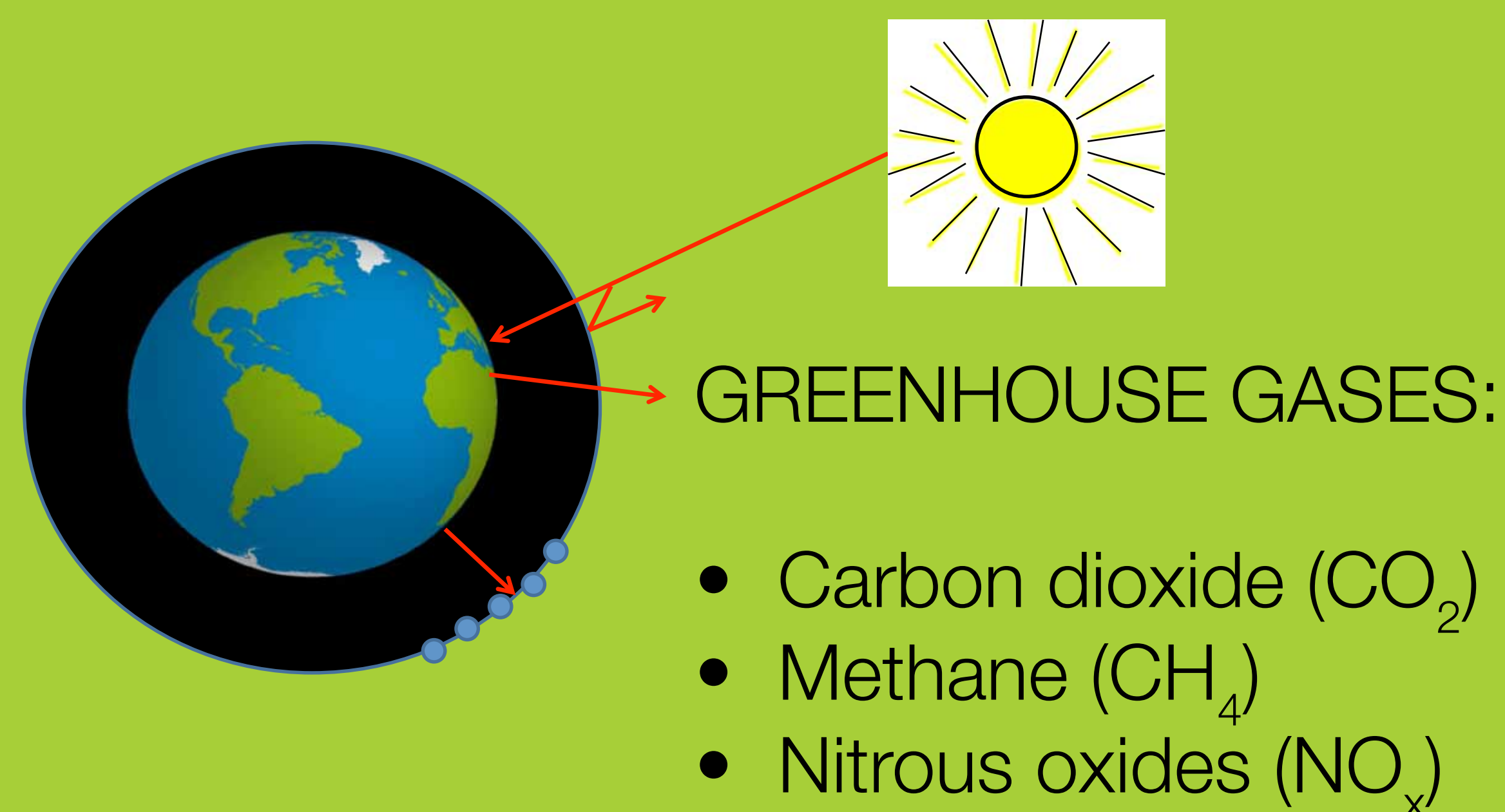


What is causing climate change?



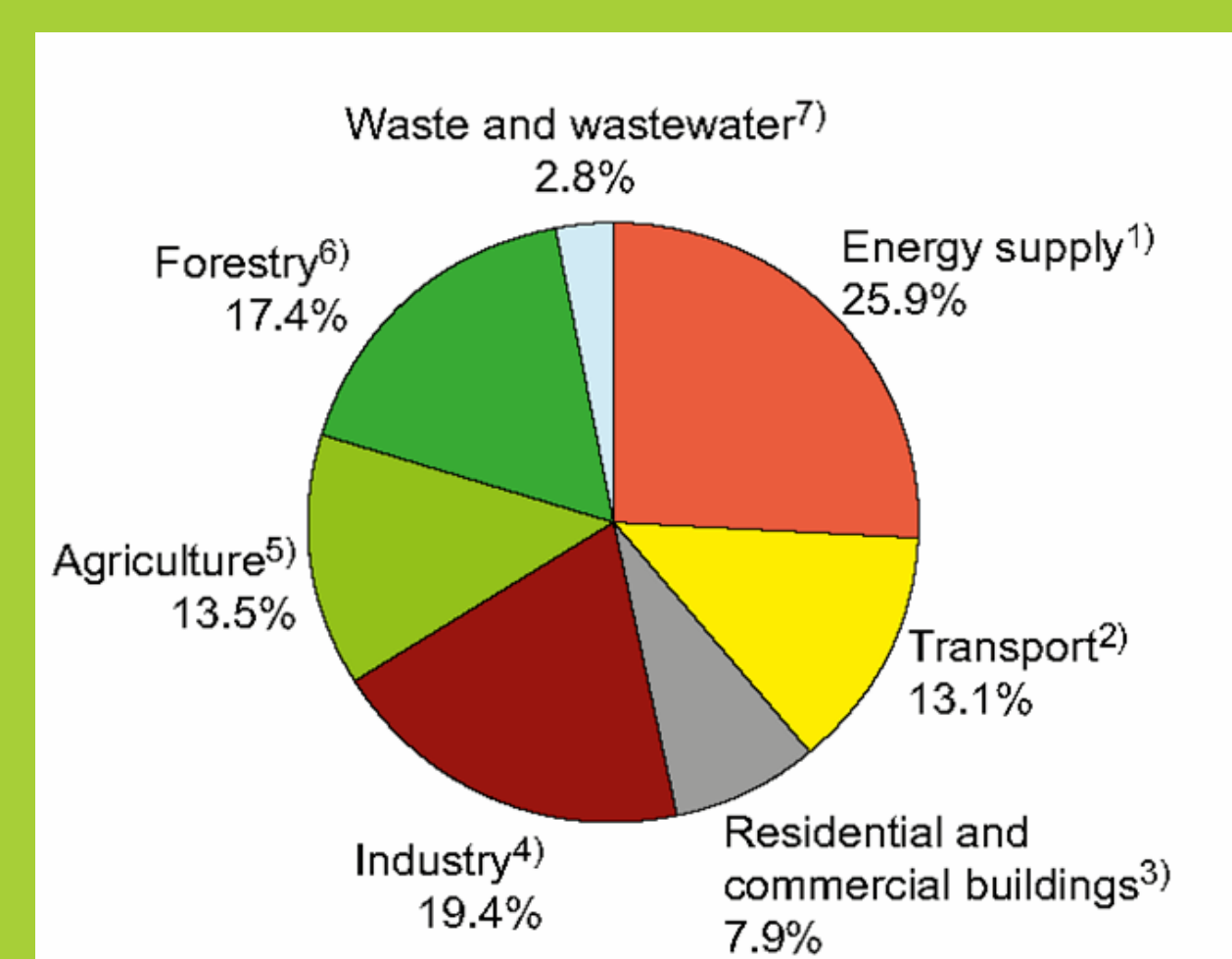
How can climate change impact on agriculture and dairy production?



- Unpredictability of rain
- Droughts/floods
- Higher temperatures
- Decreased productivity and low yields
- Decreased length of growing season
- Animal and plant disease/pests

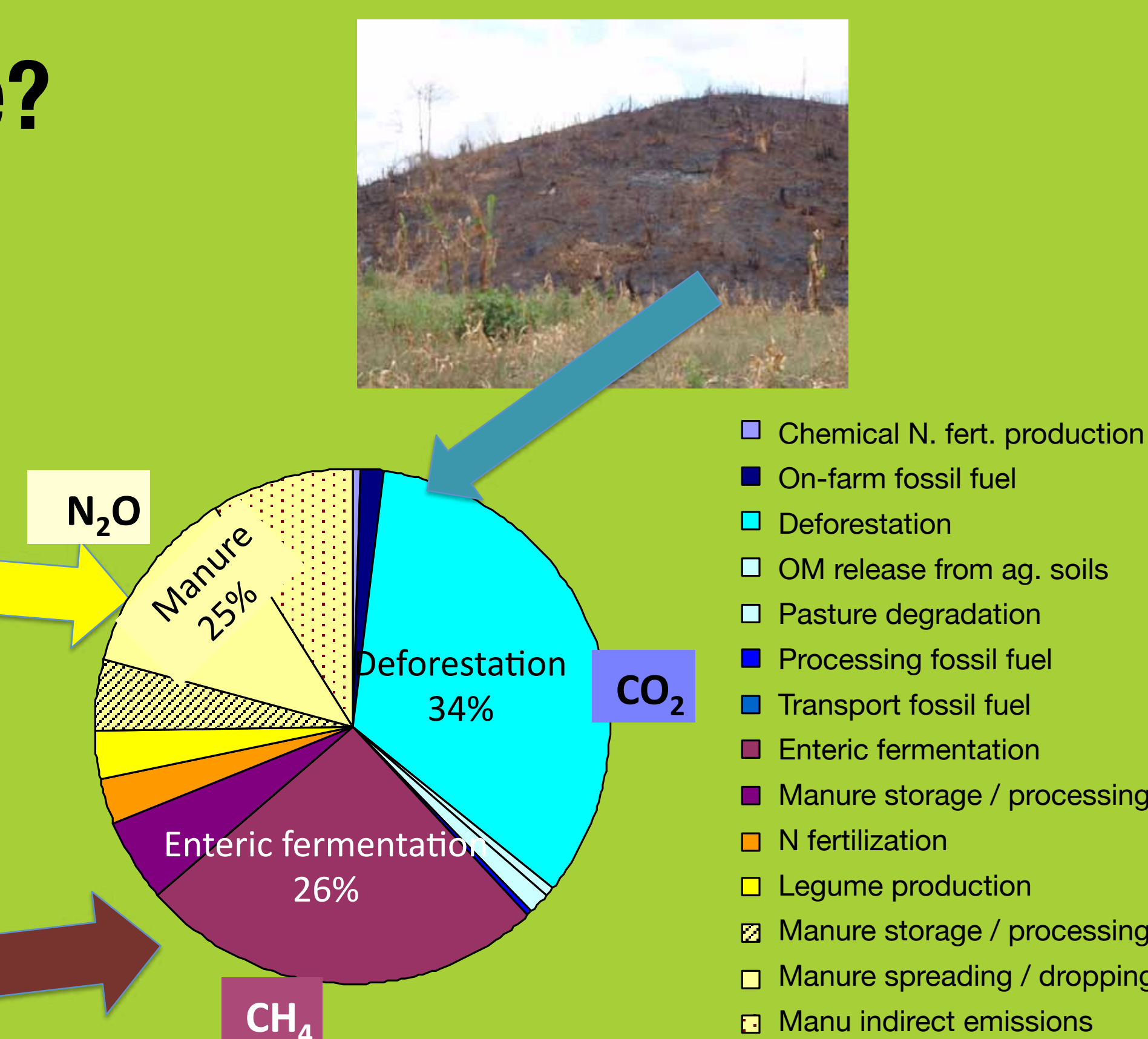
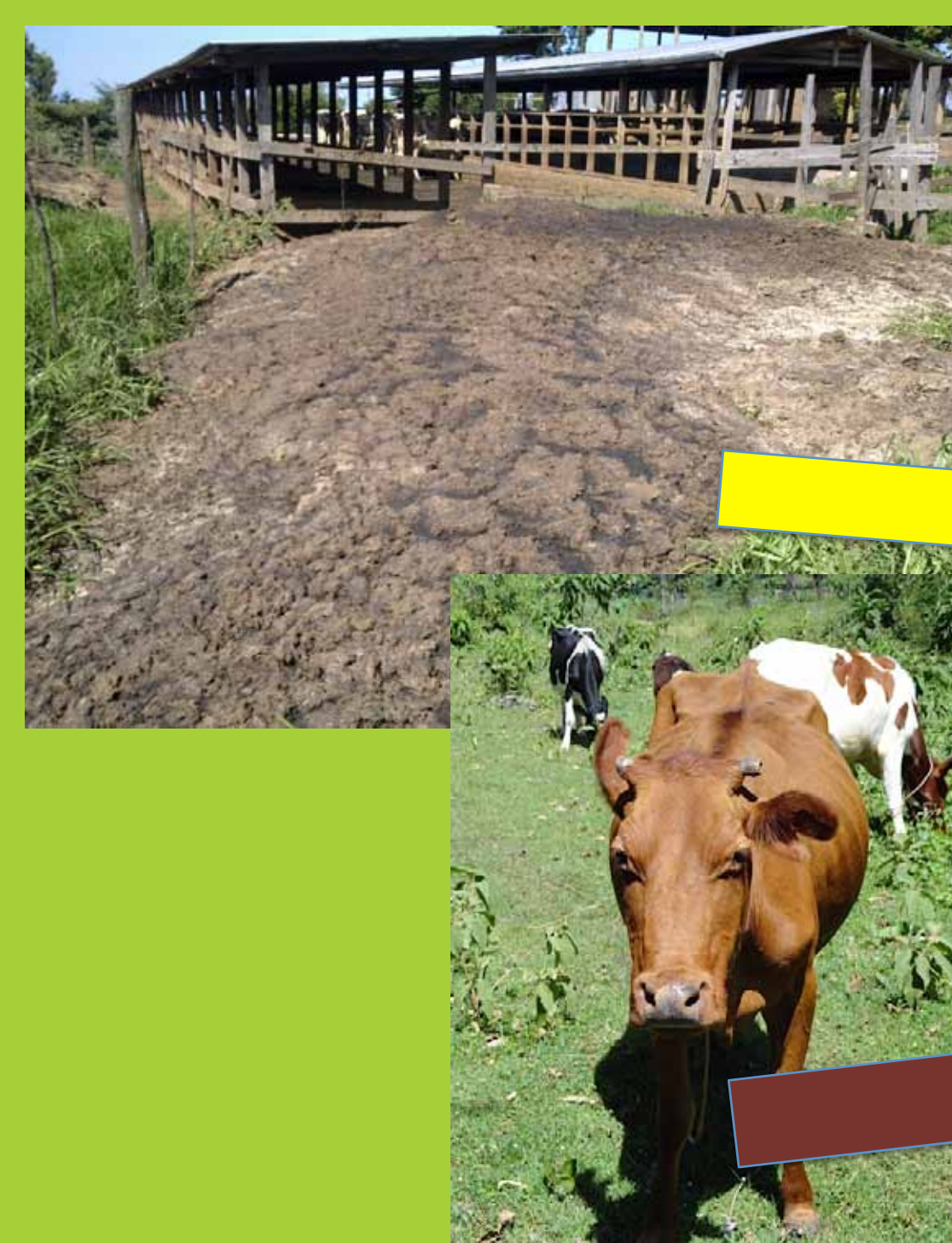


What is the role of agriculture?



However, there are agricultural practices that can reduce the impacts and risks of climate change and increase productivity

Do livestock contribute?



Livestock contribute ~80% of agricultural emissions from:

- Enteric fermentation (burping)
- Manure
- Deforestation

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GHG emissions can be reduced by:

- Keeping a soil cover to reduce erosion
- Accumulating organic matter (carbon) in the soil
- Feeding good quality forage
- Managing manure and nutrients
- Reducing wood and fuel burning
- Planting perennials such as grass and trees



These same practices can:

- Increase water in the soil
- Increase nutrient management
- Increase crop and livestock productivity

