

Digital Irrigated Agriculture Workforce Futures

Challenge 2: Creating value from digital technologies to support the irrigated agriculture sector

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The project

Digital literacy is a key skill for current and future **workforces** in the irrigated agriculture industry throughout the Murray Darling Basin. This includes, but is not limited to, producers, technicians, agronomists, managers and labourers. The challenge is how to deliver ‘point of need’ and effective digital education for all users in suitable and accessible formats for a wide cross section of learners with varied backgrounds to:

- confidently acquire, interpret and derive knowledge from digital technology
- adapt as the sector continues to rapidly change.

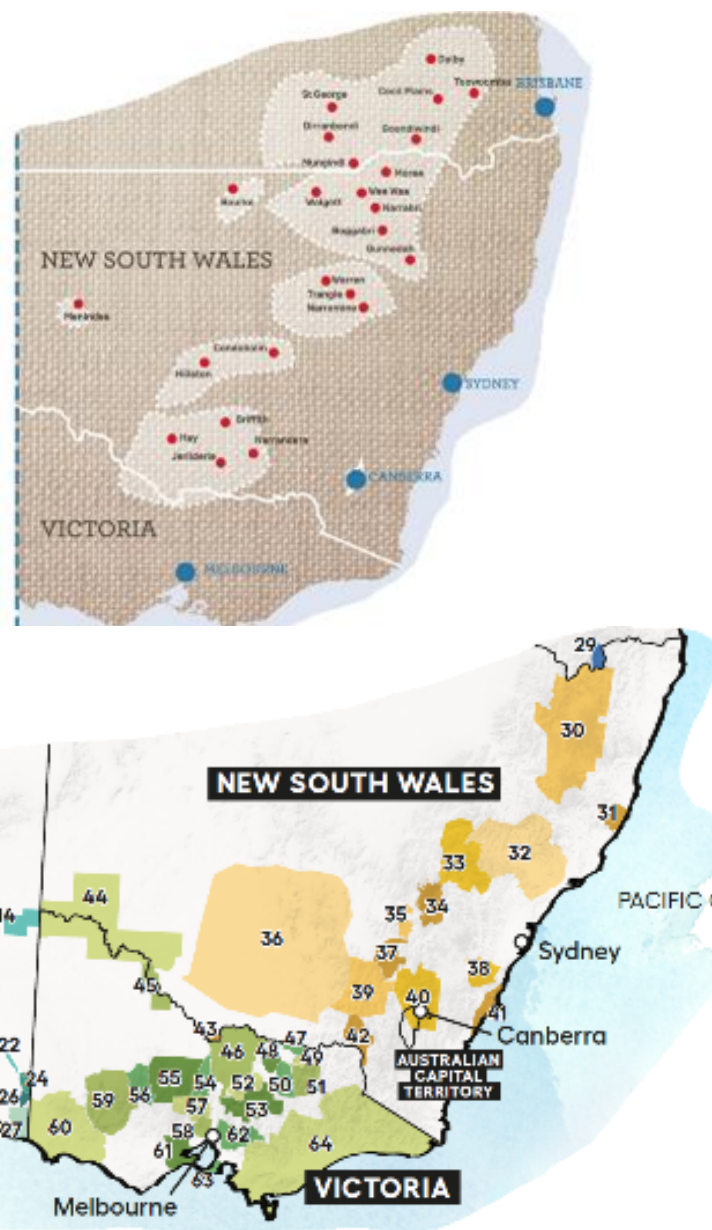


Target commodities

Cotton

Viticulture

Perennial horticulture



Aims

- Support the improvement of **digital uptake** through increased awareness, understanding, confidence and proficiency
- Define **educational frameworks** and best practise delivery models needed to achieve this
- Define social and monetary return on investment (ROI) for education delivery systems

Research methodology

- Action research with Smart Farms
- Questionnaires and workshops to create base line data
- Co-design with users across the ecosystem



Outcomes

Understand	Consult
levels of digital literacy	industry
current curriculum	educators
current learning	users
	First Nations groups
	learners
Trial	Analyse
learning frameworks	social cost benifit
fit for purpose	learning
new learning delivery	ROI



Next steps

In discovery (plan) phase:

- Collecting background information (research, people and places).
- Building stakeholder engagement.
- Seeking ethics approval for questionnaire and workshops.
- Defining practical digital literacy for irrigated agriculture.
- Developing educational framework (with consultation).

Associated projects

This project forms part of a larger project for Challenge 2 with two other components:

- Redefining the value, and experience of digital irrigation technologies;
- Digital Irrigation Advisory Systems: Enabling extension and advisory services for agriculture’s digital irrigation transition.



Get involved

To register interest and for project updates.



Contact information

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