

# DR GEMMA HEEMSKERK

Project officer and soil scientist

Agriculture Victoria

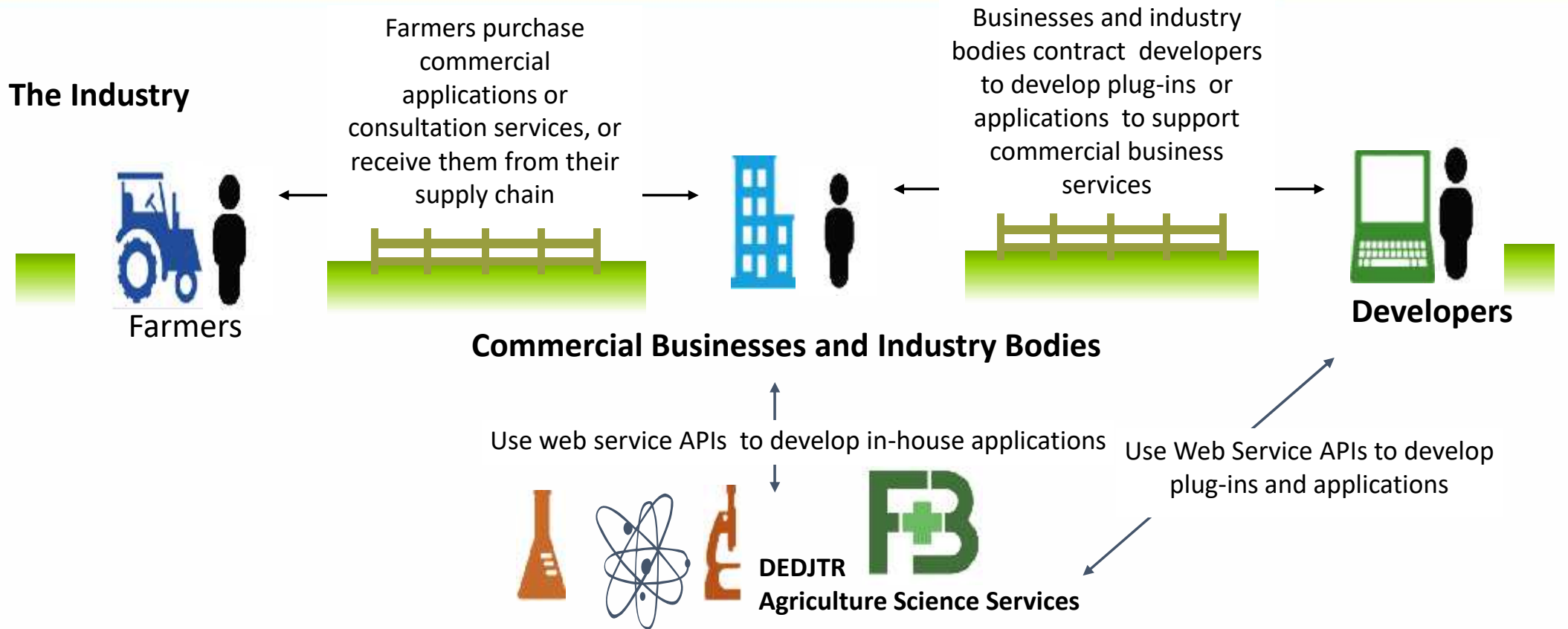
## A UNIQUE DISTRIBUTION CHANNEL FOR NUTRIENT BALANCES



Economic Development,  
Jobs, Transport  
and Resources



# THE IDEA OF FARBUILD



<http://farmbuild.github.io/farmbuild>



# TRANSLATING SCIENCE TO OPEN SOURCE & ONLINE

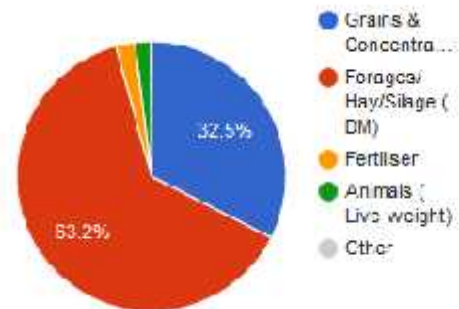
Traditional 'spreadsheet' calculator of Whole Farm Nutrient Balance translated into JavaScript code and provided on open-source repository. Software developers can utilise FarmBuild functions to build their own digital tools and applications.

<http://farmbuild.github.io/farmbuild>

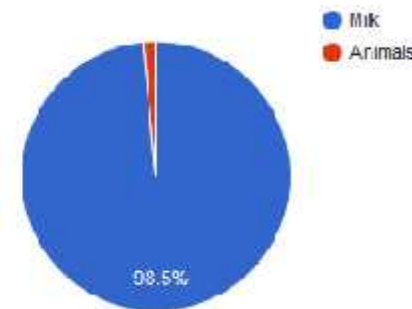
Mass Import Export Charts

Nutrients Import Export Charts

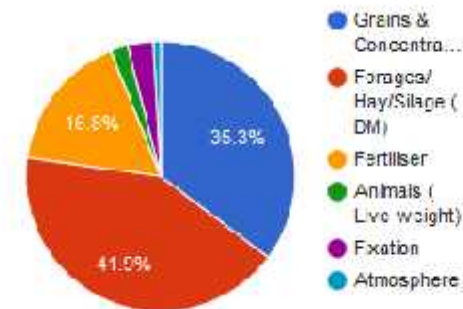
Mass Imported



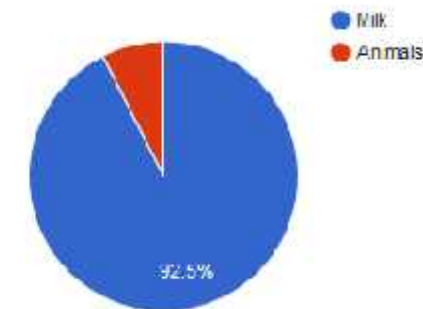
Mass Exported



Nitrogen Imported



Nitrogen Exported



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