



Australian Government

Australian Trade and Investment Commission

# Australian Agriculture & Environmental Sustainability 澳大利亚农业和可持续发展

Australian Trade & Investment Commission  
澳大利亚贸易投资委员会

2023.3.13

报告著作权归原作者，仅供“论坛名称”参会代表查阅





Australian Government

Australian Trade and Investment Commission

**Ms. LIU Bing**

**刘冰 女士**

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Australian Trade and Investment Commission**

**Deputy Consul General (Commercial)**

**Australian Consulate-General Shanghai**

**澳大利亚贸易投资委员会 高级贸易投资专员**

**澳大利亚驻沪总领事馆 副总领事**



**AUSTRALIA**

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澳大利亚贸易投资委员会

# THE AUSTRALIAN TRADE AND INVESTMENT COMMISSION (AUSTRADE)

▪ Trade 促进贸易

▪ Investment 赴澳投资

▪ Education 教育留学

▪ Visitor Economy 旅游经济

Advice 咨询

Connections 连接

Support 支持



2024

01.

# Australia's agribusiness and food industry

## 澳大利亚农业和食品业



# Australian Agriculture Overview

## 澳大利亚农业概况

Australian agriculture accounts for 澳大利亚农业生产占:



**55%** of Australia's land use  
总土地面积的55%



**74%** of water consumption  
74%的总用水量



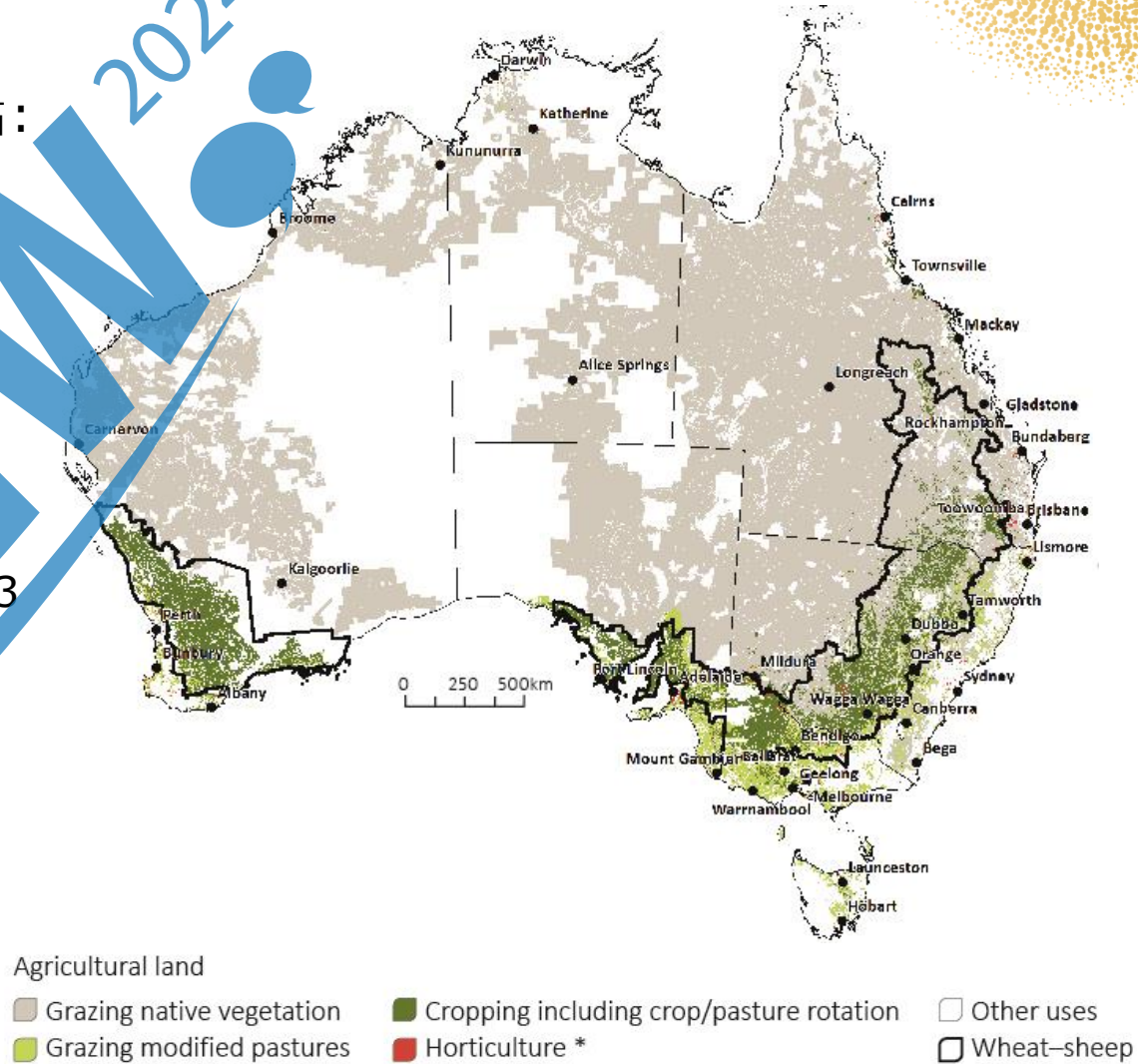
**13.6%** of goods and services exports in 2022-23  
2022-23货物和服务出口的13.6%



**2.4%** of value added (GDP)  
国内生产总值的2.4%



**2.5%** of employment  
总就业的2.5%



Source: ABARES 2024, Australian Industry Snapshot

## A leading agricultural producer 领先的农业生产商



**12th out of 113 countries for agricultural production**  
农业生产在113个国家中排名第12



**Sector comprises of over 87,000 businesses**  
行业的企业数超过87,000家



**World top 15 agricultural exporter**  
世界第15位农产品出口国



**Produce a healthy surplus that feeds an estimated 60 million people annually**  
我们的生产盈余每年可养活约6000万人



**9 out of top 10 export markets are in the Asian region**  
前10大出口市场中有9个在亚洲地区

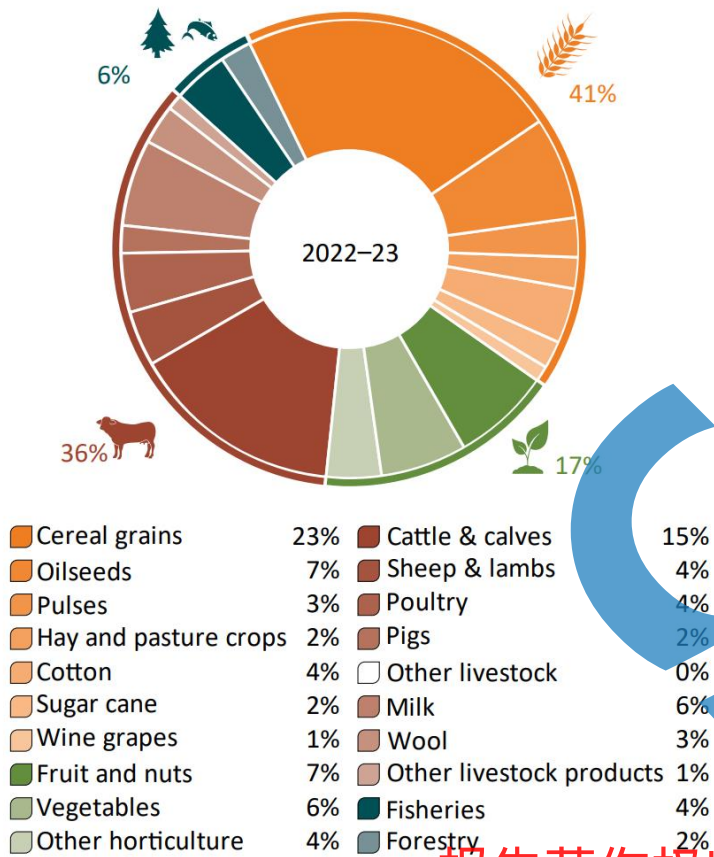


**Support to agricultural producers (PSE) is among the lowest in the OECD**  
澳大利亚对农业生产者（PSE）的支持是经合组织国家中最低的

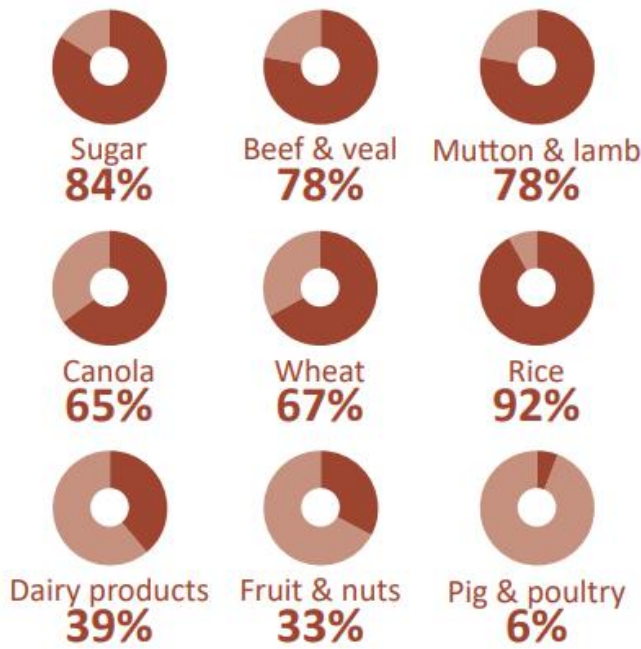
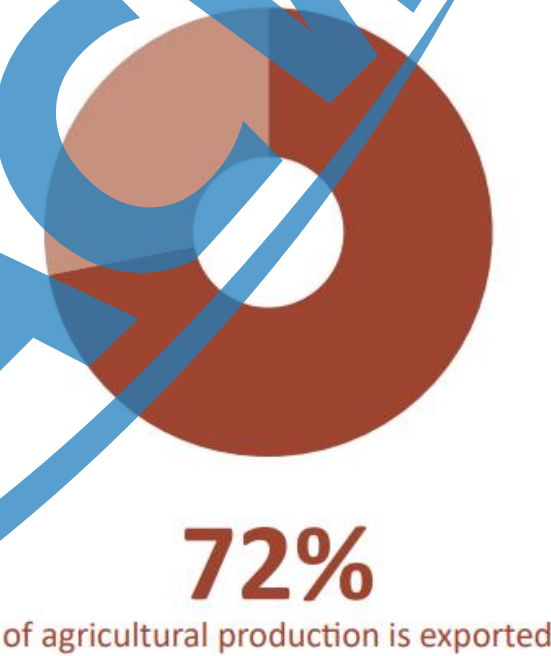
# A Leading Agricultural Exporter

## 重要的农产品出口国

Total Agriculture Production  
农林牧渔总产量



Agricultural Products Exports  
农产品出口



Source: ABARES



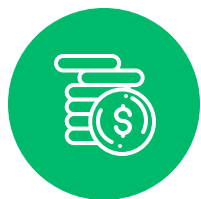
2024  
02.

# Sustainable Agricultural production and processing

可持续农业生产加工



## Thriving R&D ecosystem 蓬勃发展的研发生态系统



2022-23 total  
agricultural R&D  
funding was \$2.32  
billion  
2022-23年农业研发  
资金总额为 23.2 亿美  
元



High levels of  
investment in  
agricultural R&D  
在农业领域的科研  
高投入



World-leading  
academic research  
世界领先的学科研究



CSIRO: Australia's  
largest patent holder -  
3,600+ patents  
联邦科学  
与工业研究组织：澳大利  
亚最大的专利持有机构，  
超3600个



Vibrant ecosystem: Farmers,  
scaleups, enterprises,  
accelerators, universities,  
research institutes  
充满活力的生态系统：种植者  
、初创企业、规模企业、加速器、大  
学、研究机构



Strong IP  
protection  
有效的知识产权保护





## Extensive government support 政府的广泛支持



**01**

R&D Tax  
Incentive  
研发税收激励

**02**

Accelerating  
Commercialisation grant  
加速商业化补贴

**03**

Australian Research  
Council's Linking  
Projects scheme  
澳大利亚研究委员会产学联  
系项目计划

**04**

Cooperative Research  
Centre program  
合作研发中心项目

**05**

Food Innovation  
Australia Ltd  
澳大利亚食品创新有限公司

**06**

Rural R&D  
Corporations  
农村研发公司



Why Australia for agricultural technology

# Adaptable and resilient to variable climates 适应多变的气候



Innovators in technologies that address drought and manage water resources.

解决干旱和管理水资源的技术创新者。

## Examples 范例:



Cotton varieties with the highest yields in the world  
世界上产量最高的棉花品种



Water conservation technology  
节水技术



Water filter made from graphene  
由石墨烯制成的滤水器







Why Australia for agricultural technology

## Experts at agricultural management 农业管理专家

**Australian agtech disrupting the global food supply chain:**  
澳大利亚农业科技对全球食品供应链的颠覆性影响：

✓ A wholegrain that can combat cardio disease & Type 2 diabetes  
一种可以对抗心脏病和2型糖尿病的谷物

✓ Biological soil & plant nutrition products  
生物土壤和植物营养产品

✓ Nanosatellites that track agricultural assets  
跟踪农业资产的纳米卫星

✓ World's first plant-based source of omega-3 acids  
世界首创 植物源Omega-3 酸

✓ IoT-based crop management system  
物联网的作物管理系统



**Agricultural sector 农业部门:**  
2% productivity growth every year over the last 10 years  
过去10多年 每年产量增长达2%



# Australia's ambition

## 澳大利亚的零碳壮志

The Australian Government has a whole-of-economy plan to achieve net zero emissions by 2050.  
澳大利亚政府制定了到 2050 年实现净零排放的整体经济计划。



Emissions reduction target of **43%** below 2005 levels **by 2030** and **net zero by 2050**

2030年将其碳排放量比2005年的水平减少43%



Australia's 2030 goal and net zero by 2050 targets are **legislated** and require **annual climate change statements**.

澳大利亚的2030年目标和2050年净零排放目标已通过立法，并要求每年发布气候变化声明



Australia has set a target of **82% renewable energy in our grid by 2030**. Public and private investment are expanding to support the target.

澳大利亚设定了到2030年电网中可再生能源占比达到82%的目标。公共和私人投资正在扩大，以支持这一目标。



Australia will support new clean energy industries and develop **six sectoral decarbonisation plans**.

澳大利亚将支持新的清洁能源产业，并制定六部门脱碳计划。

Source: The Australian Department of Climate Change, Energy, the Environment and Water (DCCEEW) [Australia's Path to Net Zero](#).

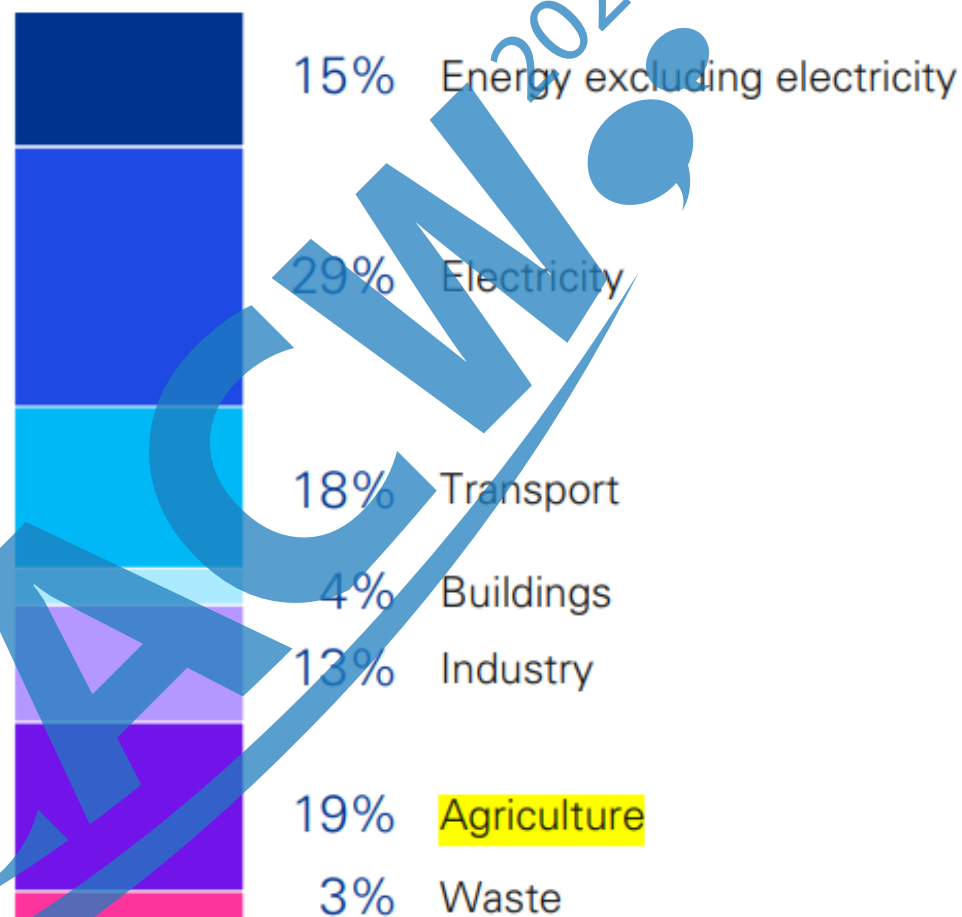
# Agriculture

2nd major contributor to Green House Gas emissions (GHG)

农业是温室气体排放（GHG）的第二大来源

Livestock sector is the largest emitter of GHG.  
其中畜牧业是农业中温室气体排放最大的部分

GHG emissions split by sector (2022)\*



Source: Calculated by KPMG International using data from EDGAR, [https://edgar.jrc.ec.europa.eu/report\\_2023](https://edgar.jrc.ec.europa.eu/report_2023)



# AUSTRALIA

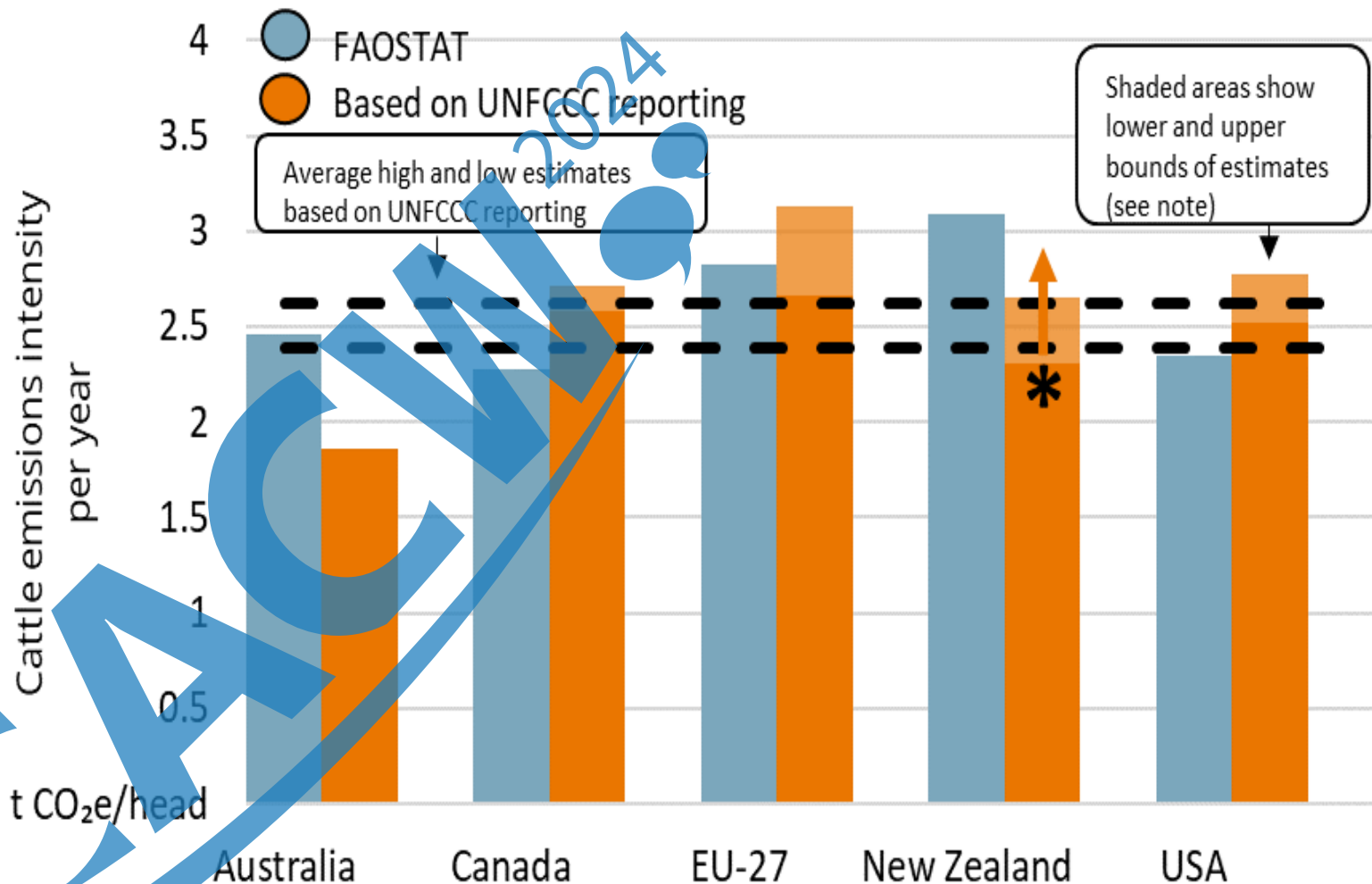
## 澳大利亚

-A world leader in reducing agricultural emissions

减少农业排放的全球领导者

-Enviably sustainable credentials when compared Internationally

国际舞台上骄人的可持续优异表现



养牛碳排放强度 对比（年）

## Australia & China collaboration

### Improving environmental credential & partnering to achieve Net Zero emissions

## 中澳合作- 提高环保信誉, 实现净零排放



Low and Zero  
emissions  
fertilisers

低排和零排放化肥



Animal Feeds  
reducing  
methane  
emission

减排动物饲料



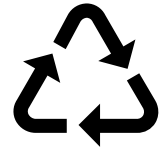
low and zero  
emissions farm  
equipment

低排或零排农机



Cultivated  
Meats and  
Alternative  
Proteins

细胞培养肉和替  
代蛋白



reducing food  
waste

减少食物浪费



# AUSTRALIA 's PRESENCE AT CAC 2024

## 澳大利亚国家展团亮相CAC - 8.1馆 81F39



Grochem Australia



Global Nature (Aus) Pty Ltd



Natrasol



Spraygro Liquid Fertilizers



Tasmanian Seaweed Fertilisers



VRM BioLogik



澳大利亚农化行业  
产品推介会  
3月13日 14:00  
M804 会议室

报告著作权归原作者，仅供论坛名称 参会代表查阅



获取更多有关澳大利亚的行业信息

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感谢聆听！  
THANKS!

