



Sector 11 – The Red Meat Industry

Overview

The Australian Red Meat industry makes a substantial contribution to the national economy each year. In a 2012 assessment, the Red Meat industry accounted for over \$16.2 billion in gross domestic production.

Sector Information

Australia is among the world's largest and most successful and efficient producers of commercial livestock and a leader in the export of red meat and livestock. Australian beef and live cattle exports make a significant contribution to global red meat supply and the Australian economy by being the world's second largest exporter of beef by volume. In 2013-14, Australia produced approximately 2.5 million tonnes cwt of beef and veal. The beef and veal exports of these years were valued at more than A\$4.8 billion. The US, Japan, South Korea, China, Taiwan, Indonesia and the EU were the main export destinations for beef and veal, with Indonesia, the Middle East, China and Russia the main buyers of breeder slaughter cattle.

Approximately 350,000 people are involved either directly in the supply chain or in businesses that service the industry. Consumers spend an estimated \$6.7 billion on beef and nearly \$2.5 billion on sheepmeat annually.

*Indicates that potential employment opportunities exist in the sub sector for automotive engineers transitioning

Red Meat Subsectors

The red meat industry is divided into, but not limited to six sub sectors. Several of the sub sectors listed below include jobs with skills sets similar to automotive.

Sec 1	Health
Sec 2	Construction
Sec 3	Manufacturing and Agriculture
Sec 4	Oil, Gas, Energy
Sec 5	Mining and Metals
Sec 6	Defence and Space
Sec 7	Electricity, Gas, Water & Water Services
Sec 8	Education & Training
Sec 9	PowerGen
Sec 10	Rail
Sec 11	Red Meat

High Level Skill Mapping

	Trains and trams	Track	Level crossing infrastructure and bridges	Earthworks	Drainage and environment	Electrical systems	Telecom and data management
Mechanical Engineer	x	x	x	x	x	x	x
Electrical Engineer	x	x	x	x	x	x	x
Software Engineer	x					x	x
Control Systems Engineer	x					x	x
Data Analysis					x	x	x
Problem Solving		x				x	x
Research & Development				x	x	x	x
Design and Development	x	x	x	x	x	x	x
CAD and 3D modelling	x	x	x				
CAE (Simulation and Analysis)	x	x	x				
Product Development	x			x			
Product Engineering	x						
Testing	x	x	x	x	x	x	x
Validation Engineering					x		
Vendor Management							
Quality Engineering	x			x	x	x	
Project Management	x	x	x	x	x	x	x
Technical Sales Engineering	x						x
Maintenance	x	x					x
Business Development	x				x		
Business Management	x				x		x
Strategic Planning	x				x		x
Leading Teams	x	x	x	x	x	x	x

Potential opportunities and synergy

Sub Sector	Potential Opportunity Areas	Job Synergy
Production*	Livestock, People, Property and Finances Management.	Potential opportunities do exist for Automotive engineers with Innovation in Manufacturing backgrounds.
Lot feeding	Managing, Development and Maintenance of Production Vehicles and Machineries.	Subsector finds it difficult to find opportunity areas for Automotive Engineers.
Processing*	Feedlots operation, supervising feeding operations.	Potential opportunities do exist for Automotive engineers with quality control and assurance skills.
Logistics*	Lean Management of Processes, Quality Assurance of the Systems, Quality control, Supervision, On-the-job Training.	Potential opportunities do exist for Automotive engineers with engineering management and system analysis skills.
Packaging*	Transport logistic, preparing and selecting livestock for market, preparing and managing budget, managing feed, pastures, fodder and crops.	Potential opportunities do exist for Automotive Engineers with insight into Packaging Machineries and Equipments..
Halals Meat Export	Managing, Development and Maintenance of Packaging Machineries.	Subsector finds it difficult to find opportunity areas which Automotive Engineers can take a role in.
Trade and Retail	Food Safety Controller, Dietary Requirement Controllers.	Subsector finds it difficult to find opportunity areas which Automotive Engineers can take a role in.
	Human Resource Managers, Traders in Commodity and Product and Price.	