## 配备自行设计采样器的无人机 **Drones with water** sampling equipment

配备自行设计采样器的无人机让环保署调查人员能在难以进入或 不安全的地点采集水样本。它不仅可以执行空中任务,还可以在近海 、难以到达和不安全的地点采集水样本,以营造安全的工作环境。 由环保署人员发明的 3D 打印水采本设备经过重复测试和修改。 为漏油事故及河流污染等紧急事件,从河流和海洋采集水样本。

Drones with water sampling equipment enables Environmental Protection Department investigators to water samples at inaccessible or unsafe locations. Drones with water sampling equipment not only could carry out aerial tasks, but also could obtain water samples at off-shore locations, inaccessible and unsafe locations in order to enable a safe working environment. EPD invented and 3D printed water sampling equipment has been tested and modified repeatedly. It has collected samples from rivers and sea for emergency incidents such as oil spill and pollution in river, etc.







## 应用无人机提高执法效率 Use of drones to enhance enforcement efficiency

环保署自 2020 年起利用「无人机」和「微型嗅探传感器」实时监 测船舶废气排放,并以电脑分析船舶燃料的含硫量,令执法人员可 更有效地对涉嫌违规的船只采取行动。

EPD has made use of drones integrated with miniature sniffing sensor to monitor vessel emissions in real time since 2020. Together with computer analysis of sulphur content of vessel fuel, enforcement officers can take effective actions against vessels that are suspected of breaching relevant regulation.

