

Alaska LNG

Meet Alaska
January 2015

2014 Highlights

Received DoE authorization for LNG export to Free Trade Agreement countries, working non-FTA authorization

More than 10,000 acres environmental field surveys completed

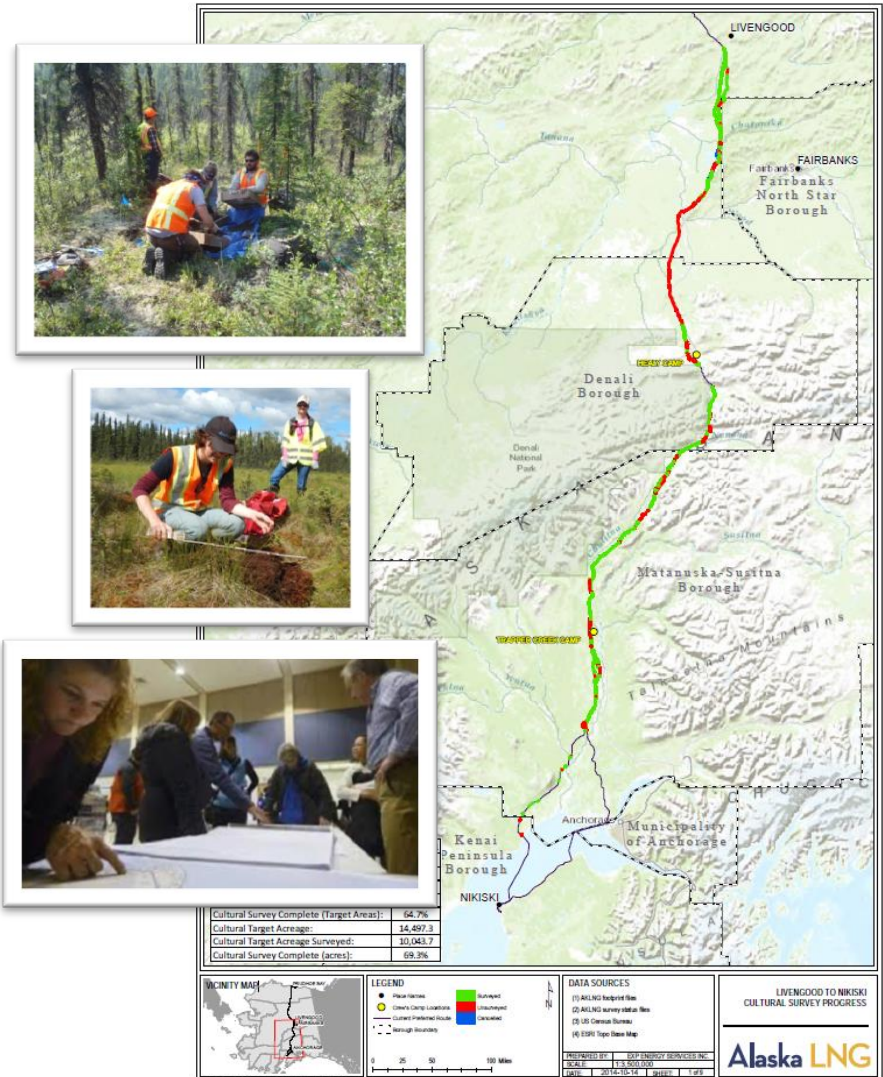
- ✧ 250+ workforce, ~80% Alaskans
- ✧ 170,000+ hours worked, 317,000+ miles driven
- ✧ 500+ safety observations shared

Geotechnical and Geophysical work in Nikiski to assess viability of lead LNG plant site

Regulatory milestones with FERC

- ✧ Filed resource reports 1 and 10 for EIS
- ✧ Completed 60+ public meetings including 11 joint open houses with FERC personnel

Initiated pre-FEED work to progress project design and support permit process requirements



Recent Project Progress

Contracts awarded for GTP, pipeline, LNG, marine work:

- ✧ GTP – URS / CB&I / ASRC Energy Services (AES)
- ✧ Pipeline – Worley Parsons
- ✧ LNG Plant – CB&I / Chiyoda / AES
- ✧ Marine – CH2MHill

Gas Treatment Plant:

- ✧ Continued PBU integration work, refined CO₂ spec
- ✧ Refined design to “3 trains”, reducing cost / risk

Pipeline:

- ✧ Completed route design, built detailed ARC-GIS system
- ✧ Ordered \$2.5M in pipe for material / weld testing

LNG Plant

- ✧ Validated design basis / scope (3 x 6 MTA trains)
- ✧ Progressing siting / regulatory analysis



Forward Regulatory Process

Federal Interagency Working Group formed to coordinate all regulatory agencies, strong regulatory support

Progressing EIS under FERC direction / integration:

- ✧ Engaging Alaskans to identify / resolve potential issues
- ✧ Resource reports provide data on baseline conditions and potential project impacts (environmental / socioeconomic)
- ✧ Two drafts of resource reports provide opportunity to begin dialogue, inform project development
- ✧ First draft of resource reports targeted 1Q15
- ✧ Second draft of resource reports in 2016
- ✧ FERC pre-scoping meetings and Alaska LNG Project open houses will take place in 1st half 2015

FERC questions to consider:

- ✧ Does the plan accurately reflect my community?
- ✧ What potential impact might the project have?
- ✧ Are there alternatives to consider?
- ✧ Are there measures to avoid/lessen possible impacts?

Resource Reports

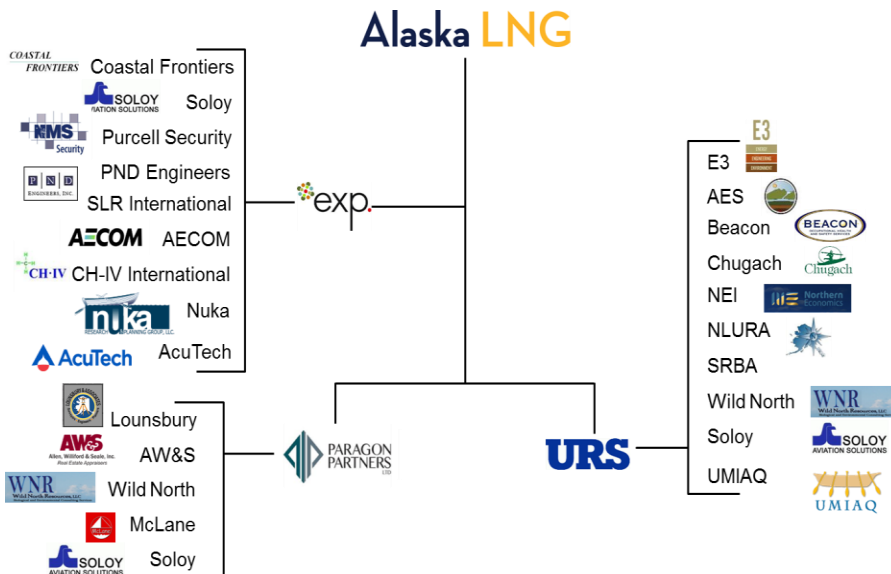
1. Project Description
2. Water Use & Quality
3. Vegetation & Wildlife
4. Cultural Resources
5. Socioeconomics
6. Geological Resources
7. Soils
8. Land Use, Recreation & Aesthetics
9. Air & Noise Quality
10. Alternatives
11. Reliability & Safety
12. PCB Contamination
13. LNG Plant Information



Alaskan Business Implications

Near term actions focus on building basis for long term:

- ✦ Register at ak-lng.com
- ✦ Provide contact information, company overview
- ✦ Attend upcoming Alaskan contractor information sessions in late 1Q15 / early 2Q15
- ✦ 2015 Summer Field Season under development
- ✦ Pre-FEED work – logistics, infrastructure, labor
- ✦ Integrate “Alaskan Knowledge” with “Global LNG”



The Path to FEED

Target 2016 decision point

- ✦ Pre-FEED optimizes design, confirms site / route
- ✦ Confirm cost, schedule, (competitive “cost of supply”)
- ✦ Work with State to identify offtakes (“Access to gas for Alaskans”)
- ✦ Complete key commercial agreements
- ✦ Develop durable, predictable fiscal terms (HoA, SB138)
- ✦ Continue building alignment between all parties

AKLNG needs Alaskans to Engage!

- ✦ Register on the website (ak-lng.com)
- ✦ Attend community meetings – talk with FERC
- ✦ Learn about the HoA and SB-138
- ✦ Talk with your legislators

Alaska LNG Web Site “ak-lng.com”

Fueling Alaska's Future

The Alaska LNG Project is about innovative people and technology coming together to develop Alaska's vast natural gas resources in a safe and efficient manner and about providing access to natural gas to Alaskans. The project's participants are the Alaska Gasline Development Corporation (AGDC) and affiliates of TransCanada, BP, ConocoPhillips, and ExxonMobil.

Project Map

The Alaska LNG Project is anchored by the Prudhoe Bay and Point Thomson fields. These fields are expected to deliver on average about 3.5 billion cubic feet of gas per day with about 75% from the Prudhoe Bay field and 25% from the Point Thomson field.

An 800-mile pipeline will use proven technologies that enable safe operations while minimizing impact to the environment.

Nikiski is the lead site for a liquefaction plant where gas will be cooled and condensed to 1/600th of its previous volume.

The map shows the pipeline route from Prudhoe Bay and Livengood through Fairbanks, Anchorage, and Nikiski. Key locations labeled include PRUDHOE BAY, LIVENGOOD, FAIRBANKS, ALASKA, ANCHORAGE, and NIKISKI. A green line indicates the HIGHWAY.