



Policy for the future:

The MOL Group recognizes the impact of our business operations on the natural environment and biodiversity. We implement multifaceted initiatives to reduce the negative effects of our activities on the marine environment, biodiversity, and air quality. In addition, toward the realization of the shared vision of “living in harmony with nature” by 2050, we will continue initiatives not only to avoid or reduce negative impacts on the environment in our value chain, but also to restore and revitalize it.

< Initiatives in Mauritius >

MOL continues activities to restore and preserve the natural environment and contribute to local communities in Mauritius, after an oil spill incident involving our chartered vessel, the *Wakashio*, in 2020. We established two types of funds and support the following projects.

Restoration and conservation of nature and ecosystems Mangroves and coral

- Supporting mangrove and coral reef research projects by experts and NGOs
- Supporting environmental restoration projects by local NGOs, others



Biological Conservation and Research

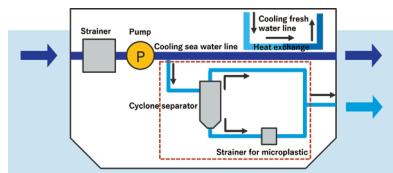
Birds and rare species, including endemic species

- Conducting bird impact studies
- Supporting waterfowl research and survey projects in collaboration with local residents
- Supporting rare species ecosystem restoration projects on the islands



< Marine Microplastics Collection and Research >

Leveraging the technology and knowledge of an earlier microplastic (MP) collection device, co-developed by MOL and Miura Co., Ltd., MOL has developed a new centrifugal-type MP collection device, which can continually collect microplastics while a vessel is underway. The device was installed on the car carrier *Emerald Ace* for a demonstration test.



Schematic view of microplastic collection device and piping



Routes on which MOL-operated car carrier *Emerald Ace* has operated

< Ballast Water Management >

The discharge of ballast water during cargo handling operation can result in the cross-border transfer of marine organisms, which can have an impact on local marine ecosystems.

The International Maritime Organization (IMO) adopted the Ballast Water Management Convention in 2004, which took effect in September 2017. MOL has developed ballast water treatment equipment in cooperation with manufacturers and others. In FY2014, we decided on a company-wide policy to install ballast water treatment systems even before the Ballast Water Management Convention went into effect, and have been proceeding with the installation of such systems. As of June 2022, a total of 237 newbuilding and vessels in service have been equipped with ballast water management systems.