

# MULTI-TERRAIN ROBOT

## 多地形採樣機械人

## Multi-terrain Robot with robotic arm for sampling

多地形採樣機械人的設計出自環保署，零件由中國香港大灣區提供及由中國香港中小企組裝，可進行遠程地底及自然溪流的污染監測。它的履帶和輪胎可以互換，適應各種地形，對地下渠道和河流進行遠程污染監測。它防水並配備機械臂收集液體和固體樣本，送到實驗室進行進一步分析。環保署已在元朗市運用這項新技術，成功追蹤污染排放地點。

With ideas of EPD, assembly of HKSME and components provided by GBA, Multi-terrain Robot with robotics arm for sampling conducts remote underground and natural stream pollution monitoring. It can adapt various terrains through interchangeable tracks and tires to conduct remote pollution monitoring in underground channels and rivers. It is waterproof and equipped with robotic arm to collect liquid and solid samples, which can be sent to the laboratory for further analysis. EPD has used this new technology in Yuen Long town to track the location of pollution discharges successfully.

