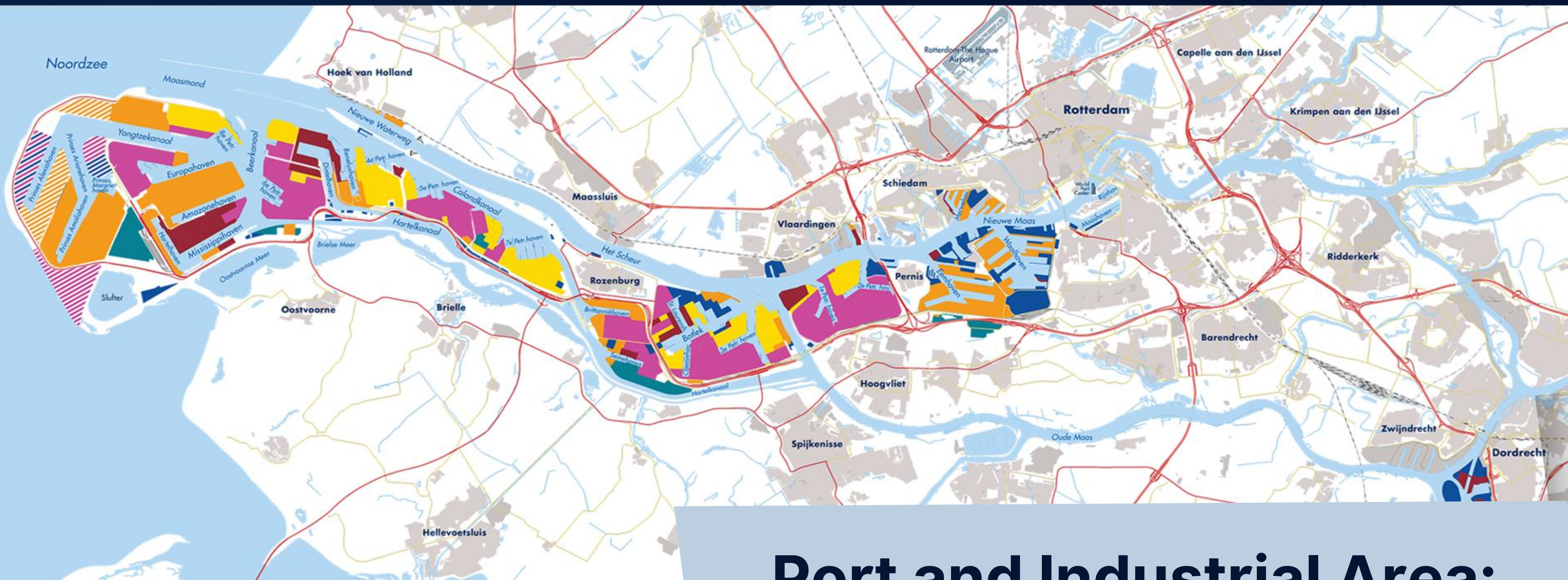




ROTTERDAM, THE SAFEST PORT TO FLY

DroneBoost – Port of Rotterdam





Port and Industrial Area: 42 Kilometers Long

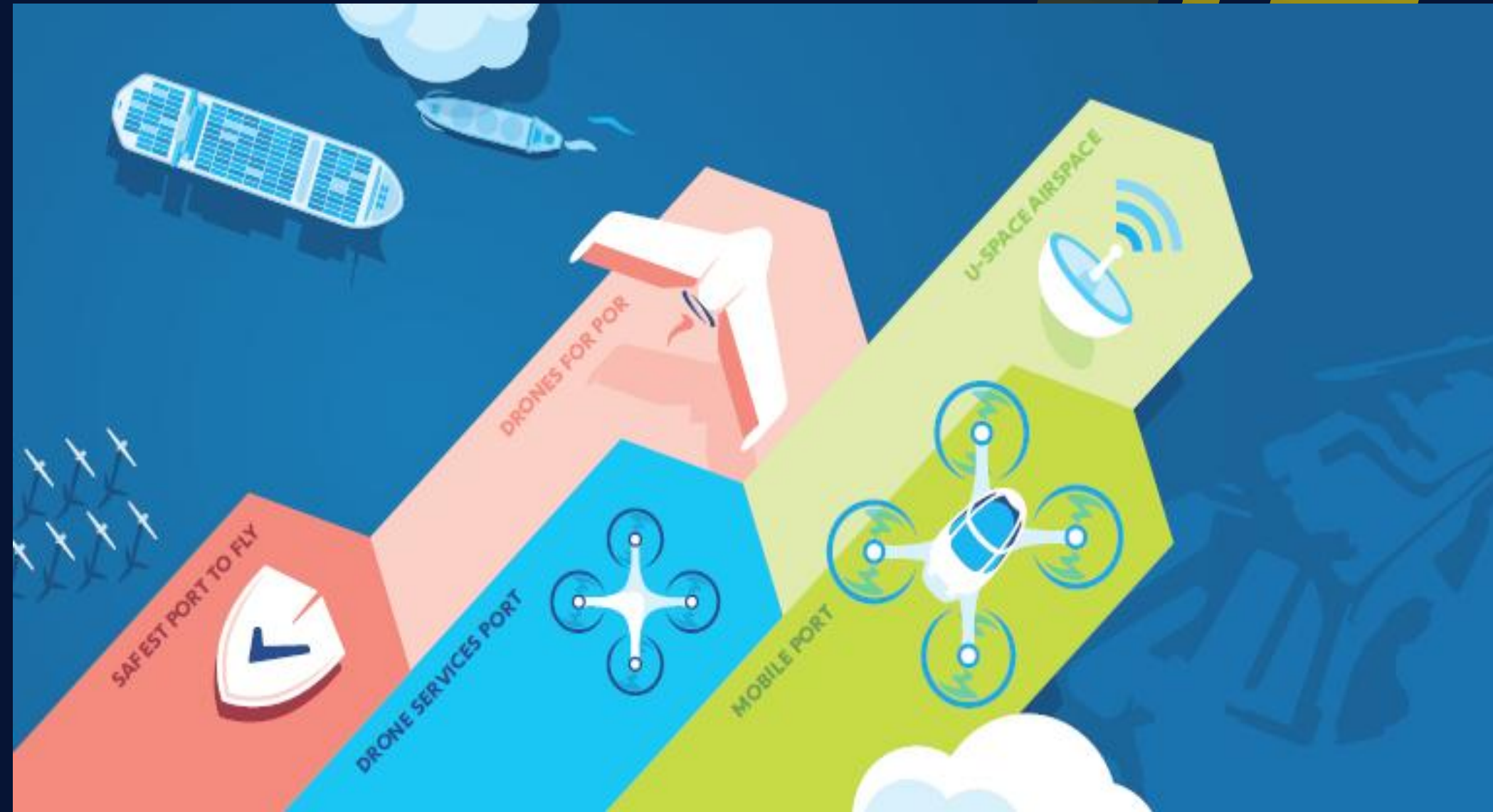
Drone Innovation program Port of Rotterdam

Goal: Role & value determination of drone activities in the Port of Rotterdam

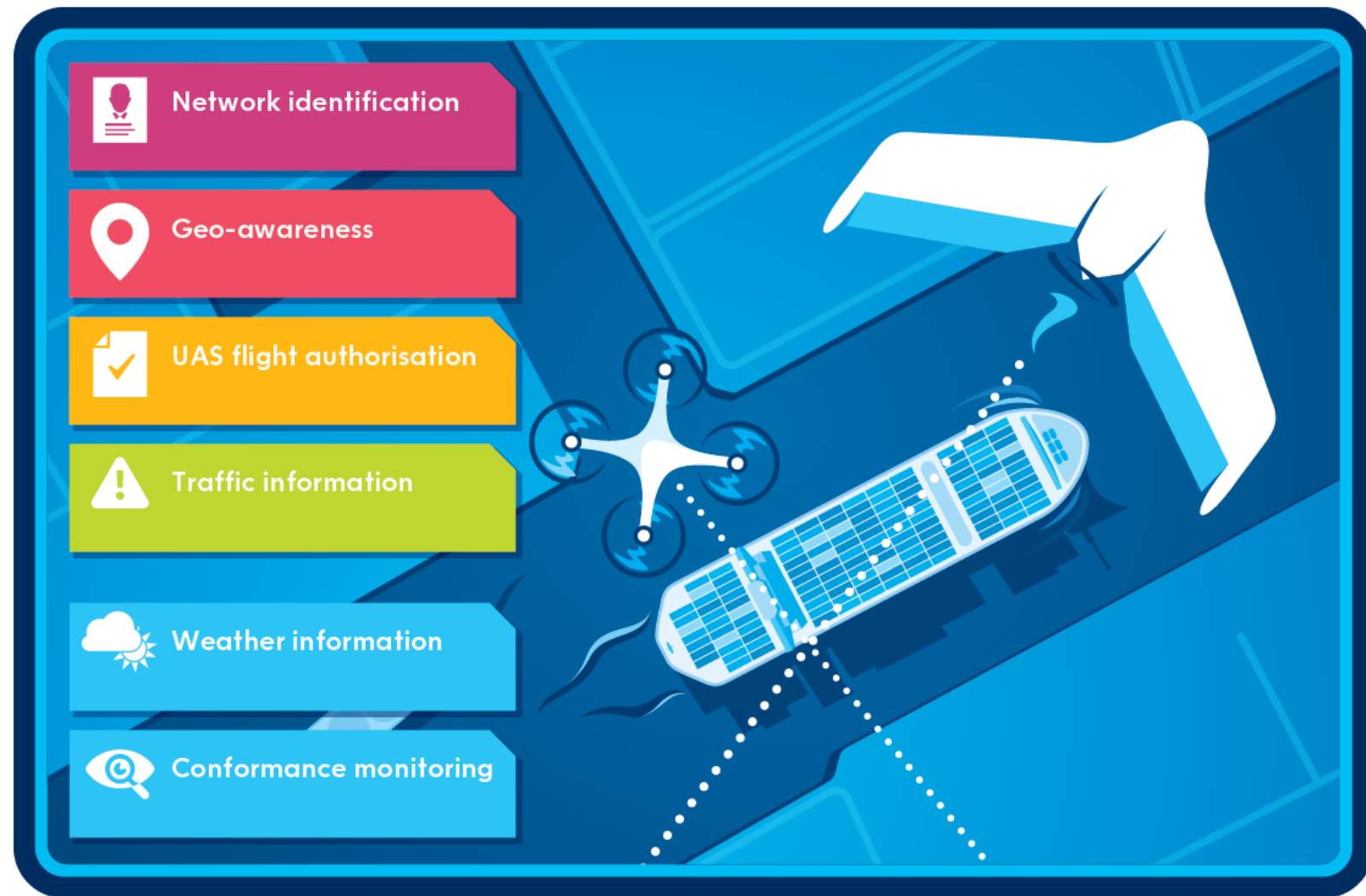
The program consists of 5 areas :

1. Rotterdam Safest port to fly: Laws and regulations, procedures and processes regarding the use of drones
2. Drones for Port of Rotterdam: Testing and validating own deployment & technology (VLOS/EVLOS/BVLOS)
3. Drone Services Port: Unlocking drone services for ecosystem Port of Rotterdam/NLD
4. U-space Airspace: Drone Traffic Control system for drones lower airspace (<150M)
5. The Mobile Port: Research ground infrastructure (needs & design drone Ports)

For further details on the areas, please refer to our [white paper](#)



U-SPACE AIRSPACE IN THE VERY LOW LEVEL AIRSPACE



U-Space;

Traffic control system for drones (UTM)

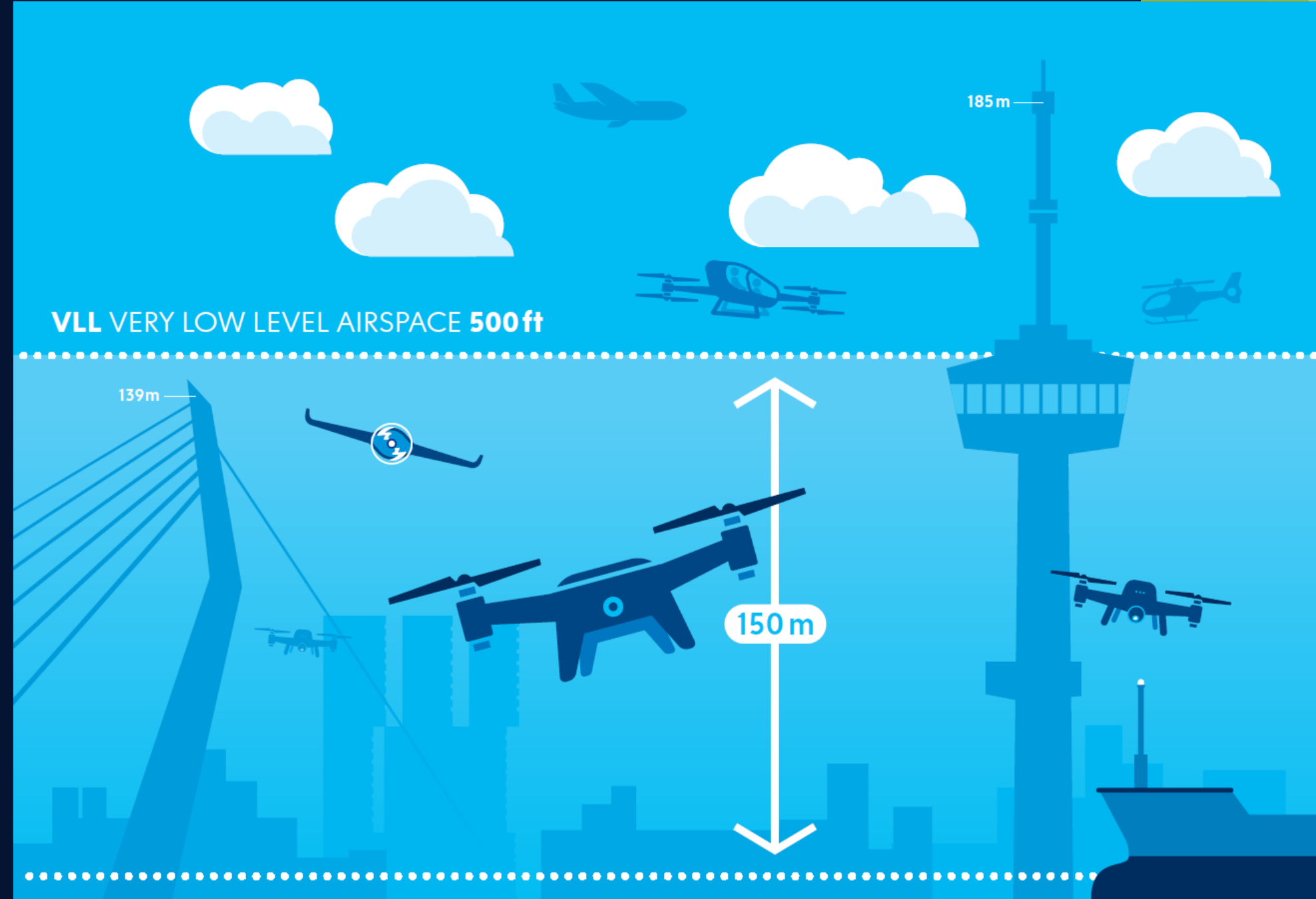
U-Space Airspace;

Geographical zone in which drone activities may only take place with UTM support services.

Airspace users, also manned aviation, can only enter the airspace using the support services and making them known to each other.

WHY IN A PORT?

- ✓ Demarcated area
- ✓ Under the management of port auth/HM
- ✓ Safety must be guaranteed
- ✓ Airspace monitoring important
- ✓ Increase in supply and demand for drone services
- ✓ Network for incident abatement and combat against drug crime important
- ✓ Pilotage and SAR by helicopters
- ✓ Act as forerunner area for cities





Foundation of the Future

At DronePort Rotterdam, a foundation and company founded by INSPIR8ION with the support of the Port of Rotterdam, we are dedicated to becoming a leading center for innovation and impact, focused on developing and applying autonomous and uncrewed systems (AUS) in the Port, City and Region. We utilize emerging technologies such as drones, AI, IoT, robotics, quantum computing, and cyber security solutions.

By doing so, we strive to improve societal and economic conditions through collaborative projects with businesses, governments, and knowledge and educational institutions. We have the support of our local, regional and national governments and European institutions, such as the European Commission, EASA and EUROCONTROL.

Our Portfolio

We collaborate with you to advance autonomous and uncrewed systems in real-world operational environments. By turning innovative technologies into practical solutions for multi-domain applications across various sectors, and dual-use integrations serving both civilian and military contexts, we improve safety, efficiency, and sustainability on multiple fronts.

01. Innovation Ecosystem

Our ecosystem connects stakeholders for single-use, multi-domain and dual-use operations of autonomous and uncrewed systems.



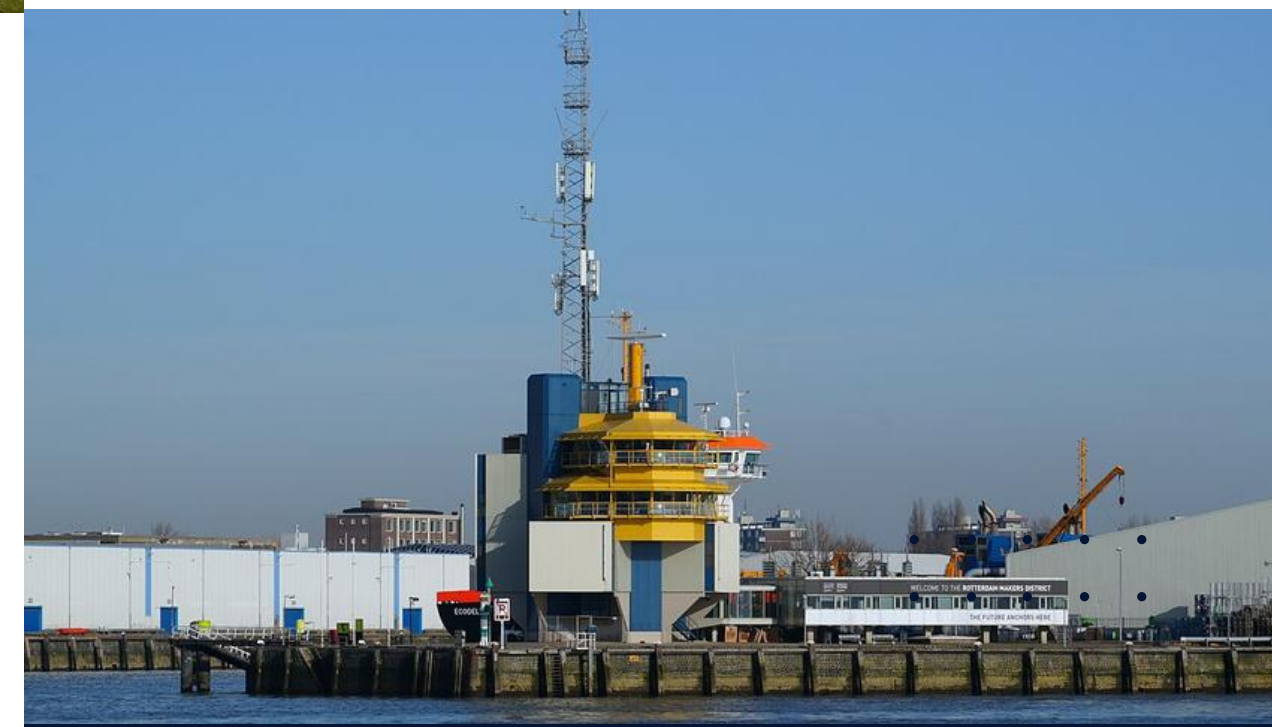
03. Test and Experience Center

Test and experience autonomous and uncrewed systems in an operational environment to evaluate performance, safety, security, and scalability.



02. Center of Excellence

Our hub drives the research, training, and best practices needed for the effective deployment of autonomous and uncrewed systems.



Regional, National and International Collaboration

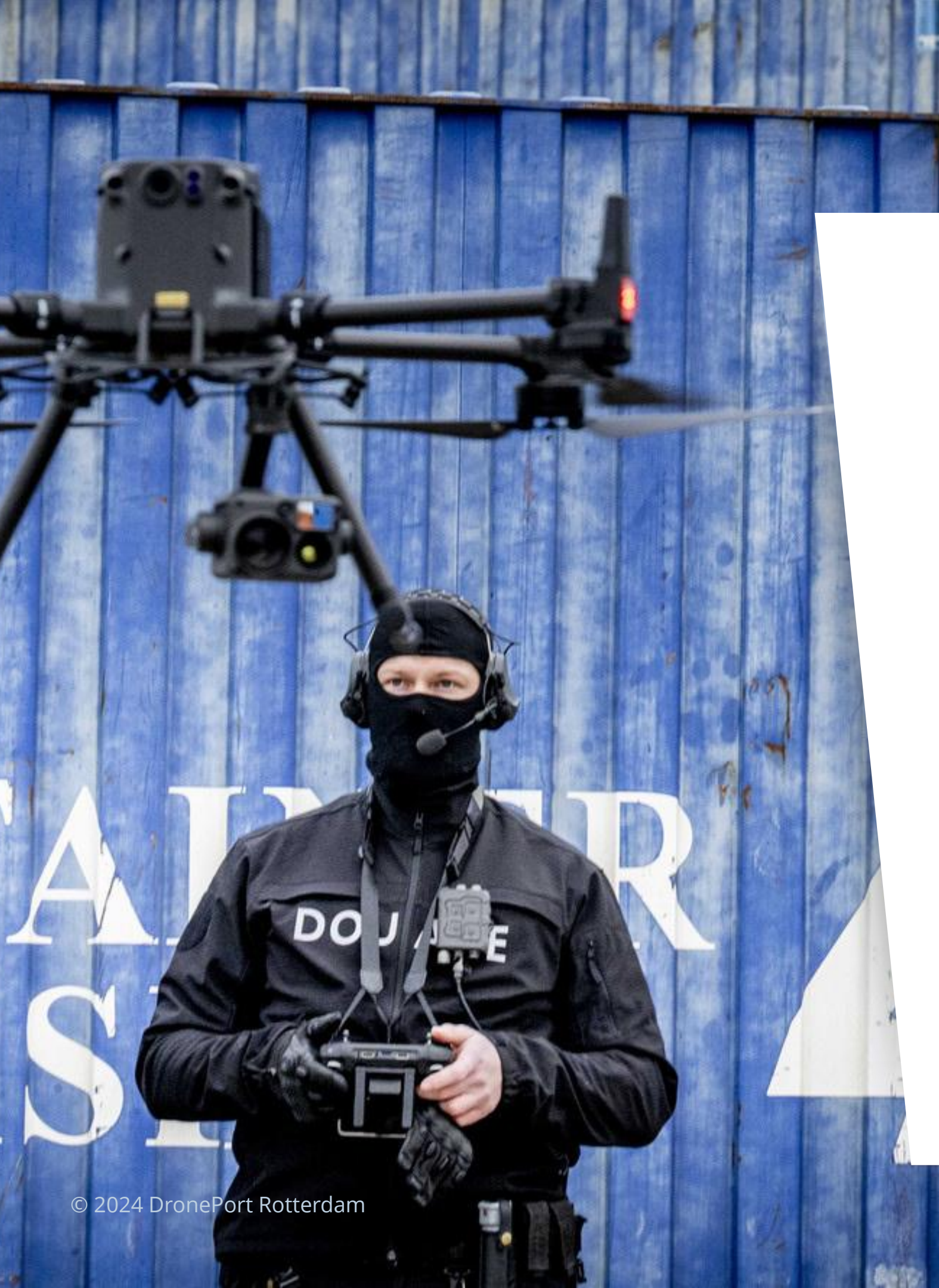
We want to become the go-to autonomous and uncrewed systems region in Europe. To make this happen, DronePort Rotterdam is willing to take the lead and work closely together with all partners in the Zuid-Holland ecosystem and showcase to Europe and the world what we have to offer in our region. Making the region attractive to foreign companies, skilled-workers and investors to join us during this inspiring journey.



Developing Three Areas in Rotterdam

In collaboration with partners, we are set to develop a substantial test and implementation area designed for the a robust and largest drones operating on land, in the air, and on and under water. These facility will not only cater to technical trials but also include a vertiport/dronepads (Lekhaven & Pistoohlhaven). At another venue (Ferro Dome), we will provide office spaces and an incubator program aimed at fostering growth for both national and international companies.





Preventing and Fighting Subversive Crime with Drones

We have launched an innovative pilot projects with several partners aimed at combatting and preventing subversive crime, such as people trafficking, drugs trafficking, and the activities of 'collectors', using drone technology. This integration facilitates real-time data exchange and heightened security measures, crucial for monitoring suspicious activities and movements.

POWERED BY:



Douane
Ministerie van Financiën



Rijkswaterstaat
Ministerie van Infrastructuur en Waterstaat



Ministerie van Defensie



Gemeente
Rotterdam



Port of
Rotterdam



DroneHorizon x World Port Days 2025

DroneHorizon: 4 Sep. | World Port Days: 5–7 Sep.

We organize DroneHorizon and co-host the Innovation Dock during the World Port Days back-to-back. While the World Port Days introduces the Port of Rotterdam innovations to a wide audience, DroneHorizon focuses on how autonomous and uncrewed innovations across land, water, and air, serve critical infrastructure, such as the Port of Rotterdam, urban logistics, and regional needs.

Themes

- Sustainability, energy transition, and maritime innovations.
- Autonomous and unmanned systems along with supporting technologies.
- National security, defense, and international collaborations.
- Education and talent development.



Upcoming Events

DronePort Rotterdam various meet-ups and events each year. During these insider events, we bring together government, business, and academic institutions through our multi-stakeholder approach. These forums provides our partners and stakeholders with valuable opportunities for strategic networking, insight sharing, and collaborative innovation.



DronePort Connects Event

Theme:

Port Security and Resilience

19 juni 2025 in Rotterdam

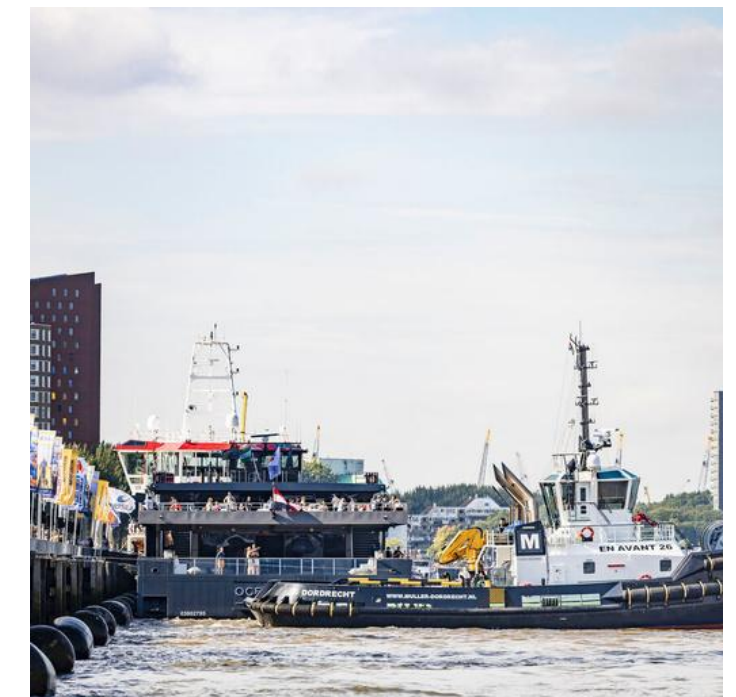
Theme:

Dual-use and multi-domain operations

Additional Event Lineup

Organized or co-hosted by DronePort Rotterdam:

- | | |
|-------------------------|---|
| Summer 2025: | Opening Test & Experience Center at Lekstraat, Rotterdam |
| 4 Sep. 2025: | DroneHorizon, Rotterdam |
| 5–7 Sep. 2025: | Innovation Dock, World Port Days |
| 17–20 Nov. 2025: | NATO C2COE Conference, Rotterdam |



QUESTIONS?

