Mobile On-Farm Digital Technology for Smallholder Farmers

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www.sydney.edu.au/acfr/agriculture

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Australian Centre for Field Robotics

Background

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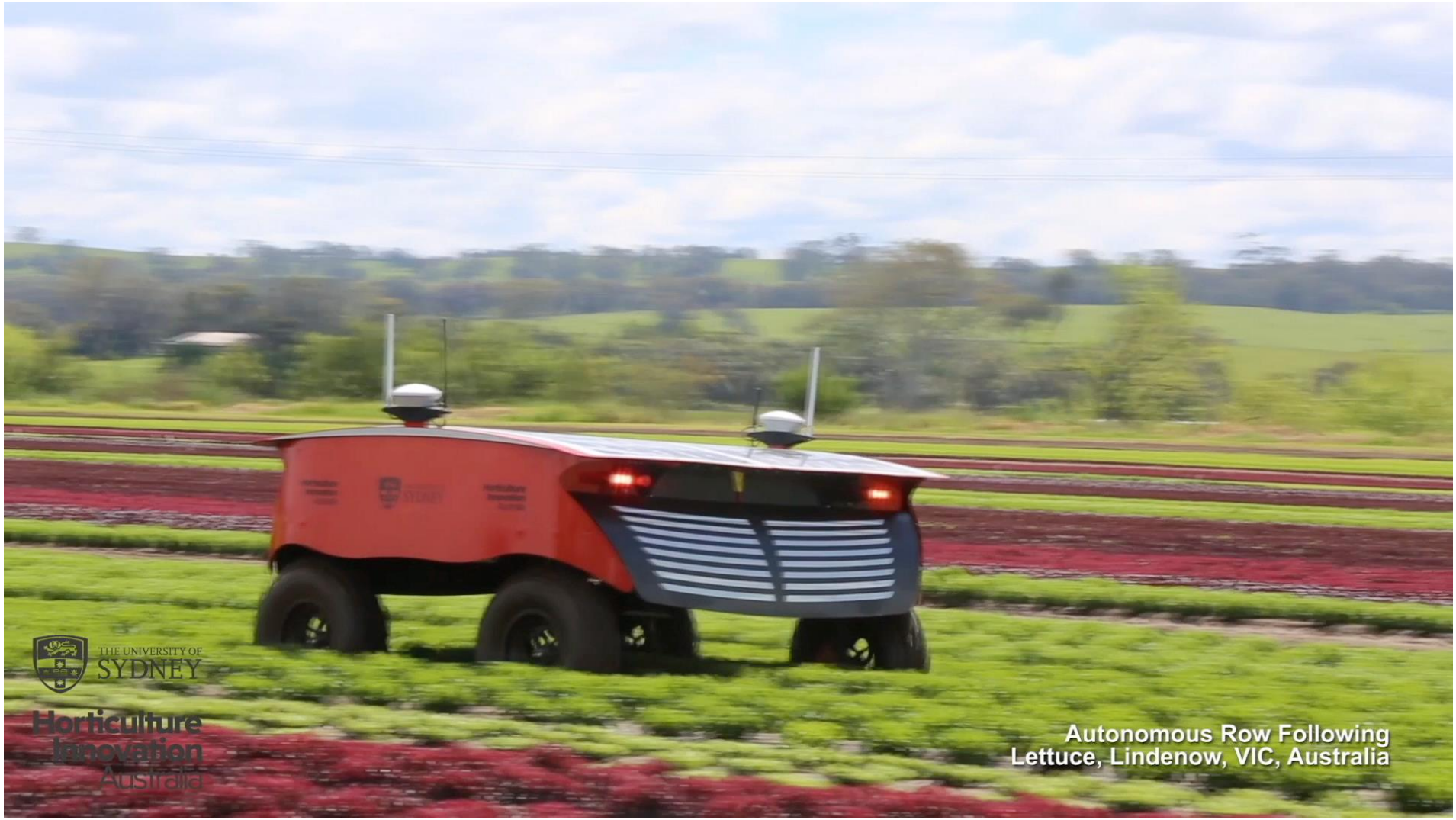
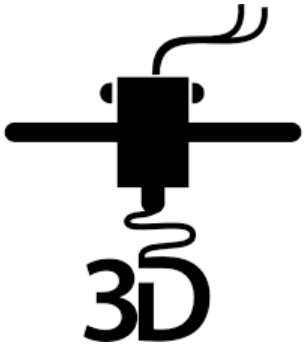
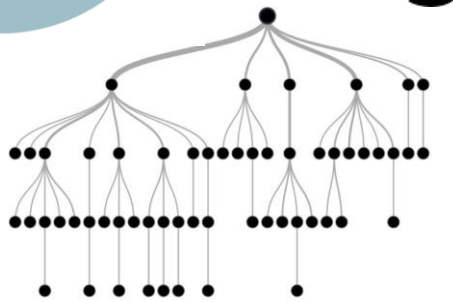
Farm Robotics



From 20% to 100%





STEM

Science • Technology • Engineering • Math

First Iteration and Testing

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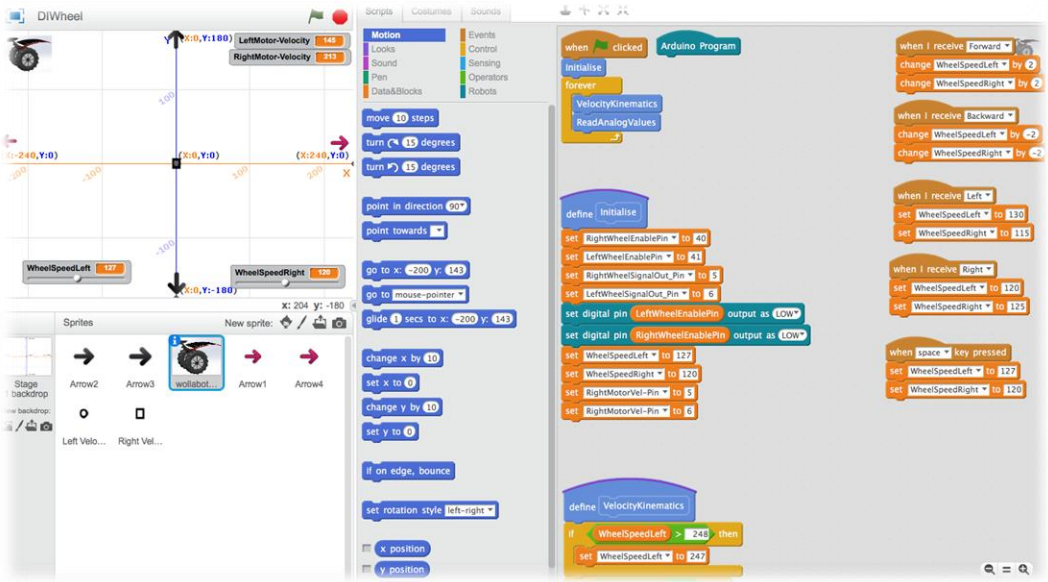
Digital Farmhand – First Iteration

First Experiment: coding for rural schools



First Experiment: Developing Needs

Second Iteration and Testing

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Digital Farmhand – Local Smallholder Farmer Demo

Next Steps

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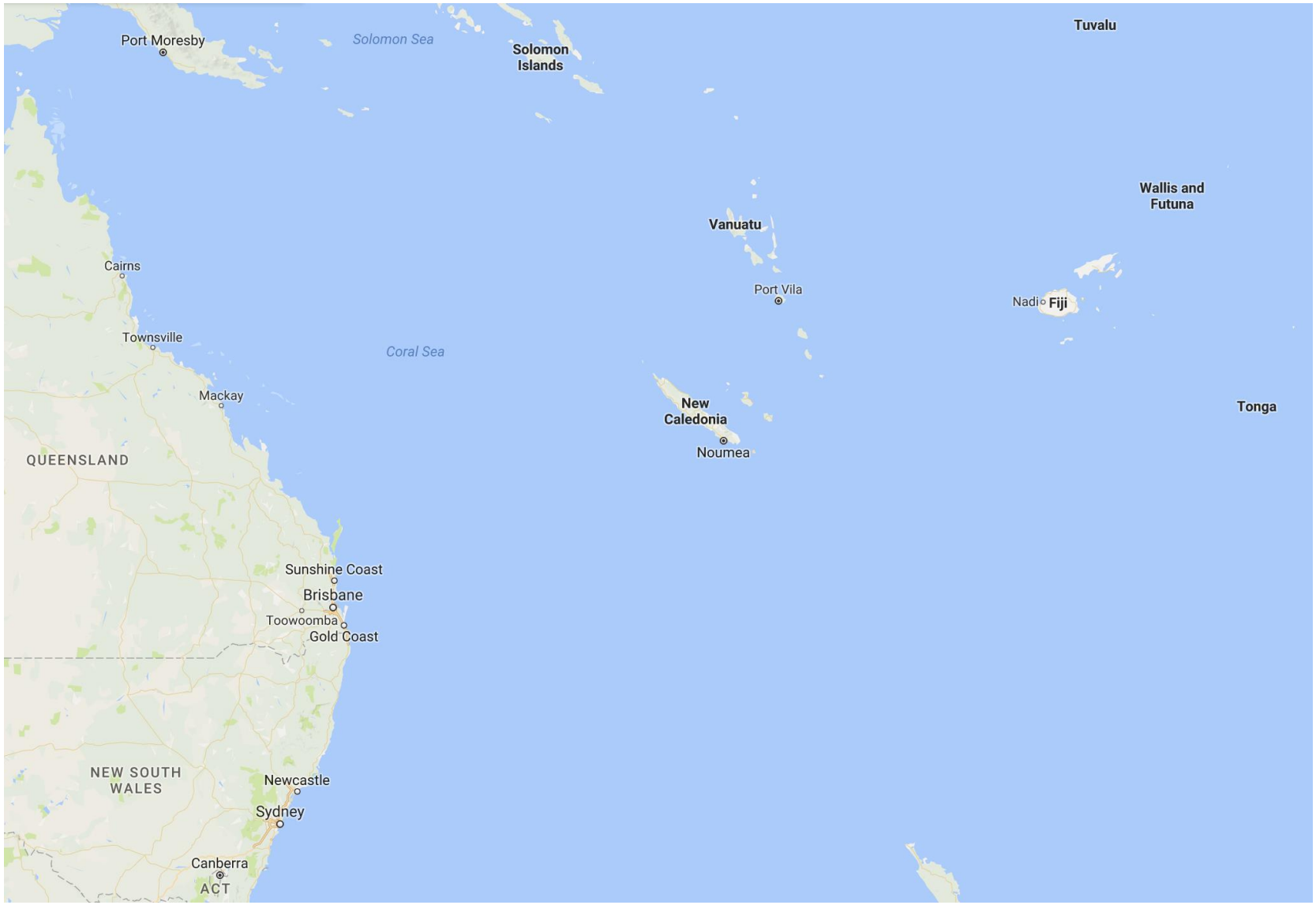
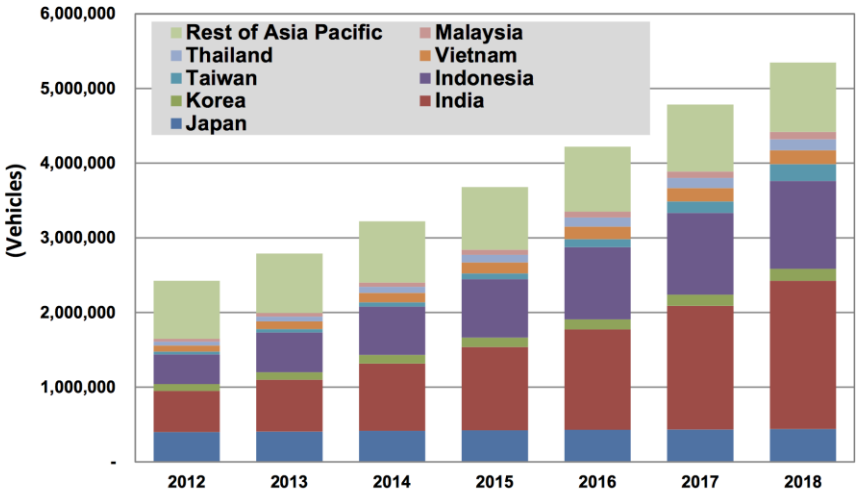
Scoping Study & Metric Capture: Pacific Islands



Developing a Common Education and Training Program

Digital Farmhand: Third Iteration

Chart 1.2 Electric Two-Wheel Vehicle Sales by Country, Except for China, Asia Pacific: 2012-2018



(Source: Pike Research)

obi worldphone MV1 Perfect Balance

OpenAI

Discovering and enacting the path to safe artificial general intelligence.

RESEARCH SYSTEMS

OPENBUILDS

'Dream it - Build it - Share it'.

PaddlePaddle

The Microsoft Cognitive Toolkit

Publish WhatYouFund
The Global Campaign for Aid Transparency

CGIAR
Platform for Big Data in Agriculture

Open Ag Data Alliance

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