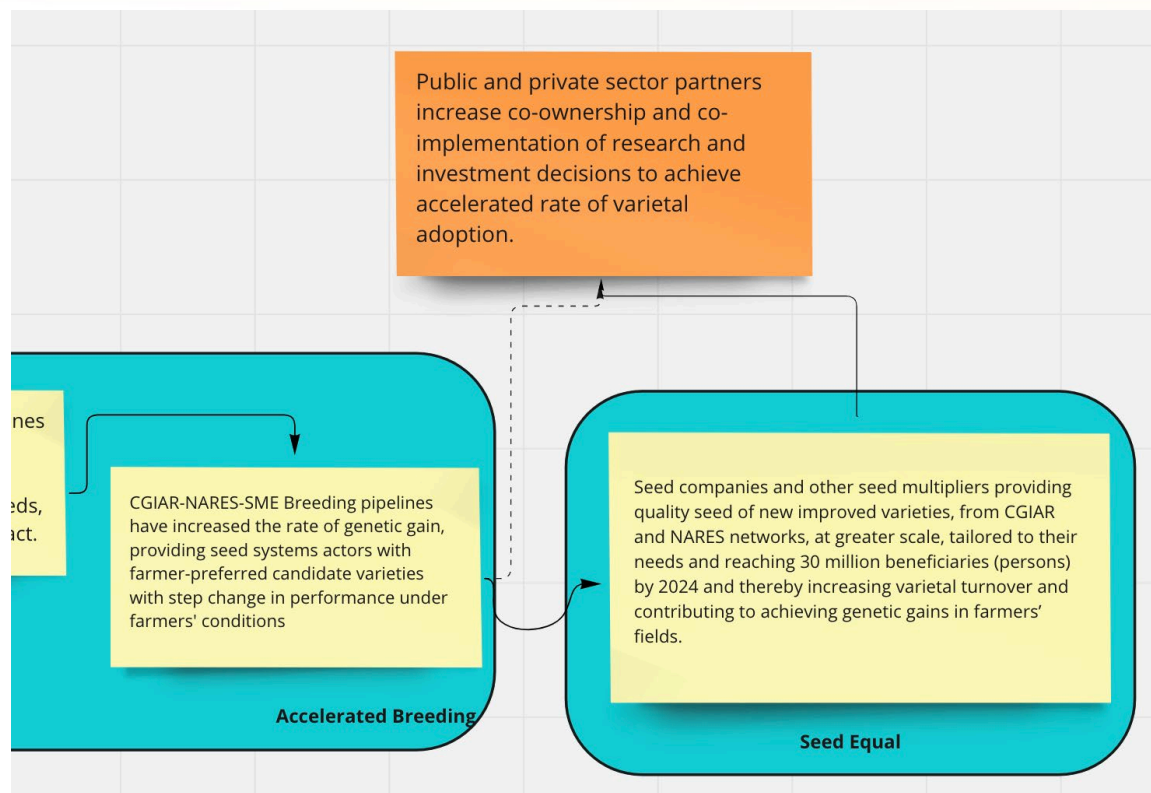
CAPSHA seed activities to commence

- South Asia NARS (India, Nepal, Bangladesh; July)

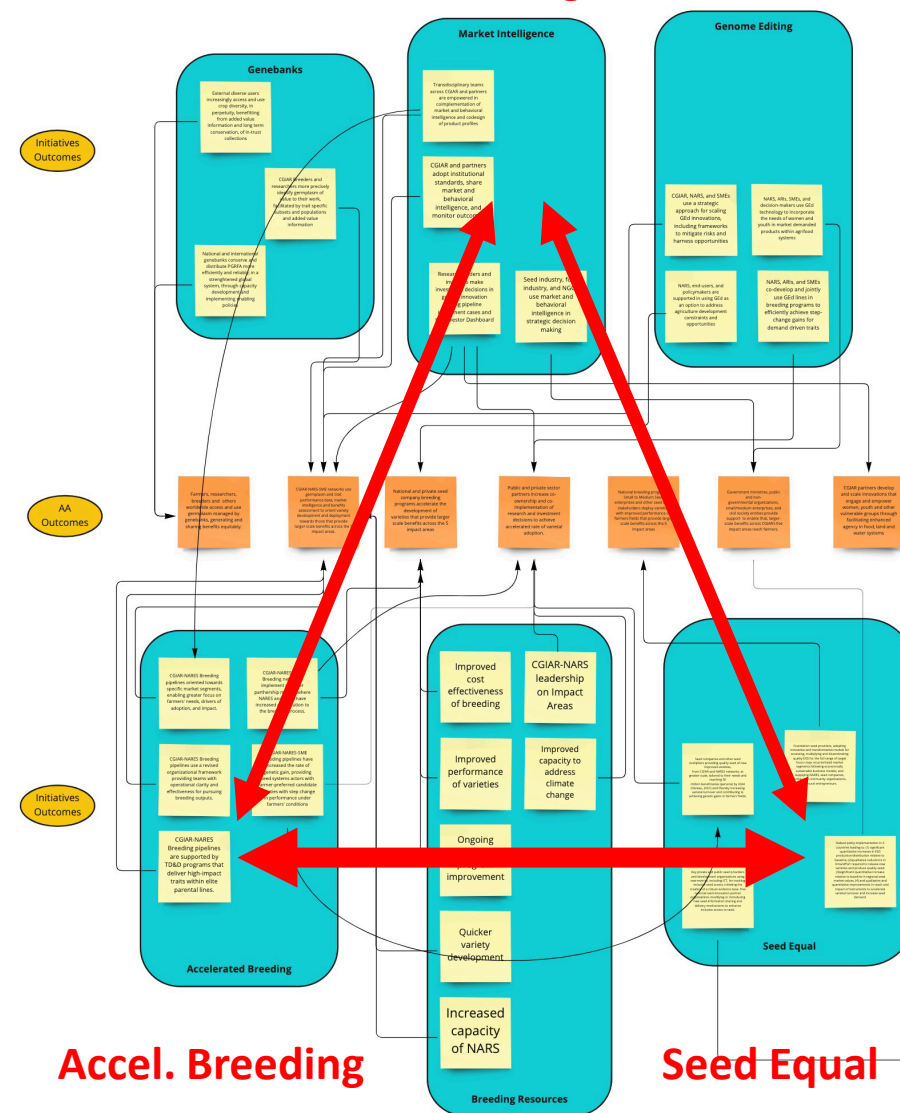


5. Collaboration with other GI Initiatives

Markt. Intelligence



- Key hand-over points from Accelerated Breeding
- Key feedback loops to Market Intelligence around demand and products profiles.
- Links to Genebanks around ABS/ MLS and design of One CGIAR licensing strategies and possible returns to the IT
- (key relationships with Regional Initiatives for scaling seed interventions)



6. Challenges / risks – and key opportunities

Top Risks	a) Existing controls / mitigation actions or mechanisms	b) Further controls / mitigation actions
R1. Working in isolation (internally and externally) fails to capture synergies and leverage and risks duplication of effort	<ul style="list-style-type: none"> Extensive dialogue with key initiatives and known bilateral projects and other seed initiatives 	<ul style="list-style-type: none"> Continuing consultation with designated funders and other interested parties
R2. Failure to engage with a wide range of diverse opinions on seed system development or effectively communicate aims and scope of Seed Equal	<ul style="list-style-type: none"> Work on in situ conservation, under-utilized crops and landraces dealt with in RAFS (Nature +) Re-constituting seed system Center of Excellence 	<ul style="list-style-type: none"> Seek to strengthen seed system activities within Nature + Develop SE communications strategy Continue dialogue with CSOs and farmer organizations
Opportunities		
O1. Opportunity to learn from and mainstream One CG NARS CAPSHA best practice across the whole system, regions and crops- leveling up and “learning from the best”	<ul style="list-style-type: none"> Partnerships in place to leverage learnings from flagship projects such as AVISA and, in particula, the strong CG NARS relationship in Asia. Build on existing CGIAR NARS breeding networks and EiB interventions 	<ul style="list-style-type: none"> Provide a framework and channel to massively upscale seed related CAPSHA activities Look for opportunities to raise additional (matched) funds from National sources
O2. Opportunity to respond to Ukraine-linked food price crisis through short-and medium-term seed-based interventions	<ul style="list-style-type: none"> Cereal, esp. wheat-based seed strategy developed 	<ul style="list-style-type: none"> Develop further crop based response plans

7. Budget

- Reallocation of funds between centers to be carried out Q2 (ICARDA, Africa Rice, IITA)
- Leverage of other bilateral and NARS funds (particularly Asia) not included

*Crosscutting to include initiative management

** Figures from 22nd April FINPLAN

	2022	2023	2024
Crosscutting*	0.16	0.16	-
WP1 – Cereals	3.05	3.25	-
WP2 – Legumes	1.68	1.88	-
WP3 – Vegetatively propagated crops	1.58	1.78	-
WP4- Cross-cutting	2.70	2.70	-
WP5- Seed Policy	1.06	1.06	-
WP6- Equitable Access	1.07	1.07	-
Total CGIAR	11.3	11.9	44.7

Thank you!

Ian Barker (lead)
&
Shoba Venkatanagappa (co-lead)

Thank you!