The Future is Now Part 2: The Promise of Precision Agriculture

Precision Livestock Farming
Population growth

Source: UN Population Division, from van der Mensbrugghe et al. 2009
AUSTRALIAN LIVESTOCK EXPORT ROAD MAP

PRODUCER
Licensed livestock exporter sources animals from farmers

EXPORTER

TRANSPORT
Animals are quarantined for export in feedlots and inspected for health and welfare

FEEDLOT
Official documentation issued by the Department of Agriculture

OTHER AGRICULTURAL AGENCIES

TRANSPORT

DISCHARGE
Animals unloaded at their destination

AS EL

TRANSPORT

BREEDING FARM
Animals supplied to overseas producers for breeding

TRANSPORT

LOADING
Animals loaded onto ships or aircraft

CONSUMER

PROCESSING
Livestock are processed for consumption

CONSUMER
CLIMATE CHANGE

RAINFOREST DESTRUCTION

CARBON MONOXIDE

PESTICIDES

WILDLIFE KILLING

HABITAT DESTRUCTION

NITROUS OXIDE

SMOG

METHANE

HERBICIDES

Fossil Fuels

WATER DEPLETION

DEFORESTATION
$ 3.0 billion

$ 4.6 billion
National Institute for Animal Agriculture

3rd ANNUAL ANTIBIOTIC SYMPOSIUM

Communicating the Science of Antibiotic Use in Animal Agriculture
On which industry do you think the world's economy pivots most?

- Energy 21.5%
- Telecommunications 21.3%
- Finance and Banking 20.2%
- Agriculture 19.3%
- Military and National Defense 10.2%

Question 1 of 2:
What region do you think has the greatest potential for growth?

- South America
- Europe
- Asia
- Africa

Submit