

#### 1. What happens to the pellets in the event of a derailment?

They will simply need to be picked up. That could be done by hand, with construction equipment, nets, booms or vacuums.

## 2. Can this technology be used on all types of crude oil or even on refined products such as diesel?

While it may be possible to solidify lighter crude oils or refined products using this technology that has not yet been explored. This technology has been designed for extra-heavy crude oil.

## 3. Will extra-heavy crude in diluted or neat form still be transported by CN?

Yes, and ultimately the choice of how extra-heavy crude oil is moved will be up to the shipper to determine.

## 4. Will this replace pipelines?

No, solid pellets are a niche market that we believe will be of particular interest to companies that are not pipeline connected.

### 5. Won't this take capacity on your rail line away from other products?

CN has existing capacity to move additional carloads and we continue to invest in our network to handle future business safely and efficiently.

### 6. Where does the polymer come from?

This process can use recycled polymer typically found in agricultural or household recycling programs.

### 7. After reliquification, what happens to the polymer?

It can be reused to make more CanaPux pellets or sold into the recycled polymer market and used as a road additive, for water proof membranes, or even to create textiles.

### 8. How carbon intensive is it to make the polymer?

Energy is initially required to produce the polymer, but far less energy is needed to recycle the polymer for use in this process.

### 9. Are the pellets a threat to marine life or birds if they eaten or swallowed?

This has been taken into account in the design of the shape and size of the pellet in order to minimize any threat to wildlife, either on land or in water.

Furthermore, the pellet's design simplifies spill response efforts, minimizing the time the pellets are exposed to the environment.

# **10.** What is the GHG comparison for transporting heavy crude as liquid, versus pellet and versus a pipeline?

Research is currently underway to enumerate the full lifecycle GHG emissions for this technology and to compare it to other forms of transport.

### **11.** I would like to invest in CanaPux technology, how can I do that?

CN is working with industrial partners to commercialize this technology. To invest in technological innovation such as this, we recommend you talk with your financial advisor.

