

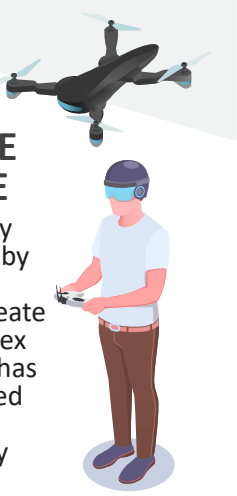
DRONE INDUSTRY OVERVIEW

The drone industry is on the brink of a transformative era, driven by surging demand and major advancements in technology and regulations, including beyond visual line of sight (BVLOS) operations, and sophisticated management systems. Set to soar over the next decade, this growth promises significant economic benefits for governments and the creation of diverse job opportunities in regional communities, marking a period of widespread innovation and economic enrichment.

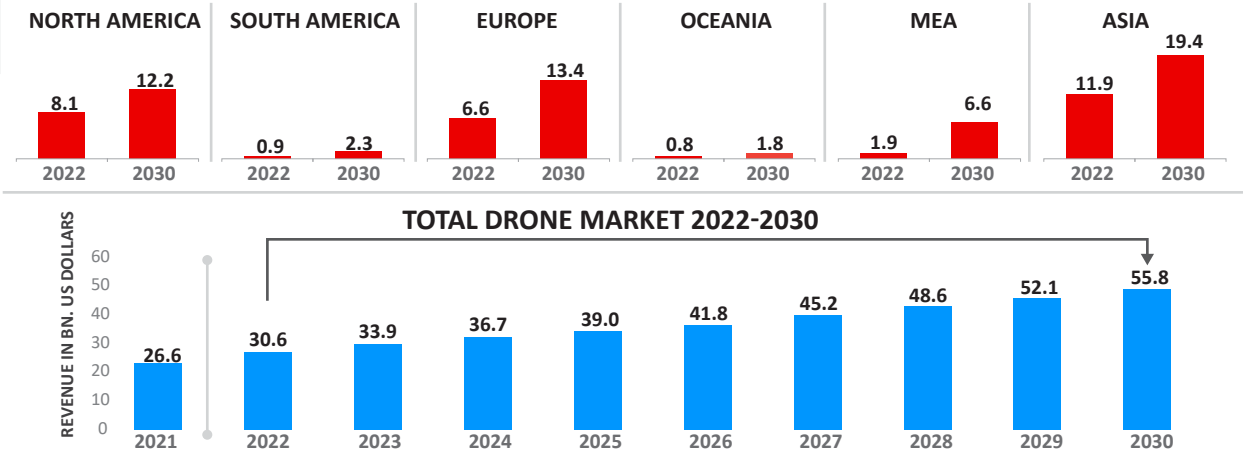


PIONEERING INNOVATION IN THE DRONE INDUSTRY WITH DEMONSTRATED VALUE

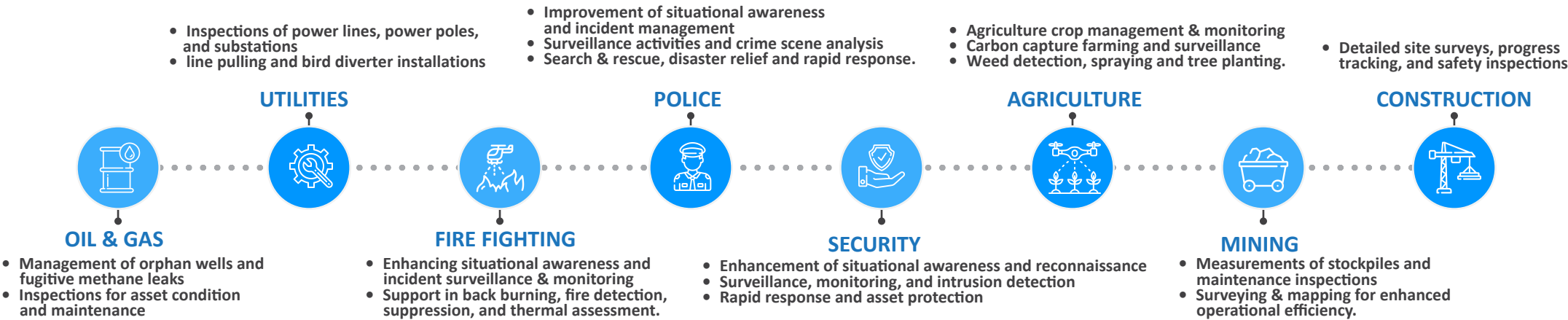
Founded in January 2016, Global Drone Solutions has rapidly established itself as a leader in the drone industry, certified by the Civil Aviation Safety Authority (CASA). We specialise in harnessing Remotely Piloted Aircraft (RPA) technology to create custom training and service solutions and addressing complex challenges across various sectors. Our innovative approach has not only significantly reduced operational costs and mitigated risks but also improved safety, catalyzing new business opportunities, and contributing to job creation in the rapidly expanding drone industry.



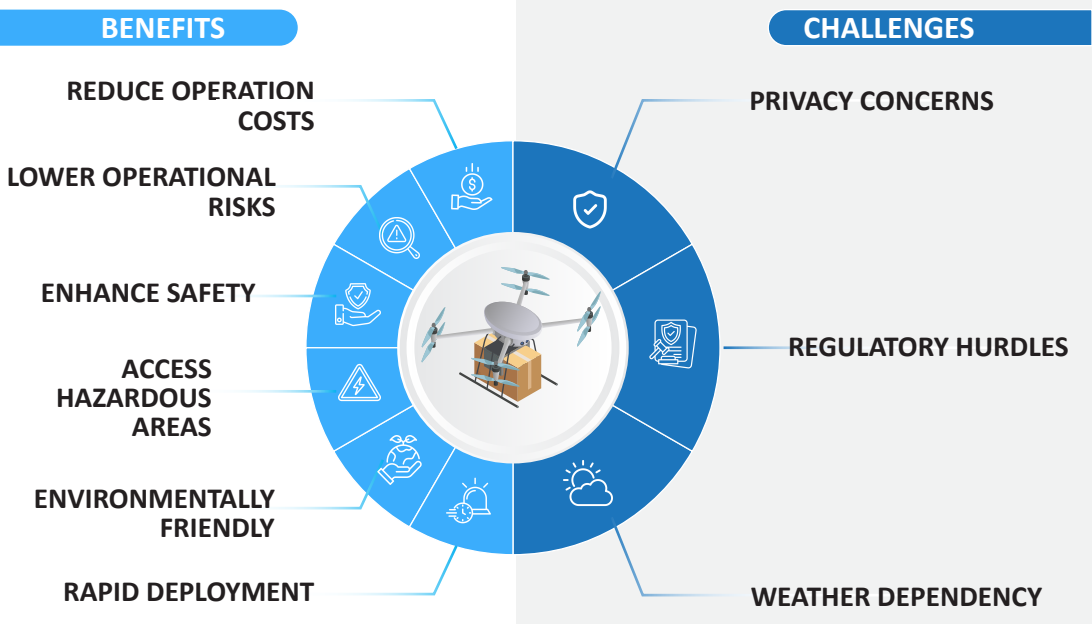
DRONE MARKET GROWTH BY REGION IN BILLIONS USD – 2022 TO 2030 – CREDIT DRONEII.



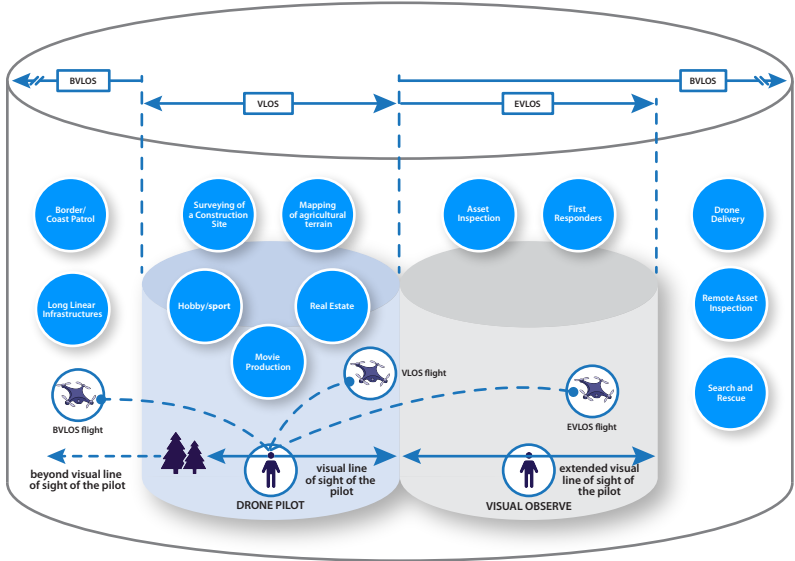
TOP INDUSTRIES UTILISING DRONES



BENEFITS AND CHALLENGES OF DRONES

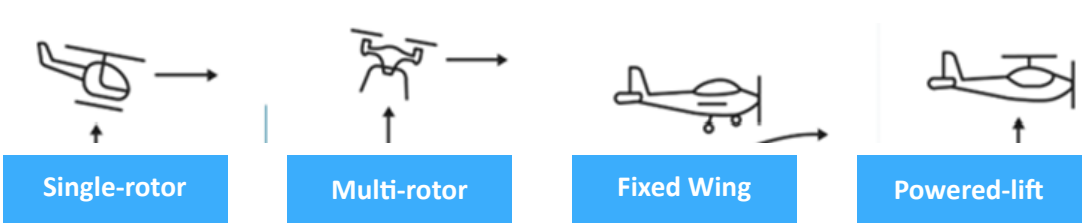


VLOS = Visual Line of sight - EVLOS = Extended Visual Line of Sight - BVLOS is = Beyond Visual Line of Sight
Credit: Droneii, showing how complexity increases as flight distance increases.



BVLOS operations allow drones to fly beyond the operator's sight, this unlocks new commercial applications. This advancement is key to industry growth, unlocking large-scale and previously unviable use cases.

DRONE CATEGORIES



DRONE CATEGORIES BY WEIGHT

SIZE	WEIGHT
MICRO	UP TO 250 GRAMS
VERY SMALL	BETWEEN 250 GRAMS AND 2 KG
SMALL	BETWEEN 2 AND 25 KG
MEDIUM	BETWEEN 25 AND 150 KG
LARGE	MORE THAN 150 KG

TOP 10 DRONE MANUFACTURERS

DJI	YUNEEC	AV AeroVironment	PowerVision	Parrot	AUTEL ROBOTICS	Skydio	DELAIR	FLYABILITY	FREEFLY

POPULAR DRONE CAMERAS & SENSORS.

	HD CAMERAS:	Advanced sensors for superior filmmaking and aerial photogrammetry, ideal for diverse industries.
	LIDAR:	Precision mapping in GPS-denied environments, perfect for detailed terrain analysis and obstacle avoidance.
	THERMAL CAMERAS:	Capture heat signatures for search and rescue, surveillance, and environmental monitoring.
	MULTI & HYPERSPECTRAL SENSORS:	Essential for agriculture & environmental monitoring, enabling detailed analysis from crop health & disease detection to mineral exploration & water assessment.
	GAS & CHEMICAL SENSORS:	Detect and measure gases such as methane and carbon dioxide, plus identify toxic leaks, crucial for safety and environmental monitoring.