

## **The Énergie Saguenay liquefied natural gas project sets a new industry benchmark in terms of GHG emissions and sustainability**

**Saguenay, February 20th, 2019** – GNL Québec is excited to share the results of the Environmental Impact Study for the Énergie Saguenay Project, along with the Life Cycle Analysis conducted by the International Reference Centre for the Life Cycle of Products, Processes and Services (CIRAIG). This is a major step in the Social and Environmental Assessment process, and demonstrates how the Project sets a new industry benchmark for being the greenest Liquefied Natural Gas (LNG) facility in the world, through its use of hydroelectric power and leveraging the cold climate conditions in the region.

### **GHG emissions reduced by 28 million metric tons**

GNL Québec participated in a comprehensive natural gas lifecycle analysis, including extraction, transport, liquefaction, and export, within the environmental impact study. The analysis performed by CIRAIG confirms that GHG emissions from the Énergie Saguenay project will be 84% lower than those of similar-size producers in the United States and Asia. Therefore, this will be the lowest GHG emitting LNG project in the world and only project committed to striving to be a carbon-neutral LNG facility.

Moreover, the analysis also supports the Project's merits in terms of lowering GHG emissions on a global scale. It is anticipated that about 60% of Énergie Saguenay's LNG will be replacing more polluting fuels like coal and oil in Asia and Europe and thereby reducing some 28 million metric ton per year of GHG emissions. By comparison, every three years, Énergie Saguenay will contribute to eliminating the equivalent of Quebec's total GHG emissions, thus making the Project, the Saguenay—Lac-Saint-Jean Region and Quebec leaders in the fight against climate change.

### **Environmental Impact Study**

The Environmental Impact Study submitted today, carried out by WSP in cooperation with the regional firm Nutshimit-Nippour, adhered to guidelines set out by the Quebec Ministry of the Environment and Fight against Climate Change (MELCC) and Canadian Environmental Assessment Agency (CEAA).

The analysis includes an in-depth study of the impacts and tangible mitigation measures associated with the construction, operation and dismantling of all the Project's components, including visual integration, noise reduction, air quality, safety and environmental impacts of marine shipping, GHG emissions, and local and Quebec economic benefits.

“The results of the various analyses submitted today confirm that the Énergie Saguenay Project will set a new LNG industry benchmark in terms of environmental sustainability. We are proud to be developing a project that will establish Saguenay—Lac-Saint-Jean and Quebec as leaders in the fight against GHG emissions. At the same time, we will be creating a new industrial and skill development niche in the Saguenay Region that is global in nature. We are also very pleased to have improved the sustainability of our Project since its inception, particularly in terms of visual integration, thanks to the extensive and constructive exchanges with the community from the very beginning in 2014. We will continue to involve the community through the coming stages in an effort to develop a truly remarkable project ,” said Stéphanie Fortin, GNL Québec’s Communications and Community Relations Manager.

Now that the Environmental Impact Study has been submitted to both the federal and provincial authorities, GNL Québec will continue the consultation process and pursue project enhancements over the coming months through interactions with its various advisory committees. The company will also be holding public information sessions. The Project is also slated to undergo environmental public hearings (BAPE) later in 2019.

The Environmental Impact Study and Life Cycle Analysis are available here:  
[www.energiesaguenay.com](http://www.energiesaguenay.com)

### **About Énergie Saguenay**

Since 2014, GNL Quebec has been working to develop a natural gas liquefaction facility at Port Saguenay. The Project involves liquefaction, storage, and liquefied natural gas (LNG) equipment, and has an estimated cost of CA\$9 billion. In addition to major short-, mid- and long-term economic benefits in Quebec, the Project aims to support the fight against climate change in Europe, Asia, and other parts of the world by providing a transition energy that can replace more polluting sources like coal and fuel oil. But what makes the Project really stand apart from all other LNG projects is the fact that it will be powered by hydroelectricity, making it the cleanest, lowest GHG emitting liquefaction plant worldwide. Watch the descriptive video of the Project at <https://goo.gl/wEQKN5>.

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### **Source :**

GNL Québec [energiesaguenay.com](http://energiesaguenay.com)

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