



# Conference Program

Oregon Convention Center, Portland, Oregon  
January 20-21, 2004

## TUESDAY, JANUARY 20th

7:30am **REGISTRATION** (Lobby F)

9:00 - 10:00am **OPENING PLENARY** (F149-152)

Masters of Ceremony: **Carel DeWinkel & Rhys Roth**

### Welcome & Conference Overview

- **Michael W. Grainey**, Director, Oregon Department of Energy
- **Katy Coba**, Director, Oregon Department of Agriculture

### Introductions

- **Barry Bushue**, President, Oregon Farm Bureau

### Opening Speakers

- **OR State Rep. Jeff Kropf**, Chair, Agriculture & Forestry Committee
- **OR Congressman Greg Walden**, House Energy & Commerce Committee (by video)

10:00 - 10:30am **NETWORKING BREAK** (Lobby F)

10:00am - 4:00pm **EXHIBIT AREA OPEN** (Exhibit Hall E)

10:30 - Noon **PANEL DISCUSSION: "Financing for Rural Clean Energy Production"** (F149-152)

Moderator: **Jim DiPeso**

Rural clean energy projects can be eligible for grants and loans from a number of federal, state and local programs. Find out what's available and what these funders are looking to support.

- **Don Hollis**, Rural Business-Cooperative Specialist, USDA Rural Development
- **Jeff Keto**, Energy Loan Program, Oregon Department of Energy
- **Kim Leval**, Senior Policy Analyst, Center for Rural Affairs
- **Peter West**, Renewable Energy Director, Energy Trust of Oregon
- **MerrieSue Carlson**, Central Region Coordinator, Governor's Economic Revitalization Team

Noon - 1:45pm **LUNCHEON & KEYNOTE: "Public Power Clean Energy Leadership"** (Ballroom 254-255)

Moderator: **Jack Evans**

- **Dan McClendon**, General Manager, Delta-Montrose Electric Association

1:45 - 4:00pm **PROJECT DEVELOPMENT SESSIONS**

Experts and farmers with direct experience in successful projects will walk through the nuts and bolts of project development, including feasibility and economic assessments, technical and financial resources, and finding markets for power and co-products. Four concurrent tracks will be offered each day.

### **1) Re-Energizing Your Farm Operation or Food Business** (F152)

Moderator: **Katie Fast**

How farm operators can increase profitability through energy efficiency and renewable energy.

- "Efficiency Opportunities for Storage, Freezing & Processing"  
**Marcus Wilcox**, President, Cascade Energy Engineering  
**Fred Gordon**, Planning & Evaluation, Energy Trust of Oregon
- "Micro-Hydro: Money for Nothing and Kilowatts for Free"  
**Jeff Rola**, Operations Manager, Deschutes Soil & Water Conservation District

- “Geothermal in Agribusiness Applications”  
**John Lund**, Director, Geo-Heat Center, Oregon Institute of Technology
- “A Wind Turbine for Your School”  
**Jess Alger**, Montana Rancher, Our Wind Cooperative
- “Solar-Powered Stock Water”  
**Dave Chamberlain**, Extension Service Agent, Harney County Extension
- “Solar Energy Applications and Economics for Food Processing”  
**Russ Read**, Facilities Manager, Kettle Foods

## 2) Small to Mid Scale Wind Farms (F151)

Moderator: **Carel DeWinkel**

Understand how local and farmer-owned commercial wind development can work to retain more economic benefits for Northwest communities.

- “Local Economic Impacts of Wind Power Investments”  
**Dr. Steve Grover**, Senior Economist, ECONorthwest
- “Examples of Farmer and Community-Owned Wind Projects in the Midwest”  
**Tom Wind**, President, Wind Utility Consulting
- “How to Develop a Farmer-Owned Wind Farm”  
**Dave Kolsrud**, General Manager, Corner Stone Farmers Co-op
- “Development of a Community-Owned Small Wind Farm”  
**Mike McArthur**, Chair, Rural Development Initiatives, Sherman County
- “What’s Included in a Feasibility Study for Small Wind Farm Development?”  
**Paul Woodin**, President, Western Wind Power Consulting
- “Wind Farm Development by a Small Utility”  
**Tom Svendsen**, Power Manager, Klickitat PUD

## 3) Biofuels Production & Bio-Based Products (F150)

Moderators: **Tom Koehler**

Building new markets for locally produced feedstocks by fostering a biofuels-based products industry.

- “Northwest Oilseed Business Opportunities”  
**David Lakey**, President, The Lake Group; **Kelly Rupp**, Managing Director, Lead to Results LLC
- “Lincoln County: Rural Economic Diversification Through Biofuels”  
**John Graff**, President, American Premix Technologies
- “Biobased Fuels and Lubricants: Practical Approaches Towards a Bio-Based Economy”  
**Paul Miller**, President, Sustainable Systems LLC
- “Overcoming Permitting Obstacles and Legal Challenges to Biofuels Production Facilities”  
**David E. Filippi**, Partner, Stoel Rives LLP
- “Making Ethanol Profitable Via a Multiple Bio-Based Product Strategy”  
**John Hamilton**, Project Manager, Treasure Valley Renewable Resources LLC

## 4) Water Efficiency for Food Producers & Processors (F149)

Moderator: **Tim Stearns**

Opportunities and challenges for food producers and processors in water efficiency.

- “Harnessing the Sun’s Energy: Pumping Water with Solar Power”  
**Justin Klure**, Energy Specialist, Oregon Office of Energy
- “Sub-Surface Drip Irrigation and Agricultural Crop Production”  
**Gaylin Davies**, Clearwater Supply
- “Technological Advances in Agricultural Efficiency”  
**Fred Ziari**, President, IRZ Consulting
- “Balancing Water Needs for Farms and Fish”  
**Bob Rugar**, Nelson Irrigation
- “Permitting Requirements for Wastewater Reuse and Disposal for Food Processors”  
**Steven Abel**, Partner, Stoel Rives LLP

4:00 - 4:30pm **NETWORKING BREAK** (Lobby F)

4:30 - 5:30pm **INTERACTIVE TOWN HALL MEETING** (Ballroom 254)

Master of Ceremony: Rachel Shimshak

Congressional staff from the around the region will provide brief summaries of clean energy initiatives in their offices, and participate in an open dialogue with the audience.

5:30 - 7:00pm **RECEPTION** (Ballroom 255)

7:00 - 9:00pm **INFORMAL GATHERINGS**

Various groups will meet informally to discuss the status of projects and topics of mutual interest. Additional rooms may be available if you'd like to host a gathering. Check with the registration table.

- First annual membership meeting of *Our Wind Cooperative* (F152)
- Market-building for biodiesel (F151)
- Recent developments under PURPA (F150)

### WEDNESDAY, JANUARY 21<sup>st</sup>

7:30am **REGISTRATION** (Lobby F)

8:30 - 9:15am **OPENING PLENARY** (F149-152)

Moderator: Marty Brantley, Director, Oregon Economic & Community Development Department

- "Invitation to Harvesting Clean Energy V"  
**Mark Lindberg**, Agriculture & Energy Officer, Montana Economic Opportunity Office
- "Thirty Steps to Farmer-Owned Energy Facilities"  
**Dave Kolsrud**, General Manager, Corn-er Stone Farmers Coop
- "Where Do Community Wind Projects Make Sense?"  
**Tom Wind**, President, Wind Utility Consulting

9:15 - 9:45am **NETWORKING BREAK** (Lobby F)

9:15am - Noon **EXHIBIT AREA OPEN** (Exhibit Hall E)

9:45am - Noon **PROJECT DEVELOPMENT SESSIONS**

Most repeated from previous day. Choose a new topic to learn about in-depth!

1) **Re-Energizing Your Farm Operation or Food Business** (F152)

2) **Anaerobic Digesters** (F151)

Moderator: John Crockett

Progress and challenges in utilizing digester technology for nutrient management and energy production.

- "We're in Deep Manure Now!"  
**Jack Crider**, General Manager, Port of Tillamook Bay  
**Richard Mattocks**, Environmental Scientist, Environomics
- "Anaerobic Digestion and Nutrient Management"  
**Dr. Mike Gamroth**, OSU Dairy Specialist
- "Steinborn Dairy Digester: Environmental, Regulatory and Economic Realities"  
**Erhardt Steinborn**, Owner, Steinborn Dairy
- "Bioenergy Inventory & Assessment for Eastern Washington"  
**Craig Frear**, Research Assistant, WSU Department of Biological Systems Engineering  
**Mark Fuchs**, Organics Specialist, Washington Department of Ecology
- "Energy Northwest Biogas Energy Pilot Project: A New Horizon for Farm-Based Energy"  
**Stan Davison**, Business Development Specialist, Energy Northwest

3) **Biofuels Production & Bio-Based Products** (F150)

4) **Small to Mid-Scale Wind Power** (F149)

Noon - 2:00pm

**LUNCHEON & KEYNOTE: Oregon Governor Ted Kulongoski** (Ballrooms)

2:00 - 4:00pm

**SPECIAL WORK SESSIONS**

Roll up your sleeves to work on a topic of special interest.

1) **Biomass Project Review** (F152)

Moderator: **Mark Fuchs**

- **Luc Duchesne**, Chief Forester/Business Development Officer, DynaMotive Energy Systems
- **Craig Frear**, Research Assistant, WSU Department of Biological Systems Engineering
- **Brian Stanton**, Managing Director, GreenWood Resources

2) **Assembling Federal, State and Local Funding for Your Project** (F151)

Moderator: **Kim Leval**

- **Jeff Keto**, Energy Loan Program, Oregon Department of Energy
- **Kim Leval**, Senior Policy Analyst, Center for Rural Affairs
- **Jeff Rola**, Operations Manager, Deschutes Soil & Water Conservation District
- **Carol Werner**, Executive Director, Environmental and Energy Study Institut

3) **Taking Your Project to the Utility: Interconnection & Power Purchase Agreements** (F150)

Moderator: **Carel DeWinkel**

- **Steve Enyeart**, Customer Service Engineering, Bonneville Power Administration
- **Jim Hicks**, Financial Consultant, PacifiCorp
- **Tom Svendsen**, Power Manager, Klickitat PUD
- **Bruce Shaw**, Project Manager, Hudnut Industries
- **Lisa Schwartz**, Senior Analyst, Oregon Public Utilities Commission

4) **Jobs in the Wind: Fostering a Northwest Wind Turbine Industry** (F149)

Moderator: **Gerald Fleischman**

- **Gerald Fleischman**, Renewable Resources & Alternative Fuels Team, Idaho Energy Division
- **Don Bain**, President, Aeropower Services
- **Robert Preus**, President, Abundant Renewable Energy