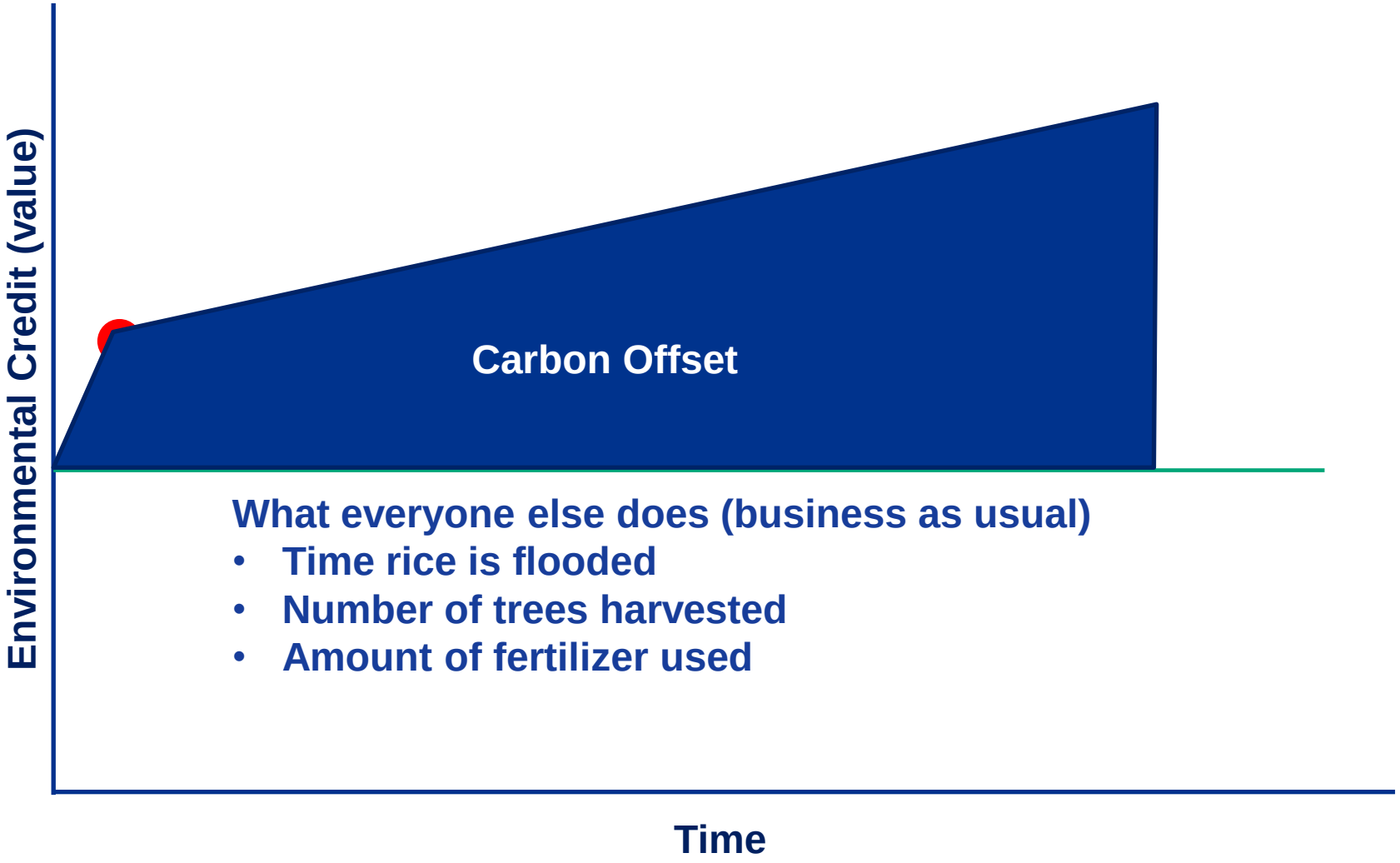
Carbon Markets for Agriculture

CA State Board of Food and Agriculture
July 1, 2014
Robert Parkhurst, EDF

What is a Carbon Offset?



Carbon Market Process

GROWERS

Generate additional revenue from environmental benefits

INFORMATION SERVICES & TECHNOLOGY

Implement tools and services to allow famers to reduce GHGs

PROJECT DEVELOPERS

Engage farmers via education and data collection

CA REGULATED COMPANIES

Purchase GHG reductions from Project Developers

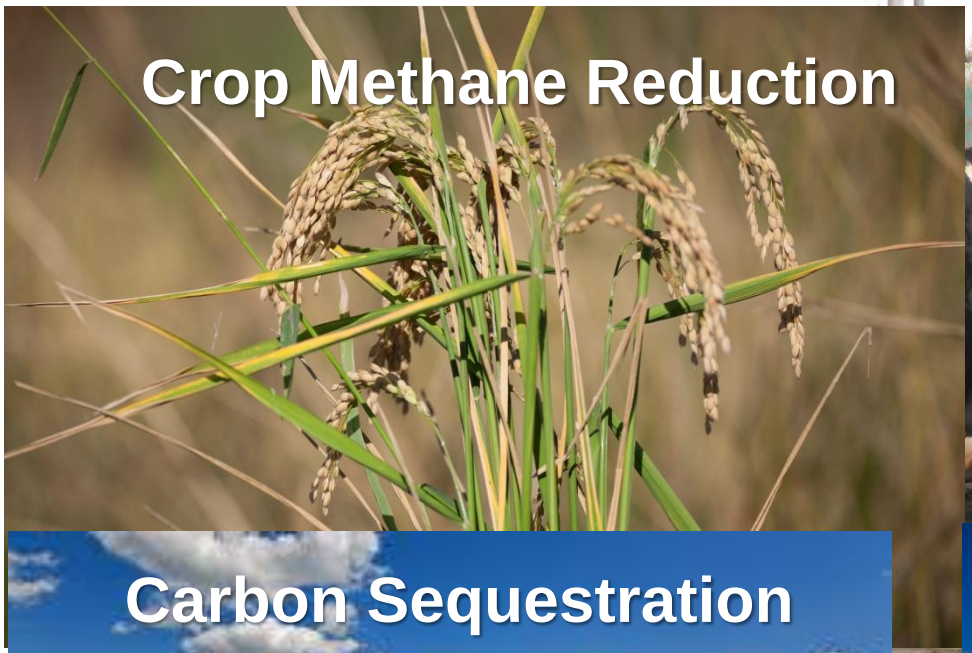
CARB and QUEBEC (MDDELCC)

Set rules and standards for the GHG reductions

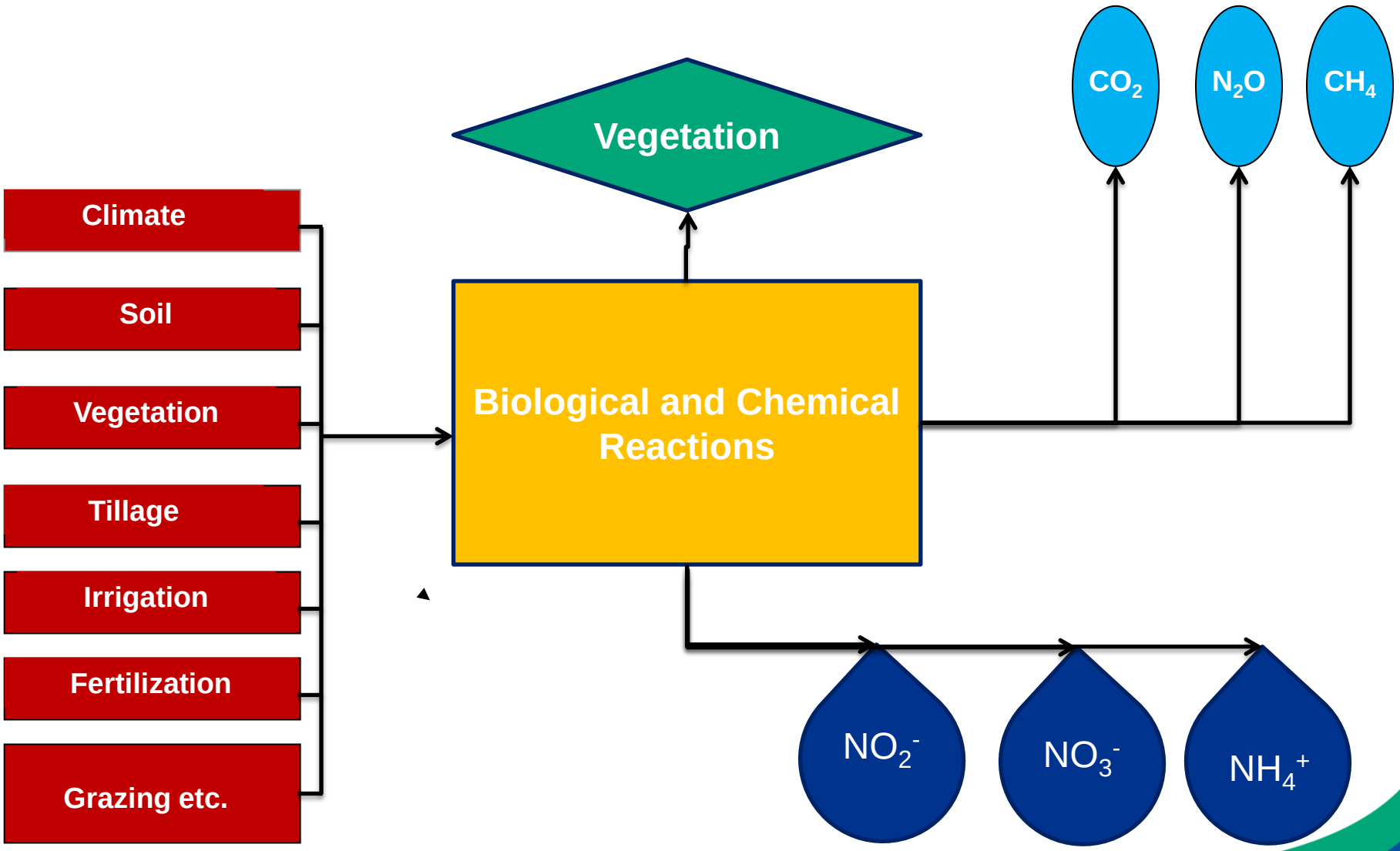
SUPPLY

DEMAND

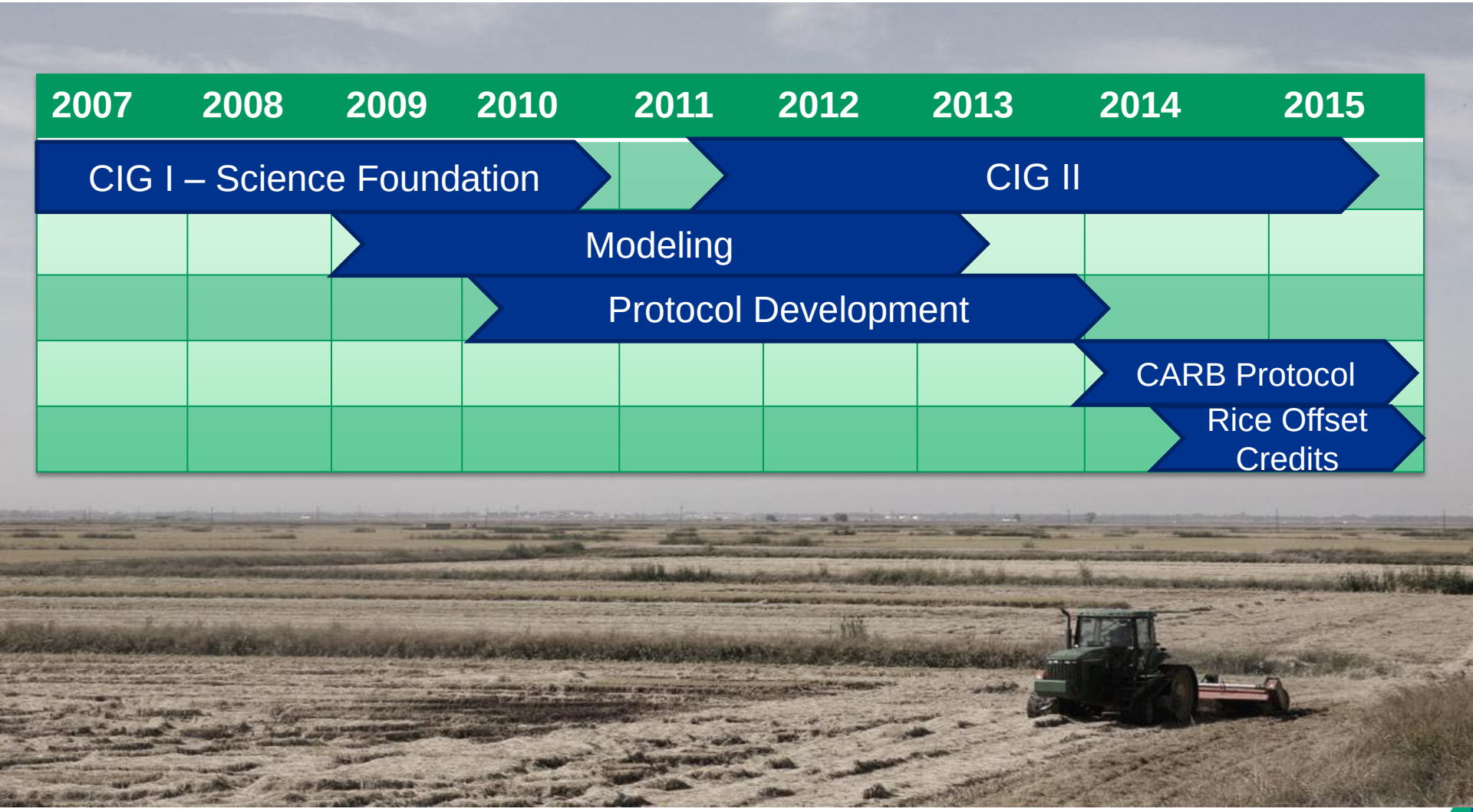
Opportunities for GHG Benefits from Agriculture



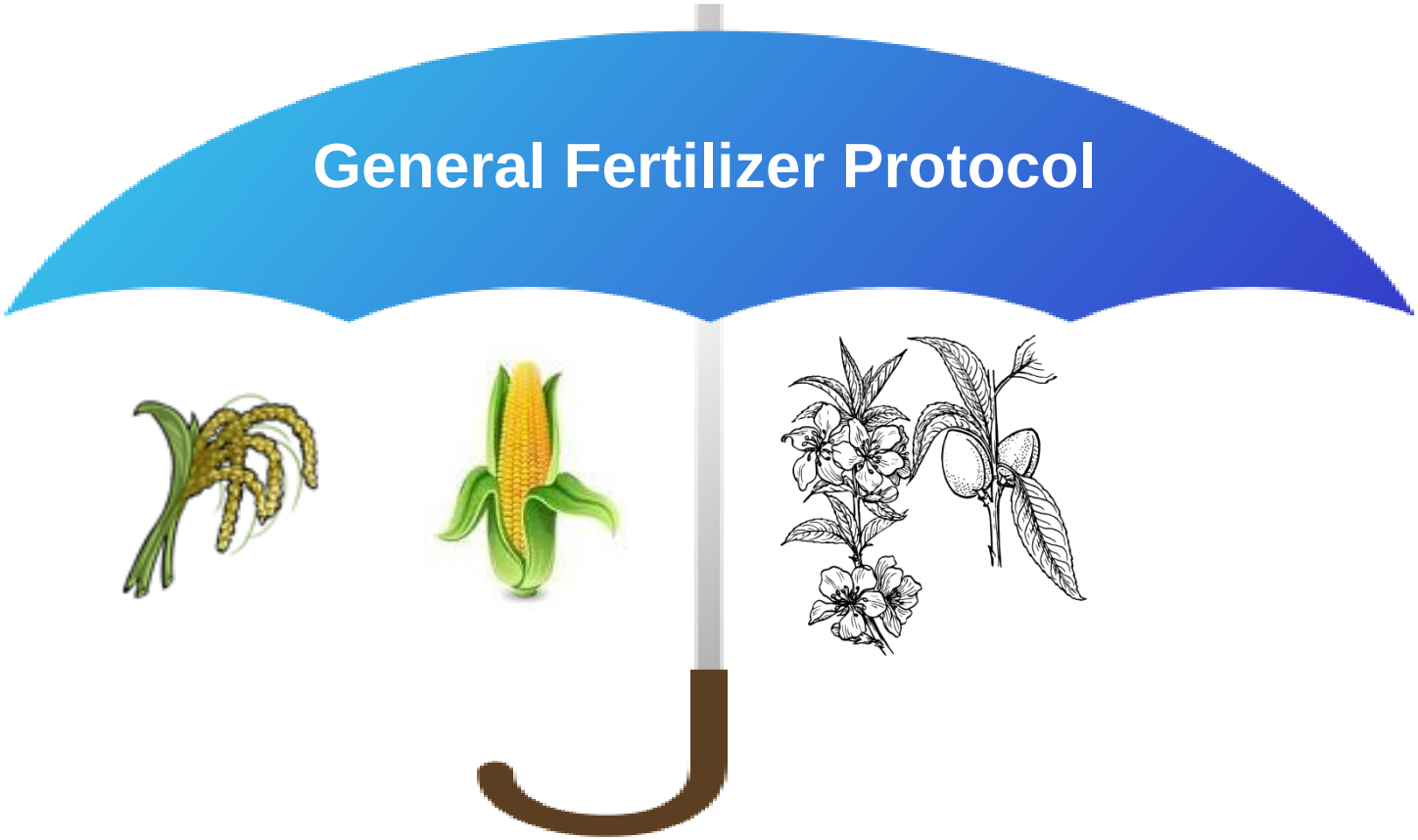
How Do You Measure the Reductions?



Rice GHG Offset Project Efforts



EDF Proposed Fertilizer Protocol



Agriculture's Role in Carbon Markets

- Largest uncapped sector
- Large potential to generate reductions
- Ability to generate additional revenue
- Opener for other environmental markets

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