

SAN JUAN COLLEGE

School of Energy

Energy Production Education and Training

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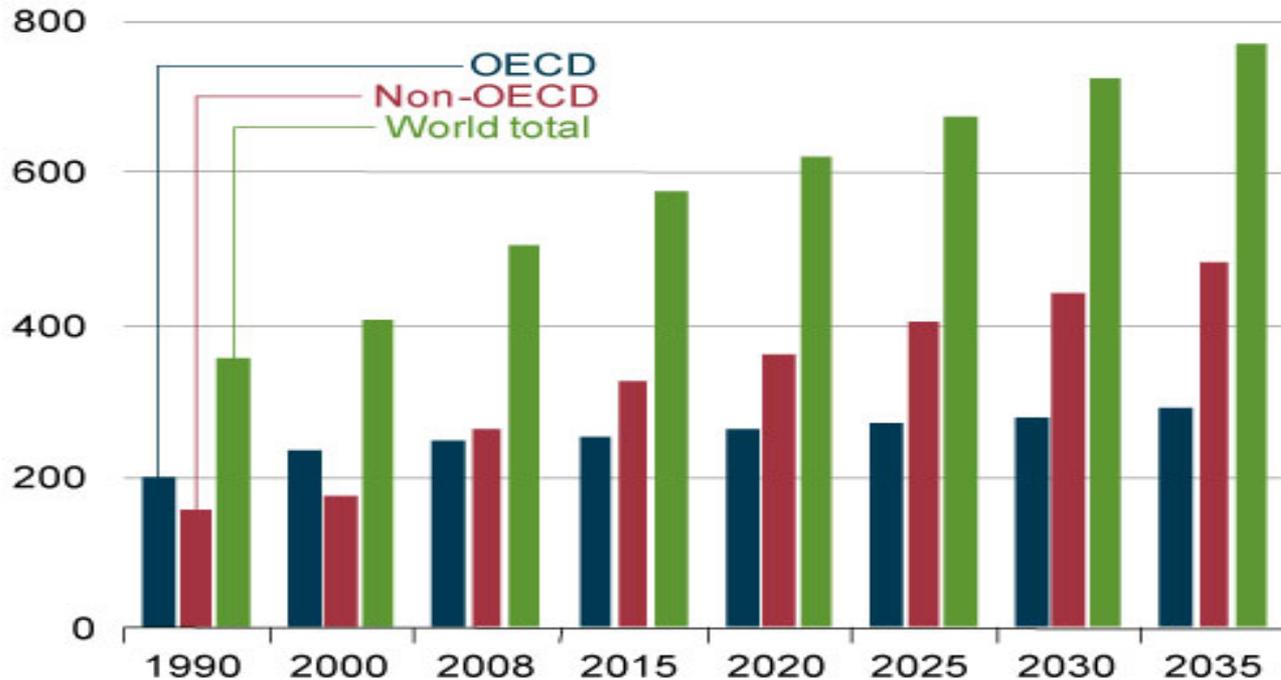
Overview

- Energy Demand & Production
- The Future
 - Workforce
 - Education



Energy Consumption

Figure 12. World energy consumption, 1990-2035
(quadrillion Btu)



Organization for Economic Co-operation and Development (OECD) – U.S. EIA 2012



Energy Projections 2012-2030

- Moderate Growth
- Market Movement
- Demography
- Global Demand



School of Energy

Education and Industry-driven
Collaboration

(to build)

Energy Production Education/
Training Center



What We Do

- Partner with energy employers to address their training and labor needs.
- Design and offer training to enhance job skills and ensure safe work practices.
- Provide learning opportunities for individuals needing new skills to gain employment or advance in their jobs.



Programs Offered. . .

- School of Energy grants –
 - Associate of Applied Science
 - Natural Gas Compression
 - Petroleum Technology
 - Industrial Process Operations
 - Instrumentation and Controls
 - Occupational Safety

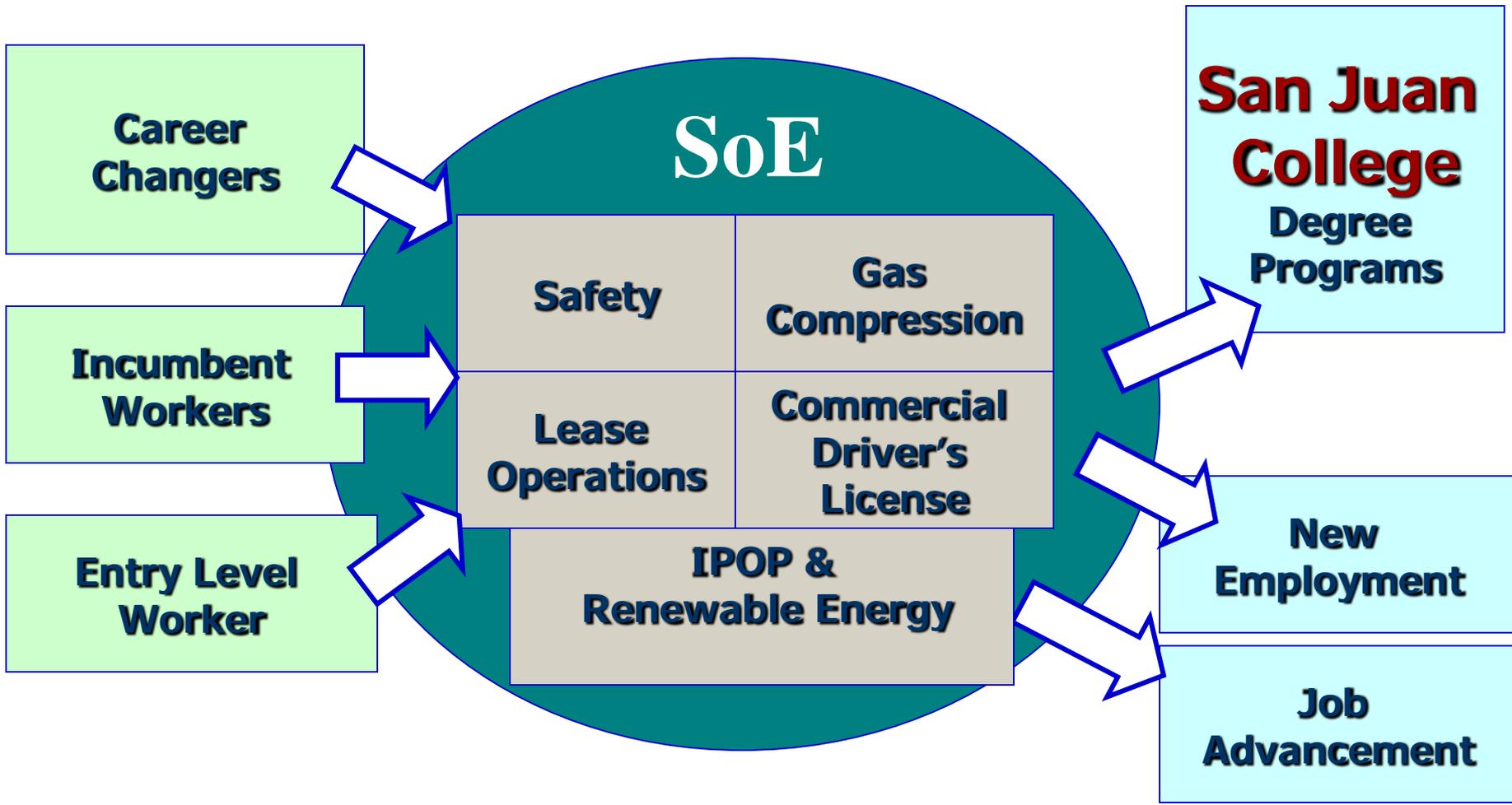


Invaluable Industry Partnerships

- Oil and Gas Producers
- Many Service Companies
- Two Power Plants
- Local, State & Federal agencies
- Community members



Recruitment - Training - Placement





Quality Assurance

Advisory Committees

**IPOP
Lease Operations**

**Natural Gas Comp
CDL
Safety**



- Continuing Challenges -

- Recruitment and referrals of trainees
- Ongoing public information
- Staying responsive to the interests, needs and demands of the industry



Future

- Advanced Training
- New Programs
 - Low Carbon Emissions Technology
- Training and Education
- Consistency



Our Goal

San Juan College's School of Energy will be:

- The premier model for energy training in the U.S.
- The training provider of choice for energy related employers in the region



San Juan College





San Juan College





School of Energy Center

- Centralize three locations onto San Juan College's main campus.
- Majority of funding from private & industry donors.
- Energy industry is critical to San Juan County economy and significant important to the state and national economies.

The new School of Energy Center would offer state-of-the-art training facilities for the Four Corners community – fulfilling a growing need for continued training for the energy industry.



School of Energy Center

- 65,000 square feet of new construction that includes classrooms, laboratories and training facilities; offices for faculty and staff; and related support spaces.
- Centralize the School of Energy programs at San Juan College's main campus
- Total Cost \$15,600,000



San Juan College



School of Energy

Farmington, NM



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Thank You