DR GEMMA HEEMSKERK

Project officer and soil scientist

Agriculture Victoria

A UNIQUE DISTRIBUTION CHANNEL FOR NUTRIENT BALANCES
THE IDEA OF FARMBUILD

The Industry

Farmers purchase commercial applications or consultation services, or receive them from their supply chain.

Commercial Businesses and Industry Bodies

Use web service APIs to develop in-house applications.

Use Web Service APIs to develop plug-ins and applications.

Developers

Businesses and industry bodies contract developers to develop plug-ins or applications to support commercial business services.

http://farmbuild.github.io/farmbuild
Traditional ‘spreadsheet’ calculator of Whole Farm Nutrient Balance translated into JavaScript code and provided on open-source repository. Software developers can utilise FarmBuild functions to build their own digital tools and applications. http://farmbuild.github.io/farmbuild

Image: Sources of nutrient import/export in total volume (mass) and in elemental N form as would be displayed through FarmBuild WFNB calculator.