



BCarbon: The Baker Institute Soil Carbon Storage Standard - Land Savvy, Market Ready

**By Jim Blackburn
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Types of Carbon Credit Programs

Changed Practices Credits

Carbon credit dollars

Example of an annual farm payment calculation

Farmer no-tills 124 acres of cropland.

That prevents 74.4 metric tons of carbon from entering atmosphere.

Carbon credit buyer pays \$4 per metric ton* - \$297.60.

After \$69.19 in fees, farmer is paid \$228.41.

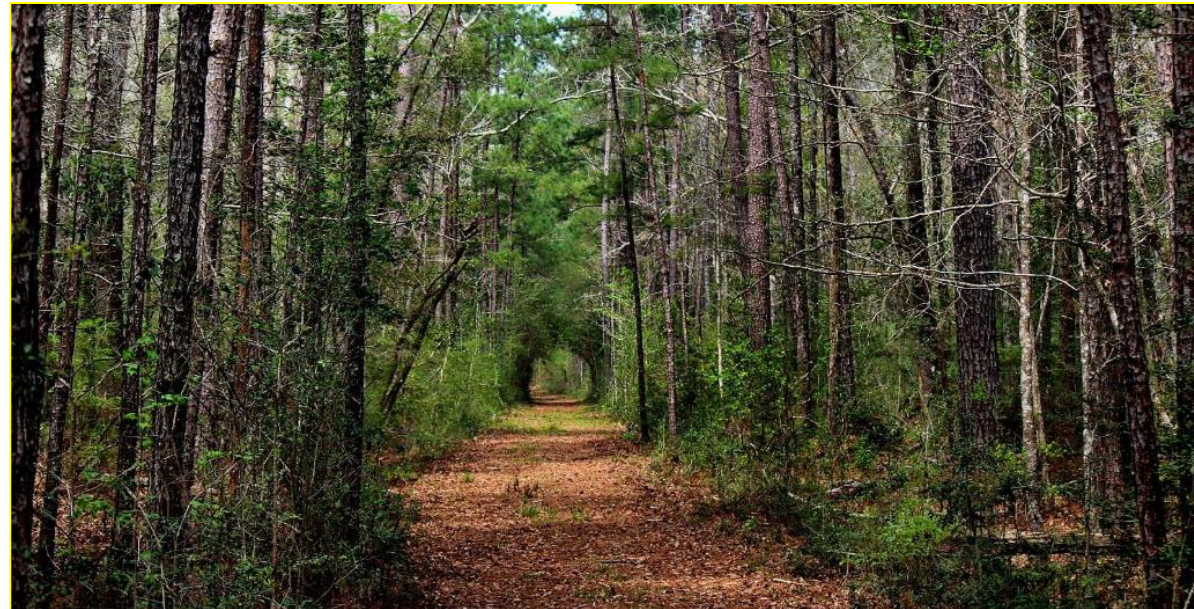
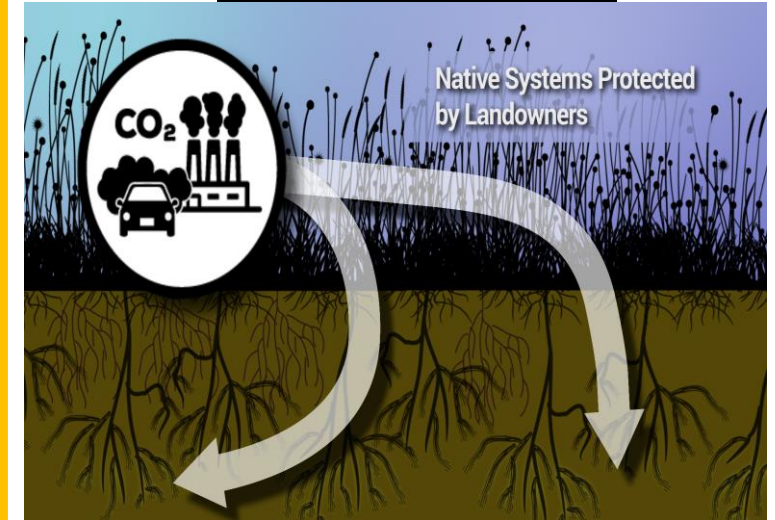
* This value changes with market



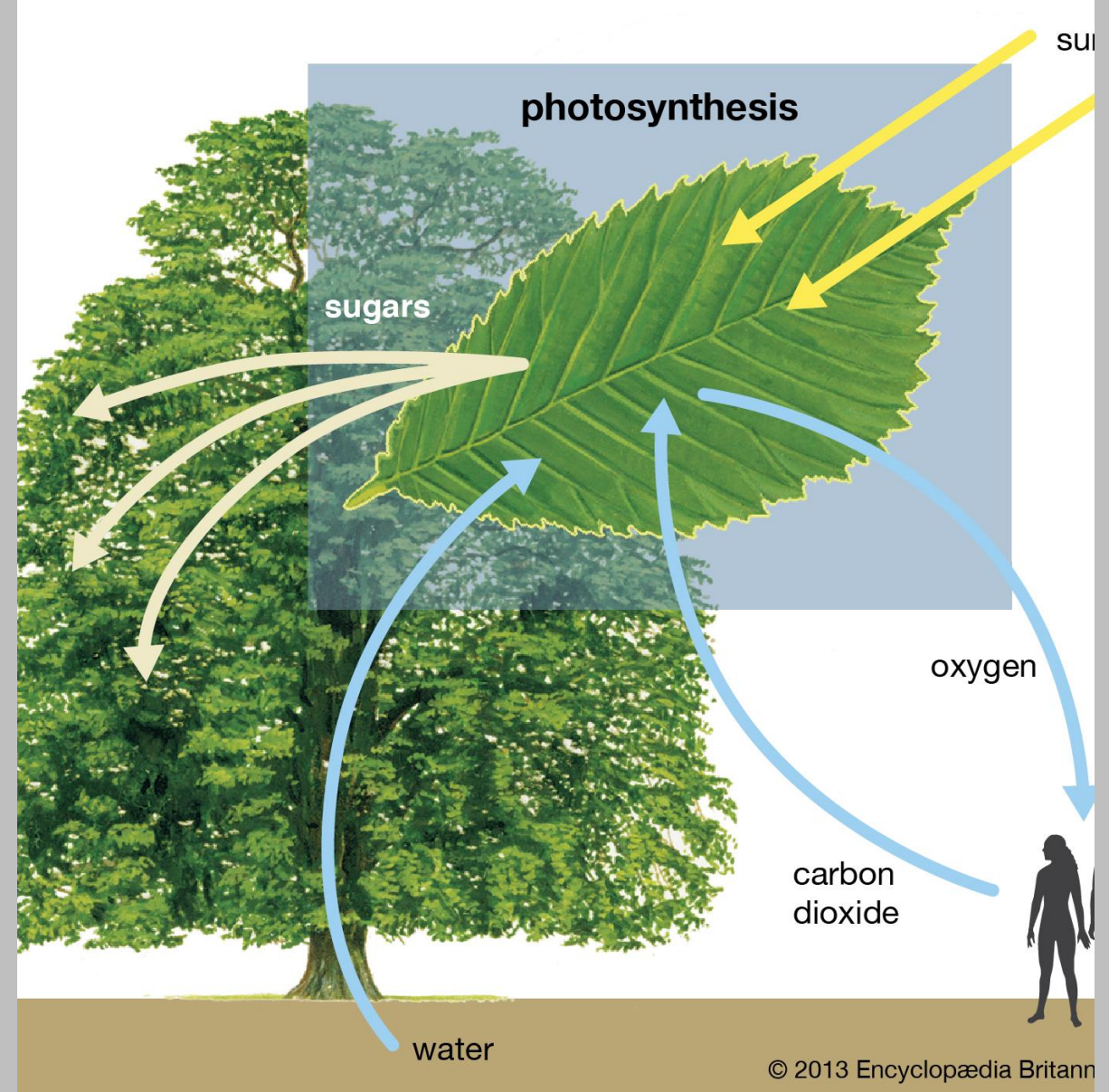
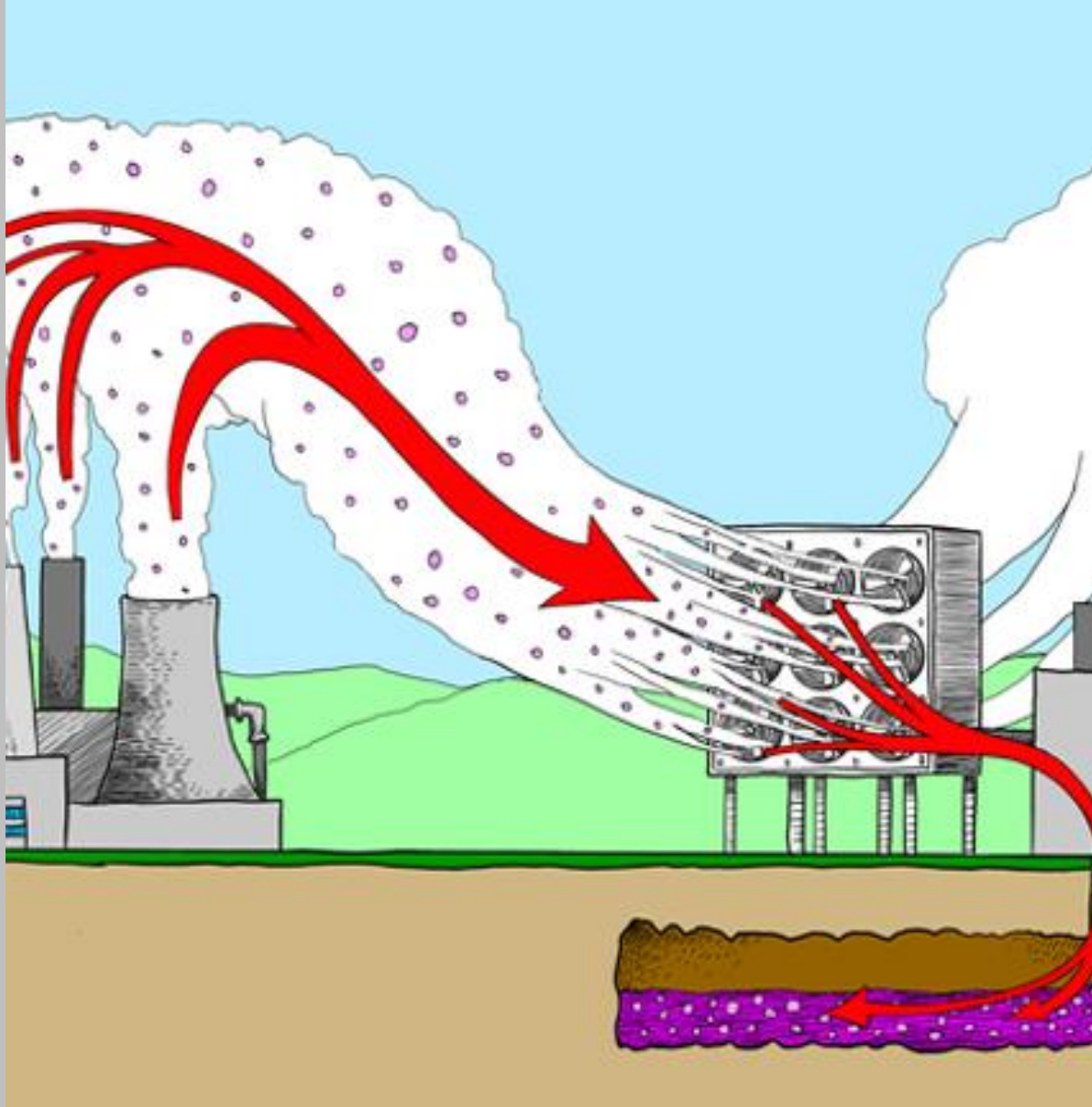
Source: Pennsylvania Farm Bureau

CHRIS EMLET / NEW ERA

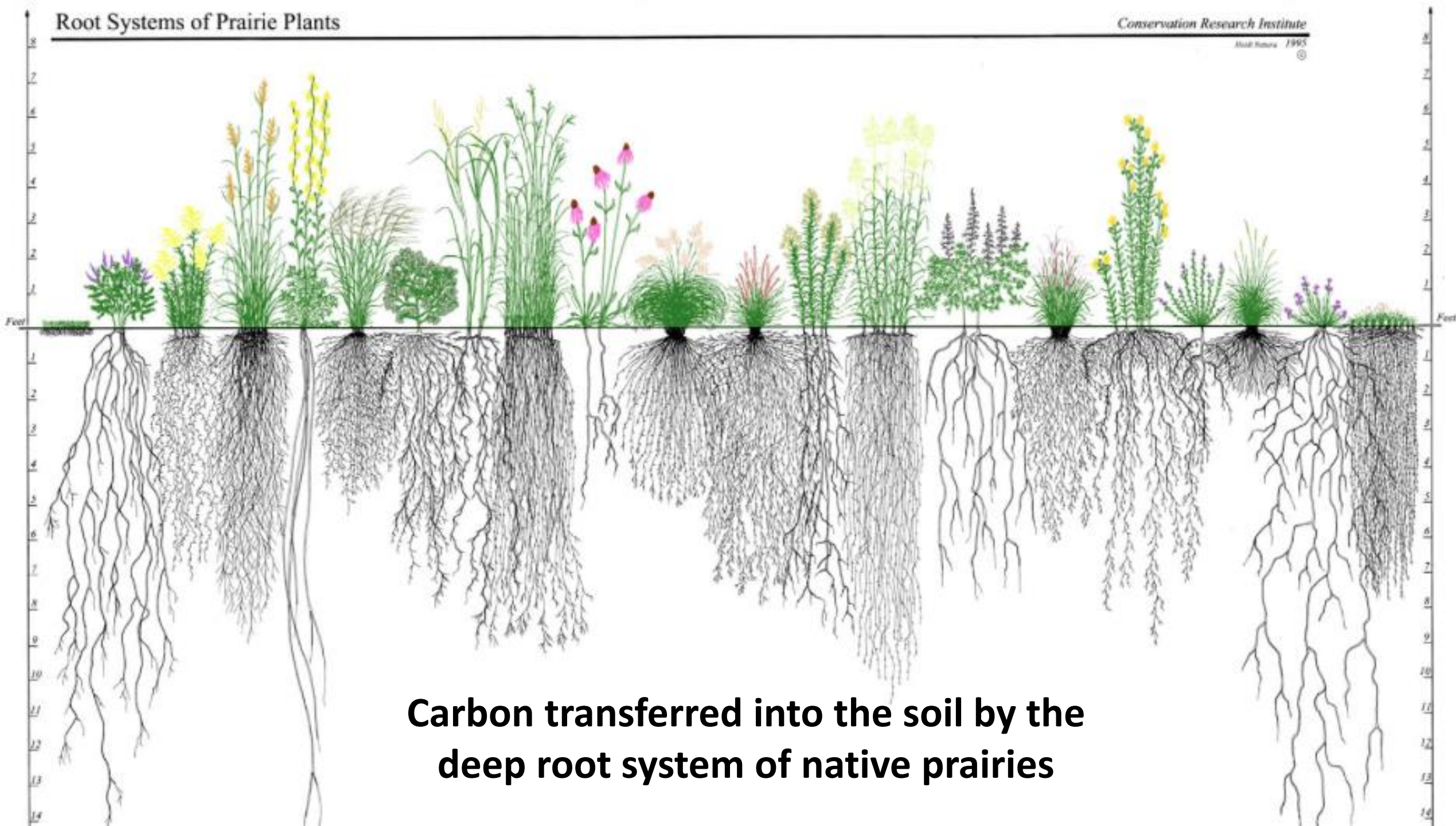
Nature-Based CCS



Avoided Conversion of Carbon Stock



Technological Carbon Capture vs. Nature Based Capture



**Carbon transferred into the soil by the
deep root system of native prairies**

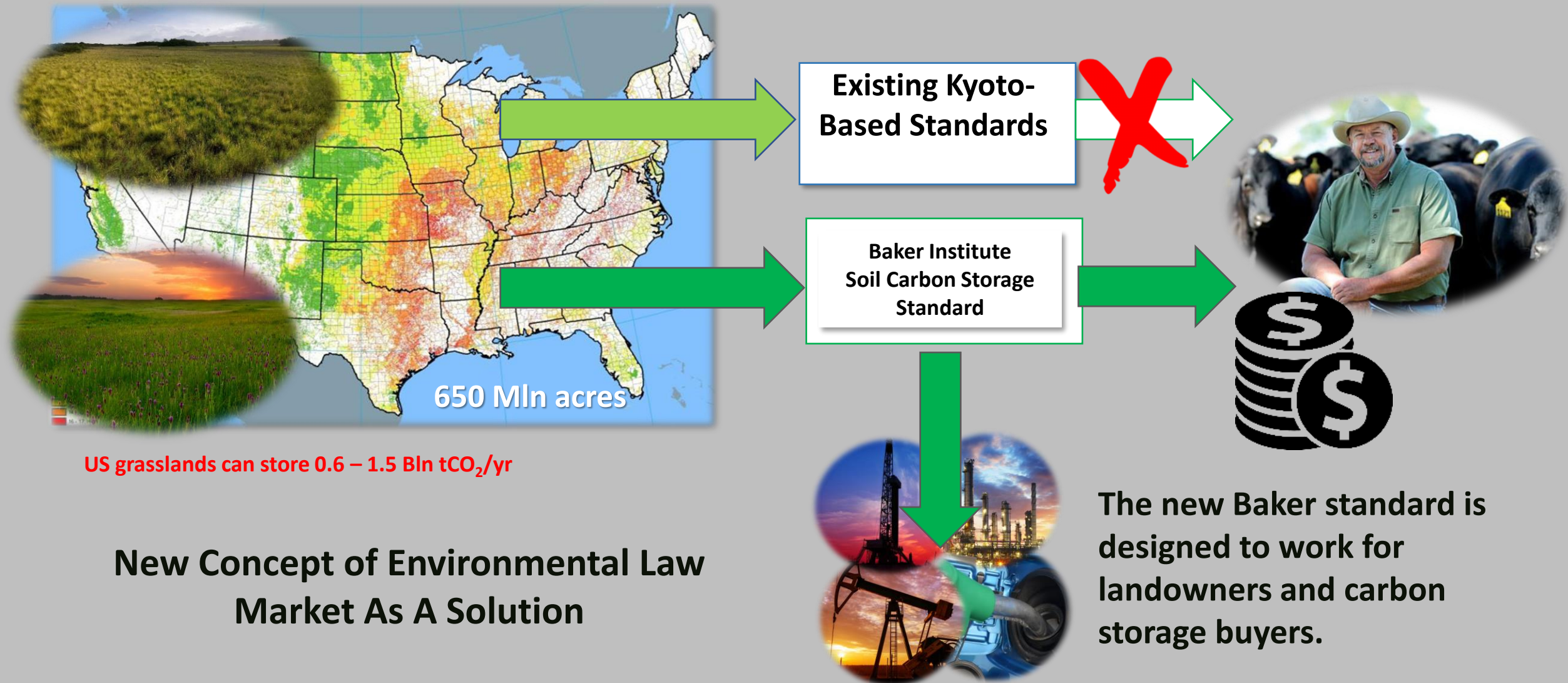
Baker Soil Carbon Stakeholder Working Group Leading Effort to Improve Upon Kyoto Standards

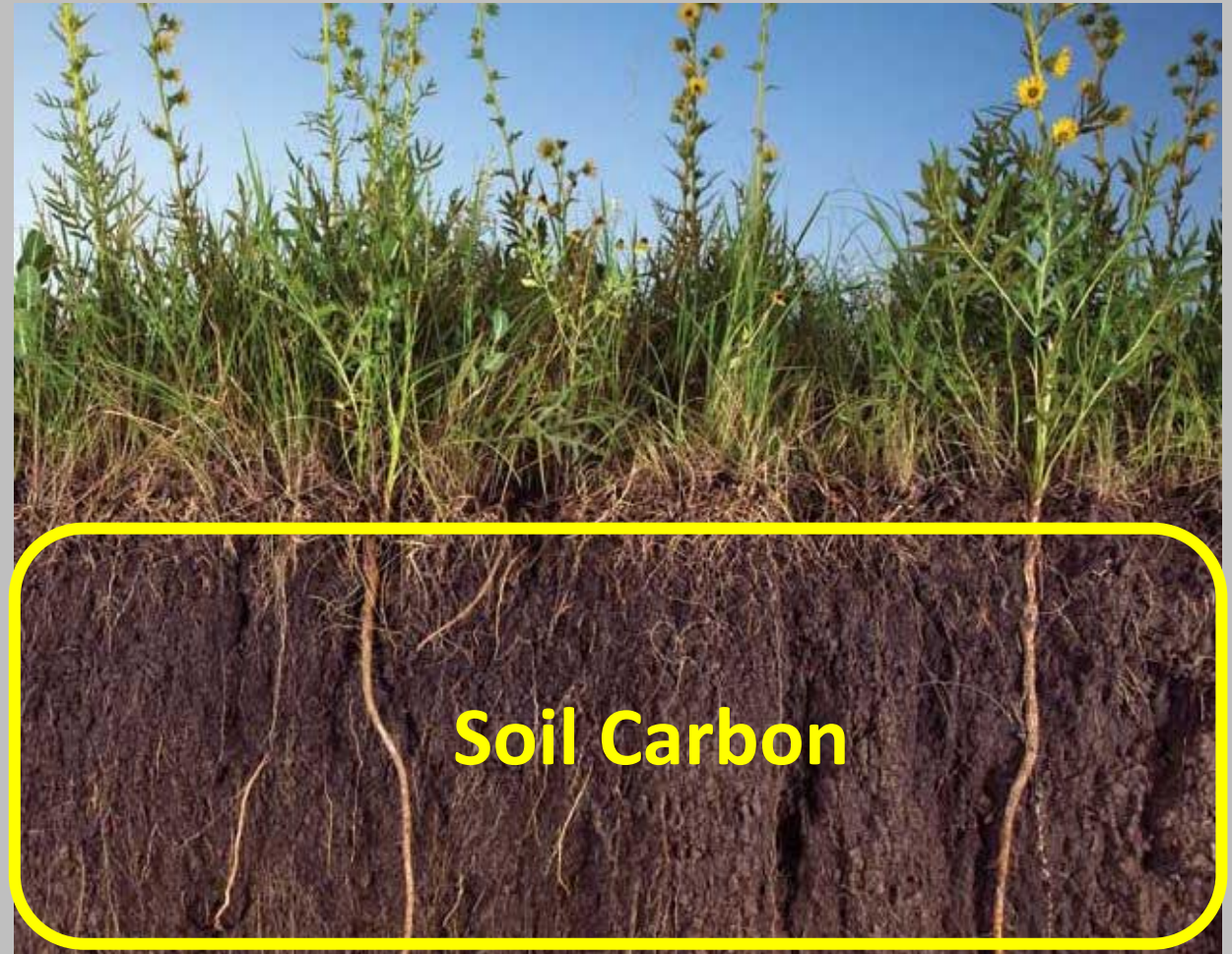


United States Business Council
for Sustainable Development



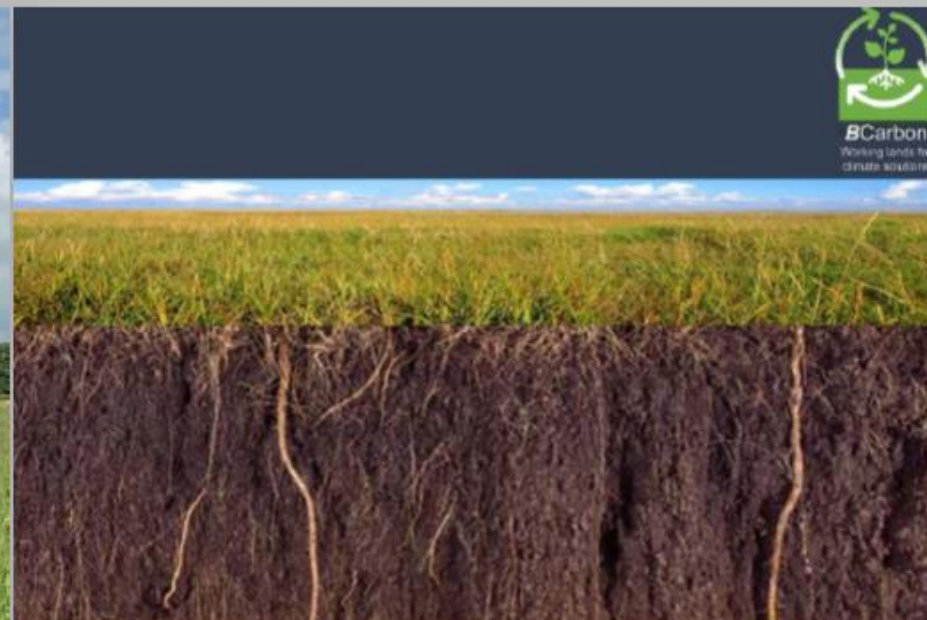
The Baker Standard is Market Enablement Need New Standard To Reach Scale





**BCarbon Central Concept –
If You Grow It And Can Prove It, You Can Sell It
Basic Property Rights Concept**

Testing Is The Key To Buyer Credibility



Current Version

**Protocol for Measurement, Monitoring, And Quantification of The
Accrual of Below-Ground Carbon Over Time**

Prepared by

**Soil Carbon Metrics Committee,
Baker Institute Soil Carbon Working Group**

Issued: 10 June 2021



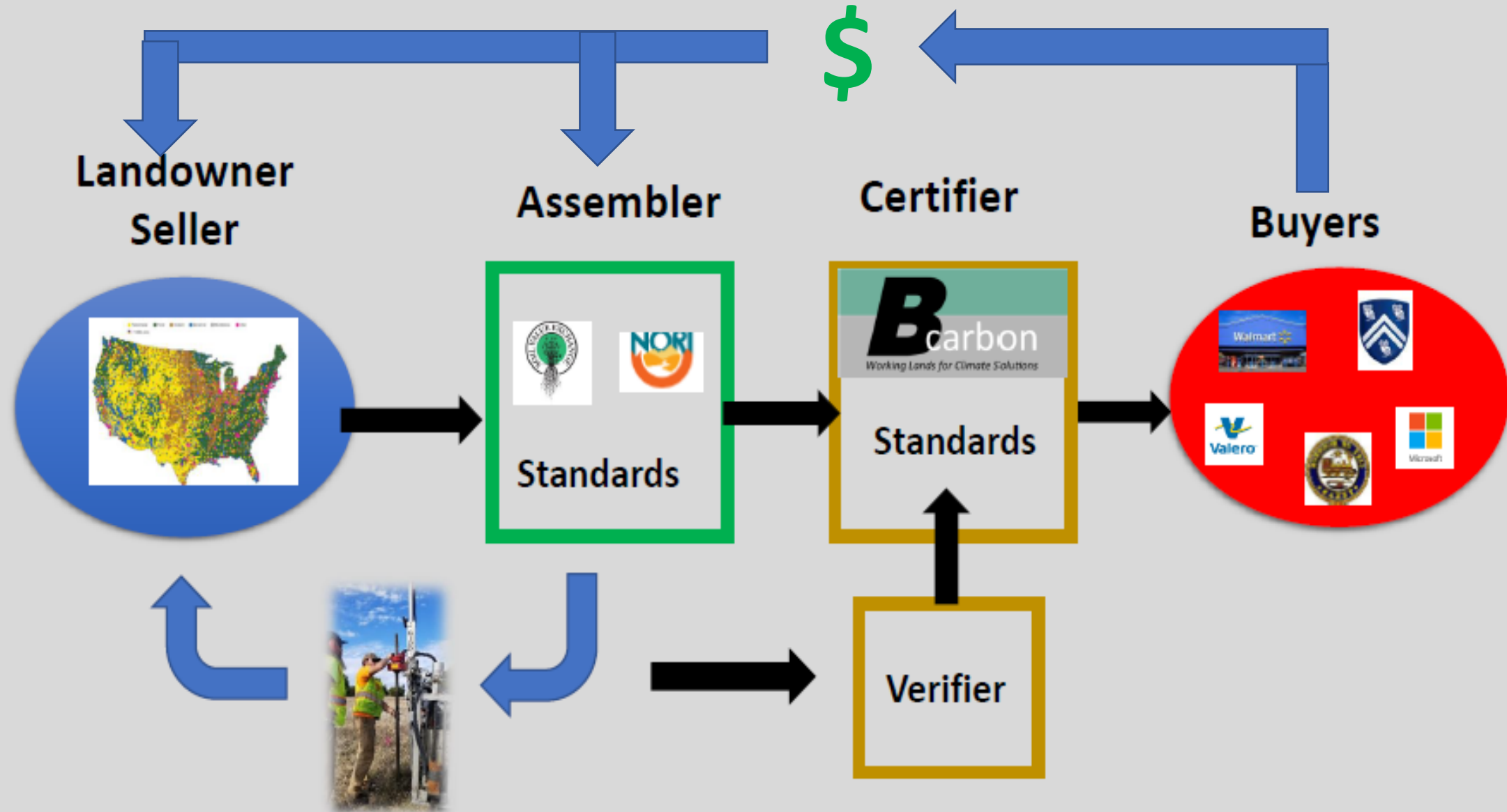
Landowner Is The Key To Participation

Voluntary System

No Plowing or Subsurface Destruction

Maintain Natural System for 10 Years Per Transaction

Emerging Institutional Structure for Baker Standard



A Solution For Climate Change With Co-Benefits



**Water
resilience**



**Carbon
resilience**



**Ecological
resilience**



**Economic
resilience**

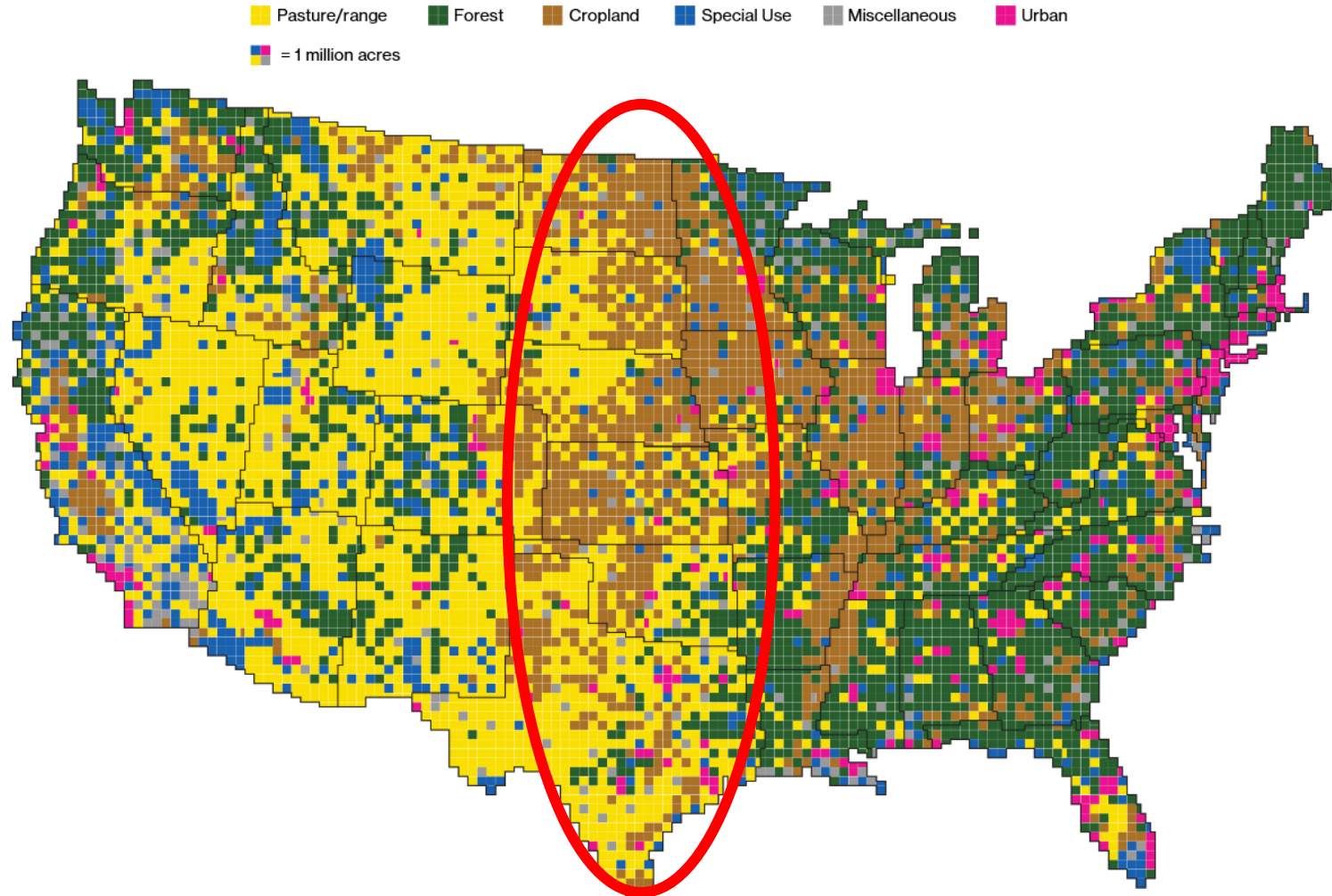


**Diversity,
Equity and
Inclusion**



Up To 1 Billion Tons CO2 Storage COULD Be Liberated

Potential \$20 Billion Market @\$20/ton



Thank You

**For Further
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BCarbon

Working lands for
climate solutions