

GoJ-Carib Cement End-of-Life Tyres (ELT) Disposal Pilot Project

What is the aim of the project?

Our objective is to help solve a national environmental problem of disposing of old, discarded tyres by incinerating them in our kiln. This pilot project is specifically meant to assess the logistics and cost implications.

So it's just a pilot project at this time then?

Yes.

How long will the project last?

We have a memorandum of understanding with the Government of Jamaica for an initial trial period of 40 days. This pilot will then help us to develop a comprehensive and sustainable plan for executing a larger, more permanent project.

Where will the tyres come from?

Tyres will be taken from the Riverton landfill.

Where will they be incinerated?

They will be incinerated in the kiln at the Carib Cement Rockfort plant.

Will incinerating them harm the environment?

No, incinerating them in the kiln will not harm the environment. The tyres will be incinerated at a temperature of 1,500 degrees Celsius. At that temperature, no toxic gases will be produced, and any ashes will be incorporated within our production process, in the same way as the fuels we consume.

Will my community be affected by smoke or residue?

No. There will be no smoke or residue. This is a tried and tested process that has been used by cement plants around the world for years.

We also monitor our kiln on a continuous basis using state-of-the-art calibrated equipment. This is the same system used in many other cement plants. This is the reason we can assure that there are no toxic emissions in the process.

Is it safe?

This is a tried and tested international process. For example, the 2015 "End-of-Life Tyre Report" produced by the European Tyre and Rubber Association, shows that in Europe over 90% of end-of-life tyres were disposed of in cement kilns. Based on its design and the heat generated, everything that is put into it is consumed.

