

The Climate Trust: Oregon Truck Stop Idle Reduction Initiative

Oregon Solutions Meeting

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Oregon Carbon Dioxide Standard

First State Law to Regulate Greenhouse Gases

- **Regulates CO₂**: New power plants must offset part of their CO₂ emissions in order to get a site permit
- **Unique Non-Profit Role**: Power plants can pay money to a non-profit trust to comply with the Standard
- **Trust Buys Offsets**: The Climate Trust buys offsets from projects that reduce CO₂ emissions

What is an Offset?

An Environmental Commodity that is Bought and Sold

- **Results of a project, not the project itself**
- **Key requirements:**
 - Reduces atmospheric CO₂ levels below what they would have been without a project
 - “Additional:” Project must need offset funding to proceed
 - Quantified: Monitoring and verification required

Truck Stop Idle Reduction

A High Environmental Priority

- **West Coast governors: Near term CO₂ action item**
- **Governor Kulongoski: Oregon Solutions Project**
- **West Coast Diesel Emissions Reduction Collaborative**
- **Oregon DEQ Clean Diesel Initiative priority**

Truck Stop Idle Reduction

An Attractive CO₂ Offset

- **Additional**: Emerging technology needs capital to proceed
- **Quantifiable**: Straightforward to monitor and verify
- **Ownership**: “Chain of custody” can be addressed in contracts
- **Co-Benefits**:
 - Reduced air pollution
 - Saves energy
 - Truck stops more attractive

The Climate Trust's Initiative

\$2 Million Committed to Truck Stop Idle Reduction

- **Leverages other funds (~\$6 million total)**
 - USEPA grant (applied for): OSU is partner
 - ODOE's BETC tax credit
 - Equity invested by technology providers
- **Projects must meet our offset criteria**
 - Additional, monitoring & verification, ownership chain
 - Price: \$4/metric ton
 - Equals several thousand dollars per parking space treated
 - Enough funds for around 600 parking spaces

Idle Reduction Offset Initiative

Initial Thoughts for Process for Putting Projects in Place

- **Request for proposals**
 - Technology provider and truck stop(s) submit proposals
 - Review by The Climate Trust and OSU project team
 - Scheduled release is in October/November
- **Decision making**
 - The Climate Trust makes independent decisions
 - Project team works with Offset Committee on Board recommendation
 - Board makes final funding decisions
 - ODOE makes its own independent decisions
 - But we will coordinate as partners in this project

The Climate Trust's Initiative

Initial Thoughts for Process for Putting Projects in Place

- **Goals: Construction starts middle of next year**
 - Solicit projects via RFP
 - Evaluate and select projects
 - Negotiate offset acquisition contracts
 - Fund and construct
- **We welcome your participation**
- **And thank our partners**

The Climate Trust

Who to Contact?

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