On Farm Connectivity Information Service

INFORMATION TOOLKIT

NOVEMBER 2023

National Farmers Federation

Regional Tech Hub

INFORMATION TOOLKIT

In this toolkit, you will find everything you need to help spread the word about the new On Farm Connectivity Information Service.

Containing links to resources you can download, or share, via your communications channels - please distribute to your network.

Keep checking the Regional Tech Hub website for regular updates and additional information to help get you connected

OVERVIEW

On-farm connectivity. Driving the next wave of productivity.

The National Farmers' Federation (NFF) are proud to support the Federal Government's On Farm Connectivity Program (OFCP), by delivering a free Information Service to boost on-farm digital and agtech adoption.

Launching the independent On Farm Connectivity Information Service, the NFF's Regional Tech Hub works directly with farmers to help them make informed decisions around the connectivity technologies best suited to their business.

Whether it be determining how to extend connectivity from the house to the machinery shed or yards, or how to support some of the highly sophisticated production networks and systems they wish to adopt, the Information Service provides practical, tailored solutions.

Farmers are urged to make use of this free, independent advisory service, so they can confidently participate in the On Farm Connectivity Program and access rebated support for the cost of eligible equipment, including installation and training, to boost the productivity of their business.

CONNECTING WITH THE REGIONAL TECH HUB

Regional Tech Hub

Free and independent service available to help answer questions about the On Farm Connectivity Program. We also provide advice on selecting connectivity options and technologies for your farm:

To support the roll out of the program, the NFF has launched an On-Farm Connectivity Information Service, delivered through the Regional Tech Hub, to help farmers access rebates up to $30,000 under the **Australian Government's new On Farm Connectivity Program**. This is a completely free and independent service that helps farmers by answering any questions or helping them understand what connectivity technology options they may need and can access through the program.

Ways to get in touch with the Regional Tech Hub:

- Visit our website: **Here**
- Book an appointment to chat with our team: **Here**
- Call us on **1300 081 029**
- Fill out a contact form for individualised info: **Here**

FOR MORE INFORMATION WATCH OUR WEBINAR.

Held on 23 November 2023, where we hear from the Regional Tech Hub and the Department on program eligibility, the application process, and lots of questions answered from farmers.

VIDEO LINK

How we can help:

- Walk you through the eligibility criteria for the program
- Provide examples of equipment covered by the rebate
- Free advice on choosing the right connectivity technology and develop an adoption plan
- Sounding board to discuss options and ideas for on farm connectivity
- Walk farmers through their best options and next steps
- Answer any technical questions farmers might have.

We have already helped dozens of farmers better understand their options and how to apply through the program. Please get it in touch if we can help you!

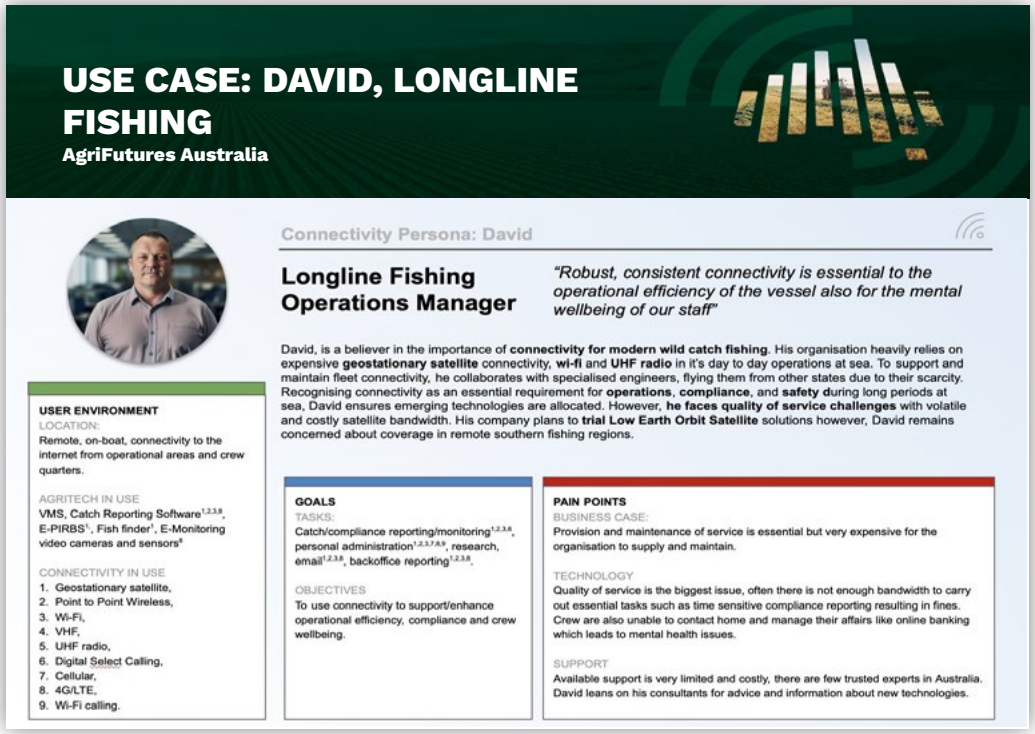
CASE STUDY

USE CASE:

DAVID, LONGLINE FISHING

AgriFutures Australia

DOWNLOAD CASE STUDY HERE



USE CASE: DAVID, LONGLINE FISHING

AgriFutures Australia

Connectivity Persona: David

Longline Fishing Operations Manager

"Robust, consistent connectivity is essential to the operational efficiency of the vessel also for the mental wellbeing of our staff"

David, is a believer in the importance of **connectivity for modern wild catch fishing**. His organisation heavily relies on expensive **geostationary satellite** connectivity, **wi-fi** and **UHF radio** in it's day to day operations at sea. To support and maintain fleet connectivity, he collaborates with specialised engineers, flying them from other states due to their scarcity. Recognising connectivity as an essential requirement for **operations**, **compliance**, and **safety** during long periods at sea, David ensures emerging technologies are allocated. However, **he faces quality of service challenges** with volatile and costly satellite bandwidth. His company plans to **trial Low Earth Orbit Satellite** solutions however, David remains concerned about coverage in remote southern fishing regions.

USER ENVIRONMENT

LOCATION:

Remote, on-boat, connectivity to the internet from operational areas and crew quarters.

AGRITECH IN USE

VMS, Catch Reporting Software[1,2,3,8], E-PIRBS[1], Fish finder[1], E-Monitoring video cameras and sensors[8]

CONNECTIVITY IN USE

1. Geostationary satellite,
2. Point to Point Wireless,
3. Wi-Fi,
4. VHF,
5. UHF radio,
6. Digital Select Calling,
7. Cellular,
8. 4G/LTE,
9. Wi-Fi calling.

GOALS

TASKS:

Catch/compliance reporting/monitoring[1,2,3,8], personal administration[1,2,3,7,8,9], research, email[1,2,3,8], backoffice reporting[1,2,3,8].

OBJECTIVES

To use connectivity to support/enhance operational efficiency, compliance and crew wellbeing.

PAIN POINTS

BUSINESS CASE:

Provision and maintenance of service is essential but very expensive for the organisation to supply and maintain.

TECHNOLOGY

Quality of service is the biggest issue, often there is not enough bandwidth to carry out essential tasks such as time sensitive compliance reporting resulting in fines. Crew are also unable to contact home and manage their affairs like online banking which leads to mental health issues.

SUPPORT

Available support is very limited and costly, there are few trusted experts in Australia. David leans on his consultants for advice and information about new technologies.

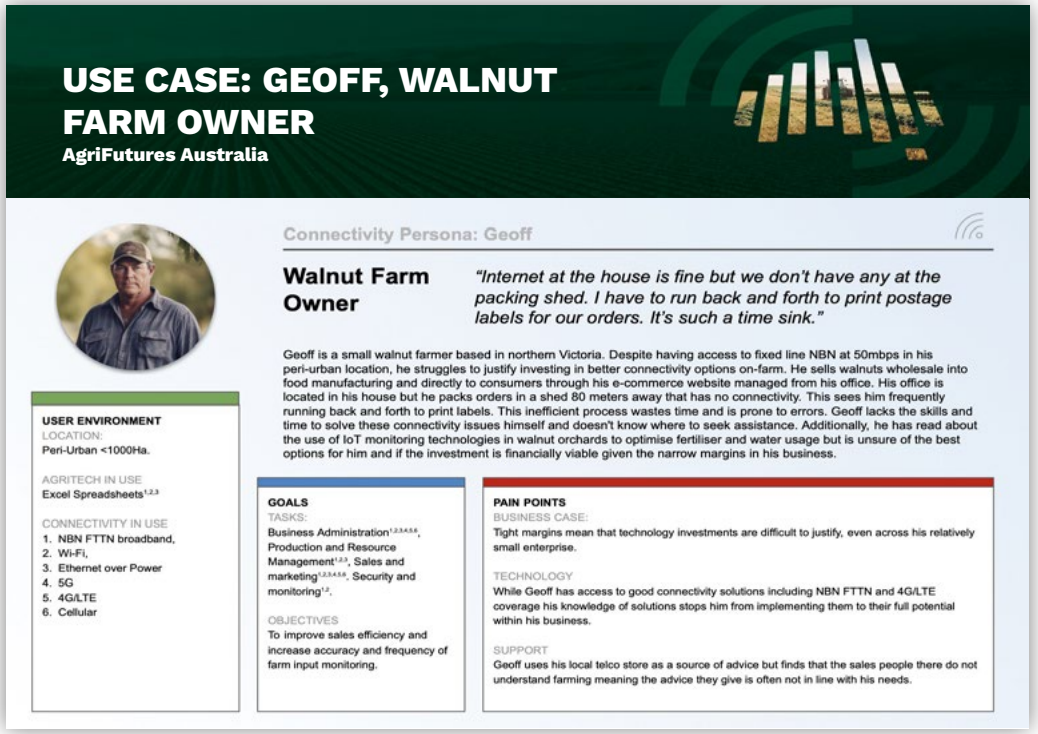
CASE STUDY

USE CASE:

GEOFF, WALNUT FARM OWNER

AgriFutures Australia

DOWNLOAD CASE STUDY HERE



CASE STUDY

USE CASE:

JULIA, MARKETING MANAGER AND FARMER

AgriFutures Australia

DOWNLOAD CASE STUDY HERE

CASE STUDY

USE CASE:

DUNCAN, OYSTER FARMER

AgriFutures Australia

DOWNLOAD CASE STUDY HERE

FACTSHEETS

FACT SHEETS

ON-FARM CONNECTIVITY TECHNOLOGY OPTIONS

PICKING THE RIGHT CONNECTIVITY SOLUTION FOR YOUR FARM BUSINESS

ON-FARM CONNECTIVITY EQUIPMENT: AN ESSENTIAL GUIDE

STEPS IN YOUR ON-FARM CONNECTIVITY JOURNEY

ON-FARM CONNECTIVITY: ENVIRONMENTAL MONITORING FACTSHEET

ON-FARM CONNECTIVITY: FARM MANAGEMENT EQUIPMENT FACTSHEET

ON-FARM CONNECTIVITY TECHNOLOGY OPTIONS

PICKING THE RIGHT CONNECTIVITY SOLUTION FOR YOUR FARM BUSINESS

ON-FARM CONNECTIVITY EQUIPMENT: AN ESSENTIAL GUIDE

STEPS IN YOUR ON-FARM CONNECTIVITY JOURNEY

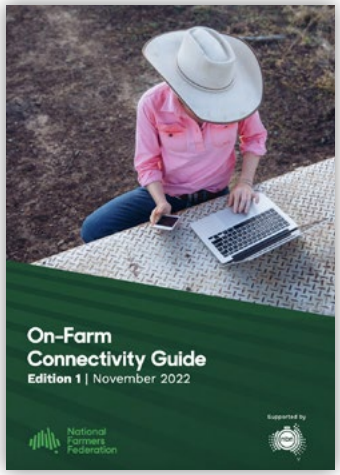
ON-FARM CONNECTIVITY: ENVIRONMENTAL MONITORING FACTSHEET

ON-FARM CONNECTIVITY: FARM MANAGEMENT EQUIPMENT FACTSHEET

USEFUL GUIDES

USEFUL GUIDES:

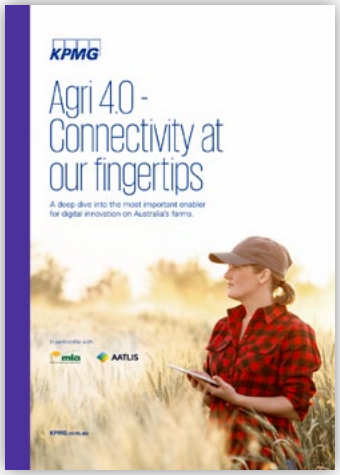
Handy guides for reference



ON-FARM CONNECTIVITY GUIDE

This guide is designed to assist farmers better to understand the key phrases used in the on-farm, AgTech and connectivity sectors as they are relevant to agricultural operations.

DOWNLOAD GUIDE HERE



AGRI 4.0 - CONNECTIVITY AT OUR FINGERTIPS

The purpose of this paper is to cut through the confusion surrounding on-farm connectivity. KPMG IoT and AgTech specialists explore the technology landscape, and shine light on the stories of pioneering farmers who have already adopted digital technology to advance their enterprises.

DOWNLOAD PDF HERE

VIDEOS

USEFUL VIDEOS:

Video to watch to learn about Farmers experiences

MEET TIM GLEESON, A CONNECTED FARMS BROADACRE CUSTOMER.

Connected Farms

Meet our customer Tim Gleeson who owns a broadacre operation in Victoria.

VIDEO LINK

MEET ZAC GLOVER A CONNECTED FARMS BROADACRE CUSTOMER.

Connected Farms

Meet Zac Glover our valued customer share his experience with our Satellite on the move product!

VIDEO LINK

MEET PETER A SOUTH AUSTRALIA BROADACRE FARMER

Connected Farms

Watch Peter Glover's journey and see how it's boosting operations on his farm.

VIDEO LINK

MORE INFORMATION

Regional Tech Hub

regionaltechhub.org.au/home/on-farm-connectivity-program/

On Farm Connectivity Program

infrastructure.gov.au/ofcp

business.gov.au/grants-and-programs/on-farm-connectivity-program

National Farmers Federation

nff.org.au/on-farm-connectivity-information-service

THANK YOU FOR SPREADING THE WORD

On-farm connectivity. Driving the next wave of productivity.

National Farmers Federation

Regional Tech Hub