

## **Creating incentives:**

### *Industry, landowner, & government partnerships*

- ↪ **What frameworks would encourage terrestrial carbon sequestration?**
- ↪ **What are the principal issues faced by landowners and industry today and how can they be resolved?**
- ↪ **How can we work together to make practices that encourage terrestrial carbon sequestration happen?**

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↪ **What frameworks would encourage terrestrial carbon sequestration?**

➤ **Carbon credit system**

# Creating incentives:

## *Industry, landowner, & government partnerships*

- ↪ **What are the principal issues faced by landowners and industry today and how can they be resolved?**
  - **Regulatory uncertainty**
  - **Financial barriers**
  - **Complex land ownerships issues**

# Creating incentives:

*Industry, landowner, & government partnerships*

 **How can we work together to make practices that encourage terrestrial carbon sequestration happen?**

- **Small pilot projects**
- **Sharing of information and education**



# Carbon credits system – *Simple and feasible*

## ↳ Leadership from *Administration*

- Provide long-term, stable policy for planning
- Establish economically viable system for the US
  - ✓ Develop & test system before establishing arbitrary caps
  - ✓ Must evolve to international system
- Both carbon trading and tax incentives could be part of this system

## ↳ Certified trading system that includes

- Carbon storage *AND* emission reduction
  - ✓ Total carbon accounting
- Measurement, monitoring, verification
- Value for multiple environmental benefits
- Recognition of past successes (encourage replication)

## **Issues – *Incentives and rules are lacking***

### **↳ Uncertainty in future “regulations”**

- **Inhibits investment in long-term projects**
- **No credit for past and current practices?**

### **↳ Landowners with various desires**

- **Long-term encumbrances**
  - ✓ **Short-term options (biomass feedstocks)**
  - ✓ **Discount factors needed**
- **Private versus Public lands**
  - ✓ **East vs West, Changing ownership**
- **IRS tax breaks exist and work (DU, TNC experience)**

### **↳ Fragmented regulatory approach**

- **Conflicting drivers**
- **Lack of cooperation among parties**

# Implementation – *How do we get started?*

## ↳ **Leadership (*Administration*)**

- **Common message leading to global approach**
- **Many players to get engaged**

## ↳ **Information & education**

- **Landowners need information on value of carbon, ecosystem services, forest products, etc.**
- **System to share information on experiences**
  - ✓ **Operational experiences**
  - ✓ **Growth rates**
  - ✓ **Costs**
  - ✓ **Measurement challenges**
- **Transfer of latest science to on-the-ground practices**
  - ✓ **Hands-on workshops like this**



# Implementation – *How do we get started?*

## ↳ **Pilot projects**

- **Start small**
  - ✓ **Gain acceptance of all constituents**

## ↳ **Plans and actions to proceed**

- **How-to guidelines (compaction, deer, other)**
- **Aggregated landowner system**
- **Plentiful source of seedlings, materials**

## ↳ **Integrated regulatory approach**

- **Waste disposal, water quality, ecosystem services, carbon sequestration, erosion control, air quality**
  - ✓ **Watershed approach**
  - ✓ **Integrated risk/cost/benefit valuation**
  - ✓ **Re-interpretation of regulations**