

ARWA'S CLIMATE ADAPTATION PROGRAM

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Project Outline

To address the challenge presented by climate change in WA, the Agriculture Research Western Australia (ARWA) Alliance – a collaboration between the Department of Agriculture and Food Western Australia, The University of Western Australia, Curtin University of Technology, Murdoch University and CSIRO – has developed the Climate Adaptation Program. The Program will bring together the capability of all the partners to undertake priority climate change impact and adaptation research projects that will deliver outcomes beyond the reach of any individual research institute.

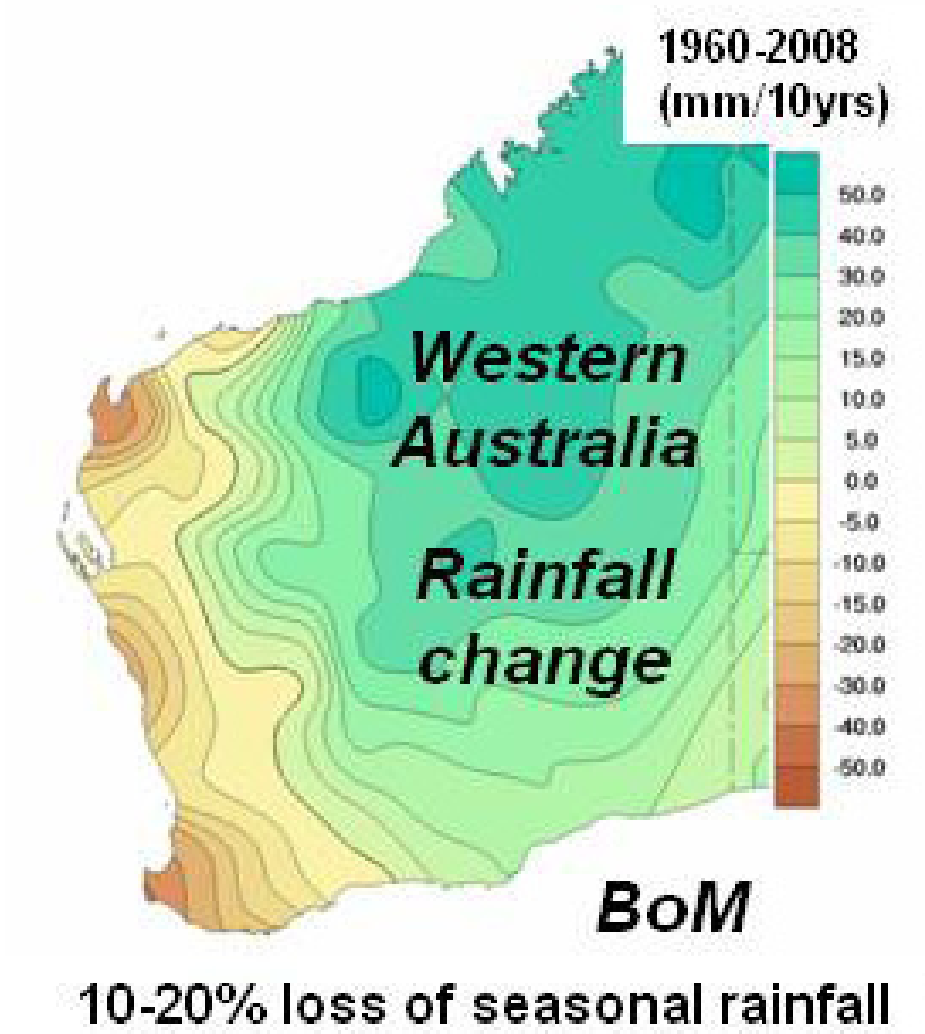
Aim

Linked to national and international research programs, including CSIRO's Climate Adaptation Flagship, the Climate Adaptation Program will deliver the information, knowledge, tools and innovations to help decision makers manage the risks and capture the opportunities a changing climate will present to rural industries and communities in southern Western Australia.

Project Status

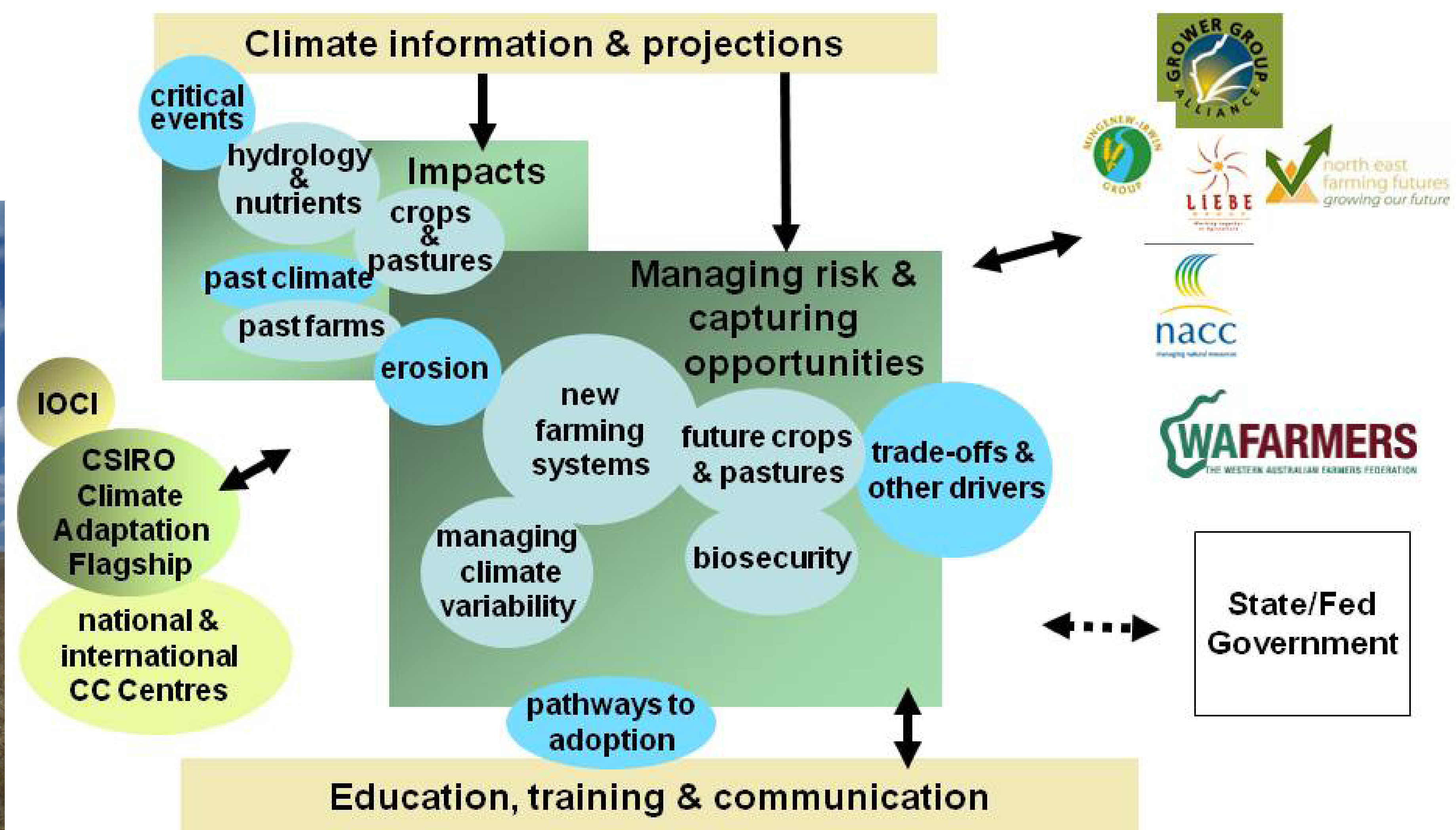
Funding for the first nine Climate Adaptation Program (CAP) projects with a 5.5M\$ investment from a range of sources has been secured. These projects include:

- Downscaled climate projections, led by Dr Steve Charles, CSIRO
- New land use systems/industries as a response to climate change, led by Dr Michael Robertson, CSIRO
- Hydrology, soil conditions and nutrient cycling, led by Dr Neil Coles & Prof Zed Rengel, UWA
- Biosecurity – impact on pests, weeds and diseases, led by Dr John Scott, CSIRO
- A virtual laboratory of the Northern Agricultural Region, led by Dr Senthold Asseng, CSIRO
- Analysis and prediction of critical events in response to climate, led by Prof Christoph Hinz, UWA
- Adapting wheat to climate change in Western Australia, led by Dr Steve Milroy, CSIRO
- Crop adaptation to climate change, led by Prof Kadambot Siddique, UWA
- Improving seasonal climate forecasts for South West WA, led by Dr Senthold Asseng, CSIRO



Lower rainfall in the last 50 years in South West of Western Australia, indicate WA is facing the effects of climate change already. Source: Australian Bureau of Meteorology

These projects have commenced and started delivering towards ARWA's Climate Adaptation Programs aims.



CAP, the Program with the capacity to assist "Greater adaptive capacity & resilience of WA's agriculture to climate change"

FOR MORE INFORMATION CONTACT:

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