



ENERGY AND NATURAL RESOURCES



A business-friendly climate, intellectual capital, industry collaboration, and world-class research institutions drive energy job growth and innovation.

WHY ENERGY & NATURAL RESOURCES IN COLORADO?

The energy sector has been integral to Colorado's economy, and the state has been a national leader in championing clean energy technologies with significant private investment.

TOP 10

Colorado ranked in the **top 10 states** for both **installed solar capacity** and the **number of solar jobs** according to the Solar Energy Industries Association.

\$76.4M

Colorado is also consistently ranked in the top 10 states in CleanEdge's Clean Tech Leadership Index. In 2017, 24 Colorado-based clean tech companies secured **\$76.4 million in venture capital funding**.

1,900

One of the nation's leading wind producers, Colorado has 15 wind power equipment manufacturing facilities and roughly **1,900 installed wind turbines** that produced approximately 20 percent of the state's net electricity generation in 2017.

7TH

In 2016, Colorado was the **7th largest energy producer in the US**; it was 5th in natural gas production, 7th in crude oil production, and 13th in coal production.

1. Texas
2. Pennsylvania
3. Wyoming
4. Oklahoma
5. West Virginia
6. North Dakota
7. Colorado
8. New Mexico



SOURCES:
QCEW 2016, Annual Averages, Colorado
US Energy Information Administration
American Wind Energy Association
CleanEdge, Clean Tech Leadership Index, 2017

INDUSTRY FACTS

6.1K

NUMBER OF COMPANIES

75.2K

NUMBER OF EMPLOYEES

\$6.3B

TOTAL ANNUAL WAGES (2016)

4th

CLEANTECH EMPLOYMENT
CONCENTRATION IN THE US

PROFESSIONAL ASSOCIATIONS

- ◆ COLORADO OIL & GAS ASSOCIATION
- ◆ COLORADO CLEANTECH INDUSTRIES ASSOCIATION
- ◆ COLORADO MINING ASSOCIATION
- ◆ COLORADO SOLAR ENERGY INDUSTRIES ASSOCIATION



MAJOR ENERGY AND NATURAL RESOURCE COMPANIES



COLORADO ASSETS



LEADERSHIP

- Colorado's progressive policy initiatives, such as the 1st voter-led renewable energy standard in the nation and new financial incentives, support the state's balanced energy economy.
- Advanced Industries Accelerator Programs promote growth and sustainability in Colorado's advanced industries, including energy and natural resources.



GREAT NATURAL ASSETS

- Colorado has abundant sunshine and wind.
- Oil and natural gas have been a part of Colorado's history for over 150 years. The Niobrara, a formation roughly 82-87 million years old, stretches through Canada and New Mexico. Currently some of the most productive zones are in northeast Colorado.



A KNOWLEDGE-BASED ECONOMY

- Strong collaboration among Colorado's universities, educational institutions, and public agencies provide the foundational research and education for new cleantech innovations.
- The state's 30 federally funded research laboratories are vital assets. In 2014, the National Renewable Energy Laboratory's (NREL) research resulted in **440 U.S. patents in clean energy**, contributed **\$700.7 million to Colorado's economy**, and aided in the creation of **over 4,000 jobs**.
- Colorado has one of the nation's most educated workforces.

Overall Education	—————	3rd
Educational Attainment	—————	2nd
% of Associate Holders	—————	1st
% of Bachelor Holders	—————	2nd



SOURCE:
COGA, <http://www.coga.org/wp-content/uploads/2015/09/Fast-Facts-The-Niobrara.pdf>
www.metrodenver.org/d/m/3T6