

CASE STUDY:

Island Resorts, Maldives & Seychelles

World Famous Luxury Island Resorts in the Maldives & Seychelles Upgrade to KPS Piping to Protect the Environment

KPS' conductive HDPE piping was specified for new luxury resorts to fuel power generators and local boats while protecting the environment. In the Maldives, KPS double wall piping replaced the existing carbon steel which had significant issues with corrosion and was time-consuming to install, partly due to local regulations requiring it to be installed in concrete trenches.



Protecting the sea from fuel leakage was a key priority and one of the primary reasons for installing KPS' double wall piping.



Installation of KPS' corrosion free piping on the jetty of the Seychelles resort.

Key Requirements

- Protection of the environment, seas and wildlife.
- Corrosion-free piping (especially important under jetties due to the constant exposure to salt water).
- A long-term solution with minimal maintenance, unlike the existing carbon steel piping.
- Easy, fast installation.
- Conductive piping (to prevent electrostatic build up).



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Preparing KPS piping to be installed in a trench in the Seychelles.



Crossing the runway of the Seychelles island to connect the refuelling pipeline.



KPS piping is designed for easy, fast installation.



KPS' compact fittings are designed for installers with a minimum of welds required.

The KPS Solution

- KPS' 2" conductive HDPE piping proved an ideal long-term low-maintenance solution to fuel the generators and marinas at both resorts thanks to its easy-install, corrosion-free properties.
- The pipelines were installed in record time thanks to the KPS piping system's easy-install design, minimising disruption to the islands (unlike previous carbon steel piping installations). The Seychelles installation included on-site training by a KPS expert.
- KPS double wall piping (Maldives) provided an extra safety layer of protection to preserve the environment as well as negating the need to build concrete trenches.
- The KPS technical team supported both projects, including the pipeline below the runway at the Seychelles resort (which was also the only way to access the island).
- Like metal piping, KPS' conductive HDPE piping prevents electrostatic build up.