

Drone Powered Solutions

International outlook: how can the global drone technology provide solution for all

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Drone Powered Solutions – PwC Global Center of Excellence

Established in Poland – uniquely comprehensive legal and regulatory framework created as early as in 2013

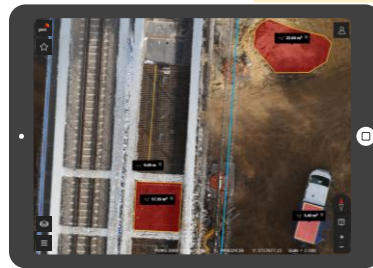
Drones as tool for collecting data – greater efficiency and unprecedented level of quality

Direct access to image data thanks to proprietary application – **PwC Geospatial.App**

First PwC team of its kind – combination of experience in strategy and operational consulting with technical capabilities.



PwC GEOSPATIAL.APP



„With Poland leading the way in drafting laws for the commercial use of UAV, non-military applications may revolutionize thousands of industries.”

Bloomberg

The total addressable market of commercial drone applications exceeds \$127 bn – some of simple standards are required to unlock it



Application of drone technologies depend on industry specifics, rather than country / geographical location – prevailing VLOS!

Construction & Infrastructure 	Telecommunication 	Legal 
Capital projects monitoring and supervision	Maintenance and asset inventory processes	Support of investment and construction supervising
Maintenance management process	Line-of-sight testing process	Litigation and evidence support
Asset inventory	Energy 	Banking 
Rail 	Capital projects monitoring and supervision	Support of investment and construction supervising
Capital projects monitoring and supervision	Maintenance management process	Litigation and evidence support
Maintenance management process	Asset inventory	Mining 
Asset inventory	Oil & Gas 	Production process monitoring and early detection of deviations and threats
Agriculture 	Maintenance management process	Support in investment supervision and infrastructure monitoring
Fields monitoring	Asset inventory	Security 
Spraying process	Vegetation supervising	Security & emergency process
Compensation	Chemicals 	Maintenance management process
Insurance 	Capital projects monitoring and supervision	Transportation 
Claims handling	Maintenance management process	Quick transport of medical needs
Cyclical monitoring of the capital projects	Asset inventory	
Underwriting	Data digitalization	

Stakeholders in the world of civil use of drone technologies

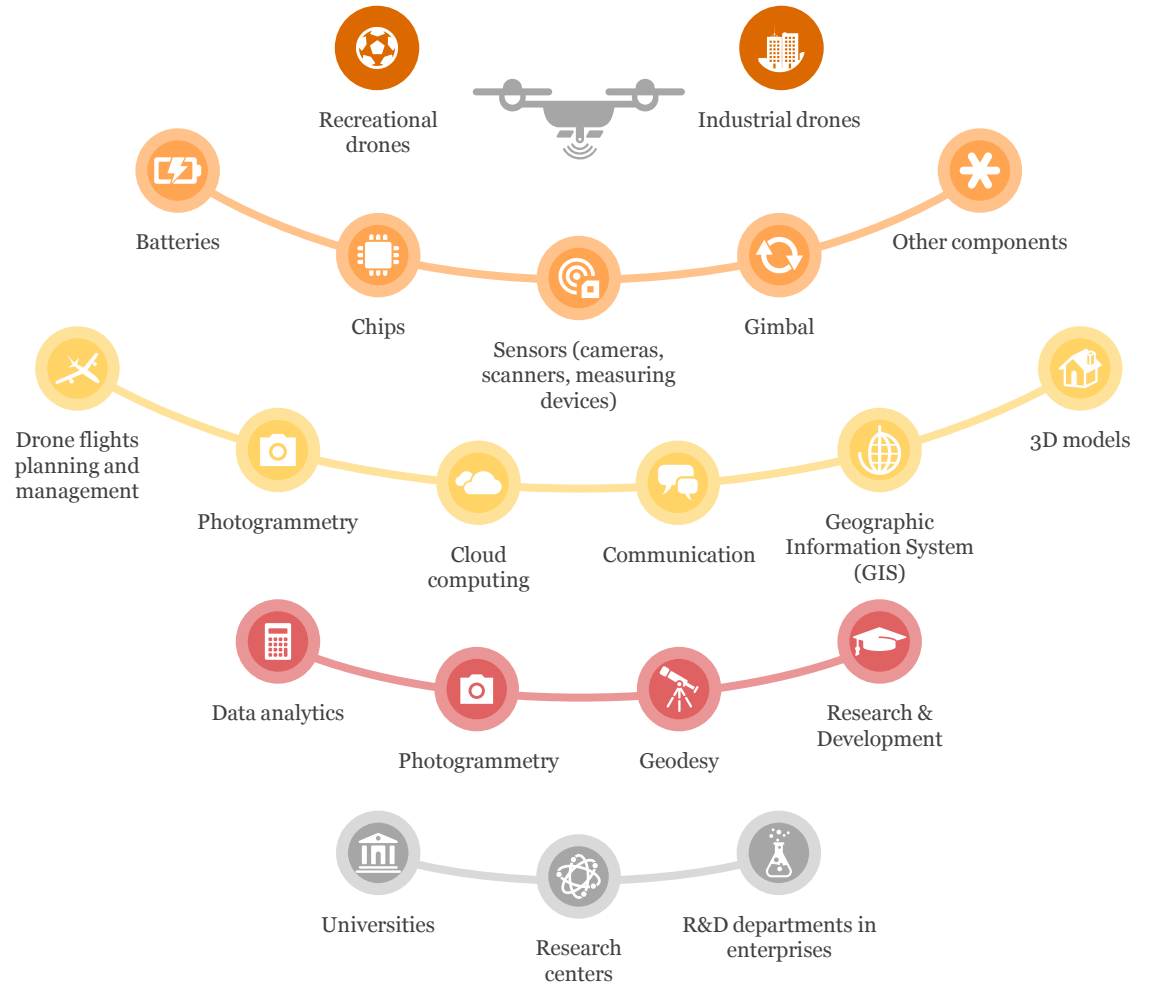
Producers

Components

Software

Services

Organizations



Harmonization at a global level is necessary to accelerate implementation of drone solutions



Gradual implementation of legislation and technology standards – along with the real needs of industries



Careful analysis of the real issues and risks related to drone operations – avoid „media” point of view



Let's focus on VLOS first



Streamline the process from the user perspective – less exemptions more standard



Use soft ways of promoting standards – i.e. governmental policy promoting standards for the use of drone technologies in public tenders for supervision of construction of linear infrastructure (roads, railways)

Thank you!



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For more, see: <http://www.dronepoweredsolutions.com>