

改善海洋生态及渔业提升策略 第二期投放幼鱼先导计划



Marine Ecology and Fisheries Enhancement Strategy Fish Restocking Pilot Test Phase 2



香港机场管理局（机管局）正实行改善海洋生态及渔业提升策略，提升北大屿山水域生态价值及渔业资源。继2019年第一期投放幼鱼先导计划取得成功及2021年中在香港国际机场进口航道区第一区（位于南跑道西端的受管制区域）敷设人工鱼礁后，第二期投放幼鱼先导计划在人工鱼礁位置进行，以研究人工鱼礁是否适合投放的鱼苗栖息。由于香港国际机场进口航道区禁止船只进入，在该区域投放幼鱼能够减少鱼苗在投放后被商业捕鱼活动捕捉的机会及受船只活动的影响。

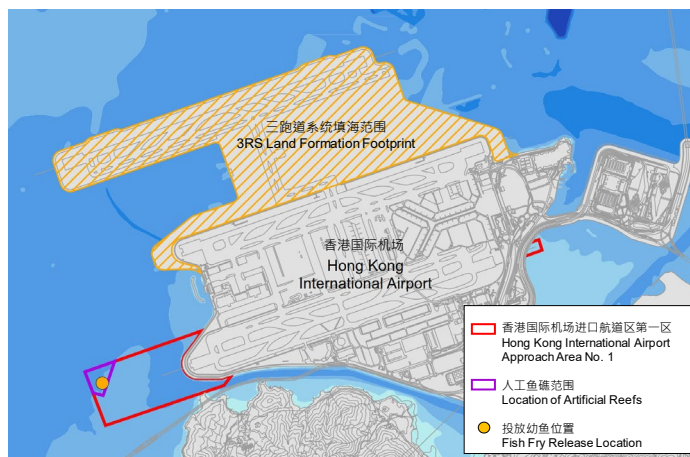
Airport Authority Hong Kong (AAHK) is implementing a Marine Ecology and Fisheries Enhancement Strategy intended to enhance the marine environment for the benefit of marine ecology and fisheries resources in North Lantau waters. Following the success of the fish restocking pilot test conducted in 2019 and the deployment of Artificial Reefs (ARs) within the Hong Kong International Airport Approach Area No.1, a restricted area at the western end of the South Runway, in mid-2021, phase 2 of the pilot test was undertaken at the deployed ARs, to investigate the suitability of the ARs as a habitat for the released fishes. As vessels are restricted from entering the Hong Kong International Airport Approach Area (HKIAAA), the risk of released fingerlings being captured by commercial fishing activities and impacts from vessel activities could be minimised.

计划在2023年中投放了约20,000条幼鱼，包括黑鲷、黄脚鲷、青斑和白花鱼。这些鱼种是本地物种，并具有商业和生态价值，但在投放水域已经枯竭。鱼苗投放的目的是提升整个北大屿山水域的生态和渔业价值。

Approximately 20,000 fish fingerlings, including black seabream, yellowfin seabream, green grouper and white flower croaker, were released in mid-2023. These species are native with high commercial value and ecological importance but locally depleted. The objective of restocking is to enhance the ecological and fisheries value in the North Lantau waters as a whole.



黄脚鲷 Yellowfin seabream 黑鲷 Black seabream 青斑 Green grouper 白花鱼 White flower croaker



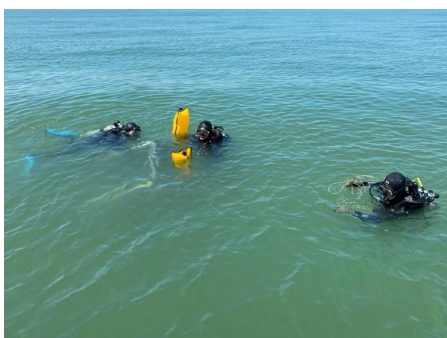
幼鱼在鱼排暂养以确保在投放前适应香港西面水域的海洋环境
Fingerlings were temporarily kept in fish farm for acclimatisation to ensure the fishes could adapt to the western Hong Kong waters prior to release



投放当天，幼鱼从鱼排小心地运往香港国际机场进口航道区的投放地点
Fish fingerlings were carefully transported from the fish farm to the release location at HKIAAA on the day of release



幼鱼从运鱼船转移到投放位置
The fingerlings were transferred from fish carrier for on-location release



潜水员将幼鱼带到人工鱼礁范围投放
Divers release the fish fingerlings underwater at the deployed ARs



机管局随后进行了为期六个月的监察，采用声学监察、远程水下影像及水下视觉普查，以评估投放幼鱼先导计划的成效。

After the release, a six-month monitoring using acoustic monitoring, remote underwater videos and underwater visual censuses was conducted to assess the effectiveness of the pilot test.

