

AGENDA

Regional Clean Energy Innovation Summit

Date: Sept. 19, 2016

Schedule: 9:30 am – 5:30 pm MST; Reception following until 7:00pm MST

Location: University of Colorado Boulder - Sustainability, Environment, Energy Complex (SEEC)
4001 Discovery Drive, Boulder, CO 80303

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| 9:30 – 10:00 am | Check in and networking |
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| 10:00 – 10:05 am | Welcome: Peter Green, Deputy Laboratory Director, National Renewable Energy Laboratory |
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| 10:05 – 10:30 am | Keynote – Former Colorado Governor Bill Ritter, Jr., now Director, Center for the New Energy Economy, Colorado State University --- High level points from Collaboratory economic impact report & 10 state North Central and Inter-mountain West region description (MT, ND, SD, NE, KS, CO, WY, UT, ID, NM). Discuss how local, regional and national innovation clusters and multi-state collaborations can help solve energy challenges in the 21 st Century. |
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| 10:30 – 11:30 am | Panel Session #1: Regional energy needs Moderator: Bill Ritter, Director, Center for the New Energy Economy, Colorado State University Panelist #1: Martin Keller, Director, NREL (regional needs in renewables) Panelist #2: Mark Northam, Executive Director, School of Energy Resources, University of Wyoming (regional needs in fossil fuels and carbon capture) Panelist #3: Robert Simm, Senior Vice President, MWH/Stantec (regional needs in water) Panelist #4: Frank Prager, VP for Environmental Affairs, Xcel Energy (regional needs in electric grid and transmission) |
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| 11:30 – 12:15 pm | Lunch and networking |
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| 12:15 – 12:45 pm | Session #2: Federal and state government perspectives Moderator: Paul Johnson, President, Colorado School of Mines Keynote: Colorado Governor John Hickenlooper |
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| 1:00 – 1:45 pm | Session #3: Federal perspectives on regional clean energy innovation partnerships followed by Q&A Introduction -- Chancellor Phil DiStefano, University of Colorado Boulder Keynote – Franklin (Lynn) Orr, Under Secretary for Science and Energy, United States Department of Energy |
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| 2:00 – 3:30 pm | Session #4: Facilitated topic area breakout session discussions Introduction and format for breakout sessions: Terri Fiez, Vice Chancellor for Research, University of Colorado Boulder Breakout session #A: Grid and Storage Facilitator: Tony Dean, Vice President of Research and Technology, Colorado School of Mines Session leaders: Bryan Hannegan, National Renewable Energy Lab and Dan Zimmerle, Colorado State University |
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Breakout session #B: Food/Energy/Water

Facilitator: Jeff Muhs, Associate Director, Energy Institute at Colorado State University

Session leaders: Ken Carlson, Colorado State University and Tzahi Cath, Colorado School of Mines

Breakout session #C: Energy/Climate

Facilitator: Terri Fiez, Vice Chancellor for Research, University of Colorado- Boulder

Session leaders: Dag Nummedal, Colorado School of Mines and Bob McGrath, University of Colorado-Boulder

Breakout session #D: Renewable sources

Facilitator: Barbara Goodman, Executive Director | Institutional Planning, Integration & Development, NREL

Session leaders: Bryan Willson, Colorado State University and Ryan Gill, University of Colorado-Boulder

3:45 – 4:30 pm

Session #5: Breakout session reports

Moderator: Tony Dean, Vice President of Research & Technology, Colorado School of Mines
Each breakout session will summarize highlights to the full group

4:30 – 5:30 pm

Session #6: Summary for a clean energy innovation region

Moderator: Alan Rudolph, Vice President for Research, Colorado State University
Entire group will discuss information covered by speakers and breakout sessions. Open discussion on framework for a regional partnership with next steps.

Note: A portal will be open until Sept 22, 2016 at www.regionalsummit.org to accumulate feedback and additional ideas. Feedback from the Sept 19, 2016 meeting and the portal will be summarized in a full report and sent to U.S. Department of Energy by Sept 23, 2016.

5:30 pm

Meeting adjournment followed by a networking reception ending at 7:00pm

Questions for breakout sessions:

1. To facilitate today's activities, four topic areas have been proposed (Grid and Storage; Food/Energy/Water; Energy/Climate; Renewable Sources). These are not meant to be exclusive of the regional needs. Are there additional focus areas that should be added to the list?
2. What are the regional strengths and opportunities in the four proposed topic areas and any topic areas added? Is there an overarching theme for this region that should be pursued? If so, please summarize.
3. Commercial deployment of energy technologies is required to have impact at a large scale. What are the opportunities for industry and research communities in developing and deploying next generation energy innovations at a large scale in our region?
4. How can we align anticipated research topics with state policies that become key drivers of deployment?
5. Building on the idea of regional innovation partnerships based on the RPSEA model (www.RPSEA.org), what are additional inputs to the process and governance that should be considered? How can we structure the regional entity in order to receive effective collaboration across the multi-state region?

FOR MORE INFORMATION:

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