

AGIA Training Strategic Plan



Alaska Department of Labor and Workforce Development

Commissioner Click Bishop

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Fairbanks

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“This gasline will fuel our homes, our economy and careers for Alaskans - for generations.”

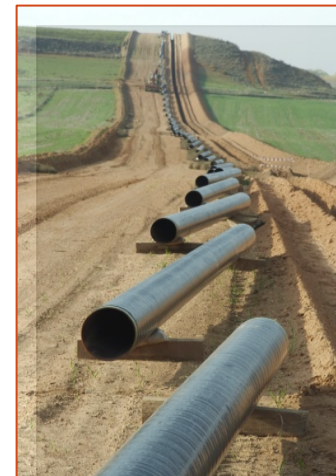
Governor Sarah Palin
2008 State of the State Address





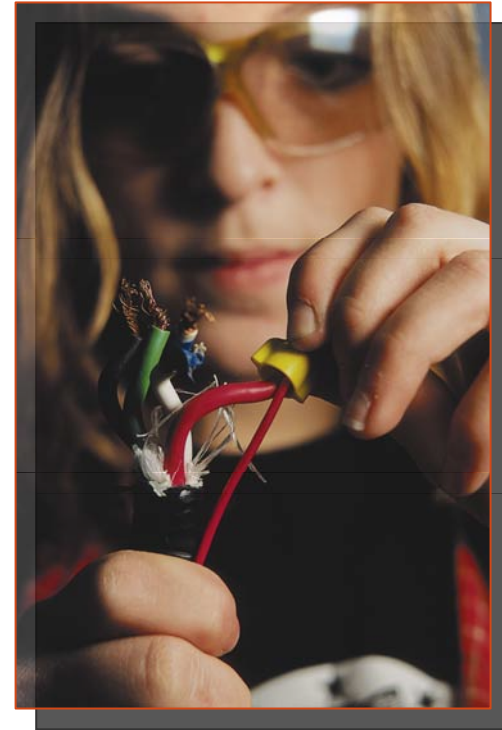
Gasline Workforce Goal

Alaskans are trained and ready for a gas pipeline and other natural resource development jobs—and these jobs are made available to Alaskans.



Workforce Development Process

- Identify skills gaps
- Minimize gaps through career awareness, effective labor exchange, job center network, accessible training services



Result: Alaskans meet the needs of Alaska employers for legacy jobs and long term careers.

Training System at a Glance

Postsecondary Education

- University of Alaska
- AVTEC
- Regional Training Centers
- Private Training Providers

Secondary Education

- Education & Early Development
- High Schools
- Adult Basic Education
- Youth First
- Construction Academies
- College Ready/Work Ready

Employment Services

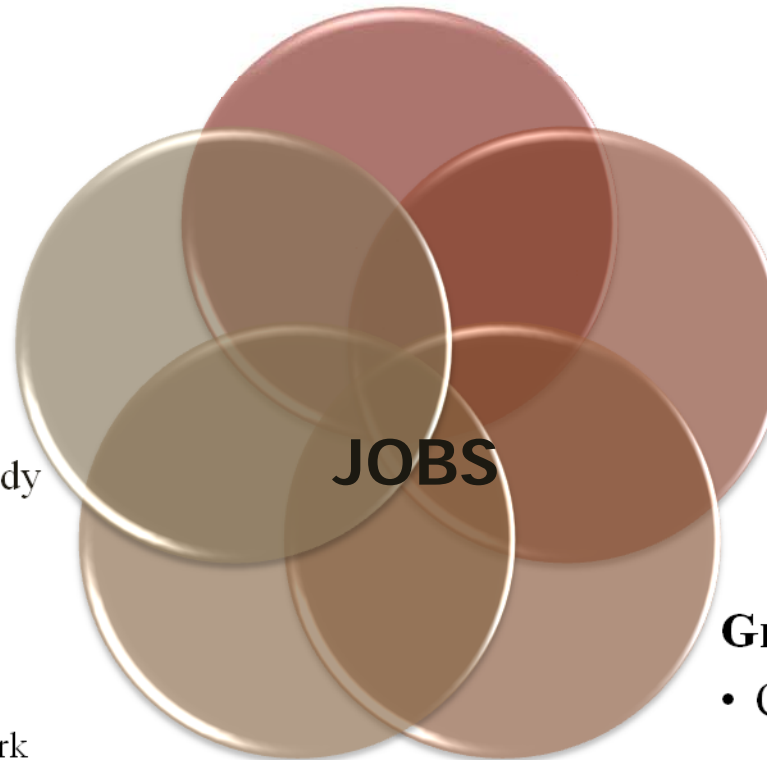
- Job Center Network
 - Counseling
 - Job/Training Referral

Funding

- *Federal*
 - Workforce Investment Act
 - Denali Training
 - Pipeline Training
- *State*
 - STEP
 - TVEP
 - GF
- *Tuition, etc.*

Grantees

- Competitive Selection



Challenges

- Economic cycles
- Ebb and flow of workers
- Awareness—not just professional positions but high paying blue collar jobs
- Cost and accessibility of training
- Job barriers—drug free, driver's license, employability skills, transferrable certification



Four AGIA Strategies

- Increase awareness of and access to careers in natural resource development
- Develop comprehensive career and technical education system
- Increase registered apprenticeships and on-the-job training opportunities
- Increase training for operations, technical and management workers



1. Increase Awareness of and Access to Careers in Natural Resource Development

- Job awareness program
- One stop information on jobs and training
 - FY 09 funding to develop training web site and improve online job service



2. Develop Comprehensive Career and Technical Education System

- Career pathways, skill standards and training program coordination
 - FY 09 funding for coordinator
- Work Keys DEED/DOLWD partnership
 - FY 09 funding in DEED
- K-12 career planning and counseling
 - FY 09 Alaska Youth First funded
- Integrated system for youth and adults
 - FY 09 Construction academies funded



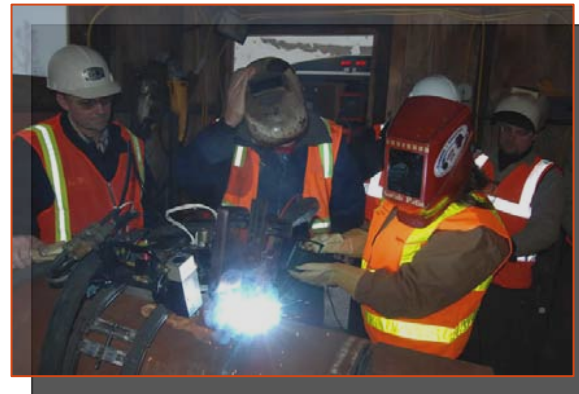
3. Increase Registered Apprenticeships and On-the-Job Training Opportunities

- Increase job training for entry level jobs
- Increase apprenticeships in construction
- Employer incentives for apprenticeships and OJT
 - Funding received to support apprenticeships and OJT—targeted federal grant and general fund



4. Increase Training for Operations, Technical and Management Workers

- Expand programs for critical jobs
 - FY 09 funding for UAA engineering program expansion
- Recruit more Alaska high school grads
- Help workers keep pace with technology and skill upgrades
- Expand management training opportunities for skilled workers



Our Focus

- Current skills gap
- Legacy and long-term jobs



Identifying the AGIA Skills Gap

Working with industry partners, DOLWD:

- Identified 113 AGIA occupations
- Used existing occupational supply and demand data to help identify potential gaps



Alaska's AGIA Skills Gap

- Current gap: In 2006 nonresidents accounted for more than 16% of the workers in the AGIA identified occupations
- Future gap: More than 37% of Alaskans working in AGIA occupations were 45 years old or older in 2006





AGIA Occupational Data

	Percent Nonresident Workers (2006)	Percent Workers Age 45+ (2006)	Average Hourly Wage (May 2007)
Carpenters	17.0%	34.6%	\$26.33
Civil Engineers	12.4%	43.9%	\$36.64
Electricians	24.2%	32.7%	\$31.47
Operating Engineers and Other Construction Equipment Operators	18.3%	49.9%	\$28.10
Surveyors	18.1%	45.2%	n/a
Truck Drivers, Heavy and Tractor- Trailer	13.6%	48.8%	\$21.66
Welders, Cutters, Solderers and Brazers	34.8%	40.4%	\$25.05

For More Information

- Web: labor.state.ak.us
- Click on: AGIA Training Strategic Plan

