

Bucharest, 14 December 2015, National Military Circle

“The Unmanned Aerial Vehicles, an opportunity for development and innovation”

– Debate organized by New Strategy Center–

Partner: The Commission for defense, public order and national safety

The society transformation that takes place in the world has led to an accelerated digitization and brought the Remotely Piloted Aircraft System (RPAS) into the attention of governing bodies and citizens alike. The new challenges to the international security have already imposed several modifications to the understanding of the war concept and the RPAS represent one of the pioneering fields in terms of warfare. Even if the unmanned aerial vehicles have been produced initially for military purposes, they have known a major development in the civil sector. Car traffic monitoring, management of emergencies (fires, floods) and many of the activities related to film industry rely to a considerable extent on the support of unmanned systems.

The debate ***The Unmanned Aerial Vehicles, an opportunity for development and innovation*** represent one of the events that **New Strategy Center** dedicates to the activity sectors with a very high growth potential and an increased level of innovation which could ensure Romanian development. Through these events, New Strategy Center offers to the participants not only the expertise of the speakers, but provides a dialogue platform between the institutions with responsibilities in a very specific field of activity, the producing companies and the academic world.

Being one sensitive domain for the national safety, the RPAS are regulated by strict laws concerning the safe use of Romania's airspace by these systems, but also by aircrafts with human pilots. The enactment task is difficult and the process is slow also at EU level. As the interest for this field has exploded lately, it has become very important to build a national legislative framework aligned with the EU, which ensures the safety requirements, but also offers opportunities for domain development and innovation.

The actual regulations limit this industry which enjoys a special development trend. The debate organized by **New Strategy Center** aims to answer to several questions regarding: special requirements for certification of the RPAS operators and producers, creation of permanent areas for operating, testing and training with these systems, access facilitation for the drones' users in emergency situations, in agriculture or for critical infrastructures monitoring, as well as the possibility to change the legal framework.