

UAS Norway Association



By Ole Vidar Homleid, President

UAS Norway was established in January 2008 as the national UAS organization of Norway.

The organization is non-profit and independent, open to all private and public businesses and organizations related to unmanned aircraft.

Some of the activities are to promote the knowledge about UAS in Norway, their usage and benefits, participate in rule development in co-operation with national and international organizations and authorities and coordinate UAS activities with the national aviation authorities.

Coordinate UAS activities with the national aviation authorities (CAA) and with ATC (Avinor), and other airspace users and promotes the knowledge about UAS, their usage and benefits. Following are some information about our activities and members.

Activities in 2009

- Represented in the EUROCAE WG-73 Subgroup 4 on VLOS UAS
- Participated in the AMAP UAS expert group workshop: «Necessary Steps for Using Unmanned Aircraft to Monitor the Arctic Environment» in Copenhagen
- Participates with members in COST ES0802 "Use of unmanned aircraft systems (UAS) for atmospheric research" in Braunschweig, Germany and Andøya, Norway
- Participated at UVS-TECH 2009 in Moscow with a presentation
- Participated at UAS 2009 in Paris with three presentations
- Organized UAS Nordic Conference 2009 together with Norwegian Flight Operational Forum, Oslo with support of UVS International
- Participated with members at European Commissions Survey on Non-Military Applications for Light UAS (LUAS) and the following meeting with the Commission in Brüssel October 8th 2009

Other UAS activities in Norway in 2009

Eurocae WG 73

Mr. Tore Kallevig, chief air traffic controller, Stavanger Airport, Sola, was elected new chairman of EUROCAE WG 73 on

UAS Center at Røros



Unmanned Aircraft Systems. UAS Norway was represented by Dag H. Paulsen at the March 2009 plenary meeting.

UAS Training Programme

UAS Norway is cooperating with the Norwegian flight academy Luftfartsskolen, to establish a UAS pilot education.

UAS Center at Røros

A group of air-related individuals and companies are in the process of establishing a UAS center in Røros, an ancient mining town in southern Norway, 170km south of Trondheim. The center will be open for civil and military testing of small to medium size UAVs. Segregated controlled airspace will be available for UAS flight testing.

Cooperation

UAS Norway maintains regular contact and cooperates closely with UVS International.

The association also participates in the International Coordination Council (ICC) of UVS International

Association Members

At the moment there are 12 corporate members in UAS Norway, namely:

Prox Dynamics

Prox Dynamics AS was established 2007 and are developing nano-UAS for professional use. The company is based on a strong background in micro helicopter, video- and signal processing and system integration. www.proxdynamics.com

Robot Aviation

Robot Aviation AS, established in 2008, is developing UAS. The development scope includes aircraft up to 150 kg, autopilots, simulators and ground control stations. Robot Aviation is also ready to offer UAS flight operations and technical support, both to civilian and military operators. www.robotaviation.com



NORUT - Northern Research Institute, Tromsø

Norut are using UAS for investigations of the polar weather systems, effects of soot, volcanic ash concentration, melting glaciers and the arctic sea-ice cover. Polar challenges: logistics, weather conditions, extreme cold, high altitude (Antarctica, Greenland). Other targeted areas: Surveillance of power lines, coastal areas, water reservoirs, mapping of vegetation, oil spills, and weather and climate research. www.norut.no

Aranica

The company was established in 2009, as a spin-off from the research conducted at Northern Research Institute (Norut), Andøya Rocket Range (ARR) and Troms Kraft (energy company). Together these three companies have undertaken the task of establishing a large and complete service provider in Norway. www.aranica.com

Scandicraft

Scandicraft was founded in 2001 aiming at being a UAV service provider. The core business is UAV system sales, integration and service. www.scandicraft.no

Odin Aero

Odin Aero AS has 28 years of experience with military target drones, and provides operational assistance by development and testing of the geophysical survey UAV Prion 3. Odin Aero provides manufacturing/operational support to other UAV systems. www.odin.aero

Alfatroll

Alfatroll AS was established to exploit a new idea about Knowledge Based Systems (KBS). The product IQMotor is especially suited for use as a reasoning engine in autonomous systems of all kinds, whether they exist in the form of a server-based system or as an embedded system. www.alfatroll.com

Simicon

Simicon AS was founded in 1999 and dedicated to the development of innovative systems and services in the field of Airborne Data Acquisition and Unmanned Aerial Vehicles (UAVs). Since 2007 Simicon has been focusing on Arctic and Maritime UAS applications. <http://simicon.no>

Maritime Robotic

Maritime Robotics AS was established in 2005, and is most

known for their pioneering work within Unmanned Surface Vehicles. The company's business idea is to be a leading supplier of unmanned platforms for safe and cost efficient maritime data acquisition. From our core competence within flight control systems and avionics, we are currently integrating and operating the Peregrine Unmanned Aircraft System (UAS) for maritime surveillance. www.maritimerobotics.com

Jepcon

Jepcon AS is a limited company. Core business is military and civilian aviation and space systems and solutions. www.jepcon.no

Kolibri Geo Services

Kolibri Geo Services offers a cost efficient, high resolution geo observation tool on demand. Our service covers aerial mapping applications to aerial photography. www.geokolibri.com

Nordic UAS

Operation and consulting services regarding UAV test flying in the Northern Region, collocated at Test Range Bardufoss in North Norway. Our ambition is also to be a complete provider of professional crew education for UAS. www.nordic-uas.no

Ole Vidar Homleid
President
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