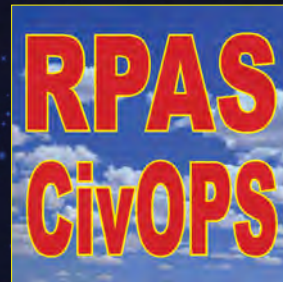


8th ANNUAL EDITION



RPAS CivOPS 2020

EUROPEAN CIVIL RPAS OPERATORS & OPERATIONS FORUM



**Harmonizing National Approaches
To EU Regulation Implementation**

The Hague, The Netherlands

14 & 15 January 2020

PRESENTING ORGANISATIONS & AFFILIATIONS

ORGANIZED BY



VENUE



IN CONTEXT OF



IN COORDINATION WITH



IN COOPERATION WITH



MEDIA PARTNERS



COCKTAIL SPONSOR



Presenting Organisations & Affiliations

AerialCam Services, Germany

- Drone operator & drone-related consultancy
- ▶ Member of: ● UVS International
- ★ Participant: ● Drone REGIM

Aeromapper, France

- Drone & sub-system manufacturer & drone operator

Agencia Estatal De Seguridad Aerea (AES), Spain

- National Aviation Authority
- ▶ Member of: ● Spanish RPAS Commission
- ICAO RPAS Panel
- JARUS
- EU regulation implementation coordination group
- ★ Participant: ● Drone REGIM

AirHub, The Netherlands

- Drone-related regulatory consultancy
- ▶ Member of: ● Dutch national public/private drone initiative
- UVS International
- ★ Participant: ● Drone REGIM

Atechsys, France

- Drone & sub-system manufacturer & drone operator, test range operator
- ▶ Member of: ● French Civil Drone Council
- UVS International
- ★ Participant: ● Drone REGIM

Aviolanda, The Netherlands

- Drone test range operator
- ▶ Member of: ● ICAReS Consortium
- Dutch Drone Group

AW Drones Consortium, Europe

- EU Horizon 2020 funded Research & Innovation Programme

Azur Drones, France

- Drone & sub-system manufacturer & drone operator
- ▶ Member of: ● French Civil Drone Council
- UVS International
- ★ Participant: ● Drone REGIM

Blyenburgh & Co, France

- RPAS-related consultancy, publishing & event organizer
- ▶ Member of: ● AW-Drones & various EC co-funded consortia
- UVS International
- ★ Participant: ● Drone REGIM

Bureau Waardenburg, The Netherlands

- Research and advice consultancy in the fields of ecology, nature, the environment and landscape design

Civil Drone High Level Consultation Group, The Netherlands

- National public/private drone initiative

Conseil pour les drones civils (CDC), France

- National public/private partnership overseen by the DGAC

DARPAS, The Netherlands

- National RPAS association
- ▶ Member of: ● Dutch national public/private drone initiative
- ICAReS consortium
- UVS International
- ★ Participant: ● Drone REGIM

DeltaCopter, Belgium

- RPAS Flight School
- ▶ Member of: ● Belgian Civil Drone Council
- UVS International
- ★ Participant: ● Drone REGIM

Deutsche Flugsicherung (DFS), Germany

- National Air Navigation Service Provider
- ▶ Member of: ● German Civil Drone Council
- SESAR co-funded CORUS & USIS consortia
- European U-Space Demonstrator Network

Direction Générale de l'Aviation Civile (DGAC), France

- Direction de la Sécurité de l'Aviation Civile (DSAC)

- Direction du Transport Aérien (DTA)

- Air Navigation Service Provider

- ▶ Member of: ● French Civil Drone Council
- ICAO RPAS Panel
- JARUS
- EU regulation implementation coordination group
- SESAR's U-Space Working Group
- SJU co-funded CORUS, PODIUM & USIS consortia

Dutch Certified RPAS Operators (DCRO), The Netherlands

- National RPAS operators association
- ▶ Member of: ● Dutch national public/private drone initiative

eduDrone Consortium, Greece/Italy, Poland/Romania

- Project, co-funded by the Erasmus+ Programme of the EU, aiming to help people learn about drones and prepare themselves for the future. It supports the implementation of Industry 4.0 by developing drone-related learning tools for Vocational Education & Training (VET)

ENAIRE, Spain

- National air navigation service provider
- ▶ Member of Spanish RPAS Commission
- ▶ Member of SESAR co-funded DOMUS & SAFEDRONE consortia

ENGIE, France

- Electricity & gas supplier (RPAS operator)
- ▶ Member of: ● French Civil Drone Council
- UVS International
- ★ Participant: ● Drone REGIM

European Maritime Safety Agency (EMSA), European Union

- EU agency providing technical assistance & support to the EC & Member States in the development & implementation of EU legislation on maritime safety, pollution by ships, maritime security. It has also has operational tasks in the field of oil pollution response, vessel monitoring, long range identification & tracking of vessels.

eX:plain, The Netherlands

- Vocational assessment & certification testing research
- ▶ Member of: ● UVS International
- ★ Participant: ● Drone REGIM

Federal Public Service Mobility & Transport, Germany

- National Aviation Authority
- ▶ Member of: ● Belgian Civil Drone Council
- EU regulation implementation coordination group

Flock Cover, United Kingdom

- Start-up insurance supplier

FRONTEX - European Border and Coast Guard Agency

- EU agency

Geo Infra, The Netherlands

- Drone operator
- ▶ Member of: ● UVS International
- ★ Participant: ● Drone REGIM

ICAReS Project, Belgium/France/The Netherlands/UK

- Interreg-financed cross border innovation cluster on Remote Sensing applications in agriculture, water, infrastructure & nature management sectors, federating knowledge institutes, SMEs, trade associations, governmental organisations.

ID2MOVE, Belgium

- Incubator for autonomous systems
- ▶ Member of: ● Belgian Civil Drone Council
- UVS International
- ★ Participant: ● Drone REGIM

Inspectie Leefomgeving en Transport - Directie Luchtvaart, Vergunningverlening (ILT), The Netherlands

- National Aviation Authority - Responsible for granting operator certificates & flight permissions
- ▶ Member of: ● Dutch national public/private drone partnership

International Emergency Drone Organisation

- Non-profit association federating emergency responders (police & fire fighters) from 35 countries
- ▶ Member of: ● UVS International
- ★ Participant: ● Drone REGIM

Luchtverkeersleiding Nederland (LVNL), The Netherlands

- Air navigation service provider
- ▶ Member of: ● Dutch national public/private drone initiative
- ★ Participant: ● Drone REGIM

Mapture, The Netherlands

- Drone & sub-system manufacturer & drone operator

Ministry of Infrastructure & Water Management, The Netherlands

- National Aviation Authority
- ▶ Member of: ● ICAO RPAS Panel
 - JARUS
 - EU regulation implementation coordination group
 - Dutch national public/private drone initiative
- ✦ Participant: ● Drone REGIM

Ministry of Transport & Digital Infrastructure, Germany

- Federal governmental entity
- ▶ Member of: ● JARUS
 - German Civil Drone Council
 - EU regulation implementation coordination group

Municipality of Woensdrecht, The Netherlands

- Municipality
- ▶ Member of: ● ICAReS consortium

National Aviation Authority (NAA) Regulation Implementation Coordination (NAARIC) Group, EU

- Group of NAAs (AT, BE, DE, ES, FR, IT, LU, NL, PL, UK) endeavoring to coordinate their national approaches to the implementation of the EU drone regulation.

Netherlands Aerospace Centre (NLR), The Netherlands

- Research organisation, drone-related consultancy, test range operator, RPAS operator
- ▶ Member of: ● Dutch national public/private drone initiative
 - Various EC-funded drone-related consortia
 - UVS International
- ✦ Participant: ● Drone REGIM

ProRail, The Netherlands

- Independent organisation managing the Dutch railroad network

REWIN, The Netherlands

- Regional economic development organisation
- ▶ Member of: ● ICAReS consortium

Rijswaterstaat, The Netherlands

- Directorate-General for Public Works & Water Management, responsible for the design, construction, management & maintenance of infrastructure facilities. Drone operator.
- ✦ Participant: ● Drone REGIM

RPAS Services, The Netherlands

- Drone operator & drone-related consulting services
- ▶ Member of: ● UVS International
- ✦ Participant: ● Drone REGIM

skeyes, Belgium

- Air navigation service provider
- ▶ Member of: ● Belgian Civil Drone Council
 - UVS International
- ✦ Participant: ● Drone REGIM

Spanish Drone Commission (SDC), Spain

- National public/private partnership overseen by AESA

Star Engineering, France

- Specialized consulting company
- ▶ Member of: ● UVS International
- ✦ Participant: ● Drone REGIM

Thales UK Ltd, United Kingdom

- Design, development & commercialisation of SOARIZON aeronautical information system for drone operators

Unmanned Aviation, UK

- Specialised press & consulting
- ✦ Participant: ● Drone REGIM

UVS International, International

- International RPAS association
- ▶ Member of: ● ICAO RPAS Panel
 - ICAO «Space Learning» Group
 - OECD's Drone Working Group
 - EC's Informal Expert Group on Drones
 - EASA's General Aviation Sectorial Committee
 - EASA's RMT.023 Drone Expert Group
 - SESAR's U-Space Working Group
 - European UAS Standards Coordination Group

- JARUS Stakeholder Consultation Body
- European U-Space Demonstrator Network

✦ Initiator:

UVS Romania, Romania

- National RPAS association
- ▶ Member of: ● EU/Erasmus co-financed EduDrone Consortium
 - UVS International
- ✦ Participant: ● Drone REGIM

Zangano, Spain

- Drone-related regulatory consultancy
- ▶ Member of: ● Spanish Drone Commission
 - UVS International
- ✦ Participant: ● Drone REGIM

Zuidwesthoek College, The Netherlands

- Secondary school
- ✦ Participant: ● Drone REGIM

SPEAKER & PANELIST ORIGINS

● Belgium	4
● EU Agency	2
● France	8
● Germany	2
● International Association	2
● Netherlands	21
● Romania	1
● Spain	3
● UK	3

QUANTITY OF PRESENTATIONS

14 Jan. 2020	4 Plenary Sessions	22 Presentations
15 Jan. 2020	3 Plenary Sessions 1 Plenary Panel Session	16 Presentations 1 Presentation 5 Panelists
	Total	39 Presentations 5 Panelists

SPEAKER & PANELIST CATEGORIES

● Academia	3
● Aeronautical Service Provider	3
● Air Navigation Service Provider	5
● Consulting Company	10
● Drone REGIM	31
● Energy Supplier	2
● European Union (EU) Agency	2
● EU-funded Consortium	6
● Flight School	6
● Insurance supplier	1
● International Association	2
● Municipality	1
● National RPAS Association	4
● National Aviation Authority	10
● National Governmental Agency	4
● Railway network operator	1
● Regional development organisation	1
● Research Organisation	5
● RPAS Manufacturer	2
● RPAS Operator	18
● Test Range	6

Note: A speaker/panelist can fall in more than one category