

iEMAP

irrigation environmental management action planning



Above: iEMAP participants working on their farm action plan. Photo: DPI.



Above: iEMAP workshop in progress. Photo: DPI.

Irrigation Environmental Management Action Planning (iEMAP) has provided irrigators in the Victorian Mallee with a coordinated whole farm planning approach to addressing natural resource management issues.

The iEMAP program has been running in the Mallee since 2009, with delivery targeted in the Merbein, Colignan, Nyah, Robinvale, Lindsay Point/Lake Cullulleraine and Karadoc areas (Figure 1).

Through iEMAP, irrigators have been assisted with training in natural resource management and given the skills to

develop whole farm action plans for their own properties. In addition, iEMAP has supported irrigators to consider aspects of best management practice that minimises impacts on the region's natural resources.

A major component of iEMAP has the workshops that focused on natural resource management. These workshops provided participating irrigators with the foundation to identify natural assets on their property and threats to these assets. Irrigators then planned management actions to protect these assets from impacts, such as salinity.

At a glance

In the three rounds of iEMAP delivered in the Mallee since 2005 the program has:

- Engaged 76 irrigators;
- Developed plans covering more than 62,000 hectares of irrigated land; comprising 43% of Mallee irrigated agricultural land in the Mallee;
- Identified 13,278ha, 395km and 211 sites of on-ground actions to implement, as well as 107 whole farm actions.

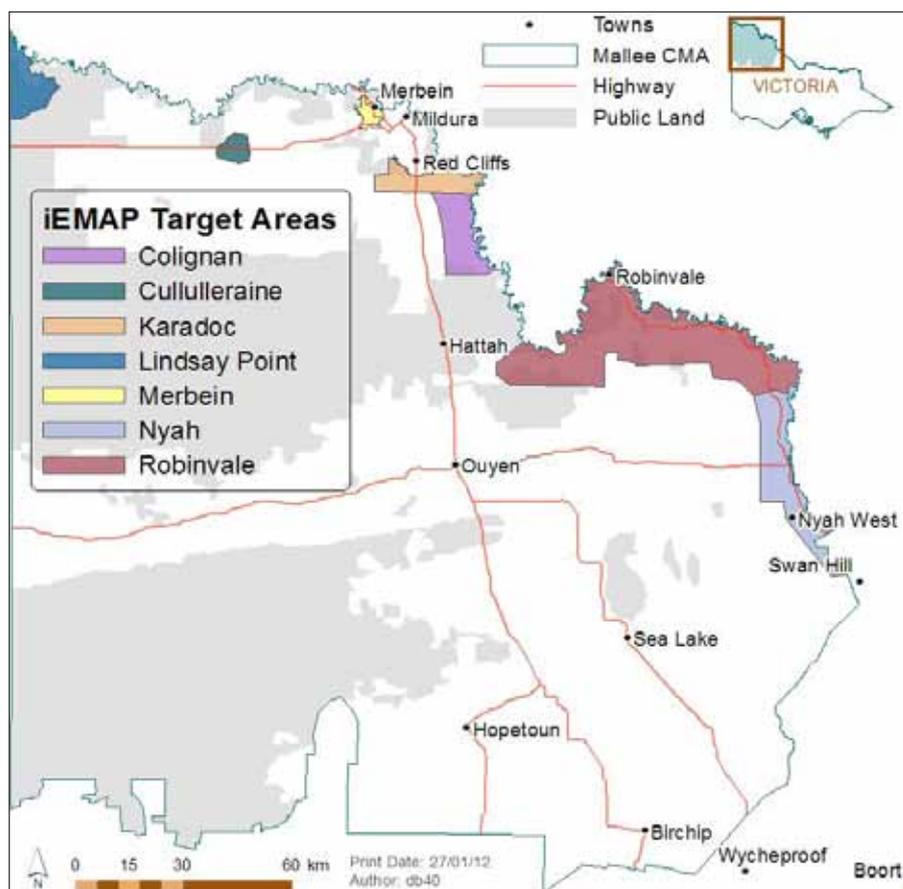


Figure 1: iEMAP target areas. Map: Mallee CMA

This information was captured and documented spatially on an aerial photograph map.

The data collected through the iEMAP program has provided a guide for investment in on-ground works on private irrigated agricultural land in the Mallee.

The third round of the iEMAP program was delivered in 2010/11. A total of 76 irrigators with land holdings of more than 62,000 hectares have completed the program since it began in 2009. This

equates to 43% of the Mallee catchment irrigated area.

Through the program, iEMAP participants identified 13,278ha, 395km and 211 sites of on-ground actions to implement in the Mallee irrigation area, as well as 107 whole farm actions (Table 1).

Acknowledgements

The iEMAP program was delivered in partnership between Mallee Catchment Management Authority (CMA), Department of Primary Industries

Table 1. Summary of actions identified in iEMAP.

Action Category	Unit	Total
Biodiversity	km	368.9
	ha	11,390
Irrigation and Water Management	farms	31
	km	14.4
	sites	195
	ha	242
Pest Plants, Animals and Diseases	ha	416
Salinity	km	2.2
	ha	49
Soil and Nutrition	farms	21
	ha	48.2
Safety and Wellbeing	farms	5
	sites	2
Whole Farm Planning	farms	50
	km	9.5
	sites	14
	ha	1,133
Total whole of farm		107
Total km		395
Total sites		211
Total hectares		13,278

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Find out more

For further information on iEMAP contact Peter Hamence DPI Mildura on 03 5051 4352 or visit

www.malleecma.vic.gov.au

The data for this fact sheet has been taken from 'Delivery of EMAP Programs Final Report 2010/11' - SunRISE21.

Project Partners



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