

INFOCUS

Our Safe Start-Up



A Message from Jason



Jason Klein, CEO, LNG Canada

It's been another year of safe and steady progress for the LNG Canada project in Kitimat, in the traditional territory of the Haisla Nation. We've reached a number of key milestones, including full delivery of our large modules. We've also been working in the community and with First Nations, delivering on our pledge to enhance local infrastructure and help organizations build their capacities.

With construction of our facility nearing completion, we're preparing for safe start-up activities. That's when our equipment is tested and fine-tuned, and we initiate the process of producing liquified natural gas (LNG) before entering operations, when our LNG is loaded onto specialized ocean carriers and safely exported.

The safe start-up process will begin in 2024, and take more than a year to complete. We remain on track to ship our first cargoes of lower carbon, made-in-B.C. LNG by the middle of this decade.

This edition of InFocus examines key safe start-up activities that will occur at our facility over the coming months. It also describes our ongoing measures to protect people, our project and the environment. Our goal is to keep you well-informed and aware of these activities at all times. Please consider attending one of our Open House events listed in this edition of InFocus, and don't hesitate to connect with us directly using the contact information provided.

Kind regards,

What you need to know about our safe start-up preparations and activities

Before we start exporting our made-in-B.C. LNG, our facility will undergo a lengthy start-up process.



FLARING

Flaring is an established, provincially regulated process for the safe, reliable and efficient combustion of natural gas, to ensure the gas does not pose a hazard to people and the environment. It is normal during facility start-ups and shutdowns, but will rarely occur during regular operations. Our flare system has an efficiency rate of 99.53%, reducing CO₂e by 25% to 30% compared to other flare systems. Our flaring program will begin in 2024. People will see an elevated flame from our flare stack, with visible smoke intermittently.



EMERGENCY RESPONSE

Our activities are carefully managed with health, safety and care for the environment at the forefront. LNG Canada has more than 100 response team members to support our safe start-up and operations. These include 80 trained fire fighters and a spill response team. We also have in place contracts with the Western Canada Marine Response Corporation and other spill response vendors to work with us in the unlikely event of a spill. In addition, all escort and harbour tugboats operated by HaiSea Marine to service LNG carriers have spill response and firefighting capabilities.



WATER QUALITY

Our top priority is protecting the local environment, our neighbours and our people. The LNG Canada facility is designed with extensive drainage and effluent treatment systems that manage storm and wastewater, and which conform to stringent federal, and provincial regulations. Online analyzers and sample points are provided at key locations in the drainage and effluent treatment system to monitor the quality of effluent streams, verify treatment effectiveness and ensure that discharge water meets provincial and federal water quality guidelines.

AIR QUALITY AND GHG EMISSIONS

We will export LNG with the lowest greenhouse gas (GHG) emissions of any large-scale facility currently operating anywhere in the world—about 60% lower than the average facility and 35% lower than the best performing facility. Clean electricity from the BC Hydro grid for the facility and energy-efficient gas turbines to drive the refrigeration process will minimize GHG emissions. Pollutants (primarily NO_x) impacting air quality from the LNG Canada facility will come from three controlled and monitored sources: the flaring system; the acid gas incinerator; and the gas turbine waste heat recovery units.



SHIPPING AND MARINE SAFETY

LNG shipping has one of the best safety records in the marine industry. More than 475 LNG carriers are currently in operation around the world. We follow British Columbia North Coast Waterway Management Guidelines for all vessels including large commercial ships, tugboats and barges. The guidelines were developed and endorsed through a collaborative, consensus-based process involving officials and senior representatives from the Gitga'at First Nation and the Gitxaala Nation, the Government of Canada, the British Columbia Coast Pilots and associated maritime authorities, commercial shipping industry associations and other waterway stakeholders, including LNG Canada.





LNG Canada

Community Open House

Join the LNG Canada team for an evening of information, a light meal and refreshments and door prizes.

Events are 4:30pm to 7:30pm

November 21 – Kitamaat Village
Haisla Recreation Centre Gym

November 22 – Kitimat

Joanne Monahan Community Room in the
Riverlodge Recreation Centre

For more information, visit lngcanada.ca
or email info@lngcanada.ca

Connect with us

LNG Canada and JGC Fluor (JFJV) are committed to keeping the community informed about construction-related activities. There are several ways to ask questions, get information or provide feedback.

For site construction related information, follow JFJV's Facebook page at facebook.com/jfjvkitimat or visit jfjvkitimat.com

For general information about the LNG Canada project, follow: facebook.com/LNGCanada or visit lngcanada.ca

For information about employment and contracting opportunities with JFJV, visit jfjvkitimat.com or drop by JFJV's Project Resource Centre at 234 City Centre, Kitimat, BC.

To provide feedback, ask questions or share concerns, call: **250.632.5358** or **1.888.499.5358** or email info@jfjvkitimat.com