

# AGIA Training Strategic Plan



Alaska Department of Labor and Workforce Development  
Commissioner Click Bishop  
June 6, 2008

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

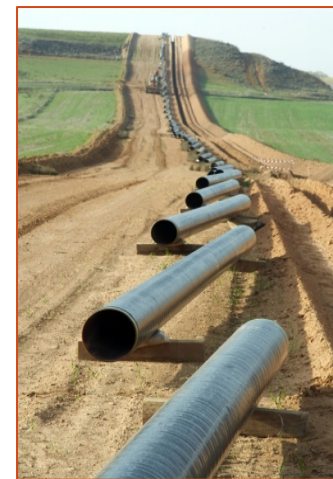
Governor Sarah Palin  
2008 State of the State Address





## 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

## Secondary Education

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

## Funding

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

## Postsecondary Education

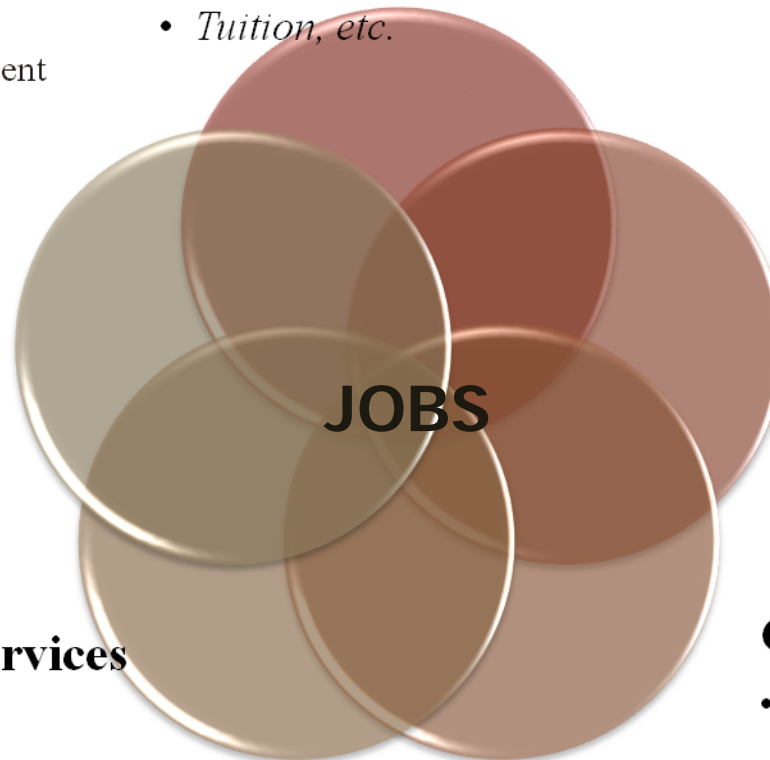
- University of Alaska
- AVTEC
- Regional Training Centers
- Private Training Providers

## Employment Services

- Job Center Network
  - Counseling
  - Job/Training Referral

## 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
  - Received funding in FY 09 budget to develop training web site and improve on-line job service





## 2. Develop Comprehensive Career and Technical Education System

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



### 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 for UAA engineering program expansion
- Recruit more Alaska high school grads
- Better articulation between job training and management programs
- Help workers keep pace with technology and skill upgrades



# 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 individuals working in AGIA occupation 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](http://labor.state.ak.us)
- Click on: AGIA Training Strategic Plan

