

The CropBase Platform



9th December 2012

An ever-evolving knowledge-base and social network to support underutilised crops and facilitate uptake pathways across the Research-Value-Chain

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The Problem

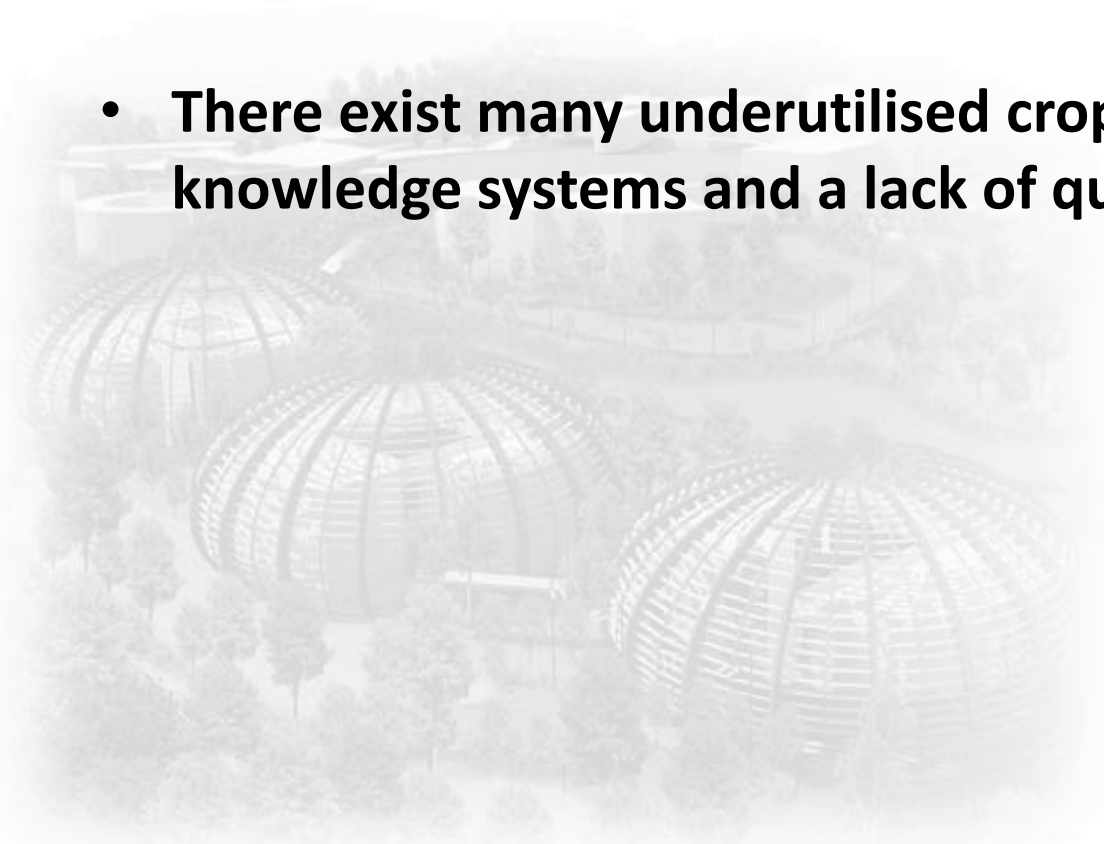
1 of 3

- **Lack of access to integrated, credible, and multidisciplinary knowledge is a major limitation to research, development, and end use of underutilised crops**

The Problem

2 of 3

- **There exist many underutilised crops with fragmented knowledge systems and a lack of quantitative evidence**



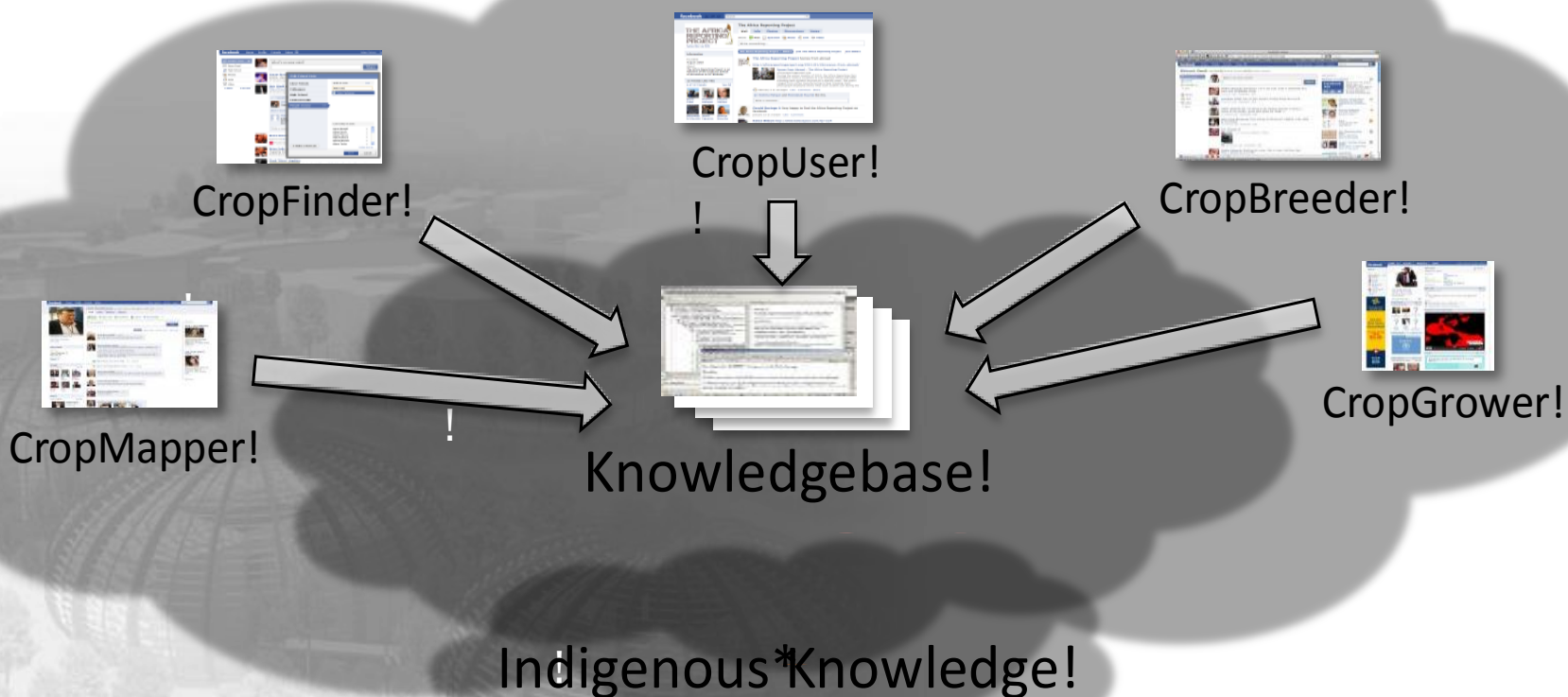
The Problem

3 of 3

- **Multidisciplinary and multinational research and cross community dialogue is severely inhibited by the different languages and the methods of communication used by academic and social groups.**

Our Solution:

The CropBase Platform



Our Solution

The CropBase Platform

- **CropBase will provide an ever-evolving knowledge base to support underutilised crops and facilitate uptake pathways for specific crops across the Research-Value-Chain (RVC)**
- **To achieve this it will:**
 - Collate, evaluate, and disseminate applicable information to each sub-community using digital tools
 - *CropFinder, CropMapper, CropBreeder, CropGrower, CropPredictor, and CropUser*

Our Solution

The CropBase Platform

- **The sharing of relevant information between sub-communities across disciplinary and geographical boundaries in technical and non-technical language**
 - Bi-directional transfer of information between sub-communities
- **The development and testing of an open-source integrated data and knowledge system**
 - supporting and linking CFFRC programmes
 - building new partnerships
 - underpinning national and regional initiatives

Main Heading Text

Sub Heading Text

- Built from the open-source social networking engine: Elgg
- Elgg has:
 - Powerful Data Model
 - User Management
 - Access Controls
 - Customisable:
 - Themes / Skins
 - Plugin API

The Elgg logo, which consists of the word "elgg." in a white, rounded, lowercase font with a thick grey outline. The period at the end is a solid blue dot. The logo is set against a white background with a subtle shadow effect.

elgg.

CropBase



- About
- Activity
- CropBreeder**
- CropFinder
- CropGrower
- CropMapper
- CropUser

CropBreeder

All CropBreeder posts

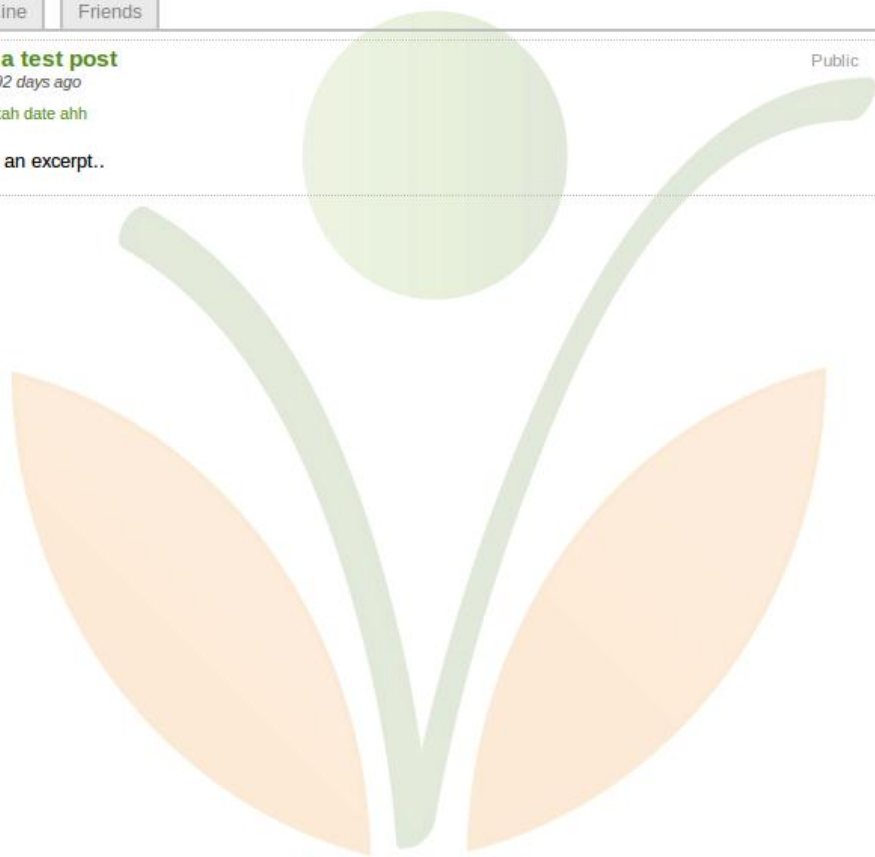
Add CropBreeder post


- All
- Mine
- Friends

 **This is a test post**
By admin 92 days ago Public Edit X Like

 meh tah date ahh

And not an excerpt..



Latest comments

No comments

Tag cloud

meh tah date ahh

 All site tags

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Next Steps

- Continued development of CropBase platform
- Sub-community population
- CFFRC Research Programme tools
- Tweaking of the visual theme to conform CFFRC's media-policy aesthetic

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Next Steps

- Scripting of the CropBase platform pilot-thread/s and content for demonstration purposes
 - CFFRC personal
 - Key CFFRC programme collaborators
 - Fictitious and real CropBase community users
- The development of CFFRC Exemplar-crops Identification tool
 - Utilising existing fragmented and limited data sets

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Next Steps

- CropBase knowledgebase population of known data for key CFFRC prototype underutilised crops
- Identification of research opportunities and projects to feed into the continuing evolution of the CropBase Platform
- Supplement other CFFRC research programmes
 - CFFRCPlus

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Next Steps

- The development a CFFRC Field Research Centre and Site Simulation tool
 - CFFRC Field Research Centre used as a prototype location
 - Available datasets and information
 - CFFRC Personal aiding in development from a users perspective
 - Collaboration with Undergraduates from the School of Computer Science, Univerity of Nottingham Malaysia Campus
 - To be eventually merged into the CropBase Platform as generic location and crop management and simulation toolset
 - for collaborators
 - for general CropBase community use



Thank You