The service centre GCBN - German Crop BioGreenformatics Network – provides services for plant bioinformatics, like tailored plant-specific data and infrastructure. GCBN consists of the Leibniz Institute of Plant Genetics and Crop Plant Research in Gatersleben (IPK, BIT, Uwe Scholz), the Helmholtz Center Munich (HHMGU, PGSB, Klaus Mayer) and Forschungszentrum Jülich (FZJ, IBG-2 Plant Sciences, Bjoern Usadel).

The main service domains are (1) transparent access to germplasm and germplasm metadata, (2) improved workflows for plant gene annotation, and (3) bridging of multiple genotypes to phenotypes. As GCBN partner the IPK Gatersleben contributes to the objectives (1) and (3).

de.NBI services provided by IPK Gatersleben

- **Web Applications:**
  - Crop Analysis Tool Suite - CATS
  - KNAsker Server
  - Web Blaster
  - Genebank Information System - GBIS
  - EURISCO - Database
  - eDAL - Plant Genomics & Phenomics Research Data Repository

- **Databases:**
  - Web Blast Server
  - KNAsker Plants
  - MISAN Web
  - BRIDGE
  - BARLEX

The service unit collected user feedback for all offered services using the central de.NBI survey tool environment. As of December 2019, 97 responses have been received. This represents around 5% of all responses collected (2090 in total). The relatively small service unit GCBN offered 10 services (for de.NBI the total number in December 2019 was 131). In relation to the number of all de.NBI services offered, the number of responses collected is comparable (5% vs. 8%). The overall user satisfaction of 4.1 (max. 5) is considered a sign that the GCBN services are of high quality.