



Malabar Farm: Southern Gippsland
640ha, 430 breeding cows, 2200 ewes
+ Agri-tourism



CLIMATE CHANGE & FARMING RISKS AND SOLUTIONS





Feed budgeting-
Match feed grown
with feed
requirements:
Pasture cover targets
Which stock can go?
Flexibility



Time of lambing



The value of water:
keep it on farm and keep soil on farm



Soils health
critical

Networks
for support
Landcare
Producer
demo sites



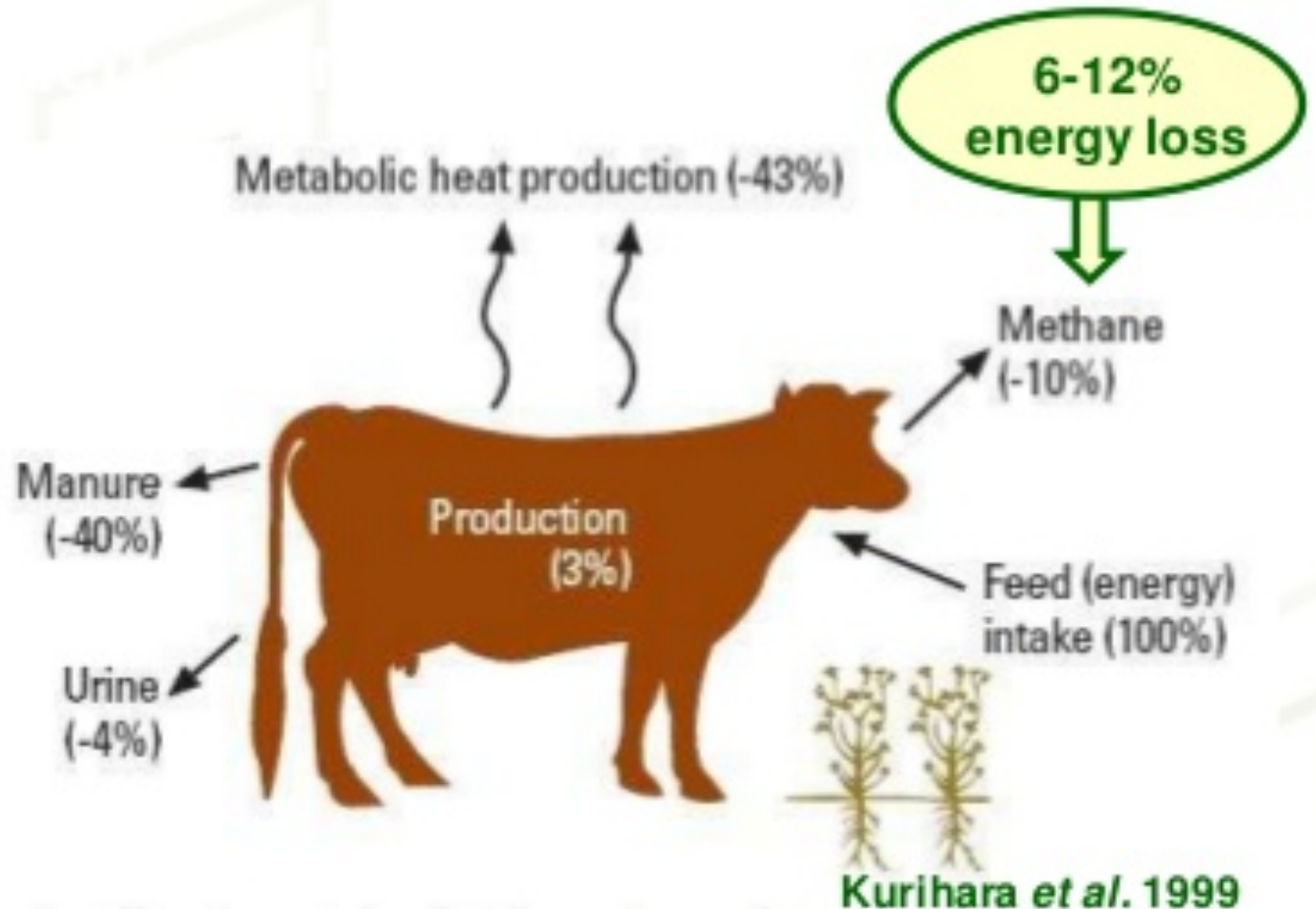


Shade &
Shelter

Methane = lost productivity

MLA Carbon Neutral Program

50-90kg methane/ year
is equivalent to 33-60
grazing days lost a year



Genetics- Feed conversion efficiency- growth rates



Set Breeding Objective

Index: **Carcase Plus** ▼

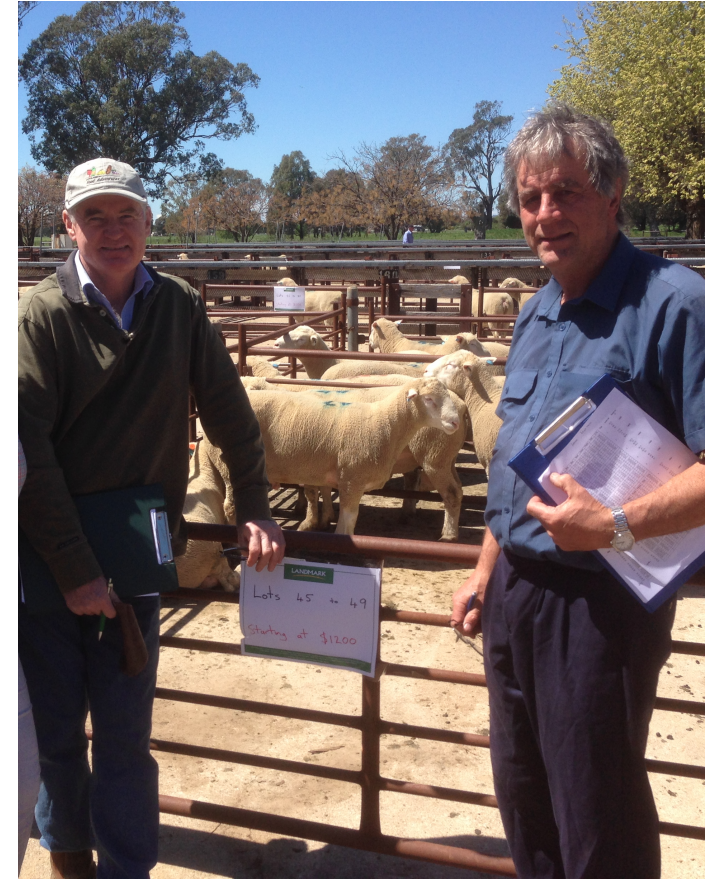
Growth Max Show ▼

Carcase Max Show ▼

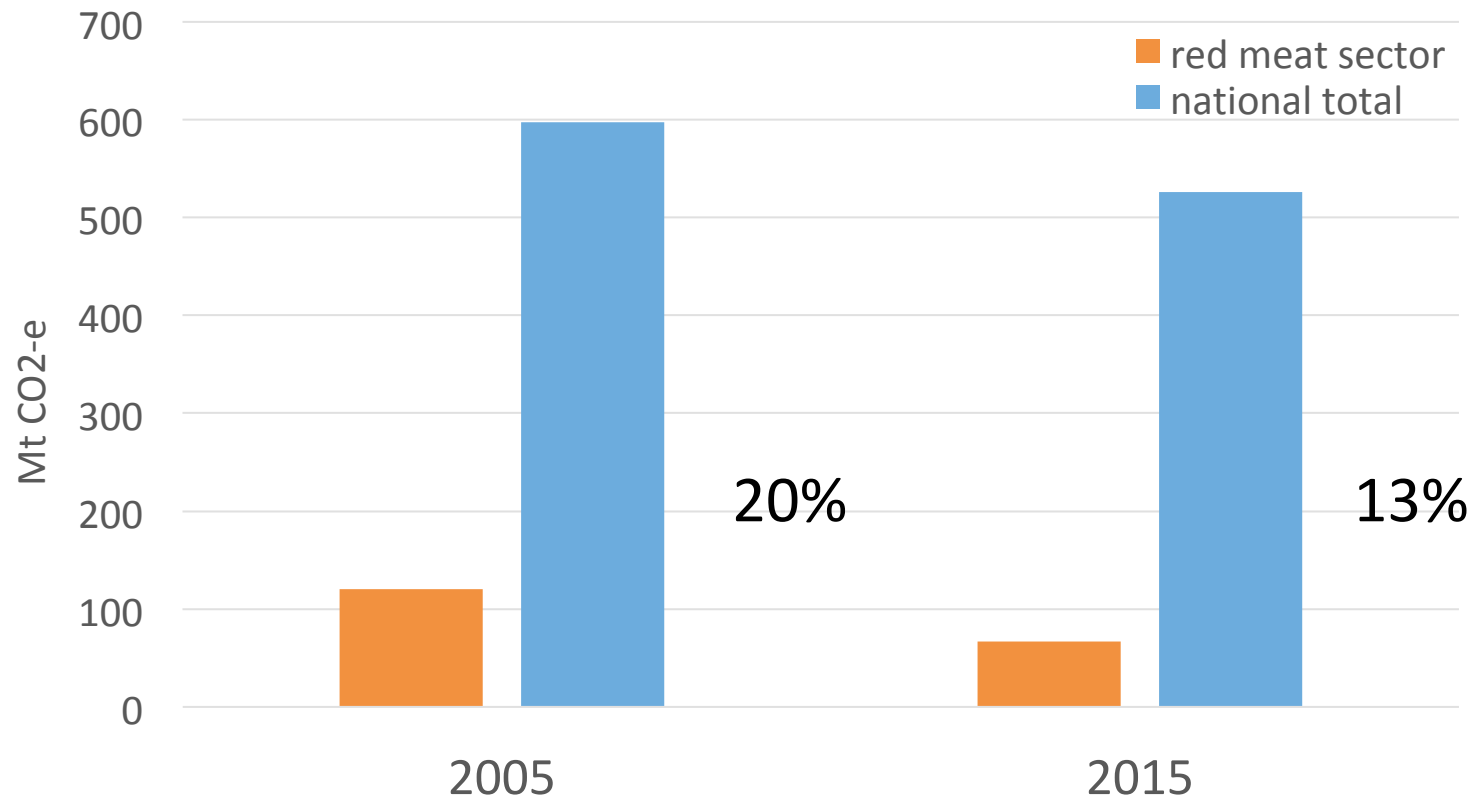
Weaning Percentage Max Show ▼

Parasite Resistance Less worms

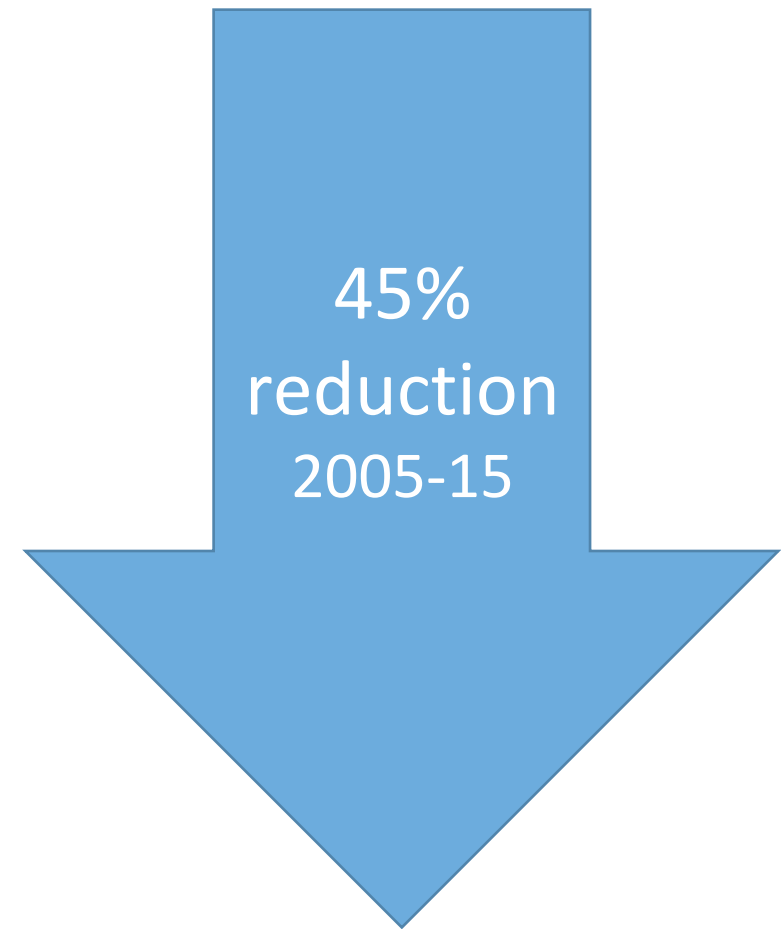
Eating Quality Max Show ▼



REDUCTIONS SINCE BASELINE YEAR



National Inventory Accounts - Mt CO₂-e



Meat Industry Strategic Plan MISP 2020

including outlook to 2030



Incorporating



In association with



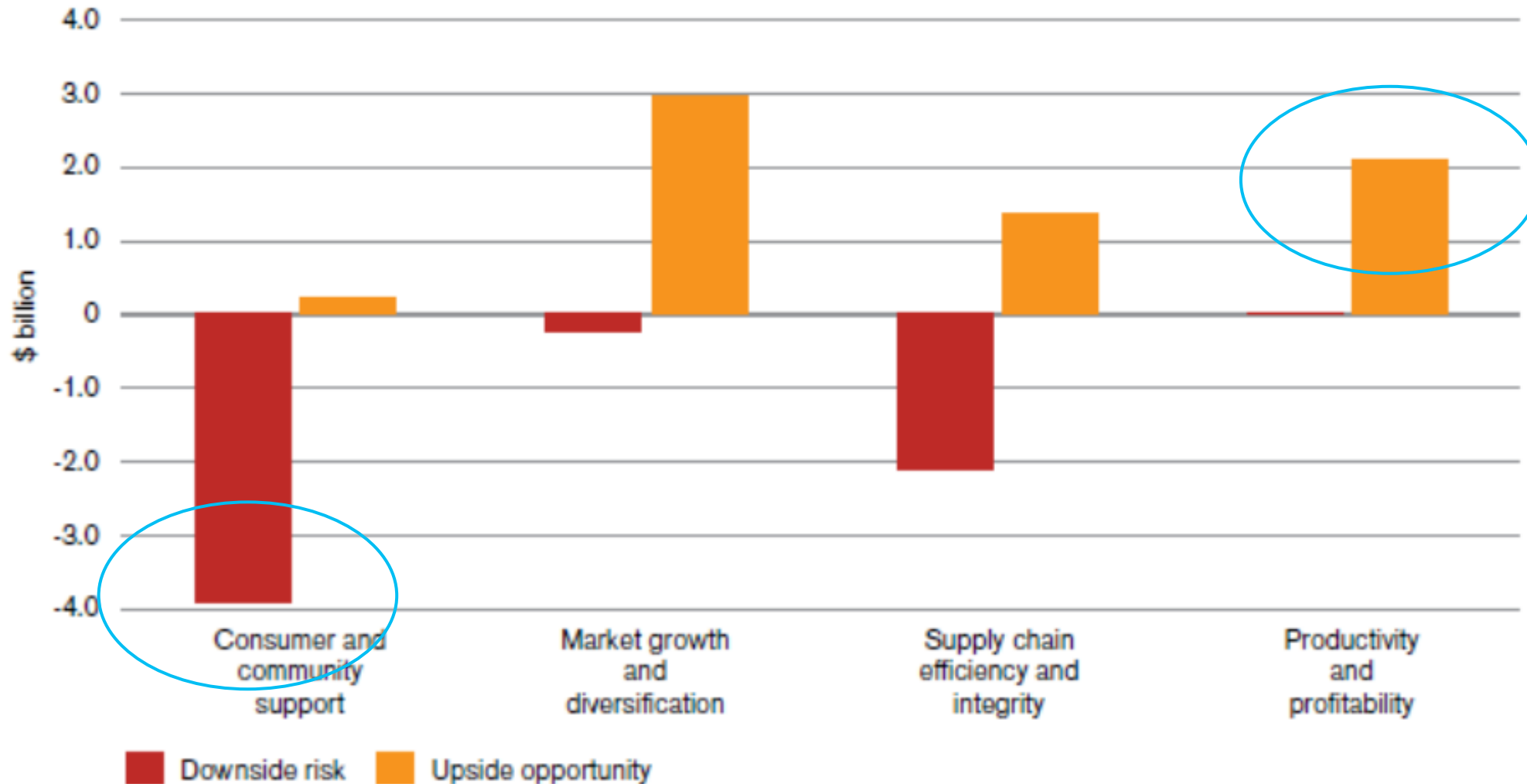
Sheepmeat Industry Strategic Plan 2015-2020



POSITIONING THE AUSTRALIAN SHEEPMEAT INDUSTRY FOR FUTURE SUCCESS

MLA's Strategic Plan 2016-2020

Figure 9. Forecast value of risks and opportunities (by pillar) to 2030*



Toxic fears: Farmers warned not to eat the beef they sell

By [Debbie Cuthbertson](#)

22 June 2018 — 10:45pm



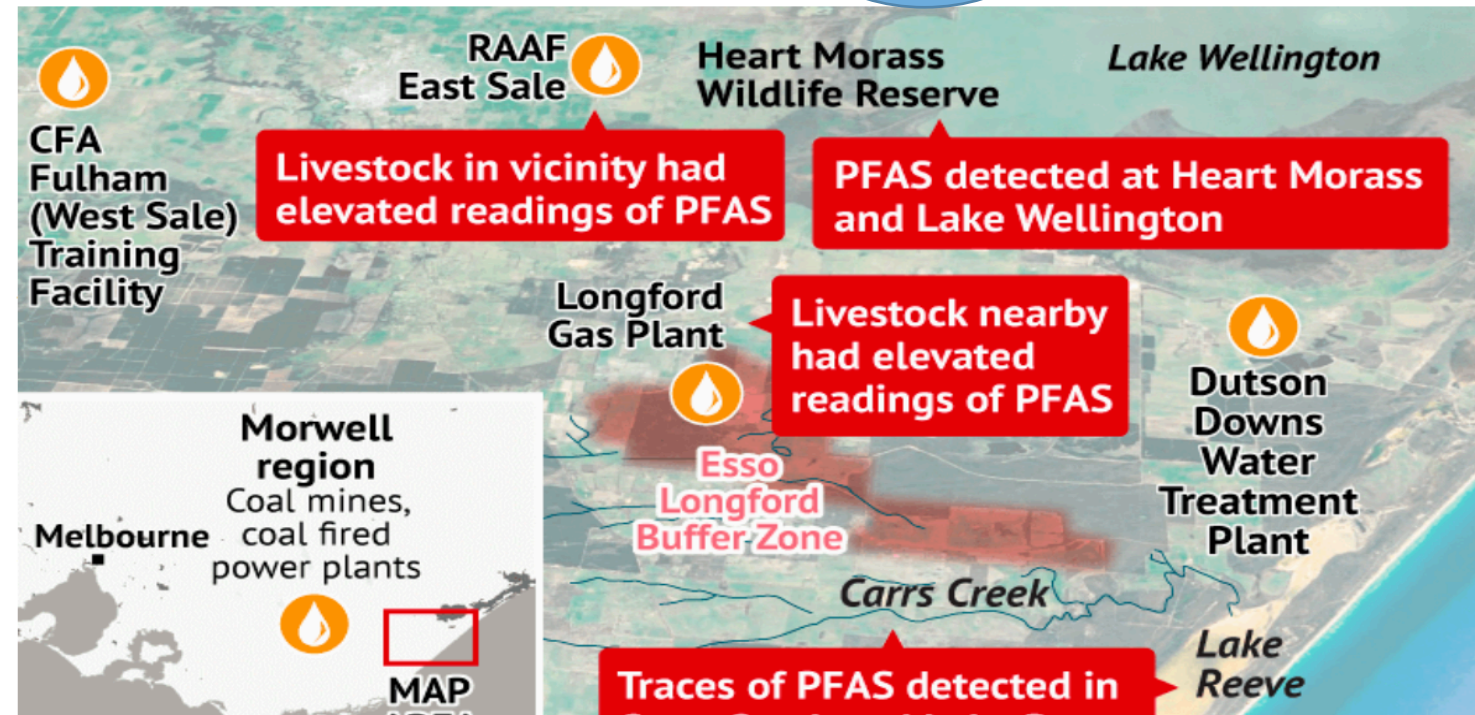
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Farmers near Esso's Longford gas plant and the East Sale RAAF Base in Gippsland have been warned not to eat meat, offal or dairy from their own livestock due to contamination by toxic chemicals but there are no restrictions on them selling such products.

Elevated levels of PFAS — per- and poly-fluoroalkyl substances — commonly used in firefighting foam — have been detected in 45 cattle and 45 sheep on three properties near Esso Longford, Victoria's chief veterinary officer Dr Charles Milne confirmed *The Age*.

THE  AGE





Animal husbandry techniques

Profitability across value chain

Balance of tree and grass cover

Climate change risk

Antimicrobial stewardship

Health and safety of people in the industry

Across
the six key
priority
areas



We feed 10,500 people/ year
Lamb 60 060 Kg lamb. consumption
is 8.2 kg/pp- 7300 people fed
Beef 85 685 kg Beef. Consumption is
26 kg/pp
we feed 3200 people



Without a change in policy the world is on a path for a rise in global temperature of up to 6 degrees C.
International Energy Agency



