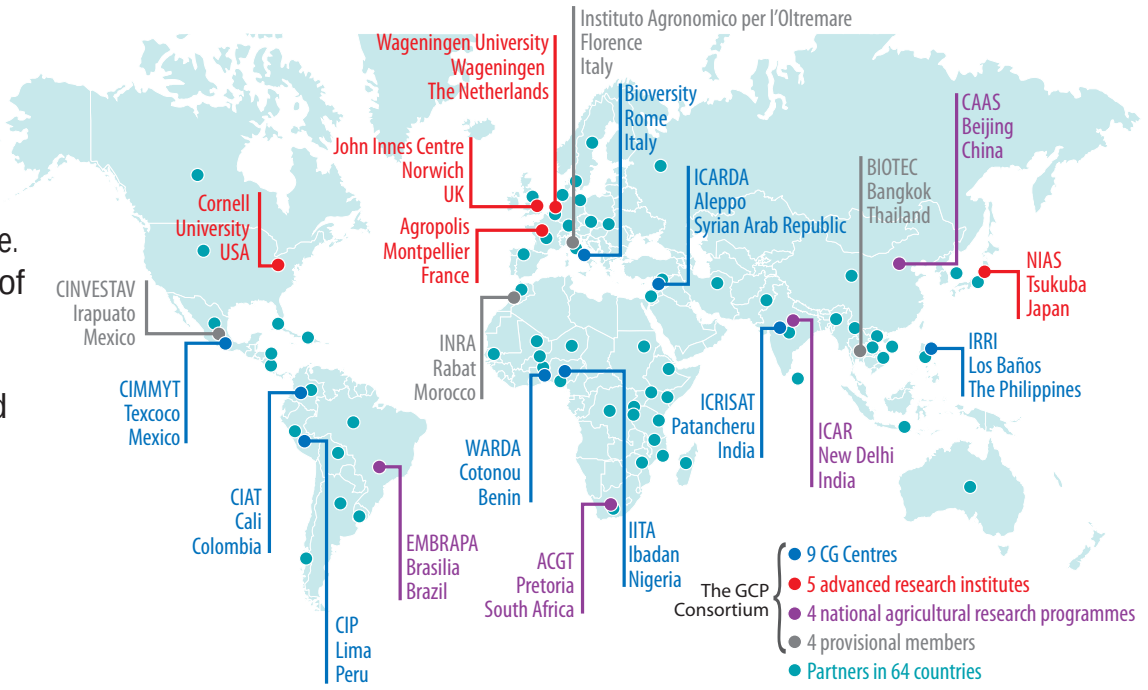
www.generationcp.org

The CGIAR Generation Challenge Programme at a glance

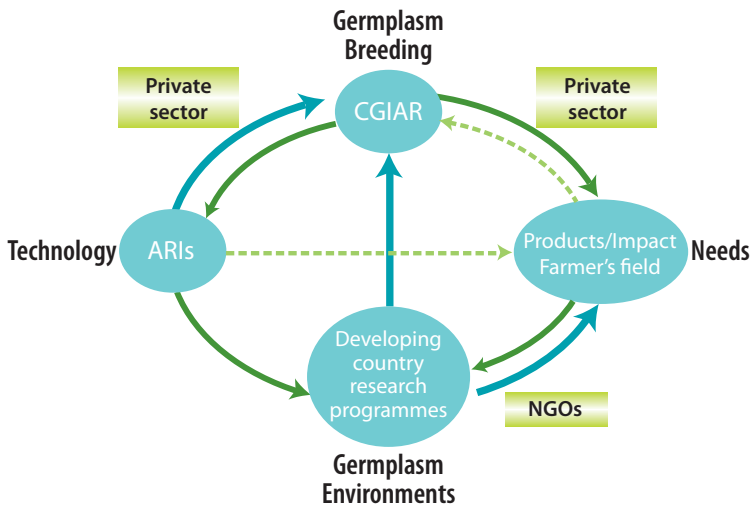
September 2009

The Generation Challenge Programme (GCP) of the Consultative Group on International Agricultural Research (CGIAR) is a global partnership for exploring plant genetic diversity and developing – for resource-poor farmers in harsh environments – crops with improved stress tolerance. GCP brings together diverse partners to facilitate the flow of products and information to those who need them.

Our key focus is fortifying plants to withstand drought and other stresses such as pests and diseases.



The GCP network in 2008: 200+ institutes



Joining hands with partners

To achieve our objectives (listed in poster, *Tapping crop diversity to provide new tools and improved germplasm for breeders*), we rely on our network. This network leverages significant resources – funds, skills, equipment, knowledge and social capital – through broad and diverse partnerships with the public and private sector.

The GCP network comprises:

- a 22-member Consortium (see graphic above)
- about 130 developing country research institutes
- more than 60 developed country partners, and
- a broad cross-section of stakeholders.

Our activities and structure

Research:

Selective characterisation of germplasm diversity

Genomic tools and interdisciplinary approaches

Identify and tag genes with desired agronomic traits

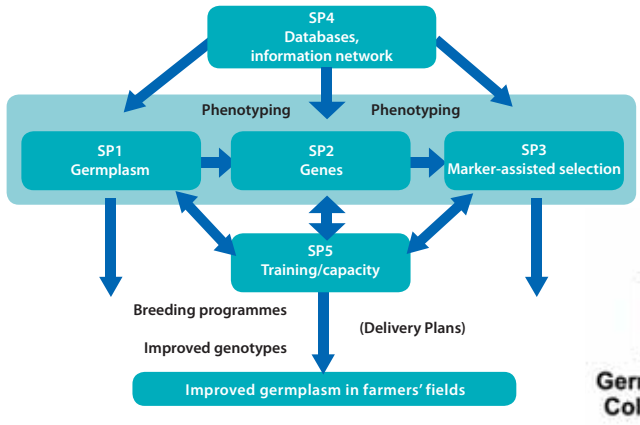
Select favourable alleles (ie, gene variants) to increase the efficiency, speed and scope of plant breeding

Research support:

- information gateway, and support for data storage and analysis
- capacity-building in modern breeding for developing country research programmes.

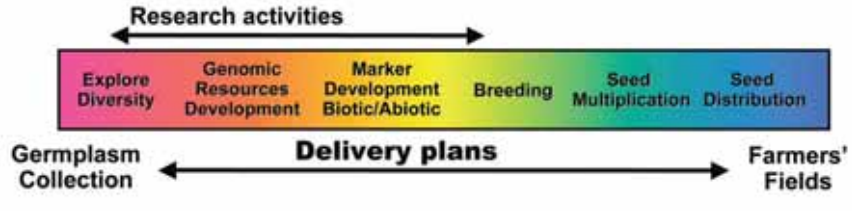
Our work is structured along five overalapping and interactive Subprogrammes, thus:

GCP's five Subprogrammes



Our research—delivery pathway

We monitor the development and delivery of our research products through formal project Delivery Plans. All GCP projects must:

- be conceived with a very clear vision of project products, and target users of these products
- focus on priority crops and target environments identified by impact studies.

In a relatively short time, we have woven a vibrant and active community of crop scientists and – through our partners – we have tangible products from our research. For details on our products, and more, please visit us online.