



Colorado
Energy Office

NASEO 2013 Annual Meeting & Getting to Zero National Forum

Jeff Ackermann, Director
September 16, 2013



Vision



JOBS



SECURITY



COST



ENVIRONMENT

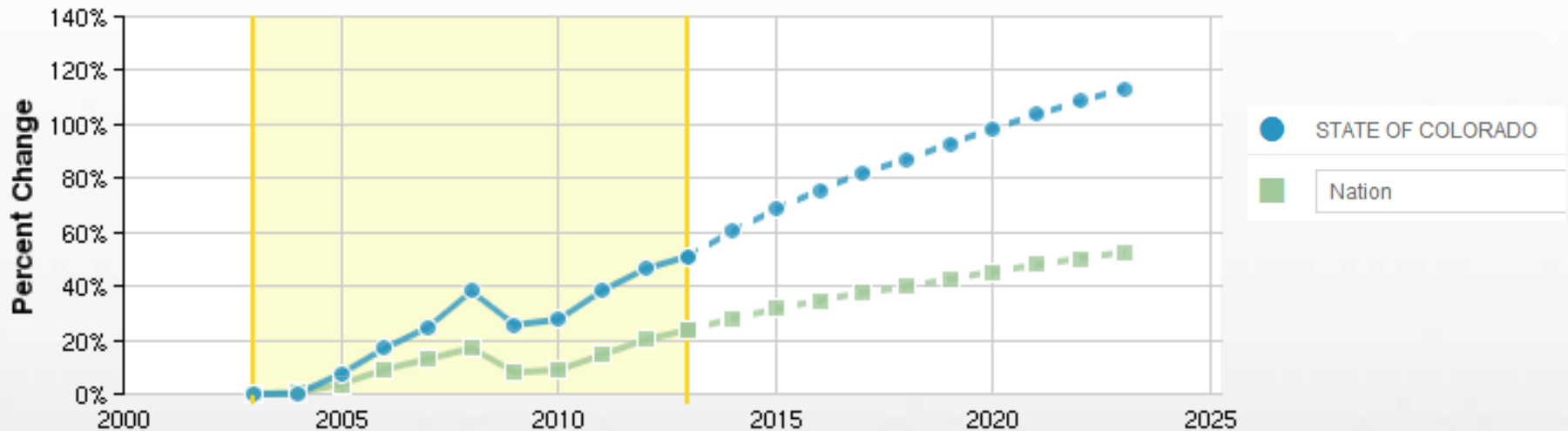
The Colorado Energy Office promotes sustainable economic development in Colorado through advancing the state's energy market and industry to create jobs, increase energy security, lower long term consumer costs, and protect our environment.

Colorado Energy Economy

Colorado experienced a **51.2% increase** in energy industry employment since 2003

This compares to **23.8% growth** nationally for energy industry employment

Colorado Energy & Natural Resources Job Growth



Source: Colorado Department of Labor and Employment, 2013

Colorado Energy Economy



#6 in U.S.
Percentage of electricity via wind
(AWEA; 2012)



#5 in U.S.
Percentage of Natural Gas Production
(EIA; 2011)



#5 in U.S.
Number of solar-based electric generation;
270 MW (2012; SEIA)



#11 in U.S.
In Coal (2011; National Mining Association)

Key Industry Network Initiative

- Rooted in the bottom-up approach
- Colorado Blueprint Economic Development Plan
 - Energy – 1 of 14 Key Industries
 - An in-depth conversation with industry to learn what we can do in partnership to grow it's presence here and improve the business environment in the state



Colorado
Energy Office



Colorado Department
of Public Health
and Environment

Key Industry Network - Timeline

Stakeholder Input
- Listening Sessions & Online Survey

July-August



Steering Committee
Tactical Group Meetings

August-September



Final Strategic Report

November



Listening Session Feedback

Regulations

- A need for state involvement in federal processes ensuring state level impacts are made visible and regulation stay local when possible
- Time consuming/complex permitting process for energy production development

Financing Gaps

- Mid-size generation projects have gaps at critical project development points
- Renters of commercial spaces and multifamily housing lack incentive options for financing efficiency upgrades

Education

- Lack of education/messaging on energy efficiency, renewable energy, traditional energy generation, production, transmission, and alternative fuel vehicles

Listening Session Feedback

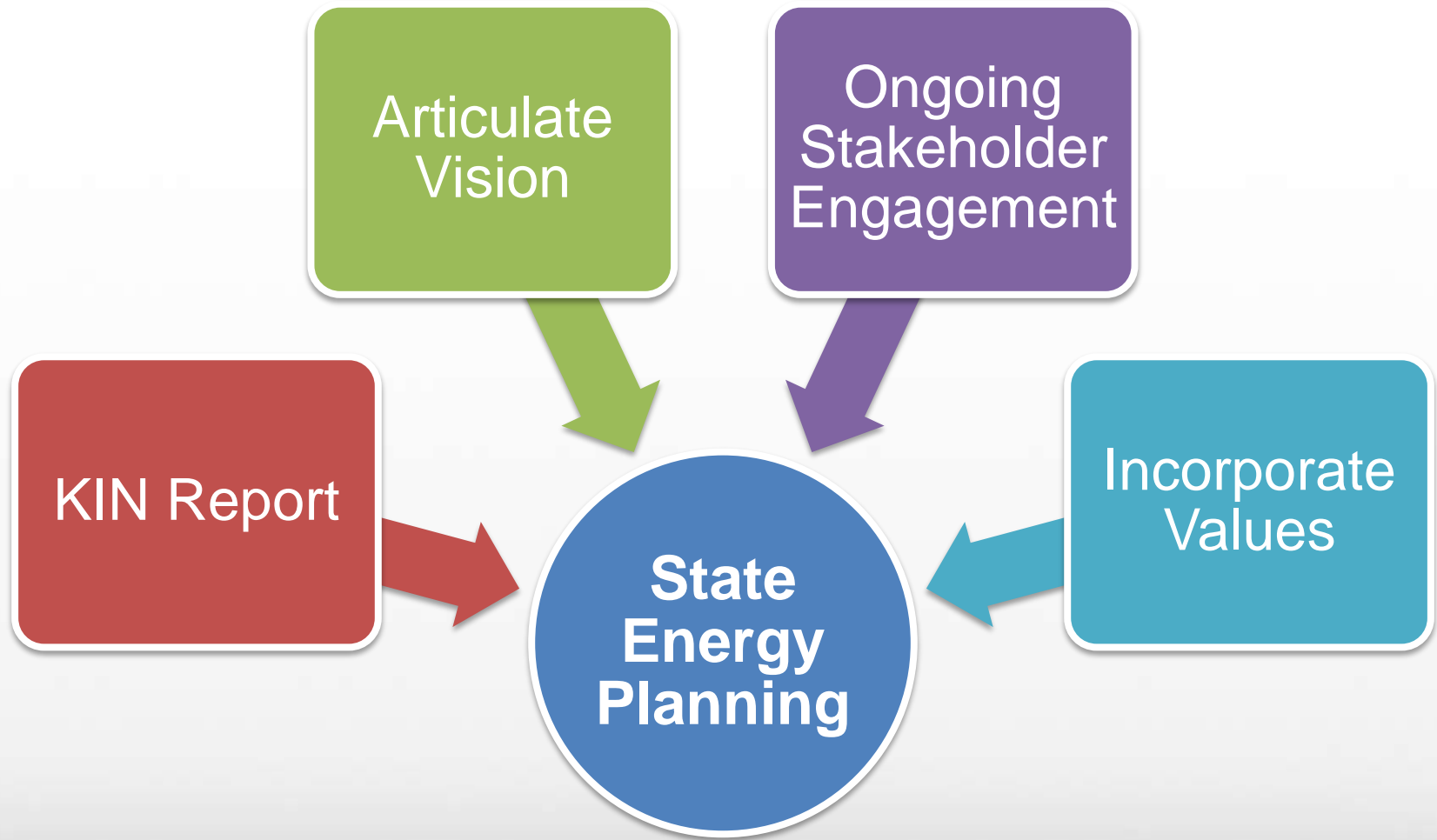
Workforce Development

- Adjust curriculum and Expand community colleges in rural areas
- Increase STEM curriculum in high schools across the state
- Provide non-credit certification courses for technical training

Collaborating on Innovation

- Satellite campuses of research institutions could be used to help technology testing and deployment
- Strengthen intellectual property protections at R&D facilities

Development Efforts – State Energy Plan



Contact Us

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