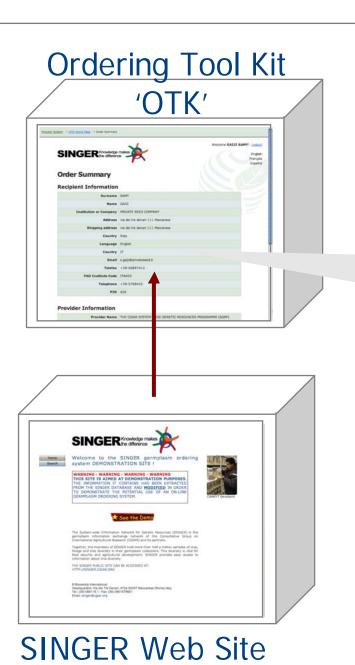# How it works?

A quick overview of the main components used for this demonstration

A SINGER demo web site
providing simple search functionalities was implemented in order to allow the selection of accessions and simulate a germplasm ordering process.

SINGER Web Site

Ordering Tool Kit 'OTK'

An Ordering Tool Kit Web site
was design linked to SINGER demo site.
The 'OTK' allows users to proceed with
their germplasm order following the SMTA
principles.

SINGER Web Site

Ordering Tool Kit 'OTK'

Permanent Identifier Server 'PID'

SINGER Web Site

Permanent Identifier Server
PID Server is used to obtain Permanent Identifiers (PIDs) by natural and legal persons wishing to participate in Standard Material Transfer Agreements (SMTAs).

Ordering Tool Kit 'OTK'

Permanent Identifier Server 'PID'

Data Store
A secured data store will receive from existing 'OTK' or other implementation the SMTA reports. This component is still under development.

SINGER Web Site

Data Store