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11th December 2023

The Convenor Agricultural and Land Sectoral Plan Department of Agriculture, Fisheries and Forestry GPO Box 858 Canberra ACT 2601

Via: DAFF website - 'Have your Say'

RE: Agriculture and Land Sectoral Plan

1.0 About GTA

Grain Trade Australia (GTA) is the focal point for the commercial grains industry within Australia. It facilitates trade and works to provide an efficient, equitable and open trading environment by providing leadership, advocacy, and commercial services to the Australian grain value chain.

GTA members are drawn from all sectors of the grain value chain from production to domestic processor and exporters. GTA members are involved in grain trading activities, grain storage, grain for human consumption and stock feed milling. A list of GTA member is attached as an addendum to this submission.

GTA supports the Australian Government decision to sign up to the Paris Agreement and commit to ambitious emission reductions goals and welcomes the opportunity to make this submission to the Department of Agriculture, Fisheries and Forestry (DAFF) to assist in the understanding of what is possible for the agriculture and land sectors in terms of emissions reductions and what technologies and practices we need to invest in to help the sector to transition.

2.0 Introduction

The Australian grain industry¹ is a major economic contributor in regional Australia and to export revenue, with annual value of production in 2022/23 forecast (excluding rice) to be a record \$30.7 billion at the farm gate and \$28.3 billion of exports², meaning the grain industry is the highest value industry in the agriculture sector, contributing more than 33% of Australia's agricultural gross value of production annually.

The industry achieved record summer and winter production in 2022/23 of 71.7 million tonnes (mmt) following two prior large crops with 68.0 mmt in 2021/22, and 59.9 mmt in 2020/21.

Trade and an efficient supply chain is vital for the Australian grain industry and regional communities, with the Australian grain industry being highly export oriented e.g., 65 -75% of grain is exported.

Sustainability is a crucial and rapidly developing area. GTA **recognises the importance of sustainability** for industry and GTA members, and we note that numerous companies and sectors within the grain value chain are active in responding to customer, corporate and government expectations, and requirements.

¹ Grains include wheat, coarse grains, oilseeds, oilseed meals and pulses

² Source: ABARES, 2023

3.0 ESG & Global Food Security

GTA's role is to support and facilitate trade within the Australian grain supply chain. A challenge and an opportunity for GTA and the grain industry is to drive efficiency **and sustainability** in the grain value chain.

A critical element to be considered by Government in its planning process is the importance and political sensitivity of **global food security**. The DAFF Discussion Paper (in section 1.4) comments on climate change and how it will intensify and the consequential impacts on populations and food supply will vary, creating more challenges in areas of adequate nutrition and food security. This means trade in food will become increasingly important, and possibly more politically sensitive, for ensuring regional and global food security.

GTA has developed an ESG strategy recognising not only the importance of environmental sustainability issues, but also the fundamental point that the efficient trade of grade is an essential component to ensuring adequate nutrition and global food security. This includes a strong focus on understanding and reducing carbon emissions in the grain supply chain balanced and consideration of comparative advantage of Australian agriculture and the world's demand for food security.

GTA has developed a communication tool to illustrate and highlight the existing ESG Credentials of the Australian Grain Supply Chain (refer attachment), in areas including:

- Food safety
- Traceability
- Sustainability
- · People and Safety
- Nutrition
- Integrity & Governance

This notes regulations, processes, and practices in place to support ESG objectives.

In the DAFF discussion paper it is noted that Australian grain producers already operate with a relatively low-emissions intensity compared to other major agricultural export countries. Whilst it is hoped this can be further improved, Government planning should acknowledge that as a major low emission exporter of food and fibre Australian agriculture should be well placed to displace higher emission intensive production in other countries.

The process the Australian Government and other Countries are undertaking is critical and will require an aligned and balanced approach to ensure the goals are met without placing further risk and stress on global food security. The commercial trade of grain across the supply chain consists of multiple parties and complex global financial and information flows and interactions. Poor, albeit well-intended, environmental and sustainability regulation can create unnecessary costs to business and consumers and inhibit trade. It is important this is acknowledged and understood throughout the DAFF planning process.

4.0 Conclusion

GTA and its members support a sustainable Australian grain industry and acknowledge this initiative and the extensive work undertaken thus far by the Australian Government.

The comparative advantage of Australian agriculture in terms of ESG, including GHG emissions, positions the Australian grain industry to focus on the importance of the trade of grain as a critical component to regional and global food security.

We thank you for the opportunity to make this submission. We request that you keep us updated on developments and progress in this important review.

Please do not hesitate to contact GTA should you have any queries or should we be able to be of assistance.

Yours sincerely,

Pat O'Shannassy CEO, Grain Trade Australia

Attached:

- a) List of GTA Membersb) Australin Grain Industry ESG Credentials



Membership List as of 21 November 2023

Website /Phone Organisation Contact **Ordinary Member (Trading)** Level A1 (over 7 Million Tonnes) CBH Grain Ptv Ltd Mr Jason Craig cbh.com.au Graincorp Operations Ltd Mr Robert Spurway graincorp.com.au Viterra Australia Pty Ltd Mr Philip Hughes glencoreagriculture.com.au Level A2 (5 - 7 Million Tonnes) 0 Level A3 (3 - 5 Million Tonnes) Cargill Australia Limited Mr Zsolt Kocza cargill.com.au Level A4 (1.5 - 3 Million Tonnes) ADM Trading Australia Pty Ltd Mr Darryl Borlase adm.com Arrow Commodities Pty Ltd Mr Dominic Vanzella arrowcom.com.au Australian Grain Export Pty Ltd Mr Tim Martin australiangrainexport.com.au Bunge Agribusiness Australia Pty Ltd bunge.com/agribusiness Mr Stephen Bennett Louis Dreyfus Emerald Australia Pty Ltd Mr David Johnson emeraldgrain.com Level B1 (1.0 - 1.5 Million Tonnes) CHS Broadbent Pty Ltd Mr Steve Broadbent broadbentgrain.com.au ETG Commodities Pty Ltd Mr Peter McMeekin peter.mcmeekin@etgworld.com George Weston Foods Limited Mr Michael Schmidt gwf.com.au Manildra Group Mr Peter Sloan manildra.com.au Riordan Grain Services Mr Mark Lewis riordangrains.com.au Level B2 (500,000 - 1 Million Tonnes) Mr Jeff Voigt Centre State Exports Pty Ltd centrestateexports.com.au Inghams Enterprises Pty Ltd Mr Matt Clarke inghams.com.au J K International Ptv Ltd Mr Sandeep Mohan iki.com.au Ridley Agriproducts Pty Ltd Mr Michael Reeves agriproducts.com.au Riverina (Australia) Pty Ltd Mr Gareth Stapleton riverina.com.au Wilmar Gavilon Pty Ltd Mr Matt Albion 07 3713 8700 Level B3 (250,000 - 500,000 Tonnes) Mr Brett Duczmal Allied Pinnacle Ptv Ltd alliedpinnacle.com Boolah Farms Pty Ltd Mr Stuart Tighe 02 6754 0343 Brahman Commodities Pty Ltd Mr Michael Aikman brahmancommodities.com.au Cofco International Ms Sara Pan cofcoagri.com.au Mr David Oates/Barry Mansfield Demeter Grains 08 9410 5818 K M & W M Kelly & Sons Mr Matt Kelly kellygrains.com.au Mr Gary Robinson Robinson Grain Trading Co Pty Ltd robinsongrain.com.au Quadra Commodities Pty Ltd Mr Robin Cassar quadra.com Level C1 (over 10 employees, under 250,000 Tonnes) Mr Ian Mack Adams Australia Ptv Ltd adamsaustralia.com.au Agracom Pty Ltd Mr Joe Hallman agracom.com.au Agrisk Management Pty Ltd Mr Brett Stevenson 02 9499 4199 AGT Foods Australia Mr Michael Brittain agtfoods.com/australia Associated Grain t/a Agrocorp Processing Australia Mr Bhuvan Gandhi 07 4662 1999 Australian Food and Fibre Mr Peter Webb australianfoodandfibre.com.au Australian Fresh Milk Holdings (AFMH) Ms Jill Smith 02 6344 8462 BFB Ptv Ltd Mr Shane Bird bfb.com.au Blairs Produce Company Mr Sean Blair 02 6025 4600 Castlegate James Australasia Pty Ltd Mr Ross Giovanetti castlegatejames.com.au Ms Krissy Campbell Coprice coprice.com.au Darwalla Milling Co Pty Ltd Mr Gary Heidenreich 07 3822 0527 Deckert Group Pty Ltd Mr Chris Deckert deckerts.com.au Mr Rajeev Saraff DDT Holdings Pty Ltd ddtholdings.com.au Esperance Quality Grains Mr Neil Wandel members.westnet.com.au/eqg Fletcher International Exports Pty Ltd Mr Joe Masters fletchint.com.au

fodderlink.com.au

hazeldenes.com.au

hanlonenterprises.com.au

Mr Cameron Angel

Mr Chris Coates

Mr Marcus Dingle

Fodder Link Pty Ltd

Hanlon Enterprises Grain

Hazeldenes Chicken Farm Pty Ltd

Independent Grain Handlers Pty Ltd Mr Brad Bryant igh.net.au Irwin Stockfeeds Mr Bryan Irwin irwinstockfeeds.com.au Itochu Australia Ltd Mr Ayush Rajvanshi itochu.com.au Inari Australia Pty Ltd Mr Karan Singh inariaustralia.com.au Rex James Stockfeed Pty Ltd Ms Natasha Davies/Samuel James jamesstockfeed.com.au Jerilderie Grain Storage & Handling Mr David Barlow 03 5886 0344 Laucke Flour Mills P/L Mr Roger Laubsch laucke.com.au Lawson Grains Pty Ltd Mr Angus Blair lawsongrains.com LINX Cargo Care Mr David Simpson linxee com au LPC Trading Pty Ltd Mr Simon Langfield 02 6383 7222 Malteurop Australia Pty Ltd Mr Trevor Perryman 03 5277 1950 MC Croker Pty Limited Mr Greg Carroll crokergrain.com.au MSM Milling Pty Ltd Mr Peter MacSmith 02 6364 5999 Namoi Cotton Ltd Mr Shane McGregor namoicotton.com.au Newcastle Agri Terminal Mr Earl www.naterminal.com.au Mr John Orr Premium Grain Handlers P/L pgh.com.au Quattro Ports Mr Dave Allen quattroports.com.au Queensland Cotton Corporation Pty Ltd Mr Ashish Govil gcotton.com.au Reid Stockfeeds Pty Ltd Mr Nick Reid reidstockfeeds.com.au Rivalea (Australia) Pty Ltd - Animal Nutrition Mr Andrew Philpotts rivalea com au SunPork Farms Feed Mills Mr Mark Young 08 8532 4434 ThriveAgri Mr Charlie Brown thriveagri.com TSS Grain (Tasmanian Stockfeed Services) Mr Trevor Macleod tasstockfeed.com.au Unigrain Pty Ltd Mr Ervin Leong unigrain.com.au W B Hunter Ptv Ltd Mr Stewart Coombes 03 5821 5744 Wilken Grain Mr Richard Wilken wilkens.com.au Woods Grain Pty Ltd Mr Bruce Woods woodsgroup.com.au XLD Commodities Mr Lachie Stevens xldgrain.com.au viridisag.com Viridis Ag Mr Chris Reeves

Level C2 (under 10 employees, under 250,000 Tonnes) A T Waterfield & Son Pty Ltd Mr Brad Waterfield 03 5382 3725 A W Vater and Co Mr Kim Vater vater.com.au Advantage Grain Pty Ltd Mr Chris Nikolaou advantagegrain.com.au Access Grain Pty Ltd Mr Wade Humphreys accessgrain.com.au Aditya Birla Global Trading (Australia) Pty Ltd Surva Jain www.abgtrading.com Agmark Commodities Mr Richard Alcorn agmark.com.au Agri Om Australia Pty Ltd Mr Kishore Bulchandani agriom.com.au Agri-Oz Exports Ptv Ltd Mr Francois Darcas 03 9830 7021 Agromin Australia Pty Limited Mr Rajni Patel agromin.com.au Mr Mick Connolly Australian - Asian Agricultural Exports Pty Ltd aaax.ws Australian Choice Exports Pty Ltd Mr James Hunt australianchoiceexports.com.au Mr Matt Bailey sunrice.com.au

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cleargrain.com.au

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02 6772 0000

08 8627 2304

07 4637 6400

farmanco.com.au

qube.com.au/logistics/agri/

hfw.com

holdingredlich.com

Broker

Large

Medium

Fox Commodites Pty Ltd Mr Paul Cochrane foxcommodities.com.au Grain Brokers Australia Mr Jeff Winspear grainbrokers.com.au Horizon Grain Brokers Pty Ltd Mr Ash Munro horizongb.com.au iGrain.com.au Pty ltd Ms Emily Fleming igrain.com.au Rain Argibusiness Mr Ian Grellman rainag.com.au StoneX Financial Pty Ltd Mr Stefan Meyer intlfcstone.comPure Grain Network Pty ltd Mr Stuart Tighe puregrain.com.au Quest Commodities Pty Ltd Ms Jayne Barker questcommodities.com.au

Teague Australia Pty Ltd

Small

McDonald Pelz Australia Mr Peter Geary mcdonaldpelz.com

Mr Tim Teague

Sole Operator

A C Grain Mr Adam Clarke 0400 065 763 Allied Grain Ptv Ltd Mr Angus Wettenhall alliedgrain.com.au Cogeser (Australia) Pty Ltd Mr Robert Luetolf cogeser.com.au Farm Tender Mr Matt Henke farmtender.com.au Lotema Pty Ltd Mr Todd Lees lotema.com.au

Mallon Commodity Brokering Mr Ian Mallon Perkins Commodity Brokers

Mr Craig Perkins 03 9645 6846 Mr Hamish Steele-Park Woodside Commodities Pty Ltd woodcomm.com.au

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Large

Mr Ian Waddell ASX Limited asx.com.au/grainfutures Australian Grain Technologies Pty Ltd Mr Tristan Coram agtbreeding.com.au Barrett Burston Malting Co Pty Ltd Mr Dean Ganino bbmalt.com.au Boortmalt Asia Pacific Pty Ltd Mr Simon Robertson boortmalt.com Mr Samuel Chambers Commonwealth Bank of Australia commbank.com.au Mr Campbell Mason nswports.com.au

Mr Ian Nenke/Kristian Just

NSW Ports

Symbio Laboratories

Medium

AgriDigital Mr Henry McKay agridigital.io Agrifood Technology Pty Ltd Mr Rob Anderson 03 9742 0589 Amspec Australia Pty Ltd Mr Lee Shilvock amspecgroup.com Australian Superintendence Company Mr Andrew Parry 07 3391 8640 Commodity Inspection Services (Australia) Pty Ltd commodityinspection.com.au

Foss Pacific Pty Ltd

Holding Redlich HFW Australia

Mars Petcare t/a Mars Birdcare

Oldendorff Carriers SBA Law

SGS Australia Pty Ltd T-Ports Pty Ltd

Qube Logistics (SB) Pty Ltd (T/A Qube Agri)

Mr James Saunderson Mr Phil Soderberg Mr Geoff Farnsworth Mr Stephen Thompson Ms Debbrah Millard Mr Kurt Sosinki Mr Ben Harper Mr Jeremy Rosenthal

Mr Scot Paterson

Mr Nathan Kent Mr Jeremy Brown

Mr Andrew Woodhouse advance-trading.com.au Advance Trading Australasia Ag Scientia Pty Ltd Mr Lloyd George 03 9598 1980 Agvise (WA) Pty Ltd Mr Shane Sander agvise.com.au Aperture Ag Pty Ltd Mr Alex Campbell 0450 201 103 Basis Commodities Pty Ltd Mr Chris Whitwell basiscommodities.com

BSM Global Pty Ltd Clear Grain Exchange CloudBreak Grain Marketing Pty Ltd

Delta Agribusiness Ptv Ltd EP Integrated Commodities Pty Ltd

Farmanco Marketing Ptv Ltd FarMarCo Australia Pty Ltd Finesse Solutions Pty Limited

Flexi Grain

Futari Holding Pty Ltd

Mr Jason Fleming Mr Nathan Cattle Mr Ed Scamps Mr Michael Parry Ms Tracey Lehmann Mr Donald McTaggart Mr Robert Imray

Mr Malcolm Finlayson 02 9872 9270 Mr Jarrod Tonkin flexigrain.com.au Ms Leah Petrie futari.com.au

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Goldstar Commodities Mr Geoff Webb goldstarcommodities.com.au Graintec Scientific Pty Ltd Mr Lucas Anstiss graintec.com.au Grainx Mr Chris Hood grainx.com.au HarvestCheck Pty Ltd Mr Stephen Schumacher 0418 199535 Hay Plains Grain Storage Pty Ltd Mr Ron Harris 0404 444 600 IKON Commodities Pty Ltd Mr Ole Houe ikoncommodities.com.au Indyn Pty Ltd Mr Rob Martin indyn net Lachstock Consulting Pty Ltd Mr Nick Carracher lachstockconsulting.com.au Longbridge Commodities Pty Ltd longbridge.com Ms Kareen Durr MarketAg Pty Ltd Mr Mark Martin 02 6747 1590 McMullen Consulting Pty Ltd Mr Gerard McMullen 03 8300 0108 Mercari Pty Ltd Mr Daniel Marsh mercari.com.au Mirfak P/L Mr Mark Murphy mirfak.com.au National Grower Register Pty Ltd Ms Debbie Newmarch ngr.com.au Mr Yasuhide Okumura OMIC Australia Pty Ltd omicaustralia.com.au Perten Instruments Australia Pty Ltd Mr Raul Ovelar 02 9870 3400 Planfarm Marketing Pty Ltd Mr Jerome Critch planfarm.com.au Priag Marketing Pty Limited Mr Kevin Schwager praig.com.au Primal Foods Group Mr Peter Longhurst primalfoodsgroup.com Profarmer Australia Pty Ltd Mr James Maxwell australiancropforecasters.com.au Rise Agribusiness Pty Ltd Mr Ian Dalgliesh riseagri.com.au Pinion Advisory Mr Chris Heinjus ruraldirections.com Mr Ashley Denishensky Saputo Dairy Australia Pty Ltd 1800 643 333 SGA Solutions Pty Ltd Mr David Hudson 03 5428 4990 TE Storage & Logistics Pty Ltd Mr Tom Hage 08 8762 2188 tentigers.com.au Ten Tigers Mr Chris Tonkin TT Club Mutual Insurance Mr Rhys Richards ttclub.com Ultimate Global Trading Pth Ltd Mr Andrew Alexopoulos ultimategt.com.au Wattletree Consulting Pty Ltd Mr Jon Bucknall

International Affiliate

CIS - Commodity Inspection Services

Industry Association

Australia Export Grain Innovation Centre Grain Growers Limited Grain Industry Association of WA Grain Producers Australia Ltd NSW Farmers Association Stock Feed Manufacturers' Council of Australia

Merchant Association

Grain Industry Association of SA Grain Industry Association Of Victoria Grain NSW Inc Queensland Agricultural Merchants Inc.

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Life Members

Mr Mervyn May Mr Christopher Kelly Mr Geoff Honey Mr Terry Deacon Ms Courtney Draper Ms Shawna Gawel Mr Peter Nash Mr Colin Bettles Mr Peter Arkle

Mr Duncan Rowland

Mr Paul Schweitzer

Ms Marie Cunningham Mr Colin Peace Ms Joanne Ware Mr John Francis cis-inspections.com

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Awarded July 2015 Awarded July 2016 Awarded August 2019



AUSTRALIA'S GRAIN SUPPLY CHAIN

AND ITS ENVIRONMENTAL, SOCIAL & GOVERNANCE CREDENTIALS

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Australian Grain Industry - Safe, Secure, Reliable, Sustainable

- Australian Pesticide & Veterinary Medicines Authority
 - Growing Australian Grain Stewardship (TGD 11)
 - · National Working Party on Grain Protection
 - Food Standards Australia & New Zealand
 - Government certification and inspection
 - National (Chemical) Residue Survey
 - Australian Grain Code of Practice
 - Export Control Act 2020

Strict regulations and standards to ensure our grain is safe

· 674 Disoute Resolution System & Composition Handling

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• Grain Research & Development Corporations

· Chall Matteral Classification Systems the · Dustralian Grain Code of practice · GTA Grain Trading Standards

· Growing Australian Grain Stewardship (TGD 11)

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FOOD SAFETY

Control Act 2020 · National Residue Survey Grain is assessed

· INDUSTRIA & GOVERNMENT INSPECTION & CERTIFICATION

· Monday of Anstralian Chain Stewardship (LCD 11)

· Inwand Jan Grain Code of practice

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Production Carming Steems or Weres

· Commodity Vendor Declarations

PEOPLE/SAFE

Safety and well-being of our people is paramount.

- GTA Safety Guidelines
- Australian Grain Code of Practice
- · Australian Heavy Vehicle National Law
- GTA Training & Development Programs Australian Grain Transport Code of Practice
- Australian Government Work Health & Safety Act
- Anti-Modern Slavery laws & contract requirements

Environmental, Social & Governance (ESG) Statement

Improving the Australian grain value chain to better connect the world's demand for food and feed with a globally recognised clean and safe food system, for the benefit of all communities that participate in the grain value chain.

The Challenge and Opportunity

The world's dynamic climate, political and population situation places a sharp focus on agriculture and its social licence.

In response, driving efficiency and sustainability in the grain value chain is both an ongoing challenge and opportunity for industry participants.

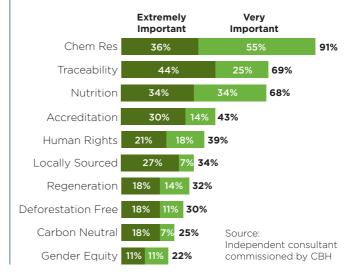
Sustainable grain production has a key role in meeting global feed and food needs with the UN predicting the world's population to reach 9.8 billion by 2050. This will require an increase of 70% in food availability in the countries where it is needed along with new trade frameworks to facilitate supply.

Trade and export markets are critical to the Australian grain value chain as we normally produce an exportable surplus. Our customers increasingly have an expectation that grain is produced in accordance with social, environmental and community concerns and meets importing country regulations and consumer needs and expectations. This trade is mutually beneficial to both Australia and the consumers in the importing countries.

We must continue to deliver a safe premium product that meets domestic and importing country regulations and customer demands. It is important we continue to strive to understand the expectations of our customers and their customers and stakeholders.

After price, Customer Survey analysis indicates grain consumers primary concerns are food safety (chemical residues), traceability, nutrition (quality) and accreditation.

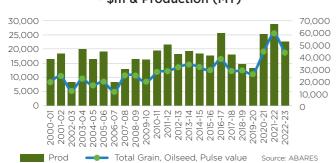
Customer Importance of Sustainability traits



History, Identity & Governance

The Australian grain¹ industry is a significant contributor to the Australian economy and regional communities. The grain industry produces between 35-50 million tonnes of grain per annum from an area of more than 20 million hectares, with an annual gross value of production of around AUD\$9-25 billion². The grain industry is a significant employer, particularly in rural and regional economies.

Australian Grain Industry Value (LHS) - \$m & Production (MT)



Australia's grain value chain actively and collaboratively engages with the Australian Government with a focus on continuing the self-regulatory framework, accredited processes and practices, innovative and efficient technologies and minimal waste. We focus on respecting and protecting the environment and the people we support through trade. This model developed and improved over multiple decades continues to evolve and adapt in response to changing market dynamics, regulatory requirements, and consumer and stakeholder expectations.

¹ Grains includes cereals, coarse grains, pulses, oilseeds and oilseed crush products







Safe Food System

Operating within a self-regulatory framework developed and improved through time and the engagement with all sectors of the supply chain and enhanced through government collaboration and stewardship.

1. Industry Stewardship

GTA managed, industry-driven, self-regulatory framework to facilitate trade including Trading Standards, standard contracts and Trade Rules; Code of Practice and Technical Guidelines, specialist training and development programs and conferences, and events focused on industry culture and cohesiveness.

2. Grain Code of Practice - Overarching

Delivering quality grain and meeting market requirements is complex. Described as the 'glue' that binds the Australian supply chain together the Grain Code of Practice (Code) has been developed to be applicable to all grain and grain products; applies to all stages along the supply chain, and has been designed to promote the use of best management practices by industry participants including:

- Mandatory compliance with all regulations as required by law; and
- Adherence to accepted industry best practice as documented in the Code. (Adherence to the Code is mandatory for all GTA members)

The Code details the quality practices the industry uses to ensure Australian grain meets domestic and/or export end user requirements.

A series of Technical Guideline Documents have been developed to assist Australian industry participants meet the requirements as outlined in the Code.

3. Global Facing Outlook

The Australian grain industry and GTA members recognise the importance of contributing to and embracing a global view to address common grain supply chain issues. This benefits all participants and encourages greater efficiencies across regions seeking harmonised Standards and regulation. An objective is to develop and build capacity across the global food system through involvement and participation in global forums.

4. Science-based support

- focus on quality and commercial success

The Australian grain industry is dynamic and recognised globally as innovative, resilient, and highly efficient. It is supported by a government and industry framework that supports and promotes emerging technologies to discover and deploy new solutions to Australian grain growers allowing a response to changing diets, consumer preferences and community expectations.

Science-based support to the grain industry results from long-term investment and strategic policy directions across government and industry with the objective of having a positive transformative impact on individuals, organisations, and society.

5. Efficient production - leaders in land efficiency

Responsible stewardship is imbedded throughout the grain production value chain. Care for our environment, and protection of Australia's biosecurity underpin industries sustainability.

productivity, profitability, and global reputation.

Grain growers manage about 4% of the Australian landmass with 22,300 grain farms covering and estimated 31 million hectares. Australian grain farmers continue to apply world leading farming practices that result in low emissions intensity grain production. Australia's national science agency, CSIRO found that:

The Australian grain industry produces grain with low emissions intensity (i.e., 315 kg of CO2<e emissions per tonne of production) and accounted for only 1.7% of all Australian emissions.

6. Market, not Subsidy Driven

The Australian supply chain delivers what the market wants free of government subsidies that can dilute market signals and support inefficient production decisions, and production processes. Australian producers and market participants to survive must deliver product to the market and generate profit. This creates a focus on efficiency and costs. Whereas in subsidised agriculture supply chains decision on what crop to produce and the level of inputs utilised including fertiliser and chemicals may be inefficient as they are driven more by the subsidy than the market.

The key drivers of profitability have been defined as:



7. Supply Chain

- Market driven and quality assured

The Australian grain supply chain is predicated on a number of competitive high capacity, efficient and strategic up-country receival sites supported by grain producer farm storages that are linked by efficient transport to 22 export terminals and multiple export container loading facilities.

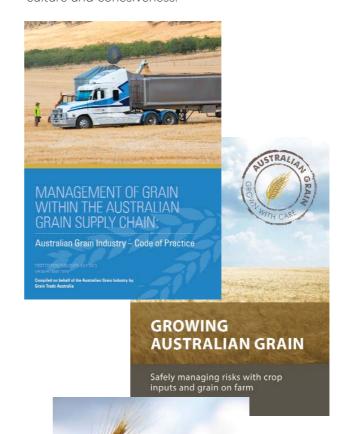
To prove and assure the safety of Australia's grain the Australian Food System has the following key elements:

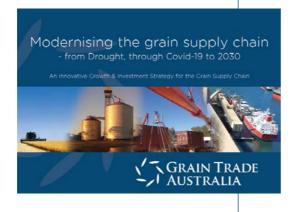
- a. Growing Australian Grain Guide
 - A stewardship guide for Australian farmers
- b. Australian Pesticide & Veterinary Medicines
 Association (APVMA) and the National
 Residue Survey (NRS) are a vital part of the
 Australian system for managing potential
 chemical residues and environmental
 contaminants in Australian animal and plant
 products. The APVMA and NRS supports
 Australia's primary producers and agricultural
 industries by confirming Australia's status as a
 producer of clean food and facilitating access
 to domestic and export markets.
- c. **Standards**, based on the International Standards Organisation (ISO), industry rules and practices underpin the Australian grain supply chain and its framework. Standards apply across the supply chain for both grain quality, storage, handling and transport assets, safety and social responsibility. Grain is sampled and tested to nationally agreed methods as described in the grain Trading Standards developed by Grain Trade Australia. Post-delivery stored grain continues to be assessed and monitored to assure that it will meet domestic and international requirements and regulations.
- d. Employees involved in the grain supply chain are protected by Australian employment and safety laws that ensures employees can work in a safe and secure environment.

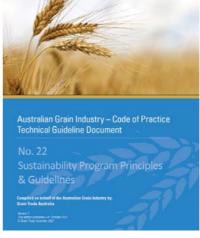
8. Fair Trading Framework - Governed by the Rule of Law

Australian trade is underpinned by the 'rule of law' and all grain sold is covered by Australian federal and state fair trading regulations.

To further support the trade of grain GTA facilitates the industry driven self-regulatory framework that includes Grain Trading Standards, standard contracts and Trade Rules, specialist training and development programs and industry conferences and events focused on industry culture and cohesiveness.







The Links in the Australian Grain Supply Chain

- 1. ESG is a significant focus for Australian Government, investors, business and stakeholder companies operate under policies and legislative commitments directed at elevating each pillar of ESG including climate change, gender equality, indigenous rights, modern slavery and eliminating corruption.
- 2. Grain is grown and produced under the Growing Australian Grain safely managing risks with crop inputs and grain on farm.
- 3. Grain is assessed under national Trading Standards when delivered into a commercial storage for quality and segregation.

- 4. Grain is handled and stored under quality assurance procedures including the GTA Storage Assets and Management Standard.
- Australian grain is traded under commercial contracts supported by Trade Rules and the judiciary framework.
- 6. Export tonnes and freight containers undergo a government certification process.



ENVIRONMENTAL

How the industry acts towards the planet

- Focus on Greenhouse Gas Emissions & Energy efficiency
- Limit Waste & pollution
- Compliance with sustainability initiatives
- Effective chemical use strategy in accordance with label requirements.
- Industry Technical Guidelines including systems-based approach for pest and chemical management.
- Exports inspected and Government Certified to meet importing country requirements including free of live pests and insects.
- All export bulk vessels and containers inspected and certified for food safety prior to loading & packing.

SOCIAL

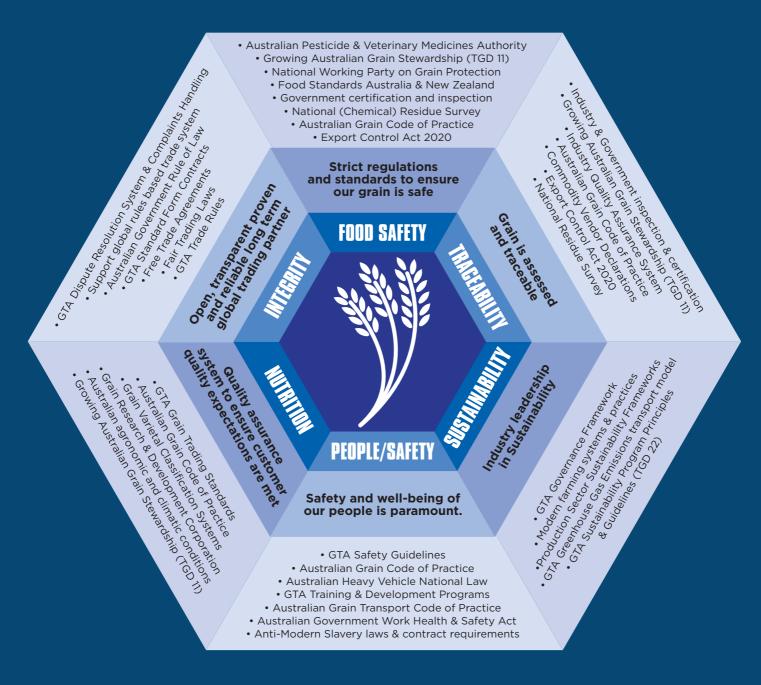
How the industry treats its employees, trade partners, customers, suppliers and local communities

- Global Citizen Focus
- Grain Industry Code of Practice
- Industry culture of quality assurance
- Supply Chain Standards
- Regulated Working conditions
- Supportive of rural communities
- Work Health and safety regulations
- Trade Rules, contracts
- Conflict/Dispute mechanisms
- Health and Safety regulations
- Employee relations and diversity
- Customer satisfaction

GOVERNANCE

How the industry is run, including checks and balances

- Active engagement and working Relationship with government and its regulators
- Industry composition
- Anti-bribery & anti-corruption laws
- Diversity and structure
- Business ethics
- Compliance with global and local regulations
- Anti-modern slavery laws incorporated in industry contracts
- Focus and support for Rules based trade
- Science & risk-based decision making
- Industry stewardship
- Specialist industry driven training and development programs
- Industry driven Dispute Resolution system and Complains Handling process
- TGD for GTA Members Developing business sustainability programs









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