

GGCE Community Edition

Q & A
March 9, 2023

Agenda

Informational Overview of GGCE
Demo
Questions / Discussion

What is GGCE?

What is GGCE?

GRIN → GG → GGCE

“GGCE builds on decades of experience in genebank database design of GRIN-Global and therefore features a **suitably designed and fully developed database ...**”

GG / GGCE Comparison

	GRIN-Global	GGCE
Development	USDA NPGS 2007...	Crop Trust 2021...
Operating System	Windows	Any operating system (via containers)
Database // Schema	GRIN-Global	GRIN-Global (extended)
Taxonomy	GRIN	GRIN

GG...GGCE

GGCE is backwards compatible with GG

GG...GGCE

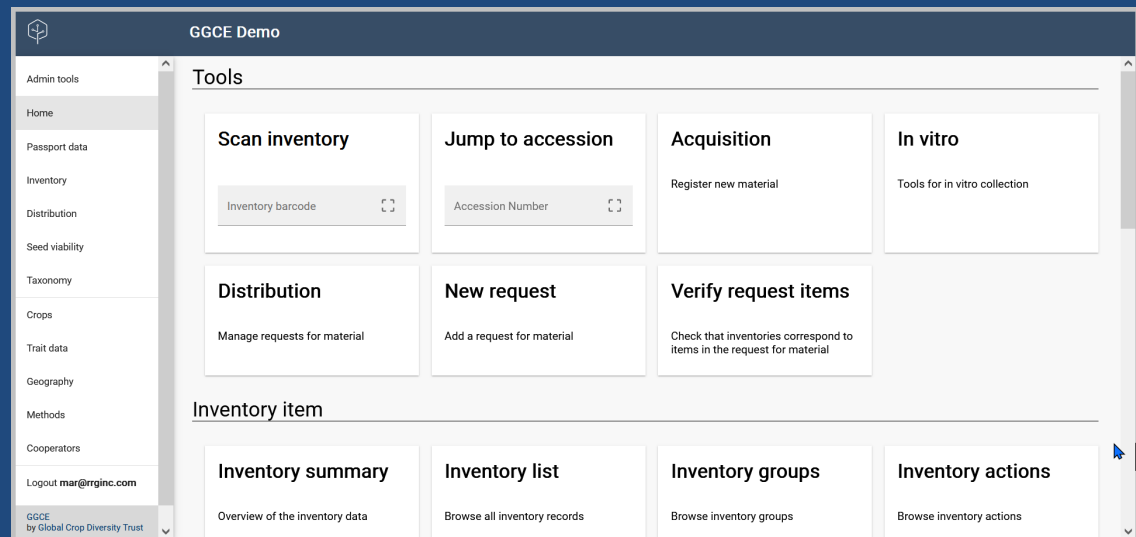
GGCE - Same GG database model
(community extended)

GG...GGCE

The Curator Tool works in GGCE

GG...GGCE

GGCE provides a web interface for internal staff



GG...GGCE

GGCE - no software installation required
for desktops, tablets, and mobiles

Why a New System?

This system is specially designed for the *daily* activities that take place in genebanks...

...for example, the full integration of barcoding and scanning

GGCE

- Focuses on data capture as early as possible
- Emphasizes scanning and integrated barcode-label printing for routine genebank operations

uses bluetooth, WiFi to connect scales, scanners, etc.

Task Progress Monitoring

GGCE allows genebanks to automatically track the progress of their collection management activities such as seed viability, testing, and regeneration,

... enabling better scheduling



Community

“The development builds on GRIN-Global...

presents a major opportunity to further transition all CGIAR genebanks to a common, easy-to-use system that can dramatically improve efficiency. “

Staff data
entry

GG: Curator
Tool

CE: Browser
(CT is
optional)

External
Users

GG: "Public
Website"

CE: Genesys

Demo

Questions?

Sources

Check out:

- <https://www.croptrust.org/pgrfa-hub/crops-countries-and-genebanks/>
- <https://gitlab.croptrust.org/grin-global/support/-/wikis/overview/Overview>
- <https://www.croptrust.org/pgrfa-hub/data-and-information-systems/grin-global-1/>
- <https://www.genesys-pgr.org/>

