

Speech at CANSO Asia Pacific Conference 2017, Hanoi

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- DG of CANSO, Mr Jeff Poole
- Chairman Of CANSO APAC Mr Kevin Shums
- Deputy DG of CAAV Mr Do Quang Viet

Firstly I would like to thank CANSO for inviting me to their Asia Pacific Conference 2017 and the host i.e. CAAV and VATM for the excellent arrangements. The APAC CANSO Regional Conference is an event I look forward to attending every year and since I have taken over as Regional Director of ICAO in 2014, I have not missed any single CANSO Regional Conference. This conference provides an excellent learning opportunity and also to meet dear friends from Air Navigation Service sector.

2. A lot of things have happened since we met in Queenstown last year in May. I would take this opportunity to brief you about the major developments during the last one year in the region. But before I get down to that I would like to share with you a very important outcome from the 39th Session of ICAO Assembly in Oct last year. After more than a decade of numerous consultations and discussions, the ICAO Assembly has finally reached an agreement by an overwhelming consensus regarding the Global Market Based Measure scheme for reducing the greenhouse gas emissions in the aviation sector. This decision which some of you may have witnessed in Montreal on 6th October 2016 is a historic first, and one which makes air transport the very first major industry sector to take action at the global level on international emissions. This also exemplifies the seriousness with which the States and Industry partners have cooperated and collaborated under the leadership of ICAO to deal with a global problem. On its part, to support its Member States' capacity-building activities in the area of aviation and climate change ICAO has conducted Regional Seminars on State's Action Plans and CORSIA last month in Jakarta.

3. In 2016 a new initiative from the Regional Office was started as a part of the No Country Left Behind program of ICAO. Combined Action Team program – CAT for short is meant to provide onsite support to States with low rates of Effective Implementation of ICAO SARPs with the help of champion States and industry partners. CAT missions were conducted in 11 States of the region which also included 3 Pacific Island States. A multidisciplinary team of 5 experts visited the States with low EIs to assist them to improve their EIs by helping them with implementation of their USOAP Corrective Action Plans This was a very successful effort widely appreciated by the recipient States. The CAT missions in 2016 translated into a six fold increase in direct assistance to States by the Regional Office compared to 2015. To continue this initiative and further strengthen the foundations made in their first visit, as well as to retain the sustainability, the APAC Regional Office is in the process of launching seven more CAT assistance missions in 2017, including a second follow-up visit to four States.

4. 2016 saw the updating of the Seamless ATM Plan, Framework for Collaborative ATFM as well as Search & Rescue Plan. APAC Region is first to develop an online reporting tool for 10 prioritized regional targets of our Seamless plan.

The development of a harmonized Regional Framework for Collaborative Air Traffic Flow Management was one of ICAO APAC highest priorities. I am pleased to inform that the Asia Pacific Regional Framework for collaborative ATFM (version 2.0) and the Regional concept of operations (version 1.0) have been made available on the ICAO web site. In the area of ATFM too there has been improvement in ATFM implementation in High Density FIRS from 67% to 80%.

6. From the perspective of urging ATM Modernisation in APAC :

After 3 years of intense collaboration between 18 APAC Pioneer States, a common service contract for the IP-based Common Aeronautical network (CRV) for APAC and MID regions is now awarded. CRV is a major enabler of ASBU B1 modules. The next step will consist in engineering the network, validate the design through a proof a concept and start the operations. The procurement process is completed and a pilot project with 4 states USA-Australia-NZ-Fiji has started, implementation expected for 2017 that will serve as a proof of concept.

For SWIM the work has started with a major interregional seminar last year that APAC RO organized and the task force starting to work. A new interregional event is to follow in Brussels in October 2017.

Unfortunately for PBN, the implementation is still lagging behind in the region, pushing away the expected benefits in terms of capacity, accessibility, safety and environment. In order to expedite PBN implementation, APAC office has conceptualized a PBN Go team initiative. A group of experts will visit States and provide specific guidance to address identified issues, in terms of planning and improvement of practices in PBN design, operational approval and continuous oversight. Lao PDR is proposed to be the first State to be visited by the APAC PBN Go Team in 3rd quarter of 2017.

6. We are also the first region to develop the Ionospheric threat models for the SBAS and GBAS system after 5 years of engagement with expert groups.

7. In the area of surveillance there has been further enhancement of coverage especially over South China Sea which has a high traffic density.

8. As part of NCLB a concerted effort was made by the Regional Office to provide direct technical assistance to States with low EIs e.g. Cambodia, Nepal, Indonesia, Bhutan, Bangladesh, North Korea, Indonesia and Mongolia. ICAO Safe fund was used effectively for long term projects to help Nepal and Cambodia to address their deficiencies. For the first time we organized a workshop exclusively for Pacific Island States in Fiji to update these States in the area of regional developments in ANS and also provided training to use the Online Framework for CMA activities.

9. In the Met area - Two volcanic ash exercises were successfully conducted in Indonesia and Philippines to demonstrate the global and regional procedures related to volcanic activity. A SIGMET workshop was also conducted in Tokyo for assisting 15 States to improve their SIGMET services. Additionally ICAO is addressing how to further support strategic, pre-tactical and tactical decision-making by air transport system users through the integration of digital meteorological information into the SWIM environment and associated decision support tools. It

has now become an ICAO recommended practice for States to issue certain types of meteorological information in digital form and it is envisaged that this will become an ICAO standard by 2020.

10. The Assembly resolution to conduct a feasibility study for establishing a Sub Regional Office of ICAO in the Pacific islands is being coordinated with HQs, World Bank and Donor States.

13. New Programs for implementation of CORSIA, Cyber Security and RPAS is being considered, however the risk faced by us is the lack of adequate resources both manpower and budget in the Regional Office to deal with these new and emerging challenges.

14. A decision was taken during the last years DGCA Conference in Colombo that the Regional Office would take necessary measures to redesign the existing format of DGCA Conference so that the conference devotes more time on discussions relating to implementation challenges for Regional and Global priorities and provide a platform for developing partnerships to address deficiencies in implementation. A part of this effort would be develop a web tool for mapping the State needs and developing a detailed and exhaustive menu of available resources from various sources like TCB, COSCAPs, GAT, Champion States, IPAV program as well as from Industry partners. Work in this area is progressing smoothly.

15. Working closely with ACI we have embarked on a program for improving the certification of airports, an area where we see a shortfall in the region. As part of this program we are organizing a training program for Pacific Island states in collaboration with ACI and Sydney Airport in June this year. We have also developed a Project under the IPAV program for enhancing State capacity for airport certification in the region using ICAO volunteer experts for this purpose. Three States namely: Cambodia, Timor Leste and Fiji have been selected in the first phase of this program.

16. Recently an Airport CDM Seminar was organized successfully at Kunming, China and participated by 124 participants including IATA and CANSO. Mr Hai Eng led the CANSO team which made a very interesting presentation on "CANSO experience/best practices in the area of A-CDM implementation". The first meeting of ACDM Task Force was also held at Kunming and attended by 43 delegates. I am happy to note that CANSO has committed to support the APA-CDM Workshop to be held in November 2017.

17. I would like to share with you a good news about our host State Vietnam. Vietnam was audited last year by ICAO and the audit results showed significant improvement in their Effective Implementation of ICAOs regulation. To recognize this achievement, Vietnam has been selected for award of ICAO Council President certificate for 2016. Congratulations to CAA Vietnam.

5. Lastly I would like you to consider - What's holding the APAC ATM back?

The two biggest areas holding APAC ATM back is slow pace of civil/military cooperation and the lack of human performance consistent with leading ANSPs. The reason for the former is largely political in nature while the latter is largely because of a lack of an aviation culture where people bring national culture into the workplace, which can be inconsistent with best practices.

So the proposal is for CANSO membership is to consider having an honest discussion on:

- Civil/military cooperation – the need for both civilians and the military to work together to support the common mission of bringing efficiency to air space management; and
- Human performance – confronting issues leading to a sub-optimal performance by ANSP personnel (including managers), compared to international best practice.

18. On a final note I have a positive **challenge to all the International Organisations (IOs) including CANSO**to lift its (your) game:

Lifting everyone's Performance – the need for IOs such as CANSO to apply greater resources and to get more involved in assessing ANSP performance against regional and international expectations such as the Asia/Pacific Seamless ATM Plan implementation, analyzing the gaps, recommending changes (especially collaboration between CANSO ANSP members) and monitoring implementation.

I wish you all a very successful CANSO Asia Pacific Conference 2017 and hope you have a nice stay in Hanoi, Vietnam.

Thank You!