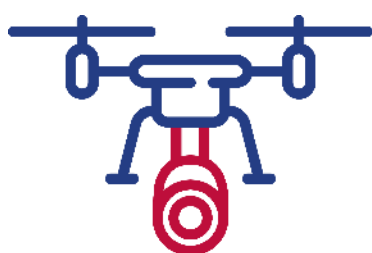
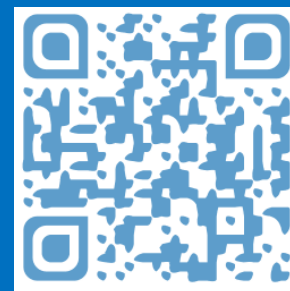


European Drones for Inspection & Security



To join the PRESTIGIOUS dynamic!
Fill in this online survey



<https://forms.gle/nEnztXmAeUX2NQie6>

SUMMARY

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ABOUT PRESTIGIOUS

PRESTIGIOUS is an European project co-funded by the Cosme program of the European Union to

STRENGTHEN THE COMPETITIVENESS AND SUSTAINABILITY OF "DRONES" SMES IN EUROPE



In **2** markets

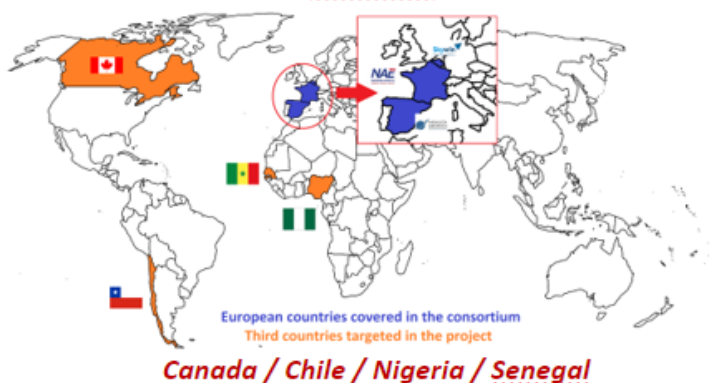


Inspection



Security

for **4** non-european countries

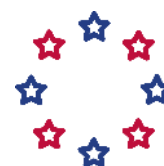


with **3** partners



4 MAIN ACTIONS :

- **Assessment of the value chain for drones in Europe**
 - *Identify the strenghts of European SMEs*
- **Organization of 3 missions to non-European countries**
 - *Identify potential end users outside Europe*
 - **Noth America** (Canada)
 - **Central Africa** (Nigeria, Senegal)
 - **South America** (Chile)
- **Supply of individual support for European SMEs**
 - *Organization of training seminars for the transfer of information*
- **Preparation of a joint internationalization strategy**
 - *Roadmap to establish an European strategy for drones*



Type of structure :

	Academic		Small and medium-sized enterprise (SME)		Large enterprise
--	----------	--	---	--	------------------

VALUE CHAIN

Prestigious project formalized the value chain of two high potential drone market :



Security market

Security relative to Civil or State security

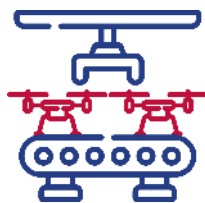


Inspection market

Inspection relative to any other market application that is using drones :

- Industry,
- Mines, Quarries, Construction sites,
- Agriculture,
- ...

STRUCTURE OF THE VALUE CHAIN :



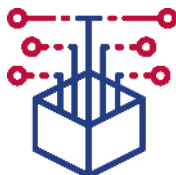
OEM manufacturer



OEM supplier



Software editor



Aeronautical data service provider



Data analysis



Maintenance center



Training



Pilot / operating company



Certification company



Testing center



Consulting

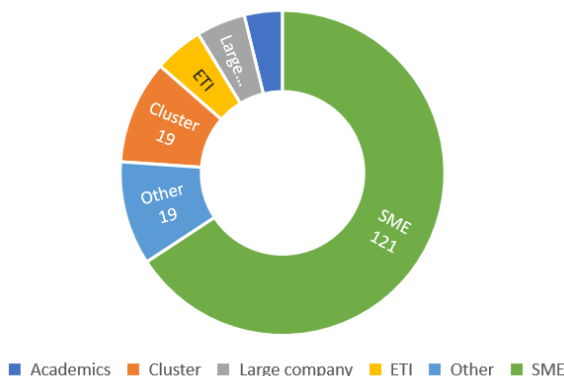


R&D / Innovation

DATA on drone actors in Europe #1

First analyses - July 2022

Actors involved in PRESTIGIOUS

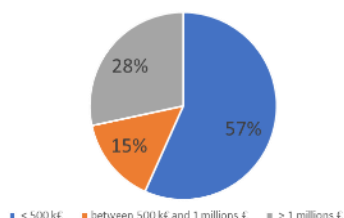


Distribution by country



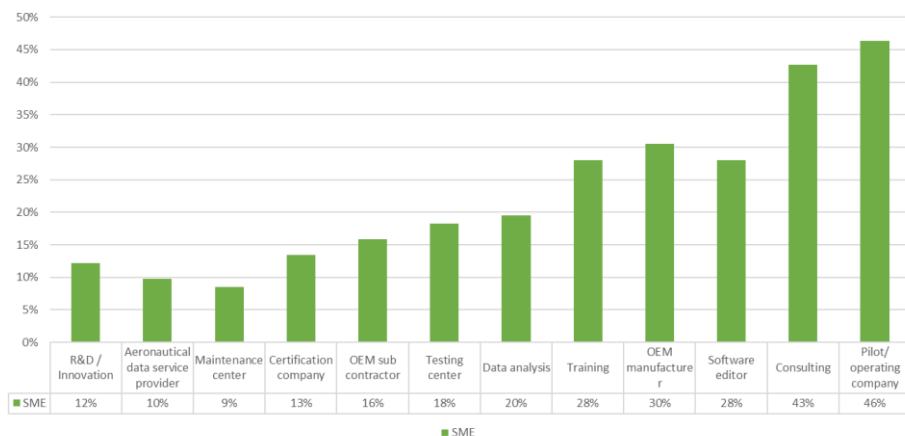
The SME target is well achieved.
French actors seem to be the most active

Turnover SME



An average of
17 employees

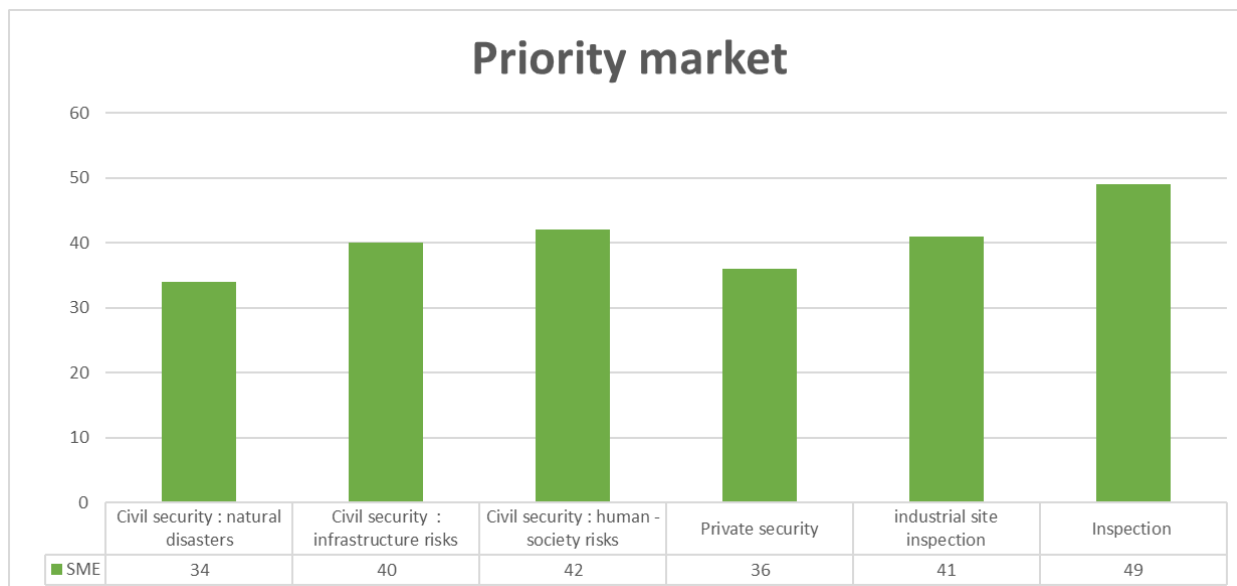
Drones activity



A business mainly composed of drone operators,
with a few highly differentiated players throughout the value chain

DATA on drone actors in Europe #2

First analyses - July 2022



Value chain mapping

		R&D / Innovation	Software editor	OEM manufacturer	OEM supplier	Certification company	Maintenance center	Testing center	Data analysis	Aeronautical data service provider	Training	Consulting	Pilot / operating company
ABOT – SNT2			x	x		x	x			x	x		
AEROMAPPER			x										
AgentFly Technologies	x	x									x	x	
ALERION (Fr)	x	x	x								x		
ALERION (Sp)		x	x			x		x		x			x
ALTAMETRIS		x						x		x	x	x	
CAVOK UAS	x		x		x					x	x		
DELSAT INTERNATIONAL DRONES					x	x		x		x			x
DIGICAPTURE											x	x	
Drone XTR										x	x	x	
ECA ROBOTICS			x	x		x				x	x		
HIONOS		x	x		x								
Inanix SAS													
Instadrone								x		x	x	x	
Intelligent Monitoring Systems Drones, S.L.	x		x							x	x		
Interneet				x									
I-TECHDRONE													x
MADES Malaga Aerospace, Defense & Electronics Systems S.A.				x									
Meshine Swarm Technologies		x						x	x	x	x		
MF Drone								x		x	x	x	
Multinnov		x	x								x	x	
NITROFIREX S.L.			x										
PILGRIM TECHNOLOGY			x	x		x		x			x	x	
ROAV7	x							x	x				x
Rouen drone											x	x	
Sagita			x										
SCALIAN		x	x	x	x		x	x			x		
Studec	x	x					x	x		x	x	x	
SYLPHAERO	x		x				x			x	x	x	
UASolutions					x						x		
Ventura Associate France					x		x		x	x			x

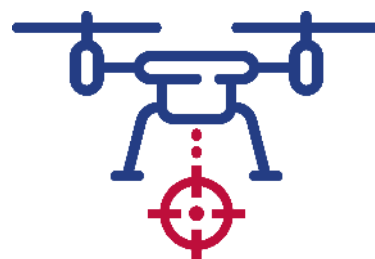
Mapping of drone actors



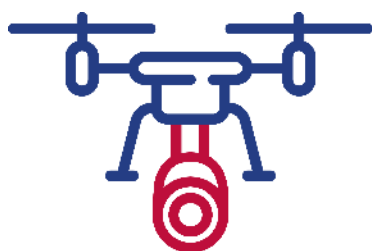
To consult the online mapping

Click [HERE](#) or scan

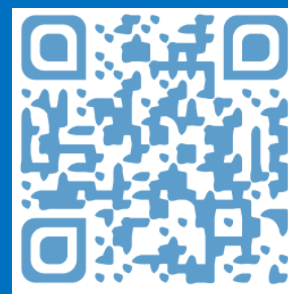




European drone actors involved in PRESTIGIOUS



To join the PRESTIGIOUS dynamic!
Fill in this online survey



<https://forms.gle/nEnztXmAeUX2NQie6>



ABOT – SNT2



Julie GUEVILLE

Mail : julie@abot.fr / contact@abot.fr

Tel : +33 2 35 00 38 80

Website : www.abot.fr/

Address : 7 rue de l'Aubette
76000 Rouen – France

Type : SME

DESCRIPTION OF THE ACTIVITY :

- UAV Solutions and team of Experts for professional uses : Surveying, Public safety, Energy, Agriculture...
- Supplier for goods & services as drones, payloads, rovers, software, homologation, rental, regulation advisor...
- First French reseller of the world leader DJI



INNOVATIVE ASPECT / SPECIFICITY :

We have the expertise of product and application in different industries.

We own an engineering department to develop specific demand : for example, we can adapt your own payload on a DJI drone or being a consultant to help you in developing your project.



AEROMAPPER



Nicolas SONNET

Mail : n.sonnet@aeromapper.com

Tel : 06 18 32 99 45

Website : www.aeromapper.com

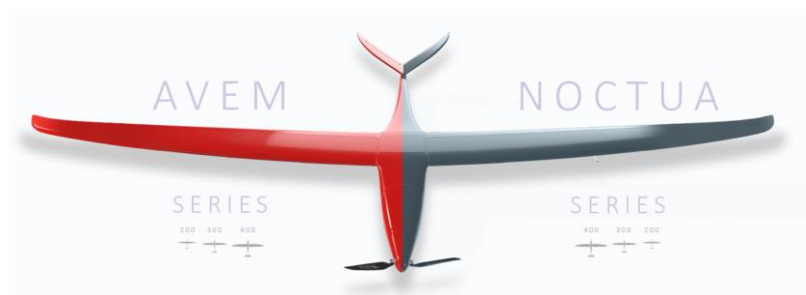
Address : 15 rue du Buisson aux Fraises,
91300 Massy – France

Type : SME

DESCRIPTION OF THE ACTIVITY :

Aeromapper

A perfect UAVs for both civil and defense operations



Since 2012, we design and manufacture innovative solutions that uniquely address our customers' needs for a cost-effective, high-performance UAV that generates actionable intelligence.

Our drones have flown over 4,000 flight hours, allowing professionals in mapping, monitoring, and surveillance solutions that deliver aerial data for enhanced decision making.

With safety and reliability as our first focus, we developed all of our products in-house to ensure seamless integration between aircraft and subsystems, resulting in the greatest possible performance in the most demanding environmental conditions.

INNOVATIVE ASPECT / SPECIFICITY :

Always Innovate!

Innovation is at the heart of aeromapper's DNA. We are constantly working on new projects to improve our system's performance and develop solutions for new markets.

All of our technologies have been designed in-house which allows us to constantly improve our airframes, autopilots, softwares and integrate new payloads.



AgentFly Technologies



Přemysl VOLF

Mail : premysl.volf@agentfly.com

Tel : +420 605 286 241

Website : <https://www.agentfly.com>

Address : Karlovo namesti 16, Prague, 12000
Czech Republic

Type : SME

DESCRIPTION OF THE ACTIVITY :

- AgentFly Technologies offers technology for drone operation automation to extend the service portfolio of drone operating companies. We provide a security solution for continuous surveillance, including a fully autonomous drone and robotic ground station providing automated battery exchange. We develop customized hardware and software for industrial applications, including inspections (e.g., bridges, electric poles, wind turbines) and 3D modeling.



INNOVATIVE ASPECT / SPECIFICITY :

AgentFly Technologies uses artificial intelligence and robotics to develop state-of-the-art technologies. We integrate drone platforms using commercial or open-source autopilots and customized payloads (precise navigation, sensor rigs) based on customer needs. The drone is controlled by an in-house software system customized for the specific application.



AERTEC

Rodrigo ValdiviesoMail : rvaldivieso@aertecsolutions.com

Tel : +34 671 654 018

Website : <http://www.aertecsolutions.com>Address : Wilbur & Orville Wright 31,
Aeropolis. Seville – Spain

Type : Large enterprise

**DESCRIPTION OF THE ACTIVITY :**

- AERTEC, established in 1997, is an international aeronautics engineering company specialized in airports, aerospace industry and defence.
- AERTEC designs air worthy systems for aircraft, platforms for unmanned vehicles and high dynamic craft, in both the civil and military sectors.
- The TARSIS 75 and 25 are examples of the firm's light design, tactical RPAS developed with proprietary technology for observation and surveillance operations.

**INNOVATIVE ASPECT / SPECIFICITY :**

Configurable high performance fixed wing RPAS systems to provide versatile solutions

Capable to carry out different missions.

- Aircraft with high persistence over the objective.
- Next-generation onboard systems.
- Highly reliable systems.
- Positively evaluated in the RAPAZ programme by the Spanish MoD.
- Fully operational systems.



ALERION (Fr)



Anne-Sophie DIDELOT

Mail : annesophie.didelot@alerion.fr

Tel : +33 3 72 74 49 96

Website : <http://www.alerion.fr/>

Address : 92 Rue du Sergent Blandan,
Campus Artem, 54000 NANCY
France

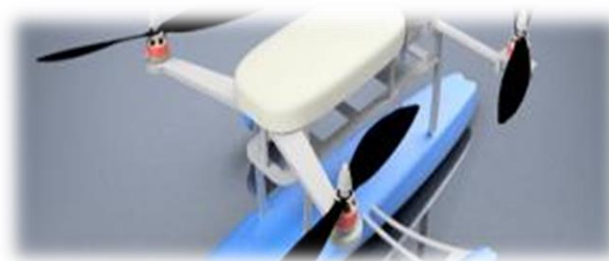
Type : SME



R&D innovation : consulting / software editor / OEM manufacturer

DESCRIPTION OF THE ACTIVITY :

- Alerion is a young innovative company that helps companies and research centers by developing custom drone solutions to match their needs, on the drone systems and operations sides.



INNOVATIVE ASPECT / SPECIFICITY :

Alerion has a differentiating business model, focused solely on research and development, but also a strong expertise linked to its numerous academic, industrial and strategic partners, innovative products that it develops that are adaptable to all markets, and the flexibility of its structure. We have also developed and designed a hybrid drone, capable of operating both in the air and on water, equipped with 5G technology (and LTE and WIFI compatible).



ALERION (Sp)

ALERION

Oier PENAGARICANO

Mail : oier@aleriontec.com

Tel :

Website : <https://aleriontec.com/http://www.xxxx.fr/>

Address : Paseo Mikeletegi, 73B Suite 304,
20009 San Sebastian – Spain

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Automated drone based inspections and digital twins for the energy sector



INNOVATIVE ASPECT / SPECIFICITY :

Able to accurately estimate energy production loss and remaining useful lifetime of components.



ALTAMETRIS

ALTAMETRIS

Flavien VIGUIER

Mail : flavien.viguier@altametrис.com

Tel :

Website : <https://www.altametrис.com/en/http://>

Address : 21 Avenue du Stade de France,
93200 Saint-Denis – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Altametrис, is a pioneer in the field of data collection, processing, and analysis, that empowers our client partners to optimize their industrial asset management. Altametrис is a subsidiary of SNCF Réseau and hence has a rich legacy in large infrastructure asset management. We provide end to end solution from capturing data using our diverse fleet of drones to treating data as desired by the clients for various applications like characterizing existing assets, creating digital twin, virtual models and used in predictive analysis.



INNOVATIVE ASPECT / SPECIFICITY :

Our agile data collection, information processing and knowledge generation solutions for professionals help to optimise asset management in line with industrial standards.



Delsat International Drones



Yuste FRANCISCO

Mail : delsat.aero@gmail.com

Tel : +34 696 177 002

Website : www.delsatinternational.com

Address :

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Provision of professional services with UAS/drone and development of projects for security, emergencies and sustainable logistics and smart mobility



INNOVATIVE ASPECT / SPECIFICITY :

Carrying several years of developing projects with UAS, having received several innovation awards and having a highly qualified team



DIGICAPTURE



Yves LEMAITRE

Mail : y.lemaitre@digicapture.fr

Tel : 06 63 19 36 22

Website : www.digicapture.fr

Address : 4 Rue du stade,
94260 Fresnes - France

Type : SME

DESCRIPTION OF THE ACTIVITY :

- DIGICAPTURE, is a company specialized in drone architecture and construction solutions..
- We carry out technical inspections and 3D modeling by photogrammetry or laser station optimized for the building sector.



INNOVATIVE ASPECT / SPECIFICITY :

Our specialty is architecture and building, all of our teams come from this background and have significant experience in this sector. We are able to send you the most efficient data for your projects.



Drone Xtr



Marin DAVID

Mail : mdavid@dronextr.fr

Tel : 06 35 32 71 34

Website : <https://www.dronextr.fr/>

Address : 94 rue Bernardin de Saint Pierre,
76600 Le Havre

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Drone XTR is a company specialized in the control of airspace for uavs.
- The company was established in 2013 and has 10 years of experience in model aircraft and civilian drones.
- The company developed a patented solutions and already equips many sensitive sites: nuclear power plants, seveso sites, state buildings, VIPs, industrial areas...



INNOVATIVE ASPECT / SPECIFICITY :

Drone XTR developed its proper solutions : high range, easy to install, attractive price. Drone XTR improves its solutions on daily basis and also select the best solution in the world through strategic partnerships. Drone XTR has deployed numerous solutions and therefore have a lot of data and experience in the drone detection industry.



ECA ROBOTICS



Mikael MONTAGNER

Mail :

Tel : 06 72 86 25 47

Website : <https://www.ecagroup.com>

Address : 4 Rue René Razel, 91400 Saclay
France

Type : Large enterprise



DESCRIPTION OF THE ACTIVITY :

- ECA GROUP is renowned for its expertise in robotics, automated systems, simulation and industrial processes.
- Its products are used by a demanding international clientele requiring the highest levels of safety and efficiency, mainly in the sectors of defence, maritime, aerospace, simulation, energy and industrial equipment.
- The Group has always been at the forefront of innovation ever since it was founded in 1936. It has built up the trust of its customers around the world thanks to the reliability and performance of its solutions, at minimum cost. Right now, our R&T teams are imagining robotics systems for the year 2030, to meet our customers' needs even more effectively.
- This commitment to reliability and efficiency is put into operation by all the men and women of the ECA GROUP. It is summed up by the group's slogan: Make Sure.



INNOVATIVE ASPECT / SPECIFICITY :

We are a world reference in mine warfare and proudly serve major Naval Forces worldwide: our intelligent systems enable our drones to work together to succeed in mine clearance missions without putting crews in danger zones.

We also provide proven solutions for Defence, Aeronautics, Maritime and Industrial players such as training simulators, power converters, robotics systems and many other smart solutions.

Our customers appreciate our expertise in robotics and automated engineering, naval architecture, aircraft assembly, industrial processes, simulation, and more...

Another thing our customers like about us is we do what we say."



HIONOS




Valentin BROSSARD

Mail : valentin.brossard@hionos.com

Tel : 06 35 32 71 34

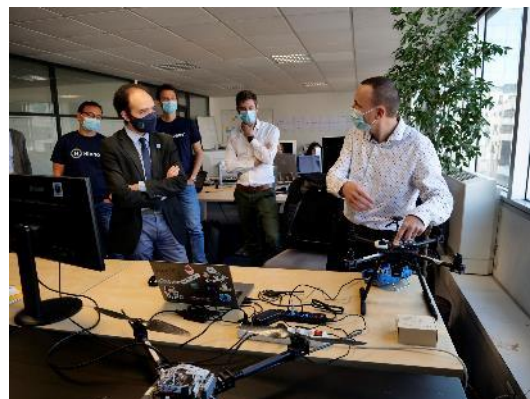
Website : <https://hionos.com>

Address : 4 avenue du Doyen Louis Weil,
38000 Grenoble - France

Type : SME 

DESCRIPTION OF THE ACTIVITY :

- Hionos helps every drone manufacturer to build a Flight Controller meeting most demanding European drone safety regulations, while ensuring cost and time control.
- Safety critical operations are the key for a thriving drone industry and safety critical flight controllers are an enabler, but it is a major challenge for any kind of company in terms of skills, development time and costs.
- We provide them with a solution that helps them to have a custom, certifiable, DO-178C compliant autopilot at an accessible cost.

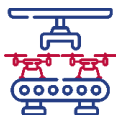


INNOVATIVE ASPECT / SPECIFICITY :

Thanks to our sound experience in safety critical software development for airplanes and drones, we provide manufacturers a mix of process, development environment and already developed software allowing to meet safety regulation objectives.

This development environment includes 90% of the Flight Controller software and gives manufacturers the ability to develop by themselves, and without any external intervention, the 10 missing percent that are aircraft dependent.

Our development environment is already tested with success by different customers (big corporates and small companies).



INANIX

**Aurélien TRICAULT**Mail : a.tricault@inanix.fr

Tel : +33 2 30 96 66 28

Website : <https://www.inanix.fr>Address : 48 rue d'Antrain
35700 Rennes – France

Type : SME

DESCRIPTION OF THE ACTIVITY :

- Custom drone manufacturing, includes: software development, sensor integration, CAD, electronic components
- Two-ready-to-fly drone products :
 - Forensic one (see picture) specialized in crime scene recognition
 - Boating one, able to take-off and land automatically from a boat

**INNOVATIVE ASPECT / SPECIFICITY :**

Our main capital gain comes from the full software and computer integration including : front-end, back-end, autonomous....



Instadrone



Cedric BOTELLA

Mail : cedric.botella@instadrone.fr

Tel : 06 64 94 96 32

Website : www.instadrone.fr

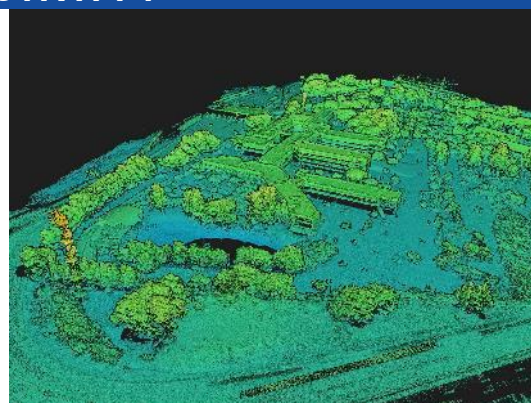
Address : 06 rue du Coussat
34290 SERVIAN

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Instadrone is a company specializing in technical services by aerial, terrestrial, aquatic and underwater drones, as well as in data processing:
 - TELECOMMUNICATION (panoramic, FH sighting, Pathloss report, map update...)
 - TOPOGRAPHY (Lidar, RTK photogrammetry, network, plan,...)
 - INSPECTION (pipe, structure, 3D modeling...)
 - AGRICULTURE (geo-detection, multispectral, trichogram,...)
 - SAMPLING (water, pollution, gas detection, sediments,...)
 - TRAINING FOR PROFESSIONALS



Based in BEZIERS, our network includes 27 agencies in France and agencies in Spain, Italy, Poland, Morocco, Benelux, Oman, Tunisia and Dakar.

INNOVATIVE ASPECT / SPECIFICITY :

Instadrone is the largest network of licensed operators in France and has a design office to enhance the data. All operators operate under the same protocols so that the quality and rates are consistent throughout the territory.



Intelligent Monitoring Systems Drones, SL



JL MONTESINOS

Mail : jl.montesinos@imsdrones.com

Tel : +34 660 601 834

Website : www.imsdrones.com

Address : Parque Científico de la Universidad de Valencia Catedrático Agustín Escardino, 9 Edificio 1 despacho 2.28, 46980 Paterna (Valencia), Spain

Type : SME



DESCRIPTION OF THE ACTIVITY :

- We design and manufacture VTOL drones of less than 25 kg and 3 m of wingspan, for militar or civil use.
- We adapt them to our customers needs. We provide longest flight time with batteries.
- We also provide Command and Control Centers for drones, inhibition systems and consulting services.



INNOVATIVE ASPECT / SPECIFICITY :

There's no other competitor in market that manufactures silent drones less than 25 kg with up to 2 hours of flight autonomy,



Interneest



Interneest

Autonomous flights in complex environments

Nicolas SCZANIECKI

Mail : nicolas@interneest.fr

Tel :

Website : <https://interneest.fr>

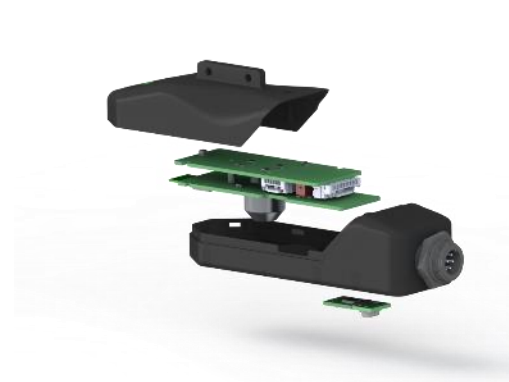
Address : 22, rue Eugène Freyssinet
75013 Paris – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Interneest is a VTOL UAS equipment provider in operation since 2016.
- The first solution developed is a robust and accurate GNSS free positioning system. The embedded system allows automated take-off and landings on moving platforms and in harsh environment.
- More than 50 systems are currently in operation on various platforms using open source to certified autopilots.



INNOVATIVE ASPECT / SPECIFICITY :

Interneest is the only company using acoustic technology and fusing it with Ultra Wide Band (UWB). This technological dissimilarity and hardware redundancy increase the safety and robustness to your architecture.

The team has a strong expertise in sensor fusion and signal treatment.

Interneest a ISO 9001 certified company.



i-Tech Drone



Loïc RICHARD

Chief Development Officer

Mail : loic.richard@i-techdrone.fr

Tel : +33 6 20 77 57 56

Website : <http://www.i-techdrone.fr>

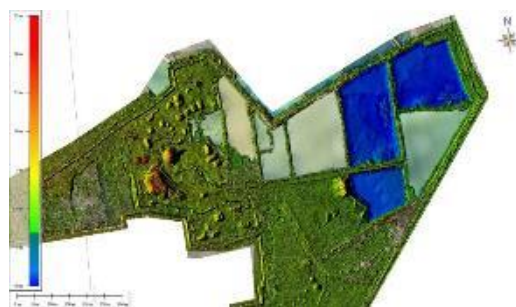
Address : 7 rue Louis Médous,
65310 Laloubère – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- I-TECHDRONE is a consulting firm specialized in the implementation of remote-controlled systems. I-Techdrone operates in the sectors of hydrology, topography, building and civil engineering. Its fleet of drones, its sensors, equipment and vehicles allow it to respond to all market services: inspection, mapping, lidar, modeling, topographic plan, telecom inspection, site monitoring, linear surveillance...



INNOVATIVE ASPECT / SPECIFICITY :

I- TECHDRONE uses a unique sensor to measure water surface heights and create flood masks. This sensor is an innovative combination of specific LiDAR / Camera sensors and also embeds a precise GNSS sensor and an inertial control unit to correct the movement of the drone. Its accuracy is centimetric. Thanks to the flexibility and ease of deployment of the drone, the system can acquire data over long distances, regardless of the conditions of the terrain and the accessibility of the water body. The drone can also be deployed from a boat, allowing it to map large lakes.





MADES



Adrian GARCIA

Mail : agarcia@maDES.es

Tel : +34 659 08 79 28

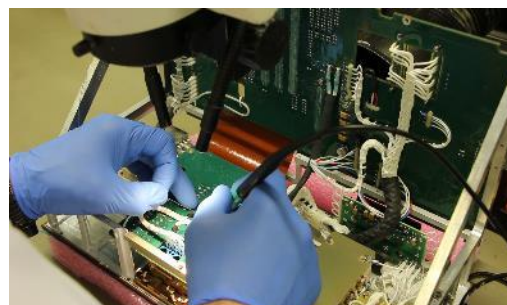
Website : <https://maDES.es/>

Address : Avda Juan Lopez Penalver, 12
29590 Malaga – Spain

Type : SME

DESCRIPTION OF THE ACTIVITY :

- MADES (formerly Raytheon Spain) provides high reliability Electronic Manufacturing Services for critical Aerospace and Defense applications. MADES offers design, industrialization, manufacturing, testing, integration and lifecycle support services of electronic products to prime contractors in Europe and North America.



INNOVATIVE ASPECT / SPECIFICITY :

Design for Manufacturing and Test, High reliability, international experience in major programs, wide range of services and high manufacturing capabilities and expertise.

MADES Certifications:

- ISO 9001
- AS 9100
- AQAP 2110
- Nadcap 7120 Electronics
- IATF 16949



MESHINE SWARM Technologies



Burak YORUK

Mail : burakyoruk@meshine.tech

Tel :

Website : <https://www.meshine.tech/en/>

Address : Teknopark Izmir, A8, No:20
Turkey

Type :

SME



DESCRIPTION OF THE ACTIVITY :

- Agricultural spraying activities multi-vehicle surveillance activities Image detection technologies with Edge Computing Specialized UAV Software development.



INNOVATIVE ASPECT / SPECIFICITY :

Swarm tech, deeptech about A.I and Autonomy Level, both remote detection and intervention.



MF Drone



Luc MULLER

Mail : contact@mf-drone.com

Tel :

Website : <https://mf-drone.com/>

Address : 10 rue du Buet
74100 Ville-la-Grand – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Drone service provider and consulting company specialized in technical solutions. We mainly operate for general contractors, electrical network managers and social landlords. We provide inspection reports, photogrammetry models, mapping and 3D volume measurement reports along with traditional aerial footage.



INNOVATIVE ASPECT / SPECIFICITY :

We are qualified specialists, passionate with what we do, and we place our client satisfaction above everything else. Extensive skills in drone mapping. Our strengths are tailor made solutions developed for our clients. We have experience abroad both with MF Drone and from our previous jobs.



MULTINNOV



Maxime BIGNARD

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Tel : +33 7 70 10 55 28

Website : <https://multinnov.com/fr/>

Address : 14 bis Rue de l'Église, 76460 Névilles

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Multinnov specialist in UAV and rover for confined environments inspection. Our solutions are adapted to inspection in confined areas with different vehicles (land and air).
- We stand out for our low price compared to our competitors. We are service providers for these activities. Our solutions are adapted to inspection in confined areas with different vehicles (land and air). We stand out for our low price compared to our competitors. We are service providers for these activities.



INNOVATIVE ASPECT / SPECIFICITY :

We are qualified specialists, passionate with what we do, and we place our client satisfaction above everything else. Extensive skills in drone mapping. Our strengths are tailor made solutions developed for our clients. We have experience abroad both with MF Drone and from our previous jobs.



NITROFIREX S.L



Luis M. BORDALLO ALAVAREZ

Mail : luisbordallo@nitrofirex.com

Tel : +34 606 440 846

Website :

Address : Islas Baleares 4,
30720 Santiago de la Ribera
(Murcia) Spain

Type : SME



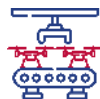
DESCRIPTION OF THE ACTIVITY :

- NITROFIREX introduces a totally new concept: Unmanned Glider Containers containing a large amount of extinguishing agent that are launched from helicopters (one by one like a bucket-bamby) or in sequence, from the rear ramp of transport aircraft.
- These are autonomously directed to the source of fire to drop their content in a safe and precise way and then return autonomously to base to be reused.



INNOVATIVE ASPECT / SPECIFICITY :

NITROFIREX stands for an innovative and globally unique solution that enables active aerial fire-fighting at night time by combining manned and unmanned aviation and already existing drone state-of-the-art UAS technology



**PILGRIM
TECHNOLOGY**
PROFESSIONALS DRONES & ROBOTS

PILGRIM Technology

Anne-Marie HAUTE

Mail : contact@pilgrim-technology.com

Tel : +33 643 658 888

Website : <http://www.pilgrim-technology.com/>

Address : 3 rue Thomas Edison,
44118 La Chevrolière – France

Type : SME

DESCRIPTION OF THE ACTIVITY :

- Pilgrim Technology is a specialist and leading player in industrial inspection.
- For the safety of the staff, for quality data collection and to save time, we develop tools adapted to the realization of our mission like drones and robots.
- We carry out visual inspections of infrastructures, thickness measurement, thermography, topography, 3D surveys of buildings ...



INNOVATIVE ASPECT / SPECIFICITY :



We offer aerial, terrestrial, crawler and underwater drones and robots.

We support you all along the value chain from mission definition to the development of a tailor-made solution, but also for data processing and staff training.

Autonomous robots (Slam), underwater photogrammetry, photogrammetry of bright/reflective objects, thickness measurement.



ROAV7

ROAV7

Andréane FERREIRA

Mail : andreane.ferreira@roav7.com

Tel :

Website : <https://roav7.com>

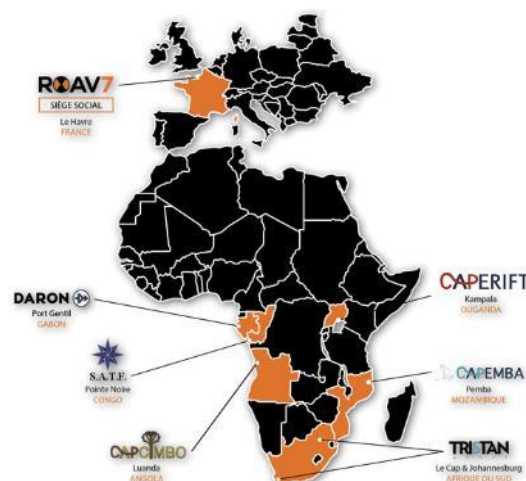
Address : 120 boulevard Amiral Mouchez,
76600 Le Havre – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- "Created in 2016, ROAV7 is a company specialized in data acquisition and processing collected by drones in complex environments.
- ROAV7 offers to its clients a precise and complete overview of their facilities without interrupting their production, lowering human risks and costs.
- We allow our clients to globally see their facilities regardless of accessibility, to predict their facilities' evolution in the future and to optimize inspection processes.
- Specialized in the Oil and Chemicals industry, ROAV7 operates on different and various fields such as offshore, infrastructures, renewable energies, the maritime industry, raw materials and agriculture both in Europe and Africa."



INNOVATIVE ASPECT / SPECIFICITY :

Data analysis with high precision and resolution : orthomosaic, 3D models, DTM, Inspection reports conception





Rouen Drone

ROUEN DRONE

Ahmed MICKAEL

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Tel :

Website : <https://rouendrone.com/>

Address : 15 rue des Halles
75001 Paris – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Professional pilot of drone for 2 years, my activity is growing, my services : video photo reportage, event, 3d model, technical inspections, immovable, industrial security.

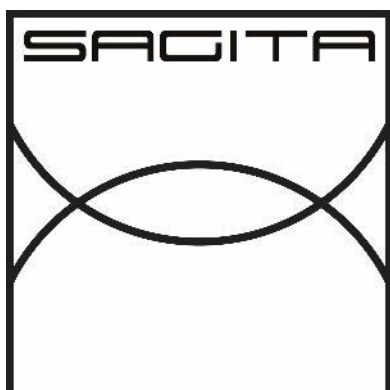


INNOVATIVE ASPECT / SPECIFICITY :

I am alone in my structure and ready to go on the move.

My best references :

- agreement service of the senior defense and security official for flight in nuclear plants
- international company industrial site,
- agreement military for flight in prohibited area

**Hubert ANTOINE**Mail : h.antoine@sagita.be

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Website : <http://www.sagita.be/>Address : 7, Chemin de la cloche,
B-4130 Esneux - Belgique

Type : SME



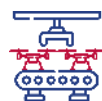
DESCRIPTION OF THE ACTIVITY :

- Engineering: Aerodynamic and structural design of centrifugal compressors and of contrarotating radial turbines. Design of innovative coaxial helicopter rotors and control system. Prototyping and test of such. We develop the S110 drone for surveillance of extended areas, naval or terrestrial.



INNOVATIVE ASPECT / SPECIFICITY :

The rotor drive system of the S110 uses a thermodynamic Joule cycle that makes use of a compressor, a heat source from the engine and a set of counter-rotating expansion turbines that drive the rotor blades of the UAV. This thermodynamic rotor drive technology is patented and replaces the mechanical drive of the helicopter rotor.



SCALIAN



SCALIAN

David CHEREL

Mail : david.cherel@scalian.com

Tel : +33 6 0326 37 81

Website : <https://www.sclalian.com>

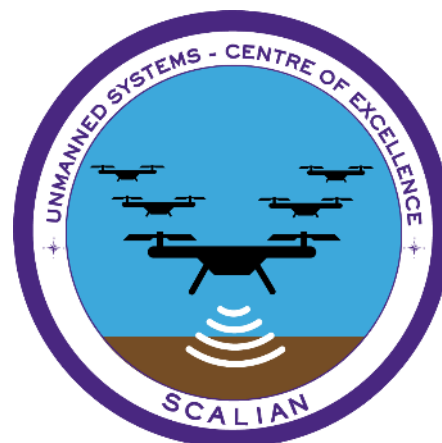
Address : 6/8 rue Firmin GILLOT
75015 PARIS – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- SCALIAN Group has established a comprehensive market position by combining Consulting and Engineering, enabling to address every layer in a company.
- We advise our customers by helping them design the transformations they need to adapt their businesses and build the solution with its ecosystem. SCALIAN has numerous assets. One dedicated for PRESTIGIOUS partners is a software (software called EZ CHAINS) that turn any drones into autonomous drones and collaborative with swarm functions. This software is easily embedded in any drone business. Scalian has proven track records on this solution and services in the drone industry in logistics and security. Major innovative companies use it already.
- Scale your drone business !



INNOVATIVE ASPECT / SPECIFICITY :

Our software fits into any drone and turns it into an autonomous drone with fully automatic take-off and landing functions, geofencing, geocaging, replacement by other drone, high level of command, etc. The operator supervises the safe and secure mission and has access to an unprecedented level of productivity.



STUDEC

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Website : www.studec.bizAddress : AV sur del aeropuerto de Barajas 34,
28042 Madrid - Spain

Type : SME

**DESCRIPTION OF THE ACTIVITY :**

- Studec is an engineering and consulting company specialized in aeronautical industry, providing technological solutions for Manufacturers and Operators, bringing closer Design, Manufacturing and Operations support.
- Remarkable are Studec Training and Maintenance Solutions using Mixed Reality and 3D models.

**INNOVATIVE ASPECT / SPECIFICITY :**

Studec maintains high level of R&D efforts to provide innovative ICT solutions considering estate of the art technology, specially around software development, the analysis of data, ML algorithms and cyberphysical environments.



SYLPHAERO



Tom BERNAT

Mail : tom.bernat@sylphaero.com

Tel : 06 23 90 0 2 92

Website : <https://www.sylphaero.com/>

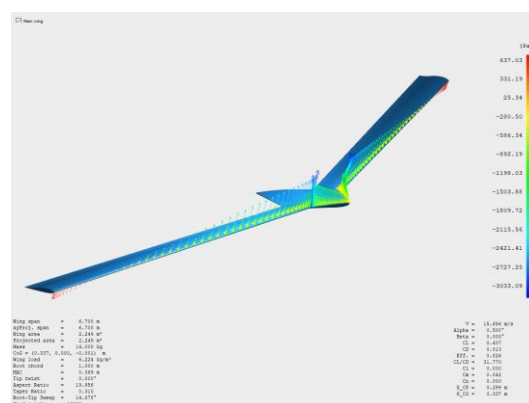
Address : 25 rue Marcel Issartier,
33700 Mérignac - France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- SYLPHAERO is skilled in UAV R&D (aerodynamics, structure, materials, energy management), manufacturing, and flight test of UAVs.
- We are currently working on an innovative project: the LESU (Long Endurance Solar UAV). Our new UAV is a low-medium altitude solar-electrically powered flying wing designed to fly at altitudes below the stratosphere. The goal is to maximize the flight endurance of the UAV by using solar energy and state-of-the-art battery technology. Also, its modular design enables it to equip with different types of payloads, which opens the door for several applications.



INNOVATIVE ASPECT / SPECIFICITY :

Solar-electrically powered fixed-wing UAVs promise significantly increased flight endurance over purely electrically or even gas-powered aerial vehicles. A solar-powered UAV uses excess solar energy gathered during the day to recharge its batteries. The batteries then allow the UAV to stay airborne during the night, so it is possible for the UAV to stay airborne during multiple day-night cycles, up to multiple months. Typical UAV applications such as environment monitoring clearly benefit from this increased endurance.



UASolutions



Nathanel APTER

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Address : Route de Villars 1,
1700 Fribourg, Suisse

Type : SME

DESCRIPTION OF THE ACTIVITY :

- We provide expertise in the UAS rulemaking and the applicable standards and we find the right regulatory solution for your UAS operation.
- We support companies to elaborate SORA and LUC applications for operations in the specific category.
- We support companies in compliance and help to stay compliant over time and facilitate audits.
- We assist companies that need to identify how to undergo the Design Verification process from EASA.



INNOVATIVE ASPECT / SPECIFICITY :

We give SORA applied trainings for personnel interested to acquire this skill and to use it in practice.

We give you clear solutions on how to obtain an operational authorisation to fly your UAS in the specific category.

We are involved in JARUS, ASD-STAN and ASTM to ensure that you always keep up to date with the latest standards and regulatory developments



Ventura Associates

Eric LE MOULEC

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92400 Courbevoie – France

Type : SME



DESCRIPTION OF THE ACTIVITY :

- Ventura Associates develops and promotes the application of aerial drones in a wide range of security, safety, and maritime activities. Services include training, engineering assistance, expertise, testing, certification and navalization.
- They are an extension of satellite services and manned aeronautics with multi-source information collection, processing and dissemination methods designed to support and enhance operations.



INNOVATIVE ASPECT / SPECIFICITY :

Studies and expertise: more than 10 missions each year for French and European institutions and commercial clients.

Operations of micro-drone, mini-drone, aerostat (classified as a drone), tactical drone for surveillance or scientific use: 1350 flight hours (2020-2021);

French Ministry of Home affairs (CNAPS) approval;

Selected in May 2021 by French public purchase Agency (UGAP) for a Framework Contract to provide drones services in the fields of security and safety (4 years).

Confidential FR and EU approvals

Note

Partners

NAE



- Created in 1998 (more than 160 members)
- Network for air, space, defense and security businesses in Normandy
- Cover all aspects of the drone industry (training, R&D, drone fleets, Artificial Intelligence, test and pilot centers)

Contact : Samuel CUTULLIC – samuel.cutullic@nae.fr

Andalucia Aerospace



- Created in 2018 (60 members – 40 SMEs)
- Cover several sectors for the use of drones (indoor inspection, inspection of coastal areas, agriculture, safety, etc.)

Contact : Mélanie DURTH - mdurth@andaluciaaerospace.com

SKYWIN



- Created in 2007 (158 members – 111 SMEs)
- Focus on development of applications, sensors, control systems, ...

Contact : Anthony BIEVELEZ – Anthony.BIEVELEZ@skywin.be

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