



Prioritizing Community Health and Safety

Project YaREN™ is a proposed low-carbon ammonia production and export facility in Ingleside, Texas, being developed by joint partners Enbridge and Yara. This project prioritizes employee and community safety, invests in the local economy and creates a significant number of jobs in the Ingleside area.

Safety is our top priority

The project will be located in the Enbridge Ingleside Energy Center, in an existing industrial site. In every step of this project's development, from planning and construction to our daily operations, our first priority is the safety of our employees and community members.

Protecting our community

By following trusted and proven safety methods, we protect both people and the environment. Our use of independent layers of safety significantly reduces the operational risk and

prioritizes the safety of both workers and the surrounding community.

Exceeding requirements

Project YaREN will meet and exceed safety requirements, including the most stringent rules, codes and regulations designed for safe construction and operations. **We will not compromise when it comes to safety. Project YaREN is making significant investments in state-of-the-art safety and environmental features that go above and beyond requirements.**

Protecting Community Safety

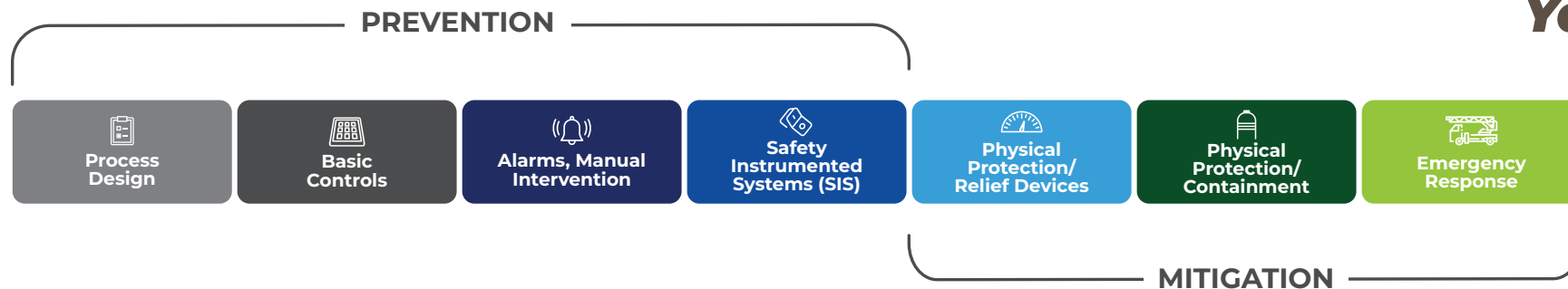
- ✓ Project YaREN is protecting the safety of all community members, including students at Ingleside Primary School, through safety measures that surpass regulations and requirements
- ✓ The Ingleside Primary School is two miles from our facility — far beyond the distance already considered safe by third-party industry experts

Investing in Safety

- ✓ Project YaREN is making significant investments in state-of-the-art safety and environmental features that go above and beyond requirements
- ✓ Project YaREN is going above and beyond safety regulations and requirements in our process design, materials, and response plans
- ✓ Yara operates with a strong safety culture and a process safety management system that exceeds standard OSHA (Occupational Safety and Health Administration) requirements

An Established Process

- ✓ Ammonia has been produced safely for 100 years, and the production process continues to improve with technology and advancements
- ✓ Yara is one of the most experienced ammonia producers globally with a strong safety record



How Project YaREN prioritizes safety

Project YaREN’s independent layers of safety can be separated into two groups: prevention, those that prevent an incident from happening, and mitigation, those activated only in the highly unlikely event that all preventative measures fail in order to contain and respond to an incident.

Many of these measures are not required under current safety regulations, but we are implementing them to take extra steps to protect the community, our employees and the environment.

Prevention

How we prevent undesired events from happening

- Stronger, superior materials, from ammonia storage tanks to piping
- Building our pipes and tanks to withstand more pressure and higher temperatures than expected
- Constant monitoring through camera systems, a 24/7 staffed control room and frequent field checks

- Automatic intervention system that can safely shut down the process
- Three layers of independent pressure control systems on ammonia storage tanks
- Full, double-wall ammonia containment storage tanks

Mitigation

How we respond to and contain an undesired event

- Ammonia leak detection systems that immediately notify control rooms
- Ammonia vapor suppression systems with both foam and water curtain

In the highly unlikely event of an emergency in which each of the previous prevention and mitigation measures fail, Project YaREN is prepared to deploy thorough emergency response measures:

1. Internally trained and specialized first responders within the facility
2. Private emergency services response, for example, a response expert like Refinery Terminal Fire Co. (RTFC)

3. Coordinated response from local emergency planning committee (LEPC)

Community Questions

How do we know ammonia production is safe?

In the last nearly 20 years in the U.S., there have been no incidents resulting in off-site injuries at ammonia production facilities using processes similar to Project YaREN. Ammonia has been produced for over 100 years, and the production process continues to evolve with the latest advancements to become even more safe and efficient. Project YaREN is backed by Yara’s extensive ammonia plant design and operational experience.

What will be monitored at the facility?

All processes parameters such as pressure, temperature, and flow will be continuously monitored from an on-site control room, staffed 24/7. The plant is designed with a safety system to automatically shut down equipment if preset measurements are exceeded.

How do we know nearby students are safe?

The Ingleside Primary School is located about two miles north of the planned site—far beyond the distance already considered safe by experts. To protect the safety of students and the community, Project YaREN is proactively adding extra safety features that exceed government standards, like many of the ones described in this fact sheet.

Enbridge and Yara

Enbridge and Yara’s combined complementary strengths will be critical to advancing the project from development to commercial operation. Yara is a global industry leader in ammonia development, production, operations and distribution, while Enbridge has large-scale infrastructure development expertise and world-class deep-water docks and export platform at the Enbridge Ingleside Energy Center.

