

# Role of agriculture in reducing emissions



National  
Farmers  
Federation



# Our Members



**National  
Farmers  
Federation**

# Our Roadmap for \$100B by 2030



## Customers and the Value Chain

- Agriculture is ranked **Australia's most trusted industry**.
- Australia's **freight cost** per tonne-kilometre is competitive with major agricultural exporting nations.
- An **average tariff** faced by agricultural exports of 5%.
- A 50% reduction in agriculture exports experiencing **non-tariff barriers** each year.



## Growing Sustainably

- The net benefit for **ecosystem services** is equal to 5% of farm revenue.
- Australian agriculture is trending towards **carbon neutrality** by 2030.
- A 20% increase in **water use efficiency** for irrigated agriculture by 2030.
- Maintain Australia's total **farmed area** at 2018 levels.
- Halve **food waste** by 2030.



## Unlocking Innovation

- Australia becomes a Top 20 nation for **innovation efficiency**.
- Every Australian farm has access to infrastructure and skills to connect to the **Internet of Things**.
- Australia's farm energy sources are **50% renewable** by 2030.



## People and Communities

- Double the number of tertiary and vocational **agriculture graduates**.
- Increase the available **work force** by 25%.
- Achieve **gender parity** in the agricultural workforce, and double the number of women in management roles.
- Zero **farm fatalities**.
- Close the **farmer wellbeing** gap.



## Capital and Risk Management

- Year on year increase in **equity investment** in Australian farm businesses.
- 90% of Australia's farmers employing multiple financial tools to **manage risk**.
- 90% of family farms gave documented business plans, including **succession plans**.

**National  
Farmers  
Federation**

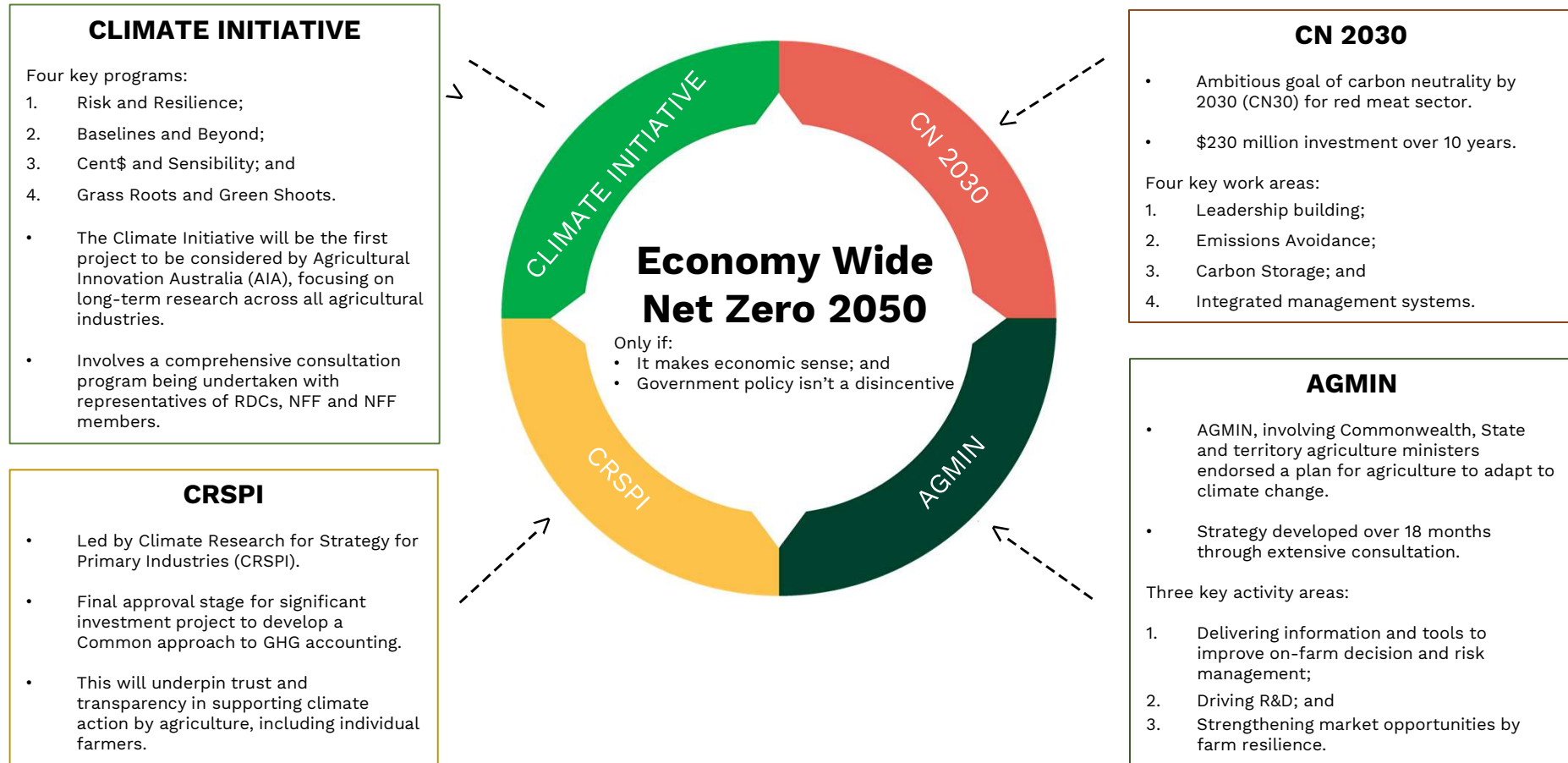
# Growing Sustainably

- A **carrot rather than stick approach** to agriculture and its relationship with promoting biodiversity, through the **Australian Agricultural Sustainability Framework**.
- The **NFF supports a net carbon zero by 2050 target** with important caveats: 1) that there is an economical pathway identified and 2) that farmers are not disadvantaged.
- Farmers want to continue to be a part of a reduced emissions-future, to do that we need robust baseline data and frameworks.



National  
Farmers  
Federation

# Agriculture's Pathway





# International network

- Agriculture acknowledges there are international obligations to reduce greenhouse gas emissions.
- Australian farmers are global leaders in sustainable practice and reducing emissions.
- But Australian farmers can't do it alone.
- Emissions reduction requires a global effort, RD&E and innovation play a big role.
- Australian RD&E has not only supported farmers here, but also developing nations and partners through ACIAR and other organisations.



National  
Farmers  
Federation

# Thank you

Fiona Simson  
President



National  
Farmers  
Federation