Greetings!

**Promoting innovative waste re-use: The Case of Sands at Nomad**

We currently live in economies that are primarily linear in nature. In other words, goods that are manufactured everyday by our industries are sold, used and then discarded as waste. According to the World Bank, [waste generation rates](https://www.worldbank.org/en/topic/waste) around the world are rising. Due to the rapid population growth and urbanisation, annual waste generation is expected to increase by 70% from 2.01 billion tonnes in 2016 to 3.40 billion tonnes in 2050. It is no longer uncommon these days to see or find huge piles of waste, old house items, construction waste or used products dumped by the road side or in dump sites. This has serious impact on the environment for example through contamination of soil and ground water.

Based on this background, we therefore need to make a shift on in our consumption patterns by coming up with new and creative ways to use the old stuff in our homes and businesses. In this way, we will be contributing towards sustainable waste management. Innovative solutions to waste management come in different ways, and therefore this week, we want to share with you some of them. This is with particular reference to best practices implemented by Sands at Nomad; a Gold ecorated property in South Coast.

**Use of glass waste in making decor and construction**

Glass waste is of great concern especially in urban centres of developing countries. This is because of the amount of waste material generated, and inadequate recycling infrastructure to manage the waste. However, Sands at Nomad have turned what many people perceive as waste
into a valuable resource. When you walk near the grass lawn just behind the main restaurant, you will see that wine glass bottles generated by the facility have been artistically transformed into very beautiful pieces of decor. See the picture below taken in the month of October 2019, when the Ecorating team conducted an on-site audit of the property.

The wall of the generator room has been built using concrete and glass bottles, a further proof that glass waste can be incorporated into the structural elements when carrying out construction.

**Use of plastic waste in decor and construction**

With marine plastic pollution increasing across the world, governments, private sector and civil societies are starting to think about how to overcome this significant problem. This is why Sands at Nomad has come up with a strategy to manage plastic waste that is generated from its operations and collected from its regular beach cleanups. They have done this by establishing a recycling centre with machines that can recycle **High Density Polyethylene** (HDPE) plastic, while others such as **PET** and flipflops are re-used creatively for example in making decor and construction (see illustrations below).
Re-use of broken and old materials at the garden

Have you ever thought that materials such as broken jacuzzi and minibars can be re-used? This is the case at Sands at Nomad. Basically, all broken items and materials are re-used and nothing goes to waste. In a nutshell, the principle here is “every waste will find its use in one way or another”. Through these measures, waste disposal and the need to buy new materials for various operations has almost been completely reduced. The pictures below are those of the tyres and old jacuzzi in use at the facility’s garden for planting.

The Ecorating team had the opportunity to observe all these best practices first hand. Our experience can be described as “taking a step into the mind of an innovative genius”. It is our hope that through this article, we have all been inspired to transition to an economy that
redesigns, recycles and re-uses waste; keeping materials at their highest value use for as long as possible!