Lead Nation (LNs)

Canada   Germany   United Kingdom

Other Contributors

Denmark   Iceland   Latvia   Lithuania

Poland   Turkey   United States

Pledged Contribution

U.S. in-kind contribution including equipment, advisory support and training

Expected pledges

Australia

Milestones

- Sep 2014: Launch of a C4 Trust Fund (TF) at the Wales Summit

- Jan 2015: The "Ukraine C4 Feasibility Study", led by NATO HQ Defence Investment Division, proposes two "Quick-Win" projects for implementation under the NATO-Ukraine C4 Trust Fund

- Jul–Sep 2015: Launch of "Quick-Win" projects: Regional Airspace Security Programme (RASP) and Secure Tactical Communications Project

- Dec 2015: The C4 Feasibility Study identifies additional candidate projects for implementation in 2016

- Feb 2016: Execution of successful RASP Pathfinder demonstration in Vinnitsya (UKR)

- May 2016: Future C4 Trust Fund project proposals on Knowledge Sharing and Operational Situational Awareness Capability under assessment by the Lead Nations

Financial information

- The current budget of the C4 Trust Fund, based on amounts pledged to date is estimated to be EUR 2,41M.

Background

At the 2014 Wales Summit, NATO Allies established a comprehensive and tailored package of measures in support of Ukraine. One of these measures is a Trust Fund on Command, Control, Communications and Computers (C4).

The C4 Trust Fund assists Ukraine in modernising its C4 structures and capabilities by enhancing Ukraine's ability to provide for its own security. It promotes the interoperability of these structures with the Alliance, facilitating Ukraine's participation and contribution to NATO-led operations and exercises. Based on priority areas for assistance being identified through a C4 Feasibility Study to be finalised in June 2016, and on ongoing assessments of Ukraine's requirements, practical support includes: assessment, intro-duction, and implementation of a modern C4 architecture; procurement of C4 equipment and the provision of associated training and could expand to the acquisition of modern Communications and Information Services (CIS) and technologies, knowledge sharing and the development of operational situational awareness capabilities.

The NATO Communications and Information (NCI) Agency was selected as the Executing Agent for the C4 Trust Fund. In February 2015, NCI Agency delivered the results of the C4 Feasibility Study Initial Assessment Phase to the Lead Nations and identified the two first "Quick Win" projects: the Regional Airspace Security Program (RASP) and the Secure Tactical Communications Project.

Ongoing Projects

Secure Tactical Communications Systems & Commercial Satellite Communications

To respond to Ukraine's most urgent C4 priority, such as the lack of modern and secure communications for use in the tactical domain, the project aims at providing Ukraine with secure tactical HF Radio communications equipment and Commercial Satellite Telephones (Iridium). ACO, in coordination with NATO HQ IS and NCI Agency, is currently assessing the quantity of equipment that is considered surplus to NATO operational needs and that may become available to support Ukraine's most urgent requirement. The outcome of this assessment is expected before the NATO Warsaw Summit (8-9 July 2016).

Regional Airspace Security Programme (RASP)

The Regional Airspace Security Programme addresses cross-border coordination capabilities for Ukraine for the handling of air security incidents and promote regional airspace cooperation improving internal civil/military coordination. It aims at enabling permanent and real-time connectivity with neighbouring countries to provide early notification and coordination on airspace threats, security incidents and suspicious aircrafts. Furthermore, it allows sharing of air pictures from radars, enables direct voice coordination and the adoption of joint handling procedures.

In February 2016, a successful RASP Pathfinder demonstration has been performed in February 2016 in Vinnitsya, Ukraine, establishing a temporary connectivity with existing units in Ankara and Warsaw. The Pathfinder demonstration has showcased the exchange of air traffic information between Poland, Turkey and Ukraine, as well as enabled direct voice communication. A Feasibility Study is currently ongoing to enable full implementation of ATM (Air Traffic Management) units in Ukraine, should the C4 Trust Fund Lead Nations approve it.

Future Projects

Following the identification of other potential "Quick Wins" by the C4 Feasibility Study, Lead Nations are now considering additional project proposals for implementation in 2016 with a focus on Knowledge Sharing and the development of Ukraine Operational Situational Awareness Capabilities.

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