

Update Activities Northern Australia

carbon tax will be introduced July 2012 (23 A\$/t_{CO2e})

→ Carbon Farming Initiative (CFI) contains methodology for accounting emissions (non-CO₂) from savanna burning in high rainfall (> 1000mm/a) areas (currently in draft form)

- land cover map $\leq 250\text{m}$
- burnt area 5 years pre-baseline $\leq 1\text{km}$
- burnt area 10 years baseline $\leq 1\text{km}$
- burnt area project years $\leq 250\text{m}$
- MOD14 night/day ratio to define start of late dry season
- accuracy burnt area > 80%, assessed using (random) aerial observations

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emission factors

- **fuel type/structure dependent (no seasonality)**

fire severity in savanna woodland

- **MODIS prototype implemented**
- **helicopter and ground based validation data collected**
- **accuracy currently being investigated**