



Capacity Building and Enabling Delivery

Sub-programme 5



Content

- Quick history of past activities
- Progress in the last year
- Expectations ARM 2007



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Before the GCP started

- Agreement that Capacity Building was an important component of the Program
- No work plan in the original document
- Capacity building activities requested in all the **commissioned** projects

In 2004 -1

- A strategic document developed
 - focus on non-GCP Consortium NARS
 - meant to be cross-cutting over SP, but articulation among SP not clear
- Assessing the needs: a workshop with a worldwide selection of NARS research managers
- Training program shaped up
 - GCP Fellowship Program
 - Travel Grant Program
- Capacity building activities required in **competitive** projects
- Policy inherited from SP1
- Enabling Delivery added, but no strategy available

In 2004 -2

- “CAGT - Crops with Appropriate Gene Technologies” Nairobi, Kenya (April)
- “GCP Information Systems and Network Design Workshop” Texcoco, Mexico (June)
- A training course on “Paracel” Pasadena, USA (June), plus further online training
- “Genotyping data analysis” Zaragoza, Spain (June)
- “Phenotyping for drought stress tolerance” Montpellier, France (July)
- Collaboration of NIAS and IRRI in gene chip technology
- Intensive Training Program in Molecular Breeding, Nairobi, Kenya (December)

In 2005 -1



- Activities commissioned, ... but lack of clear articulation with the technical SP
 - Training materials
 - dynamics of genetic diversity in cultivated plants
 - genomics and comparative genomics
 - basic bioinformatics
 - Training courses (>150 participants)
 - genetic diversity and MAS
 - project proposal writing
 - Joint SP5-SPx
 - microsatellite marker kits
 - Policy projects
 - online course
 - IP Helpdesk
 - asset inventory system

In 2005 -2

- First GCP fellows (8)
 - First travel grantees (26)
 - “Genetic Resource Policies and the Generation Challenge Programme” published
 - A strategy for enabling delivery produced
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- × Awareness of the limitations to spread the GCP work and impact
 - × Options explored to ensure cost-effective and appropriate GCP investments in capacity building for diverse regions

In 2006

- Emphasis in establishing linkages with opportunities generated through our research
- Commissioned activities
 - New training materials
 - Association genetics and LD mapping
 - Phenotyping for drought
 - New courses (> 40 participants)
 - Plant Databases, Internet Resources and Bioinformatics
 - Phenotyping and Water Deficit
 - The Genotyping Support Service
 - Selected socio-economic studies to guide decision-making and resource allocation
 - Impact targeting for crops and regions based on poverty and drought prone areas
 - Study of secondary breeding objectives in maize: a case study

In 2006 -2

- Support to CB and research for SSA - ACCI (Kwazulu-Natal, SA)
- Fellowships (6)
- Travel Grants (19)
- Delivery Plant Kit

- Capacity Building as the means for Enabling Delivery

In 2007

- Commissioned activities
 - Training materials
 - Marker-assisted selection
 - Project Development Guide
 - Socio-economic studies
 - Ex Ante Impact Analysis of Marker-Assisted Selection Technologies Supported by the GCP
 - Policy
 - Online course: Genetic Resources Policies and Freedom to Operate
 - The significance of the International Treaty on Plant Genetic Resources for Food and Agriculture to the GCP
- Fellowships (5)
- Travel Grants (32)
- Genotyping Support Service (8)

In 2007 -2

- Capacity Building Support Program (6)
- Delivery plans for each competitive project
- Submitted for publication "Strategic approaches to targeting technology generation: Assessing the coincidence of poverty and drought-prone crop production"
- Infrastructure needs assessment of SSA NARS: computer, lab and field
- Promotion of platforms for delivery

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- Stakeholders perspectives on needs and bottlenecks for plant improvement in Africa
 - what are the needs that could be addressed with plant breeding efforts?
 - in spite of achievements, what are the bottlenecks for these to reach farmers?
 - what should we do to ensure that agricultural research outputs are indeed translated into useful products for resource-poor communities in Africa?

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- SP5 Parallel Session
 - CB Support Program
 - GSS
 - Delivery Plans
 - Fellowship + TG Programs
- Joint SP3-SP5 Session
 - Germplasm and technologies available in the South
 - Constraints to their use
 - How to disseminate them efficiently

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- The role of different partner communities with the GCP
ARIs North, ARIs South, CGIAR, NARS, CSO, Private Sector
 - a) How can this partner community (whichever the group represents) best help support the work of the GCP?
 - b) What can the GCP do to take maximum advantage of the expertise and perspectives in this partner community?

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FIELD TRIP

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Session V: Support Services and Enabling Delivery

- The Project Development Guide
- The Asset Inventory System
- A Community of Practice in Asia
- The GSS in its first year
- iMAS launched
- An example of delivery plan
- First results of an ex ante impact analysis of GCP technologies



Best wishes!