

Subprogramme 5

Capacity Building

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The platform of the Generation Challenge Program has four technological legs (“the table”) and a cover on human resource development (“**the table cloth**”)

The *table cloth* is SP5

- ◆ **It has two dimensions:**
 - ▶ **To better enable GCP members to carry out the cutting edge research agenda**
 - ▶ **To empower national program scientists to participate in GCP activities**



Mechanisms by which GCP products will reach crop improvement programs and farmers

What kind of capacity building?

- ◆ **Strengthening human resources competencies**
- ◆ **What about research facilities?**
 - ▶ collaborative efforts
 - ▶ avoid unnecessary redundancies in equipment and other facilities

CB modalities

- ◆ Most SP thematic activities will have an embedded capacity building component (graduate and postdoctoral research, sabbatical leaves, internships, exchanges of scientists among participating institutions)
- ◆ But, there will also be short-term courses (1-3 weeks), workshops, learning materials (tutorials, manuals, protocols, etc...), activities for dissemination of information (hard copy publications...), etc.

Other instruments

- ◆ **Fellowship Program**
- ◆ **Travel Grants**
- ◆ **Help Desk**

Audiences

- ◆ Scientists in each of the four thematic areas of the GCP
 - ▶ Updating senior scientists
 - ▶ Broadening knowledge of young scientists
 - ▶ Providing the basics for students

Partnerships

- ▶ The GCP will value working with countries and institutions in which there is higher assurance of gains and delivery = higher impact
- ▶ Potential partners may be public or private research institutions, universities, private companies and regional research centers, among others

Regional Research Hubs

- ◆ **Institutions with strong infrastructure and capacity, including**
 - ▶ facilities for theoretical and practical teaching
 - ▶ accommodation and
 - ▶ provisions to ease access to the surrounding countries, both for training and services
- ◆ They will foster South-South collaboration and ultimately support greater sustainability of research and capacity within the regions.
 - ➔ **“the lighthouse concept”**

Networks

Development and/or reactivation of regional networks (e.g. crop improvement) for multiple crops to incorporate novel alleles/traits

Other alliances

- ◆ **To advance North-South collaboration (e.g. through access to degree programs in universities of excellence)**
- ◆ **To benefit of existing CB activities by providing significance or focus (e.g. joining regional research efforts)**
- ◆ **To support fine CB activities in educational organizations that look for sustainability or an increase in scope or audience (e.g. InWENT)**

Coordination

- ◆ The four science/research Subprogrammes will be catalysts to the design of appropriate activities
- ◆ Consortium member institutions will have a focal point
- ◆ Communities of practice involving NARS
- ◆ Inputs will be sought from the Stakeholders' Committee

Monitoring impact

- ◆ All CB activities will include appropriate follow-up and feedback mechanisms
- ◆ They will serve
 - ▶ to measure impact
 - ▶ to adjust the work plan and
 - ▶ to further improve the organization of the activities in the sub-programme

Results of the work plan of year 1



Monitoring progress (1)

◆ Info requests	40
◆ Response rate	85%
◆ Useful responses	27 %

Monitoring progress (2)

- ◆ **25% activities reported do not coincide with activities planned**
- ◆ **In general, delay on start of activities**
- ◆ **Mixture of internal (CM) and external (NARS) capacity activities**
- ◆ **A number of activities benefiting more than one SP**

Monitoring progress (3)

◆ Hands-on training	35
◆ Courses/workshops	7
◆ Participants	227

Activities per Sub-programme

	SP1	SP2	SP3	SP4
Hands-on training	9	18	8	
Courses/workshops	1	4	1+1	1
Participants	68	72	11	50
Countries	21	16	8	
Host institutions	10	14	4	

Sub-programme 5

- ◆ **A strategy document**
- ◆ **A Medium-Term Plan**
- ◆ **A needs assessment workshop**
 - ▶ **NARS participants** **26**
- ◆ **The GCP Fellowship**
- ◆ **Identification of RRH**
- ◆ **Monitoring system**

The future

- ◆ Assessment of needs
- ◆ Capacity building components built into the commissioned research
- ◆ Capacity building built into the competitive grants program
- ◆ Training courses and workshops on specific technologies and areas
- ◆ Addressing specific needs of NARS RRHs
- ◆ Analysis of existing and recent crop improvement networks
- ◆ Development of regional improvement networks for multiple crops
- ◆ Assessment of activities to maintain relevance and focus on needs of resource poor farmers