



BCDC (Belgian Civil Drone Council) and ID2MOVE have the pleasure to invite you to

UAV integration in Air Traffic Workshop and Demo 04 October 2022 – NIVELLES - Belgium

Workshop, held at ID2Move
Rue de l'Industrie 22, 1400 NIVELLES - <https://goo.gl/maps/Q7vWLSHm4pz>

We have the pleasure to invite *all interested parties* (academic, private and public sector) to this workshop. It will offer the opportunity to participate to keynotes, short talks and open debates, networking and demonstrations with main Belgium companies, research groups active in UAVs and their applications in the non-segregated air traffic in Belgium and in Europe, discover innovative research and start-up projects.

ABOUT

BCDC (Belgian Civil Drone Council)

The Belgian Civil Drone Council is an advisory body dedicated to the development and promotion of the Belgian professional drone sector while ensuring a high level of safety. It brings together public entities (Belgian Civil Aviation Authority, skeyes, Defense, federal and local police, FPS Economy, SPW...), private organizations (Belgian Drone Federation, EUKA, Skywin, Agoria...) as well as drone manufacturers, drone operators and remote pilots to discuss on technological, operational and regulatory topics. Depending on the outcome of those discussions, the BCDC can issue recommendations or proposals to public authorities or directly to the drone sector.

ID2Move

ID2Move is a collaborative transdisciplinary project located in Nivelles and initiated by InBW (Intercommunale Brabant Wallon) and ULB (Université Libre de Bruxelles). The project aims at creating a Centre of Excellence for Innovative projects from Startups/Spinoff/Small and Large Companies in the field of **Autonomous Systems** with the most diversified test zone in Europe. Launched in mid-2019, the ambition is to become a reference in the Walloon Region and beyond. The project will focus on **payload** with added-value applications, while keeping a strong interest in the **carrier** (UAV, Airships, Autonomous Cars UGV, Underwater Drones USV, etc.) and the **regulatory and societal impacts**.

Confirm your attendance before 01 Oct 2022 to Mrs Shirley Wayne shirley-joelle.wayne@ulb.be

Participation fee (with prior registration): 100,- € (including coffee breaks, lunch and final drink)

Contact and information

Prof. Patrick Hendrick – ULB patrick.hendrick@ulb.be

*The organizers reserve the right to refuse registrations to the event

UAV Integration in Air Traffic

04 October 2022 - NIVELLES

Preliminary programme

START	Activity
08:30	Registration and Welcome Coffee
09:00	Welcome words & Presentation of BCDC Mr Kris Clarysse - Chairman of the Belgian Civil Drone Council
09:15	Keynote Speech “The Sky Guardian and its integration in the non-segregated air space in Belgium” Capt. B. Noirfalise - AirC4ISR / ProjO MQ-9B, COMOPSAIR
09:45	The SABCA experience in demo projects in the Port of Antwerpen Mr Ulrik Weckx - SABCA
10:05	The STRATOS HALE project and its integration in non-segregated air traffic Mr Jean-Philippe Crépin – Stratos / Stemme
10:25	Coffee break, Questions & Networking
11:00	Emergency drug delivery by drone: finding the right balance between business PoC and BCAA risk aversion Mr Emilien Watelet – ID2Move
11:20	The experience of blood mission delivery in Belgium Mr Geoffroy Mormal – ALX Drones
11:40	The challenges facing air navigation service providers with massive flights of drones Mr Olivier Nicolai – Skeyes and SkeyDrone
12:00	Lunch and Networking
	Demo session and Static Display - By Senhive and Unifly
13:00	Keynote Speech “The challenges of BVLOS UAV integration in air traffic” Mrs Elina Millere and Dr Munish Khurana – Eurocontrol
13:30	Airspace Awareness & Risk mitigation in an urban environment Stijn Burm – Senhive
14:50	Solutions for BVLOS UAV flights integration in non-segregated air traffic Jürgen Verstaen & Koen Meuleman – Unifly
15:10	Coffee break, Questions and Networking
15:40	Airworthiness challenges for sense, detect and avoid systems for UAVs Mr Thierry Paris – BCDC WG2 on Airworthiness
16:00	Drones safety: why does it matter and what actions can be taken Dr Nicolas De Quattro – Telespazio
16:20	Ground truth for sensors evaluation and operations in RF denied environment for drones Dr Alexander Borghgraef – Royal Military Academy of Belgium
16:40	Closing of the day and Open debate (closing comments) Prof. Patrick Hendrick – ULB & BCDC
17:00	Drink and Networking