

No. 1 BUSINESS FRIENDLY
TAX CLIMATE

WHY WYOMING

WHY DISA IS
DISRUPTING MINING
AS YOU KNOW IT p.9

WHY WE ARE THE
PROVING GROUNDS FOR
OUTDOOR GEAR p.2

WHY DEVELOPERS
ARE MOVING TO
OUR SANDBOX p.7

DISA FOUNDERS GREYSON
BUCKINGHAM AND JOHN LEE



BUSINESS COUNCIL

WHYWYOMING.ORG

WHY WYOMING

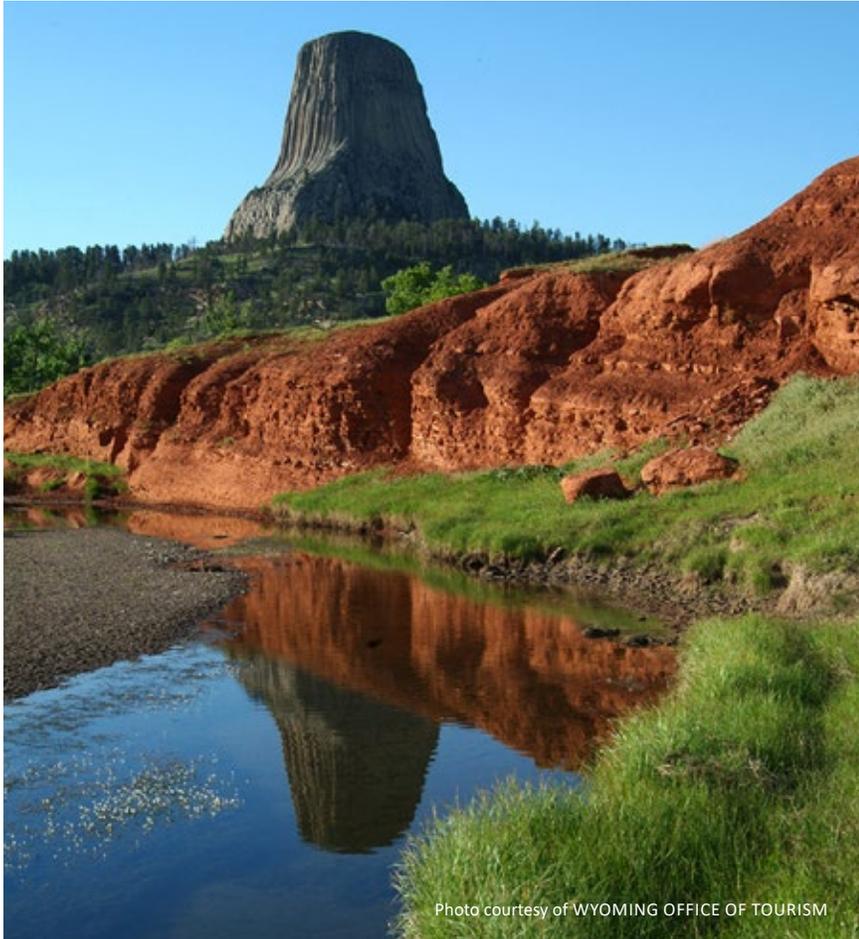


Photo courtesy of WYOMING OFFICE OF TOURISM

Wyoming is the most cost-efficient and lowest-cost business climate in the United States, where you can spend less and earn more.

We believe businesses in Wyoming make a difference—to their customers, to their employees, to their communities, and to the world.

Wyoming's values center around three core attributes:

Quality of Life –Yep, we have yoga, microbreweries, triathlons, and live jam sessions. Were you thinking Wyoming was all ATVs, fly fishing and rodeo? Well, they've gotten even better. But, so have the lattes.

Workforce – A rural workforce? No problem. Our higher education graduates have Wyoming in their blood, and those who have left want to come back. That's why world-class companies like Underwriters Laboratories, Microsoft, Weatherby, National Center for Atmospheric Research, Plenty and more have chosen Wyoming. They access an untapped supply of technical talent while creating new opportunities for future generations of Wyomingites.

Meaning – In Wyoming, you're more than just a number. Forget about shouting to be heard. Here, business leaders and policymakers are part of your team. The Governor knows you on a first-name basis. Don't be surprised to get a text back from him.

Wyoming is a right-to-work state. Only 6.5 percent of Wyoming's workforce are union members, compared to 10.5 percent nationally (U.S. Bureau of Labor, 2018).

The state's labor force of 309,000 people benefits from a strong commitment to education. Wyoming consistently ranks among the top 10 states in annual K-12 per-pupil spending (currently about \$16,440 per student).

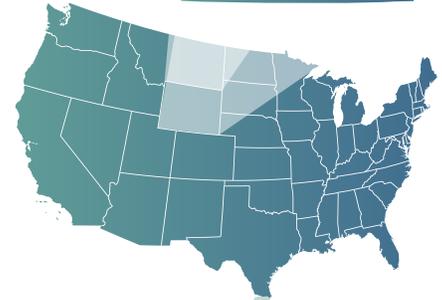
The percent of Wyomingites 25 and older with at least a high school diploma is 92.8. The percentage with a bachelor's degree or more is 26.7 (U.S. Census Bureau, 2013-17).

Wyoming is not unlike most states in facing an aging baby boomer population. However, Wyoming's second most populated age group is 30-39, and the state's median age of 37.5 is 15th youngest in the country (Wyoming Department of Administration and Information).

Low Tax Burden
NO corporate state income tax
NO personal state income tax
NO inventory tax
NO franchise tax
NO occupation tax
NO value-added tax



Wyoming State Capitol
Cheyenne



WYOMING FACTS

Population: 577,737 (2018)

Size: 97,814 square miles
(253,348 kilometers)

Capital: Cheyenne

Governor:
Mark Gordon

President of the Senate:
Drew Perkins

Speaker of the House:
Steve Harshman

ENDOW

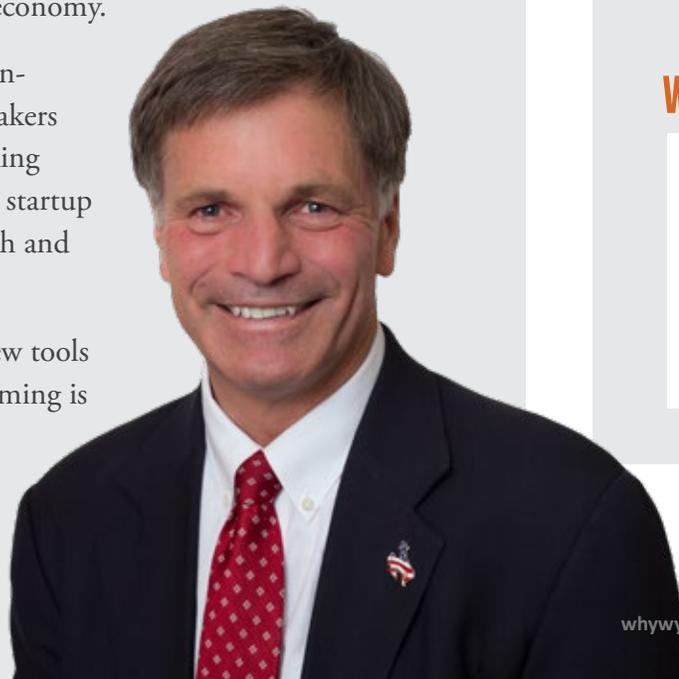


Since 2016, business leaders, policy experts and thousands of Wyomingites across the state have engaged in a frank and open discussion about the future of our economy.

From those discussions, a generation-spanning vision has formed. Lawmakers have responded with forward-thinking legislation surrounding broadband, startup capital, blockchain, exports, research and design and more.

Armed with a shared vision, and new tools for accomplishing that vision, Wyoming is embracing a new path forward.

GOVERNOR
MARK GORDON



**WHY WYOMING?
WATCH OUR VIDEO**



JACKSON, WYOMING

BURSTS ENTREPRENEUR ONTO NATIONAL OUTDOOR GEAR SCENE

DELIVERS OUTDOOR LIFESTYLE,
OPPORTUNITY FOR GROWTH



By BAYLIE EVANS | Writer

FOUR WINTERS AGO, KELLI JONES of Jackson, Wyo., hopped a barbed wire fence in the backcountry and tore a big hole in her brand-new puffy jacket. Turns out, that pesky barb would spawn a booming side hustle.

Outdoorsy types know the sinking feeling of tearing a favorite piece of gear, and they know the catch-all solution: duct tape. Square, boring, not-so-stylish duct tape.

“I was bummed,” she recalled “I was not putting a piece of duct tape on this jacket.”

She tinkered with different adhesives and fabrics in her garage. Eventually, she ended up with a permanent nylon patch that she – and others who don’t sew – could apply as easily as a sticker. And the patches could be made in fun shapes and colors. Not only had she repaired her favorite jacket, she’d added an extra touch of personality – a reflective heart on her sleeve.



Kelli Jones, founder of NOSO.



Photos courtesy of NOSO



"I still have that puffy jacket from 2015," she said. "It's my warmest one."

After searching around for something like what she created, she discovered she had stumbled upon something new.

"Why isn't this a thing?" she remembered thinking. "Well, I'm going to make it a thing."

That's when NoSo Patches was born.

She dove in, while keeping her accounting day job. She opened an online shop and – armed with her "bubbly" personality, she said – introduced herself and her product to anyone who would listen.

She even used Business Council incentive grants to attend

trade shows, where she met a representative from a Swedish company with lots of scrap fabric headed to the landfill. She rescued the fabric, made more patches from it and kept lots of damaged gear out of landfills, too.

NoSo also received a \$50,000 Kickstart:Wyoming grant to bolster its marketing efforts.

Besides the convenience, the personality and the fact that her customers get to keep their favorite gear, "people love the sustainability story," she said.

Her patches are sold in 150 specialty shops and in all REI stores. Jones is working with a company (it's still top secret, but it's "big", she says) to provide her patches with the purchase of gear, just like you often get an extra button when you buy a shirt.

The patches continue to receive positive reviews by customers and gear testers, and the outdoor industry recognizes Jones as an up-and-comer. Outside Magazine featured Jones and the Wyoming Business Report

nominated her for its Women of Influence award.

She has a small, creative team working with her. The patches are manufactured in California, but the design, development and distribution happens in Jackson.

She's currently looking to hire a partner and make her side-hustle a full-time gig in the coming months.

"I've proved the concept now, so I think it's time to really make a go of it," she said.

**WHY WYOMING?
WATCH OUR NOSO
VIDEO**



FIND YOUR

EPIC

OUTDOOR ADVENTURE



WYOMING
OUTDOOR RECREATION

WYOUTDOORREC.ORG

For more information, contact: Ashley Rooney, Manager, Wyoming Outdoor Recreation Office | 307-777-6560 | ashley.rooney@wyo.gov

Outdoor Recreation



Industry Leaders

The BRANDNEW Award from ISPO Munich, the world's largest outdoor sports expo, went to DMOS Collective, a lightweight, durable shovel maker in Jackson. More than 85 distributors throughout North America now carry the company's gear.

NoSo Patches, a Jackson startup, just received \$50,000 in Kickstart grant funding.

The National Outdoor Leadership School in Lander teaches 26,000 students a year.

The Wyoming Outdoor Recreation Office enhances and expands the outdoor recreation industry and improves infrastructure and access in Wyoming.

BUSINESS CLIMATE

- ▶ **NO** income, corporate or manufacturing sales tax
- ▶ **LOW** sales and property tax
- ▶ **10** commercial airports
- ▶ **2 Class 1 railroads** and **3 interstates** crisscross Wyoming
- ▶ **11.3 million** customers within 8 hours of Wyoming
- ▶ **Incentives** include infrastructure grants, loan programs and workforce training grants

\$5.6 BILLION

CONSUMER SPENDING ON OUTDOOR REC



#2 INDUSTRY IN WYOMING IS TOURISM



50,000 jobs created by outdoor rec - more than oil, gas, mining and extraction combined



57% of outdoor businesses plan to expand by 2021



#1 per capita in outdoor recreation participation

OUTDOOR REC STATS

#1 ski destination in the U.S. — Jackson Hole Mountain Resort

7.5 million annual visitors to Yellowstone and Grand Teton National Park

94% of Wyomingites call public lands essential to Wyoming's economy.

74% of Wyomingites say the state's public lands help attract high-quality employers and good jobs.

<http://www.ourpubliclands.org/public-lands-report-wy>

48.4% of Wyoming, more than 30 million acres, is federal land.

<https://fas.org/sgp/crs/misc/R42346.pdf>

41 State Parks and Historic sites encompassing 49,400 acres of public lands.

Favorable Culture and Climate



CULTURE

Wyoming enjoys easy access to national and state parks, year-round recreational opportunities, open spaces and events. Here, recreation and economic opportunity are connected.

Wyoming recognizes investing in outdoor recreation attracts employers and active workforces.

“

I sold a hatchet to the governor. The state Senate president loves my products. Wyoming is a small town with long streets, and it's amazing to have this kind of access to government leaders, speak my mind, and have them listen.”

— Michael Jones, Fremont Knives

CLIMATE



The sun shines 60% of the time in winter and 75% in summer.

Outdoor products made in Wyoming include: hunting and shooting accessories, fishing lures & flies, knives, optics, outdoor gear & clothing.

“

In Wyoming, we want unique. We want the right gear, the best gear, because we are using it in extreme conditions. We are discerning in how and when we spend our money, and so are our customers.”

— Cade Maestas, founder of Maven Optics

Learn more about Wyoming at whywyoming.org



Wendy Lopez
Business Recruitment Manager
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Global research teams are competing for \$20 million in prizes from the NRG COSIA XPrize. Wyoming Integrated Test Center at the Basin Electric Power Cooperatives Dry Fork Station.

Photo by Ben Peterson

Embracing the NEW ECONOMY

By BAYLIE EVANS | Writer

Wyoming's bounty of natural resources has positioned the state with a stable financial outlook, thanks to the nation's largest sovereign wealth fund, and a low-tax, business-friendly regulatory framework. That foundation is now providing the lift Wyoming needs to embrace the emerging technology economy. Here's just a few ways Wyoming is leading the way.

New uses for old resources

Wyoming is the nation's No. 1 coal producer, and state leaders are proactively laying the foundation for the private sector to find innovative uses for both the coal itself and the carbon it produces.

The state helped build a \$21 million state-of-the-art carbon capture research facility in Gillette called the Integrated Test Center. That facility currently hosts five NRG COSIA Carbon XPrize finalists competing for \$20 million in prizes.

At the same time, Wyoming provided \$250,000 to Carbon180, a world-first accelerator focused on the \$1 trillion carbon tech market. The program provides support to early-stage companies with scalable technical promise.

Building blocks

Wyoming took first mover's advantage in the blockchain space by passing 13 industry-related laws that establish a regulatory framework for blockchain developers to experiment and thrive within the state. The moves have already reaped returns. Companies like Overstock.com, Active Aether, NODE Haven and Cardano have already expanded or relocated their headquarters to Wyoming.

The excitement around blockchain fueled the state's first-ever hackathon, a three-day event which drew more than 400 competitors from the United States, Kenya, China, Egypt, Slovakia, Switzerland and Canada to the University of Wyoming for a chance to win \$100,000 in prizes.

Wyoming-based Beefchain has garnered international attention as the first USDA approved company using blockchain-technology to track beef from birth to the steak on your plate. Their product can already be found in high-end restaurants in Taipei, Taiwan.



Photo by Ben Peterson

Wyoming startup Beefchain allows consumers to track their beef from pasture to plate using blockchain technology.



Photo by Baylie Evans

More than 400 developers from around the world converged for the University of Wyoming's first Hackathon.

A SAMPLING OF WYOMING BLOCKCHAIN BILLS

- **HB 126** permits the formation of "Series LLCs"
- **SF 111** provides that virtual currency is not subject to taxation as "property" in Wyoming
- **HB 70** exempts tokens from securities and money transmission laws
- **HB 57** creates a financial technology sandbox to test innovative services and products

BILLIONS

in Investments

Several large energy projects are on the horizon or completed in Wyoming including:

- The 1,000-turbine Chokecherry and Sierra Madre Wind Energy Project to be located south of Rawlins and Sinclair in south-central Wyoming. It will be the largest wind farm in the U.S.
- The TransWest Express transmission line from south of Rawlins to southern Nevada.
- The Integrated Test Center at Basin Electric's Dry Fork Station coal-fired power plant north of Gillette, Wyoming, provides a lab for carbon-capture research.

YOU CAN

Make it in Wyoming

Manufacturing companies are increasingly finding Wyoming to be the place to set up shop. Wyoming manufacturing employment grew 12.6 percent between December 2009 and December 2016. Wyoming also has abundant power for manufacturing companies, generating almost 4 million MWh, while consuming only 15% of that energy.

Manufacturing Sales Tax Exemption

The sales tax burden is exempt on the sale or lease of machinery to be used in the state of Wyoming directly and predominantly in manufacturing tangible personal property.

Sales Tax Exemption on Electricity Used in Manufacturing

The sales tax burden is exempt on sales of power or fuel to a person engaged in the business of manufacturing, processing or agriculture when the same is consumed directly in the manufacturing process.

Positive Regulatory Support

The state of Wyoming has worked hard to create a strong, efficient and sensible regulatory environment that reflects its commitment to energy and mining. In addition, many Wyoming companies take advantage of the industrial revenue bonds from the state. For more information about industrial revenue bonds, visit our website: wyomingbusiness.org.



Photo courtesy of L&H INDUSTRIAL

Entrepreneurs and tech giants alike

By BAYLIE EVANS
Writer

MAKE WYOMING HOME



Photo by Andy Greenman

Summer Wasson shows off Cheyenne, one of the 31 most powerful supercomputers in the world, at the National Center for Atmospheric Research in Cheyenne, Wyoming.

Wyoming has long been known as a natural fit for the data center industry – Microsoft has invested nearly a billion dollars expanding within the state, and the National Center for Atmospheric Research attracts world-class international research – but true to its roots of rugged individualism and a streak of fierce independence, Wyoming is investing to build a robust tech economy in every corner of the state.

Through new programs like Kickstart:Wyoming and the SBIR Matching Grant, Wyoming has partnered with private industry mavens to make many small bets on tech startups with heaps of promise.

“We’re a new, innovative material liberation and separation company,” DISA co-founder John Lee said.

Lee and his partner, Greyson Buckingham, have developed a novel technology to allow energy



Photo courtesy of DISA

DISA founders Greyson Buckingham and John Lee.

and mining companies to improve efficiency, lower costs and reduce waste.

“The mining and reclamation industry hasn’t changed for over 100 years,” Lee said. “We’re hoping

DIVERSE TECH SECTOR EMERGES

The NCAR-Wyoming Supercomputing Center went online in 2012 in Cheyenne. The National Center for Atmospheric Research’s 4.8-petaflop Cheyenne Supercomputer is one of the world’s fastest big-data computers.

Thanks to the Wyoming-NCAR Alliance, a portion of the Cheyenne systems, about 75 million core-hours per year, is reserved for University of Wyoming-led projects in the atmospheric, earth system, geological and related sciences.

The \$100 million project was funded with public, private and federal facility monies.

The supercomputing center served notice that Wyoming – with its low cost of doing business, ample space and temperate climate – is the place to be for tech-related businesses.

Microsoft began developing data centers west of Cheyenne in 2012 and has now invested nearly a billion dollars.

Other data-centric companies located or operating in Wyoming include:

- **EchoStar**
- **Green House Data**
- **Mountain West Technology Network**
- **Ptolemy Data Systems**

Additionally, international safety science company Underwriters Laboratories expanded to Laramie in 2014 after researching 17 locations nationwide. The office houses UL’s technology development and support services for enterprise applications and global clients in the technology sector.



Casper-based startup Disa is disrupting the minerals industry.
Photo courtesy of DISA

to shatter the status quo with Disa. We're looking to disrupt traditional comminution technologies that are only 2-3 percent efficient and consume approximately 4 percent of total global energy."

"The total addressable market for this tech is mind blowing," Buckingham said. "We have the opportunity to drastically reduce costs and environmental waste in industries such as uranium, iron, gold, silver, vanadium, hydrocarbon reclamation, abandoned uranium mine reclamation, rare earth elements, copper and the list goes on and on."

As Wyoming natives, doing their part to diversify the state's economy is an important part of their overall goal, Lee said.

"We're in the energy space, but we're not cyclical with the energy industry," he said.

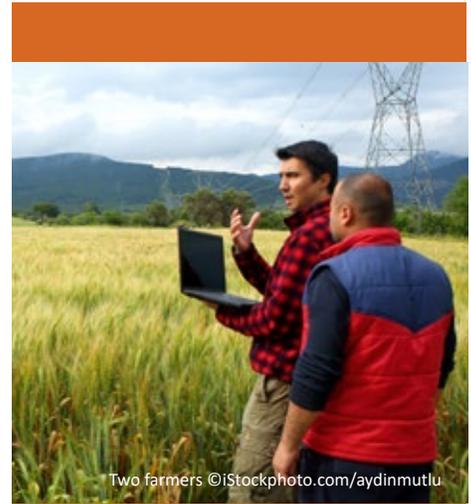
To date, they have already invested significant capital in Wyoming to develop the technology. They plan to employ at least 20 more people in the next year or two; ideally, University of Wyoming geology and engineering graduates.

Casper's centralized location and business-friendly environment provides a perfect headquarters, Buckingham added.

"We have no intentions of ever leaving Casper," he said. "It has everything we want and need. We're happy here, and it's a great base to further prove our technology."

Both men said they were grateful for the support they've received in Wyoming. In addition to the Kickstart grant money, they placed in the Ellbogen Entrepreneurship Competition and won the Casper Startup Challenge. Those awards provided them with a year of free office space at the Casper Technology Business Center, where they've received support and mentorship from fellow entrepreneurs.

**WHY WYOMING?
WATCH OUR DISA VIDEO**



Two farmers ©iStockphoto.com/aydinmutlu

GET CONNECTED

The foundation of Wyoming's burgeoning tech economy is a fast, reliable, redundant broadband infrastructure.

The state's Unified Network, a \$15 million, 100-gigabit, redundant, statewide network backbone, has helped Wyoming achieve No. 1 status for K-12 school connectivity.

Wyoming has also established an \$11 million broadband infrastructure grant program; a first-of-its-kind internet speed mapping test that tracks performance to the land parcel; and a statewide broadband plan with aggressive measures for speed, latency and reliability.

Local internet service providers continue to upgrade their products, and new gigabit cities are coming online in Wyoming on a regular basis.

The state's 16 long-haul fiber trunks are vital to Wyoming's data center industry, and help connect Wyoming to the rest of the world.

Data & Information Technology



Success Stories

5.34 quadrillion

Calculations per second the new “Cheyenne” supercomputer at the **NCAR-Wyoming Supercomputing Center** is capable of. More than 2,200 scientists from 300 universities have used the facility’s processing power for complex research into climate change, air quality, solar energy, streamflow and severe weather since the center opened in 2012. The agency has invested more than \$83 million and created 20 jobs.



\$1 billion +

Capital investment by **Microsoft** since 2012. The tech giant has expanded five times, and created 67 jobs.



\$35 million

Invested by **Green House Data** in its latest expansion in Cheyenne. The company now owns 10 data center sites across the nation and employs 27 people in Wyoming.



66.5%

66.5 percent of Wyomingites have access to broadband 100mb or faster. Visit: wyobbmap.org.

\$2.25 MILLION

\$2.25 million data center cost reduction grants available to reimburse utility expenses over three years.



Permit exemption



Data centers are exempt from Industrial Siting Permits. Shave \$500K and 18 months off new projects.

Training grants



Up to \$4,000 per employee available for training employees for new positions.

Sales tax exemption



on data center equipment, HVAC and UPS for qualified data centers.

DATA AND IT STATS

100GB service available to every school and state government facility in Wyoming

800 schools and state agency offices connected to the Unified Network, a redundant loop with IP Version 6 and 100 gigabits of bandwidth.

100% of school districts doubling the 100 kbps per student goal set by the Federal Communications Commission.

\$15.8 million invested by Wyoming to bring 100 gigabit bandwidth backbone to Wyoming school districts and state agencies.

21.4% expected demand growth for Security Systems Analysts in Wyoming through 2024.

Wyoming Telecoms

16 telecommunication providers near I-80 and throughout the state. Wyoming boasts numerous long-haul fiber routes and the state is adopting broadband at the fastest rate in the nation.

Advantages

Current wind energy production sits at **15th** with **1,490 megawatts**, but the world's largest wind project, the **Chokecherry—Sierra Madre**, is nearing the construction phase.

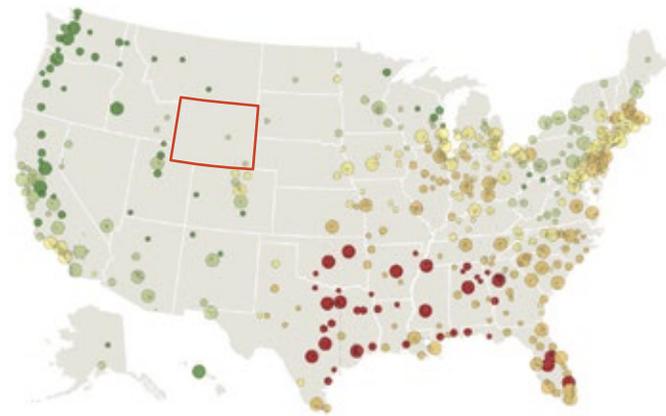


7th in wind potential in Wyoming

Climate Profile: Closer to the clouds is cooler for business.

Wyoming's climate, characteristically cool and dry, is much more comfortable than the national average. On average, Wyoming claims the lowest number of cooling days (more days below 85 degrees) in the region, and at an average altitude of 6,000 feet, the temperature in Wyoming rarely exceeds 100 degrees F. For most of the state mean maximum temperatures in July range between 85 and 95 degrees F.

Low Disaster Risk
While natural disasters can happen anywhere, Wyoming is relatively bullet-proof when it comes to usual threats such as earthquakes and tornadoes. Our central location keeps the state safe and your business up and running.



Metro area population
● Less than 175,000
○ 175,000 to 500,000
○ More than 500,000

Scale of hazards
Lower → Higher

By Matthew Ericson, Joe Burgess and Bill Marsh/The New York Times
Sources: Sperling's Best Places;
National Oceanic and Atmospheric Administration (tornado map);
University of Miami (hurricane map);
U.S. Geological Survey (earthquake map)

Learn more about Wyoming's Data and IT industry at whywyoming.org.

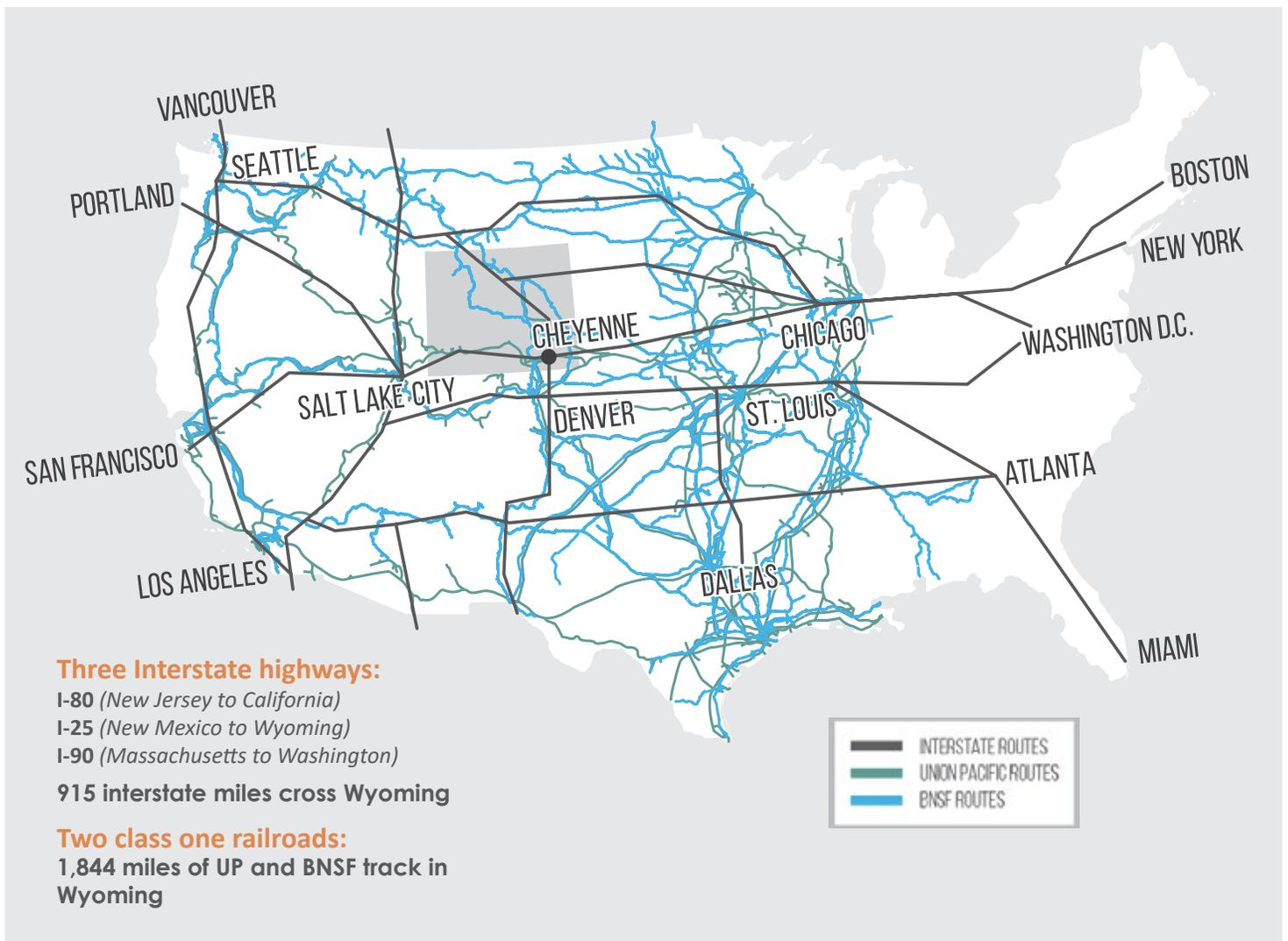


Wendy Lopez
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Crossroads of the

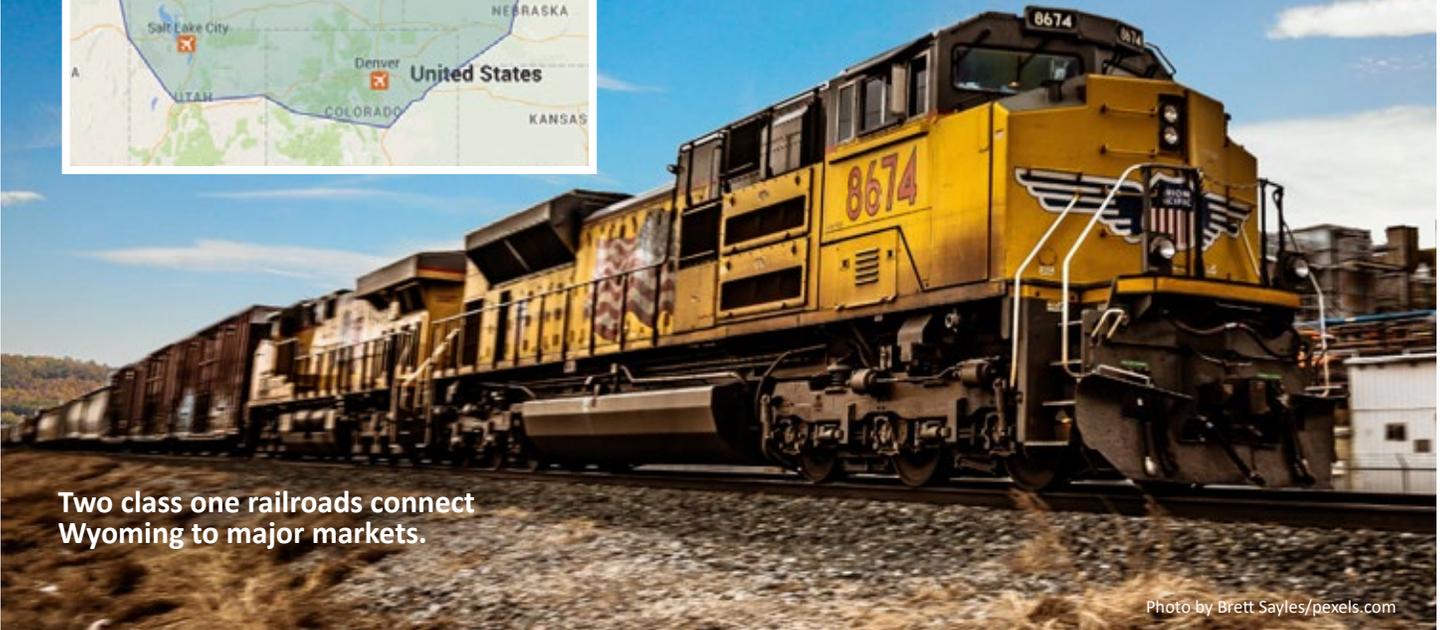
Wyoming is located at the crossroads of the West. You will find ready access to major consumer markets, and to materials and resources your business needs to operate.



8 HOUR RADIUS FROM GEOGRAPHIC CENTER



11,307,444 consumers can be reached within an 8 hour drive of the center of Wyoming.



Two class one railroads connect Wyoming to major markets.

Photo by Brett Sayles/pexels.com

AIRPORTS IN AND NEAR WYOMING



Photo by jeshoots-com/unsplash.com

There are 10 commercial airports in Wyoming, with final destination service to major cities around the world. Three major international airports about the state in Billings, Montana; Denver, Colorado; and Salt Lake City, Utah.



Photo by Andy Greenman

QUALITY OF LIFE
#1 BEST STATE
TO MAKE
A LIVING

MoneyRates.com (2019)

Why make WYOMING HOME?

Wyomingites consider their state one small town – with a really long Main Streets.

Here, we take care of each other, and everybody knows everybody. That means unprecedented access to government leadership and state regulators who want you to succeed.

We value education, and we invest the most money per student to prove it. Wyoming is pressing for 67 percent of the state’s workers to hold a post-secondary degree or certificate by 2025. New legislation

mandates every student in the state have an option to take computer science to meet graduation standards by 2022.

And when school’s out, there is no better playground than Wyoming. The state receives six million tourists a year for a reason. We boast two national parks, one of the top-rated ski resorts on the continent, five national forests, 12 state parks and countless acres of public land to hunt, fish, bike, hike and climb.



Photos courtesy Wyoming Office of Tourism



WYOMING WIND

swirling with potential

By TOM DIXON
Content Marketing Manager



Wind turbine sunset ©iStockphoto.com/sharply_done

In Wyoming, the wind rushes ceaselessly down the flanks of glacier-capped peaks onto the open prairie.

On those windswept plains is the potential for the nation's next renewable energy boom. Nearly 40 percent of the country's class 5, 6 and 7 inland wind resources can be found in Wyoming.

National energy provider Rocky Mountain Power recently unveiled Energy Vision 2020, a \$3.5 billion project to add new wind generation, upgrade existing wind farms and construct new transmission.

Among those projects is the Chokecherry Sierra Madre. When finished, the Chokecherry project will be the world's largest wind project. Developers anticipate harnessing 3,000 megawatts of energy. Four more projects underway are anticipated to add an additional 3,140 megawatts to the grid.

Carrying all this power will be the Transwest Express, a 750-mile transmission line across the American West to California.

Wyoming's wind boom is also sparking innovation by local entrepreneurs.

Logilube, a Laramie-based tech company focused on predictive data analytic solutions for the wind, oil and gas industries, was born in the University of Wyoming's incubator. It quickly outgrew the space and now employs 17 people.

The company's newest product, "SmartGear," monitors wind turbine drive trains in real-time to report on fluid conditions, vibration condition and lubricant consumption.

Real-time condition-based monitoring, combined with fleet-wide data analytics and real-time reporting, helps wind park operators avoid costly downtime and unnecessary maintenance. Maintenance plans previously based on a calendar schedule can now be tailored to be implemented on an "as-needed" basis.

"The resulting innovative solutions could greatly enhance the reliability of wind energy equipment, further reducing the leveled cost of electricity," said LogiLube CEO Bill Gillette.

AirLoom is another university incubator graduate seeking to disrupt the wind industry as we know it. Backed by more than \$1 million in

grants from the National Science Foundation and the Wyoming Business Council, the state's economic development agency, the startup is developing a system 23 times lighter and 15 times cheaper than today's wind turbine technology.

The system uses small gliders that act as hybrids of kites and horizontal-axis wind turbines that travel along an oval track, where they continuously capture energy from wind. Magnets are mounted on each moving glider. The magnets create an electric current. AirLoom's product sits much lower to the ground than the giant turbines people are used to seeing along the nation's highways and interstates.

"Either it changes the world, or I've wasted a lot of time," founder Robert Lumley laughed. "If I am giving a speech in 10 years and giving a TED Talk, I would tell any entrepreneur to move to Laramie. I-80 is right there. Denver International Airport is two hours away," Lumley says. "Some people don't like the windy days. I know the trucks on I-80 don't. But, I do."

**WHY WYOMING?
WATCH OUR
LOGILUBE VIDEO**



Wind Energy



Wind in Wyoming

Energy Leader

Wyoming is known as the “Energy State,” and for good reason. With an abundance of natural resources, Wyoming consistently ranks high in traditional, and now emerging, energy sources including wind. The “Energy State” was named by the National Renewable Energy Laboratory (NREL) as first of 11 states in the Mountain West and Pacific Northwest regions for Developable Nameplate Wind Power Production by Class.

Potential

There are 8 gigawatts (GW) of proposed but undeveloped wind energy in Wyoming, and 472 GW of technologically possible capacity. The proposed 8 GW is enough energy to power almost 6 million homes, 20 times the number of households in Wyoming.

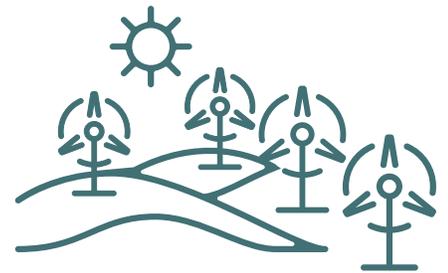
Environment

With a tax climate extraordinarily favorable for business, higher education programs to develop a workforce skilled in wind energy technology and wind resources consistent with utility-scale production, Wyoming is poised to be a leader in the wind power industry.

MANUFACTURING SALES TAX EXEMPTION

The sales tax burden is exempt on the sale or lease of machinery to be used in the State of Wyoming directly and predominately in manufacturing tangible personal property. In addition, power or fuel purchased for manufacturing or agriculture is exempt from sales tax when consumed directly in the manufacturing process.

8 GW
**PROPOSED/
 UNDERDEVELOPED
 WIND ENERGY***
TO POWER 6M HOMES†



472 GW**
 of technologically possible capacity
\$1 billion†
 in investment
\$9 billion†
 in new economic activity
\$4 billion†
 in income
68,000†
 job-years
\$2.5 billion†
 in new tax revenue

Building upon this activity and addressing critical infrastructure and policy issues to leverage Wyoming’s outstanding wind resource is a prospective opportunity to drive diversification, jobs, and revenue.

src: *Center for Energy Economics and Public Policy, Oct 2, 2017, Rob Godby
 ** Wind Energy Technology Office. U.S. Department of Energy
 † Center for Energy Economics and Public Policy, Sept, 2016, Rob Godby

WIND STATS

IN THE UNITED STATES

40% of class 5, 6, and 7 inland wind resources in U.S. with 116, 670 MW potential



src: NREL

1st for new renewable energy development

src: www.ucsusa.org/EnergyProgress

“Wyoming may dominate coal production in the country, but it also handily leads in terms of renewable energy being built on a per-capita basis as the state harnesses its great wind resources.”

src: www.ucsusa.org/EnergyProgress

6th in wind capacity potential

src: Wind Energy Technology Office. U.S. Department of Energy

15th current wind energy production at 1,410 MW

src: Wind technologies market report 2015

Wyoming's Wind Projects

6,140 MW
PROPOSED TOTAL
“NAME-PLATE” CAPACITY

GENERATION PROJECTS

Wyoming's top five large proposed wind projects, including:

1	Chokecherry Sierra Madre	3,000 MW
2	Pathfinder Wind Project	2,100 MW
3	Invenergy Wind Project	120 MW
4	Pioneer Wind Park	80 MW
5	Viridis Eolia Wind Project	840 MW

The total “name-plate” capacity of these five proposed projects is **6,140 MW**. The proposal north of Medicine Bow would be the world's biggest wind project.

src: University of Wyoming study from 2016

ROCKY MOUNTAIN POWER

A 20-year plan was announced on April 4, 2017.

- Upgrading existing wind assets.
- Beginning construction on **Gateway West transmission line**.
- Constructing up to **1,100 new MW of wind projects** primarily in Wyoming by 2020.
- Constructing **859 additional MW**.

TRANSWEST EXPRESS

Plans to build a **730-mile transmission line** across the American West would include **1,000 wind turbines** to be built near Rawlins generating more than **2,500 MW**.



Learn more about Wyoming's wind energy at www.wyomingbusiness.org/windenergy.



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MANUFACTURING THRIVES IN WYOMING

By TOM DIXON
Content Marketing Manager



WEATHERBY®

Firearms manufacturer Weatherby, Inc., opened its new world headquarters in Sheridan, Wyoming, in Summer 2019.

The move is expected to create 70 to 90 jobs and more than \$5 million annually in payroll in the next five years.

Outdoor recreation is an economic driver in Wyoming, and manufacturing plays a vital role in any economy, according to Shawn Reese, chief executive officer of the Wyoming Business Council.

“So, to bring those two things together – an internationally-known manufacturer of outdoor equipment headquartered in Wyoming – it will pay dividends, not only to Sheridan and northeast Wyoming, but this is a project of which the entire state should be proud,” Reese said.

Wyoming wooed the renowned rifle maker with its expansive access to unrivaled big game hunting, low



ADAM AND BRENDA WEATHERBY

Photo courtesy of WEATHERBY



Photo courtesy of WEATHERBY

The Wyoming Business Council provided a \$12.6 million grant for the construction of Weatherby's 100,000 square foot headquarters and manufacturing facility in Sheridan, Wyoming.

taxes, industry-friendly environment, Sheridan College's workforce training program and a comprehensive incentives package.

"We wanted a place where we could retain a great workforce, and where our employees could live an outdoor lifestyle," said Adam Weatherby, chief executive officer. "We wanted to move to a state where we can grow into our brand. Wyoming means new opportunities. We are not interested in maintaining; we are growing."

Wyoming's sales tax exemptions on the equipment and electricity used in the process of manufacturing, along with the state's lack of personal or corporate income tax, coupled with low sales and property taxes made the decision even easier for Weatherby.

What stood out more, however, was the unparalleled access to the state's decision makers, and the business-friendly approach of Wyoming's policymakers.

"From the get-go, when we met the governor, he said, 'Here's my number, shoot me a text any time,'" Weatherby said. "He responds to our needs quickly, and it shows a business like ours is important to Wyoming and that it's a big deal here."

Business Council staff took Weatherby officials on tours of

potential sites for their facility around the state following the initial conversations.

Sheridan stood out to Weatherby executives because of its access to both the outdoors and a skilled workforce.

"There are a lot of great places in Wyoming, but Sheridan stood out as a New West community that's progressive and growing, with a

vibrant downtown in the shadow of the Bighorns and a mild climate," Weatherby said. "Sheridan College, which is growing its manufacturing and machine tool program, was also a deciding factor."

Weatherby joins a host of other companies expanding at a blistering pace. In the same business park, aerospace manufacturers Vacutech and Kennon plan to add an additional 115 workers and 80,000 square-foot of manufacturing space for their new headquarters.

**WHY WYOMING?
WATCH OUR
WEATHERBY VIDEO**



Photo courtesy of WEATHERBY

Manufacturing



Vacutech



Success Stories



McGinley

777

Vacutech is designing an extraction engine for the new Boeing 777 jet engine. The 130-person company is expanding its Sheridan headquarters to accommodate an additional 76 workers in the next few years.



Kennon

20%

Growth expected by Kennon when its three latest engineering efforts for the Navy and Air Force come online. The company anticipates doubling its workforce in the next five years to meet demand.



Craftco

407

Jobs created by Magpul since moving manufacturing operations to Wyoming. The company is the exclusive provider of magazines for the Marine Corps.



Extherid

30

Patents held by McGinley Orthopaedics, a medical equipment manufacturer located in Casper, Wyoming. McGinley builds industry-first orthopedic drills for surgeons.

WYOMING

BY THE NUMBERS

#1 BUSINESS FRIENDLY TAX CLIMATE



4.2% year-over-year growth in manufacturing



47% growth in manufactured goods exports



#2 state to start a business



#3 in startup activity



#4 for small business policy



L&H Industrial

RELOCATION INCENTIVES

MANUFACTURING SALES TAX EXEMPTIONS

The sales tax burden is exempt on the sale or lease of machinery or sales of power or fuel used in the manufacturing process.

FOREIGN TRADE ZONE

Located in the center of Wyoming along I-25, with an international airport at its heart, Natrona County is a designated Foreign Trade Zone. This means products stored, packaged, assembled, made, cleaned, sorted or graded there are exempt from customs duties or taxes.

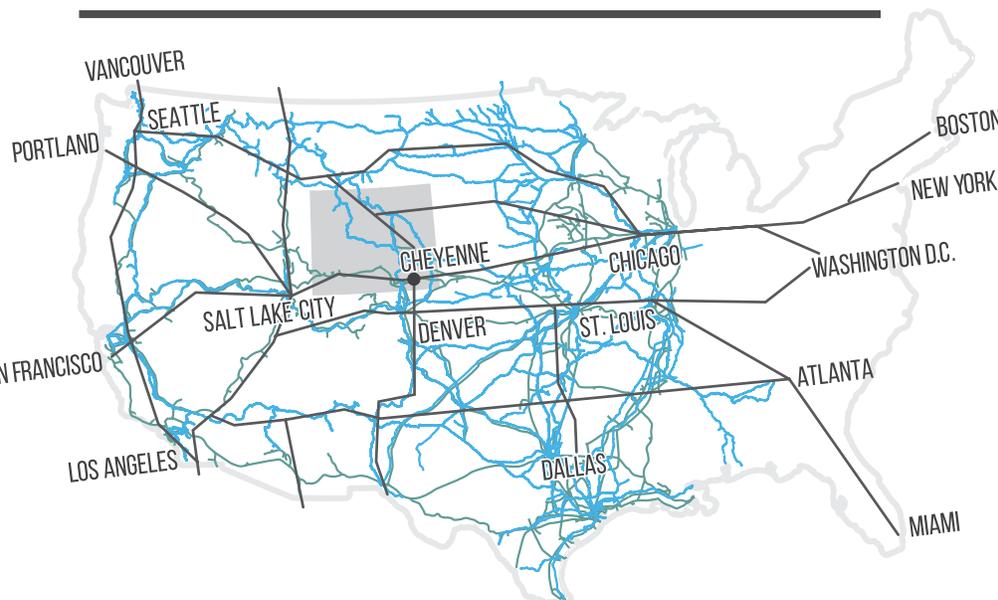
OPPORTUNITY ZONES

Wyoming couples the federal opportunity zones, which allow investors to defer capital gains taxes, with additional benefits no state can match: **NO** personal or corporate income tax and **LOW** sales and property taxes

FINANCING

Infrastructure grants, participation loans, large project loans, workforce training grants and equipment financing are all available to companies looking to expand or relocate in Wyoming.

ACCESS TO THE NATION



CROSS-CONTINENTAL INTERSTATES

915 miles of interstate, including two cross-continental interstates – **I-80** and **I-90** – plus **I-25**, which stretches from near the northern border of the state to New Mexico.

11,300,000 CUSTOMERS

live within 8 hours of Wyoming.

CLASS 1 RAILROADS

Burlington Northern Santa Fe and **Union Pacific** run a combined 1,844 miles of track

10 COMMERCIAL AIRPORTS

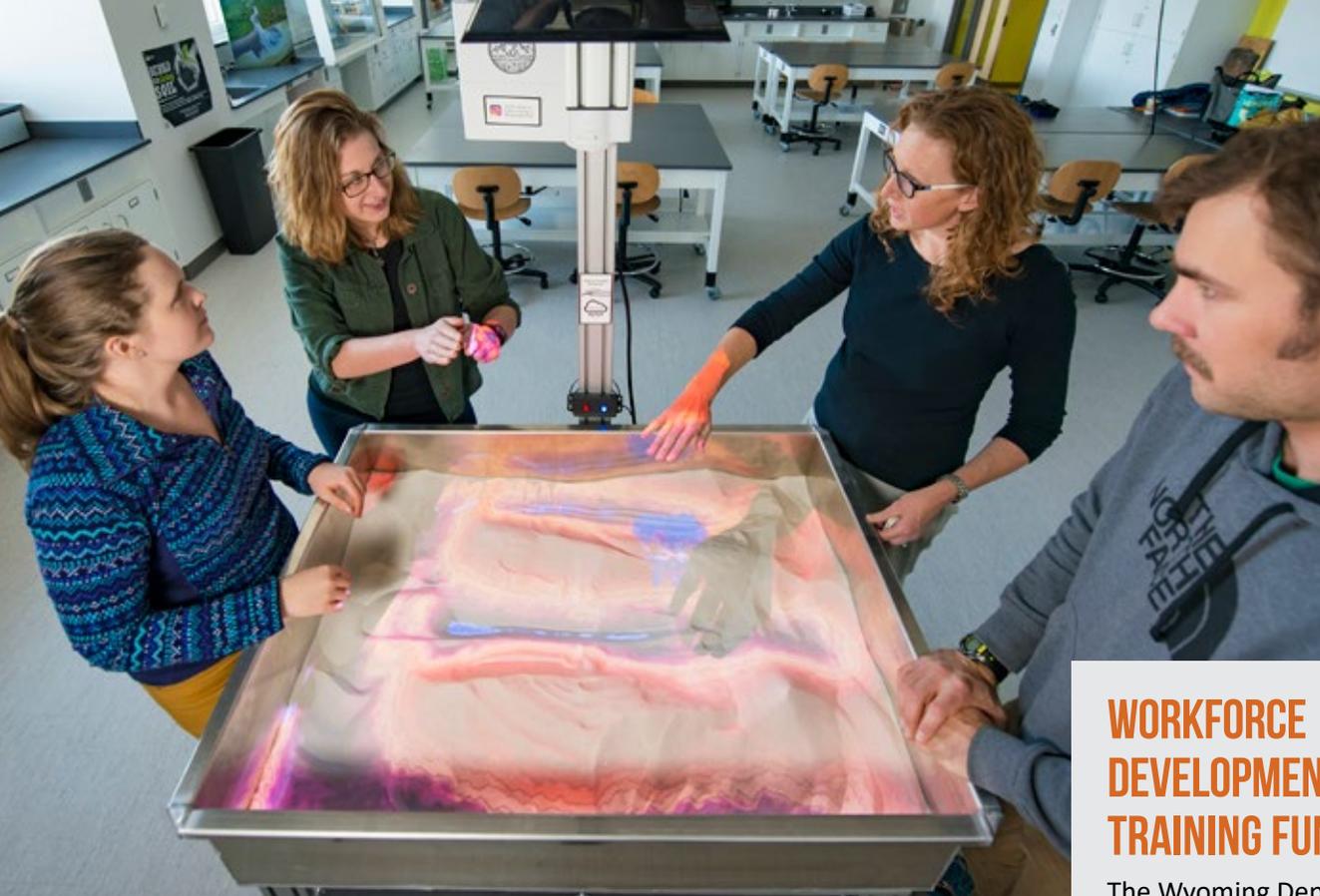
and Wyoming is close to international airports in Salt Lake City, Denver and Billings.

Learn more about Wyoming at whywyoming.org



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The new \$50 million Michael B. Enzi S.T.E.M. facility provides 32 labs equipped for chemistry, biology, physics, mathematics and computer science.

WYOMING **INVESTS** in its people

Wyoming recognizes what makes a well-run business successful: Its people.

Wyoming is in the enviable position of being able to invest in both its workforce of today and its workforce of tomorrow.

The state's population has been growing at nearly twice the U.S. average the past five years, and its labor force is growing nearly six times as fast as the national average. This signals the availability of a solid labor force of skilled workers for businesses now and in the future.

Low-Cost, High-Impact Education

There's a reason Forbes magazine ranks the University of Wyoming No. 9 as a Best Value College.

In 2005, Wyoming legislators

created the Hathaway Scholarship program for qualified students who graduate from Wyoming high schools. The initial \$400 million endowment funds scholarships to attend the university and any of the state's eight community colleges.

Research Centers of Excellence

The University of Wyoming's \$115 million Tier 1 Engineering Initiative, launched in 2012, is designed to lead the state's only four-year public institution to the national forefront in education and research. The initiative includes industry partnerships and provides the added benefit of workforce and economic development.

To support the Tier 1 Initiative, the State of Wyoming has invested

WORKFORCE DEVELOPMENT TRAINING FUND

The Wyoming Department of Workforce Services offers two types of workforce development grants:

- **Up to \$2,000** per worker is available each year for established Wyoming businesses who want to retrain or upgrade the skills of their current employees.
- **Up to \$4,000** per worker is available each year for Wyoming businesses who are creating new jobs. These grants can be used to prepare workers to fill gaps in high-demand and high-growth occupations.

Visit www.wyomingworkforce.org/businesses/wdtf for more information.

in the construction of new S.T.E.M. laboratory facilities, energy innovation research centers, a new College of Engineering building and the High Bay Research Facility, which was designed to carry out large-scale research and development to solve energy-related challenges.



CLOCKWISE FROM FAR LEFT: Val Murray, of **Murraymere Farms**, attended the grand opening of Wyoming's Asia Pacific Trade Office. The celebration featured beef raised on her ranch; **Wyoming Malting's** specialty grains have caught the attention of buyers in Asia. The company was founded in Pine Bluffs, Wyoming; **GF Harvest** is an international gluten-free food manufacturer headquartered in Powell, Wyoming.

Foreign Direct Investment Strengthens WYOMING'S ECONOMY

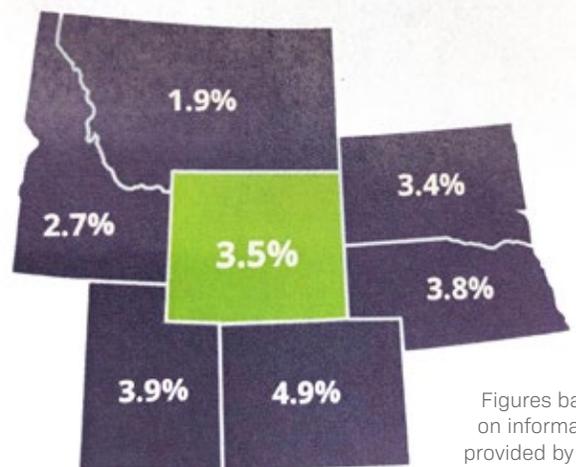
QUALITY JOBS 7,300 workers in Wyoming are employed as a result of international investment.

MANUFACTURING 2,500 workers in Wyoming – 34 percent of all FDI jobs in the state - are in the manufacturing sector.

GLOBALLY CONNECTED Among all international employers, those from the **United Kingdom, Canada** and **France** support the largest number of jobs in Wyoming.

MANY EMPLOYERS Nearly 170 international employers have operations in Wyoming.

Wyoming vs. Its Neighbors
FDI Jobs as a % of Total Employment



Figures based on information provided by OFII (OFII.org)



WYOMING on the GLOBAL STAGE

Wyoming continues to strengthen its ties with Taiwan.

By TOM DIXON | Content Marketing Manager



Wyoming Asia Pacific Trade Office Director
Chester Chu.

Wyoming is blessed with natural wonders like Yellowstone National Park and Grand Teton National Park. And the cowboy lore of our Wild West history is renowned globally.

Though these may be the reasons international investors first discover Wyoming, what they quickly learn is the state is staged to be a prosperous trading partner. The state has invested more than \$100 million in developing business-ready land connected to first-class utilities, water, sewer and fiber.

Wyoming has always had a business-friendly regulatory environment – the state created the LLC – but now we’ve caught the attention of foreign investors for our world-leading blockchain laws.

New developments make it even more appealing to invest in Wyoming.

In 2018, the state opened the Wyoming Asia-Pacific Trade Office. The venture is already connecting value-added agriculture companies like brewers, distillers and malters, along with tech-based businesses like Beefchain, the nation’s first USDA-approved, blockchain-verified beef producer.

2018 also saw the expansion of the Natrona County Foreign Trade Zone from the Casper-Natrona County International Airport grounds in central Wyoming to cover the entire county.

A foreign trade zone allows imported merchandise to be stored, packaged, assembled, manufactured, cleaned, sorted and graded without the expense of customs duties or taxes. Paired with the Burlington Northern Santa Fe rail, Interstate 25 and the Casper Logistics Hub, manufacturers are now primed for

simple, fast distribution from the heart of Wyoming.

The state also has 25 opportunity zones, a new federal designation that allows investors to defer capital gains taxes by putting that money into qualified opportunity funds. While every state has these zones, only Wyoming couples these federal advantages with state incentives like no personal or corporate income tax, low sales and property taxes and one of the largest sovereign wealth funds in the nation. That means a stable, reliable environment for business owners and investors alike.

**WHY WYOMING?
WATCH OUR FOREIGN
TRADE VIDEO**





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About the Wyoming Business Council. Our mission is to increase Wyoming's prosperity. We envision a Wyoming where industries are strong, diverse and expanding. Small business is a big deal. Communities have the highest quality of life. Wyoming is the technology center of the High Plains. Wyoming knows no boundaries. Please go to www.wyomingbusiness.org for more information.