

NSP CLIMATE-SMART PARTNERSHIP

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#THISIS
sorghum

ABOUT ME



USDA CLIMATE-SMART PARTNERSHIPS

- Interest in this program was truly unprecedented
- Around 850 projects were proposed
- The total requested was \$20 billion
- Between the two funding pools, 141 projects were selected
- The first pool (ours) included 70 projects
- The second pool (TAWC's) included 71 projects



OUR ELEVATOR PITCH

- Farmers will adopt climate -smart practices
- Data will be collected at every step
- Compensation will come at the end of the crop season
- The average payment will be \$50 per acre
- There will be an acreage cap of 500



OUR BUDGET

- The total budget is \$65 million
- Farmers will receive \$45 million
- Staffing will be added for \$7 million
- Data collection, third -party verification and additional climate -smart sorghum research comprise the balance



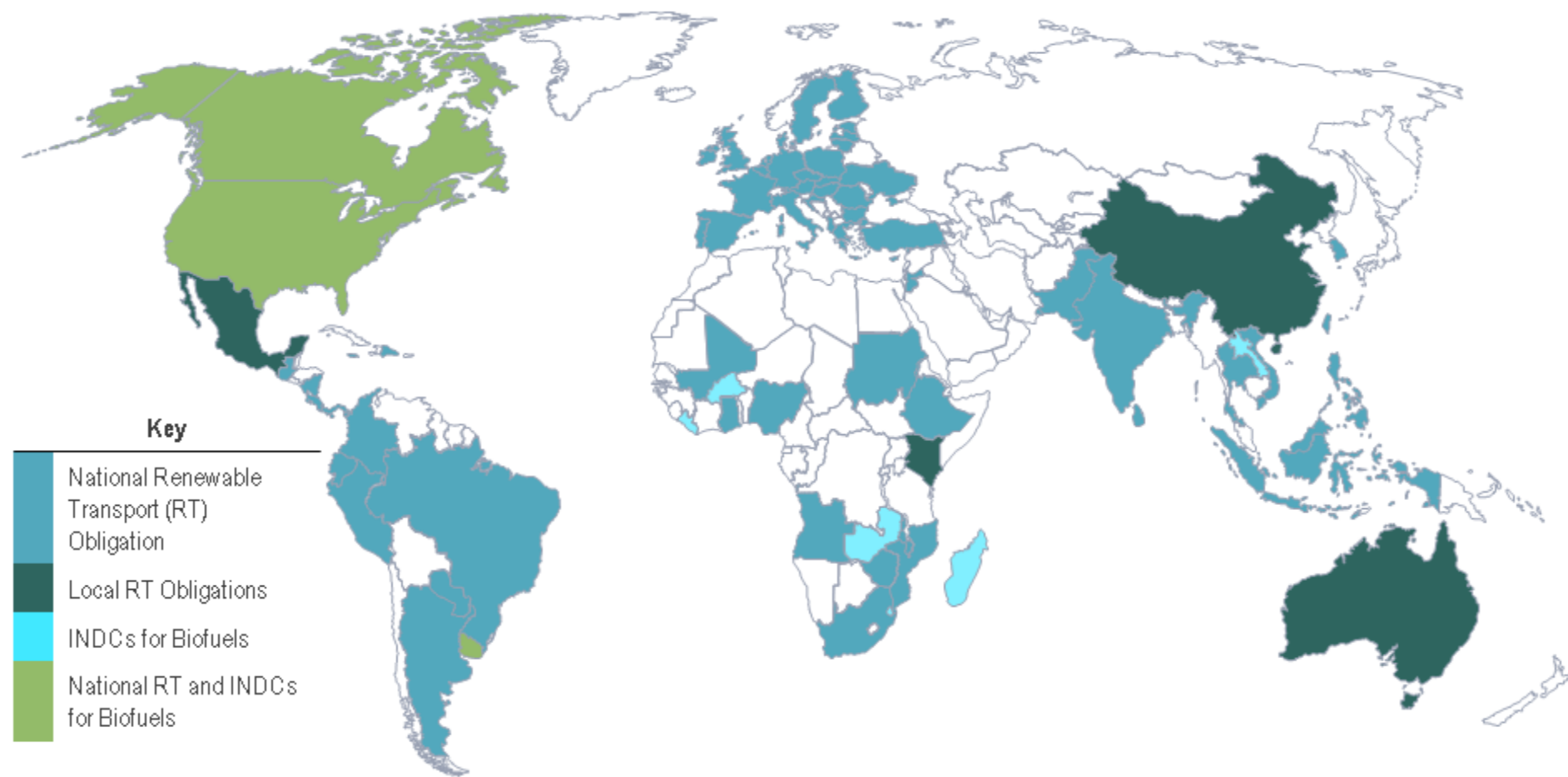
VALUING OUR PRACTICES

- Based on carbon emissions associated with farming and producing ethanol with the grain
- Value of carbon emissions is based on the price of carbon set by the California fuel standard
- Fuel standards pay the most for carbon emissions and are growing in importance (there are now 66 globally)





Global Renewable Transport Obligations & Global INDCs that Reference Biofuels



Sources: Renewables 2016 Global Status Report, REN 21; Intended Nationally-Determined Contributions (INDCs) Offer Opportunities for Ambitious Action on Transport and Climate Change, Partnership for Low Carbon Transport; Global Renewable Fuels Alliance

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APPROXIMATE VALUE OF OUR PRACTICES

Practice	CI Savings (g/bu)	Payment (\$/ac)
No Till	2,152	\$40.32
Precision N	2,350	\$44.03
No Till + Precision N	2,904	\$54.41
Reduced Irrigation	2,341	\$58.03
Reduced Irrigation + No Till	2,895	\$71.77
Reduced Irrigation + Precision N	3,093	\$76.67
Reduced Irrigation + No Till + Precision N	3,647	\$90.41



THE FUTURE

- Water is the biggest threat to sorghum country
- A bolt-on project on water -smart sorghum is next
- Then, we plan to do a bolt-on project on nitrogen management



INTERESTED IN PARTICIPATING?

- Act quickly, but know that the airplane is still being built, even though it took off already
- Visit [sorghumgrowers.com/ climatesmart](http://sorghumgrowers.com/climatesmart)
- Email me at john@sorghumgrowers.com





QUESTIONS?