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# Enhancing Private Investment in RD&E

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What the project was.

Why we did it.

How we did it.

What were the results?



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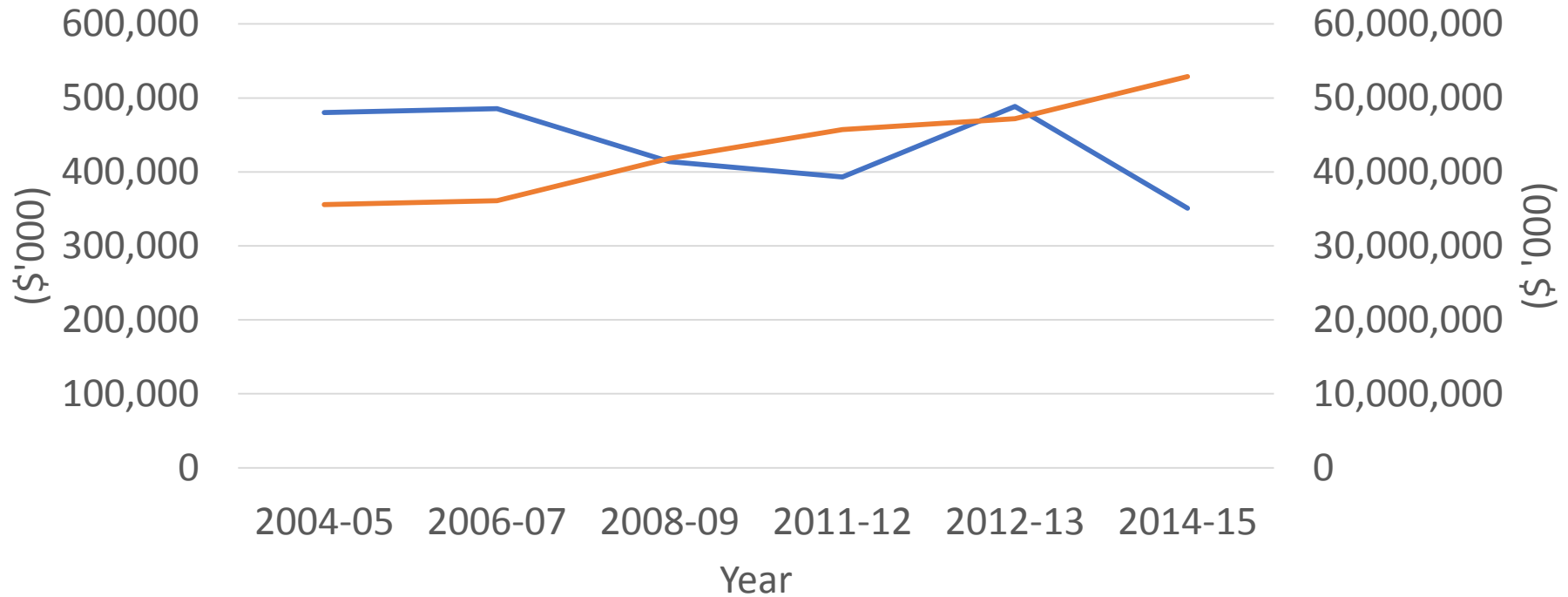
A study to determine the factors influencing private investment in RD&E in Australia.





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### State/Territory governments expenditure on R&D by Fields of Research

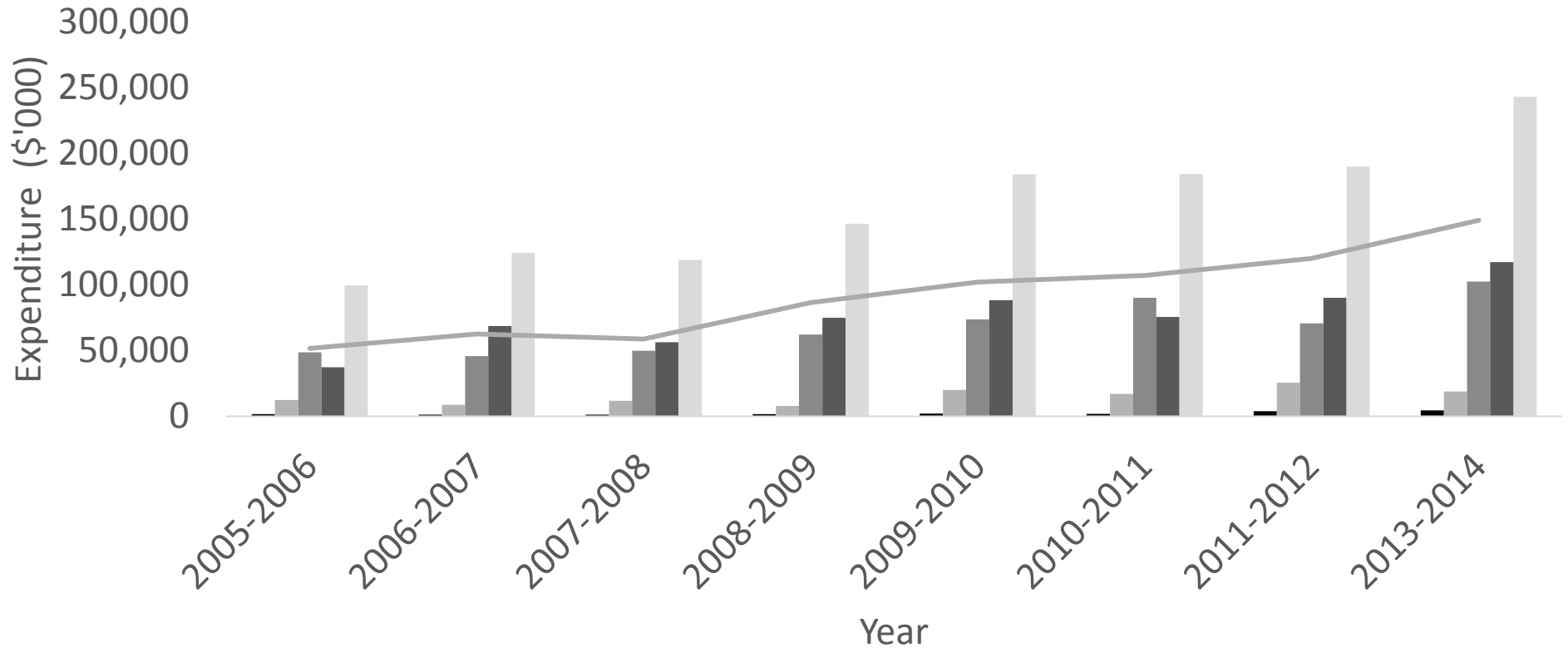


— State/Territory Expenditure (\$'000)

— Gross value of Australian Agriculture (\$'000)



### Total business expenditure on RD&E: Agriculture, Forestry and Fishing 2005-2014



- Pure basic research
- Applied research
- Total expenditure on R&D
- Strategic basic research
- Experimental development
- Total Agriculture



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Millions of the national currency – 2013/2014	Australia \$AUD	New Zealand \$NZ	U.S. \$US	Canada \$CAD	UK £	France €	Japan ¥	China ¥
Gross Domestic expenditure on RD&E-GERD	33,472	2,685	477,708	31,972	28,900	47,480.452	16,680,069	1,184,659
Business enterprise RD&E expenditure	18,849	1,246	340,728	16,032	18,400	30,708.072	12,691,655	912,187.43
GERD as a percent of National GDP	2.12%	1.20%	2.74%	1.70%	1.67%	2.24%	3.59%	2.05%
Percentage of RD&E expenditure by private business	56%	46%	65-71%	52%	64%	65%	76%	77%
BERD as a percent of national GDP	1.19%	0.54%	1.94%	0.85%	1.10%	1.44%	2.79	1.58



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**A more descriptive methodology is developed by the ABS for categorising agricultural RD&E expenditure to better inform public funding gaps and strategy and identify areas of research capability and capacity.**



Interviewed 20 businesses investing in RD&E in Australia.

Distributed survey to a further 200 investors or potential investors in RD&E.

- Why are you investing in RD&E?
- Why aren't you investing in RD&E?
- What would make you invest in RD&E?





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The quality of research and research service providers is **not** an impediment to investment.



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R&D tax concessions important factor  
for smaller businesses, secondary  
consideration for large businesses.



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For large businesses

- Market size
- Global opportunity
- Transferability



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To be able to adequately service disparate  
Australian markets need good partnerships.

This is an issue.....



Inability to form effective public private partnerships was a major reason for lack of investment in RD&E.

- Commercialisation culture
- Administrative inefficiencies
- IP management



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Smaller organisations without in-house capacity – investment limited by ability to find appropriate research expertise and capacity.



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For all organisations – cost and uncertainty of regulatory compliance was a major factor.

## Platinum & Gold Corporate Partners



## Corporate Partners

