

INNOVATION SNAPSHOTS

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INVESTING IN UNDERWATER TECHNOLOGY TO FIGHT CRIME IN CHILE

In their aim to fight crime in complex aquatic environments, Chile's Investigations Police (PDI) bolstered its underwater equipment capabilities by acquiring a marine robot (SeaLion-2) and underwater scooters. The robot has high-performance engines for tackling currents and a sonar for working in the water with zero visibility. Meanwhile, the scooters can reach a depth of 100 metres, with a maximum thrust of 25 kilos.

The underwater robot and scooters aid in environmental investigations by allowing to carry out surveys in sewage discharge ducts and multidisciplinary work between forensic divers and experts. Various complexities of the aquatic environment (e.g., underwater currents, depths, biodiversity, salinity and alkalinity) can alter or destroy important pieces of evidence. Thus, a synergy between the use of underwater technology and investigation procedures is key in ensuring proper treatment of evidence.



As regards investigations linked to organized crime, underwater robots and scooters can also contribute to the work carried out in port areas, specifically in inspections of ship hulls and detection of drug containers attached to these vessels. PDI's other underwater investigation initiatives cover environmental pollution in bodies of water, seabed exploration and sediment collection, underwater cultural heritage, and maritime drug trafficking.

Sources: <https://www.pdichile.cl/centro-de-prensa/detalle-prensa/2023/01/18/tecnolog%C3%ADa-de-vanguardia-para-operaciones-subacu%C3%A1ticas> ; <https://pdichile.cl/centro-de-prensa/detalle-prensa/2018/07/09/criminal%C3%ADstica-subacu%C3%A1tica-sale-a-la-luz>



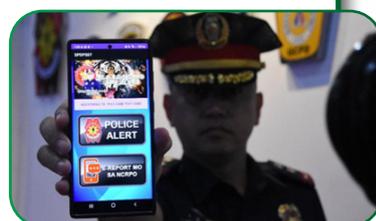
For more information please contact the Innovation Centre

NEW CRIME REPORTING APP LAUNCHED BY POLICE IN THE PHILIPPINES

The National Capital Region Police Office (NCRPO) of the Philippines recently launched an app to help citizens send a quick alert to the police by the touch of a finger. The SAFE NCRPO APP Alert allows users to call upon patrolling police officers nearest to them. In case an internet connection is not available, the app is able to send alerts via a short messaging system (SMS).

In the Philippines, neighbourhoods are grouped under a local administrative jurisdiction called 'barangay'. According to a representative from NCRPO, 'all barangay halls in Metro Manila are activated and registered as part of the project's first phase'. For the second phase of the project, the aim is to include hospitals, religious institutions, schools, and entertainment hubs. The NCRPO representative added that it is crucial to ensure that the SAFE NCRPO APP Alert is not used for pranks and malicious alerts.

Police in Metro Manila have conducted real-time simulation exercises to demonstrate the efficiency of the app. The Philippines' Interior and Local Government Secretary expressed that the app would boost police response to criminals who are also using technology. 'This app, imagine if you give each barangay, if there is a crime to be reported, immediately in three minutes in Metro Manila, there will be a response.' He hopes for the widespread use of app not just in Metro Manila but also in all parts of the Philippines 'so that up to the very last root the effect will be felt.'



Sources: <https://www.pna.gov.ph/articles/1192840>; <https://opengovasia.com/new-app-to-help-philippine-police-with-crime-reporting/>

INTERPOL YOUNG GLOBAL POLICE LEADERS: MAINTAINING TRUST IN THE CRIMINAL INVESTIGATION PROCESS

From 25 January to 2 February 2023, participants of the 3rd INTERPOL Young Global Police Programme (YGPLP) and an integrated 1st Alumni In-Person Meeting exchanged knowledge on maintaining trust in the criminal investigation process in a digitalized world. Co-hosted by the INTERPOL Innovation Centre and Central Bureau of Investigation (CBI) of India, the 3rd YGPLP provided avenues for maintaining a strong global professional network that continuously looks into pertinent emerging opportunities and challenges in law enforcement.



Held in India and attended by 59 young police officers from 44 INTERPOL member countries, YGPLP's group exercises and expert presentations aided the participants in analyzing the criminal investigation process and conceptualizing the role of trust within it.

KEY MESSAGE FROM THE YOUNG LEADERS:

- **The need for building systemic trust among police institutions, and with institutions in the community and other stakeholders.** This is not merely trust between individuals who may work for these organizations, but also between the organizations themselves to ensure both quick and high-quality results.
- **Honesty, empathy, and humility as institutional values.**
 - Honesty: Basis for cooperation, knowing one can rely on the promises and agreements made.
 - Empathy: Focusing on the needs of those the police are serving, especially as policing often operates in stressful or high-stake situations.
 - Humility: Being transparent and willing to rectify errors, to earn the trust of the community and other partners.
- **Importance of proficiency in technology and developing new methods.** This will enable police officers to better interact with our communities, particularly the younger generation, keep up with criminals using these new technologies, and work most effectively in this digital age.



Facing today's realities of growing transnational crime, the young leaders called for law enforcement worldwide to **capitalize on their network and capabilities** to strengthen the trust that forms the bedrock of global policing. In the words of the participants:

"The INTERPOL Young Global Police Leaders Programme is a perfect example on how to build trust between police organizations all over the world – it will help us in the fight to build a safer world."

For more information, please see: <https://www.interpol.int/en/News-and-Events/News/2023/INTERPOL-Young-Global-Police-Leaders-Building-trust-in-an-age-of-disinformation-and-deepfakes>

INTERPOL CENTENARY GLOBAL VIDEO CONTEST FOR YOUNG POLICE LEADERS

INTERPOL calls young police officers from any of its 195 member countries to participate in a uniquely global contest. This contest is only one of the many activities in celebration of INTERPOL's centenary in 2023. Is your video going to be the winner? Will your video be shared all over the world?

For more information, please consult January 2023 Innovation Snapshots or email innovation@interpol.int



NORTHAMPTONSHIRE POLICE AIM FOR SUSTAINABILITY AND COMMUNITY VISIBILITY WITH HYBRID BIKES

Northamptonshire Police in the United Kingdom aim for sustainability by using petrol-electric hybrid motorcycles as they patrol to improve visibility, engage with citizens, gather intelligence, and fight crime. Developed in collaboration with a local company and other British engineering innovation firms, the WMC300FR is a three-wheeled bike designed to reduce carbon by up to 50% compared with non-hybrid counterparts.



The WMC300FR motorcycles have detachable batteries that use a standard three-pin plug for charging. As an innovative transport solution, they provide versatility and cost-efficiency without needing costly infrastructure for charging. With compact and easily removable batteries, spares can be moved and carried on the motorcycle or 'conveniently stored back at the station'. Officers can continue to use the motorbikes for patrolling without downtime for charging. As USB ports and a three-pin plug are also included in the design, the bikes provide busy neighbourhood officers mobile workstations, 'allowing them to spend even more time on their beat'.

Northamptonshire Police's Chief Constable emphasized the need for a sustainable fleet that does not only contribute to protecting the environment but also enables the police to be more visible, accessible, and available to the local communities they serve.

Source: <https://www.northants.police.uk/news/northants/news/news/2022/september-22/northamptonshire-police-introduces-innovative-petrol-electric-hybrid-motorcycles-into-its-operational-fleet/>; <https://www.northantslive.news/news/northamptonshire-news/northants-police-goes-green-world-7558244>

30/03

STRATalks
Futures Series
Session 13

IC Virtual Room



INNOVATION CENTRE
EVENTS

04/04

ChatGPT: Threats
and Challenges for
Law Enforcement

IC Virtual Room

20/04

AI Toolkit
Law Enforcement
Validation Meeting

IC Virtual Room

For more information,
please contact the
INTERPOL Innovation Centre



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10/05 TO 11/05

1st INTERPOL Law
Enforcement Forum:
Unmanned Systems

Riyadh, Saudi Arabia

* link to the website [here](#)

DID YOU KNOW?

The Hong Kong Police Force aims to be a 'Green Police' by raising environmental awareness among its staff, working on reducing fuel consumption and air emissions, engaging in recycling programmes, and collaborating with relevant organizations and stakeholders for environmental management.

Source: https://www.police.gov.hk/ppp_en/17_green_police/index.html

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