



International Civil Aviation Organization

The Fourth Meeting of ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/4)

Bangkok, Thailand, 1 – 5 December 2014

Agenda Item 5: Development of Regional ATFM Framework

ATFM PHASES AND PROCESSES

(Presented by the Secretariat)

SUMMARY

This paper presents information on ATFM Operational in the Strategic, Pre-Tactical and Tactical ATFM Phases, including process steps for determining capacity and demand, and for ATFM planning in each phase.

1. INTRODUCTION

1.1 AT ATFM/SG/3 Thailand presented a CDM/ATFM concept of operations, to be considered for inclusion in the Regional Collaborative Framework for ATFM. The meeting agreed that the concept would provide valuable input to the Framework.

2. DISCUSSION

2.1 The Thailand CDM/ATFM Concept information provided graphical representations of ATFM operations management for each of the 3 phases of ATFM as defined in Doc 9971 – *Manual on Collaborative ATFM*.

2.2 The information is presented in flow-chart form, identifying information sources that should be taken into account when determining demand and capacity in the Strategic, Pre-Tactical and Tactical ATFM Phases, and suggesting ATFM operational management processes for each Phase.

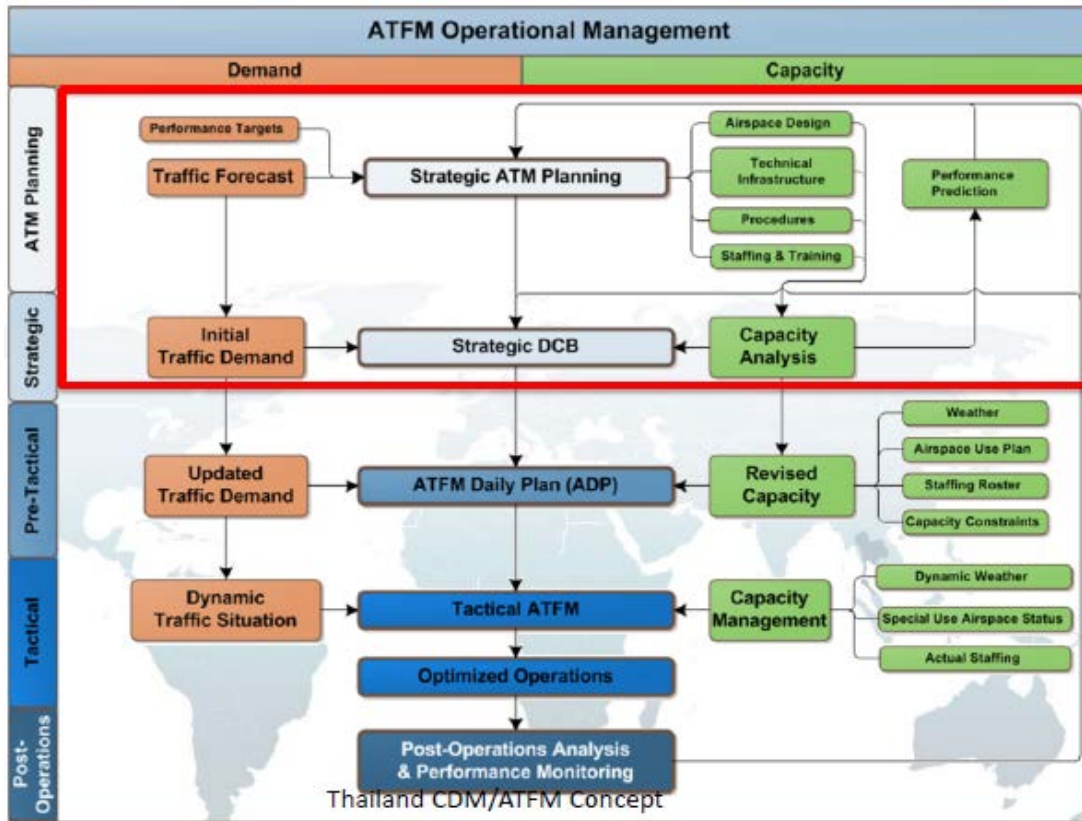
2.3 The graphical information provided by Thailand is appended at **Attachment A**. It is proposed that this information is included as guidance material in the Framework, as an appendix.

3. ACTION BY THE MEETING

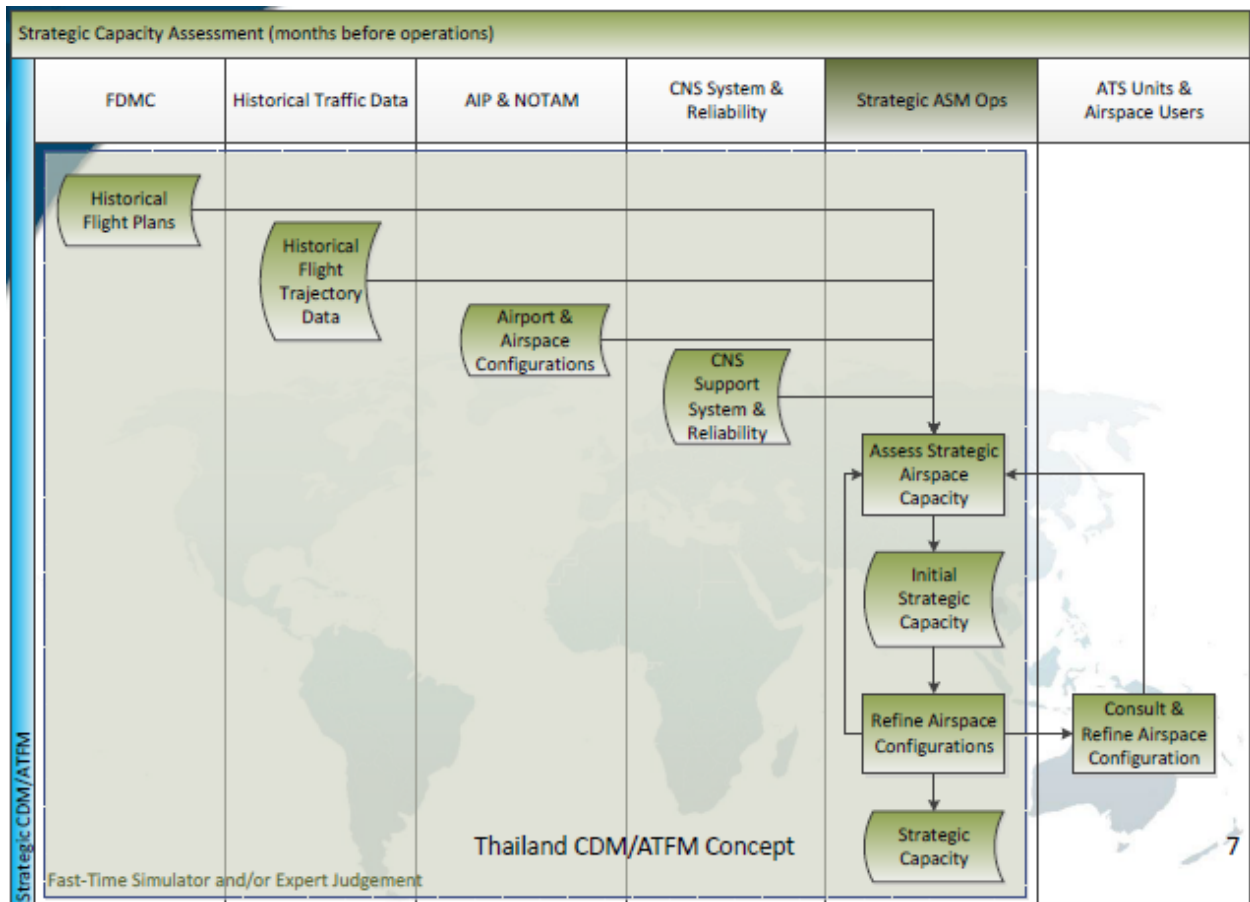
3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss the content of the information in Attachment A and any proposed revisions;
- c) agree to the inclusion of this information in the Regional Framework for Collaborative ATFM; and
- d) discuss any relevant matters as appropriate

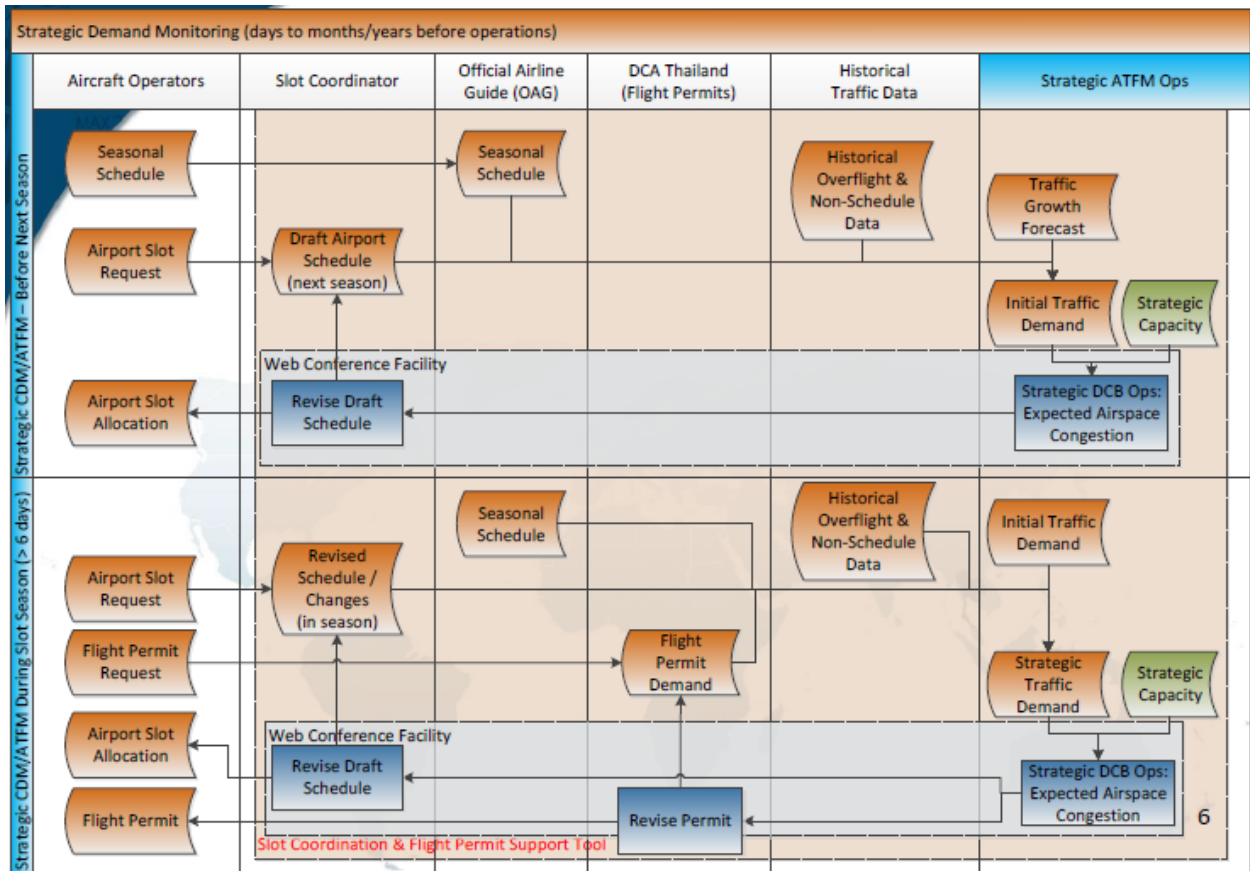
ATFM Operational Management – Strategic Phase



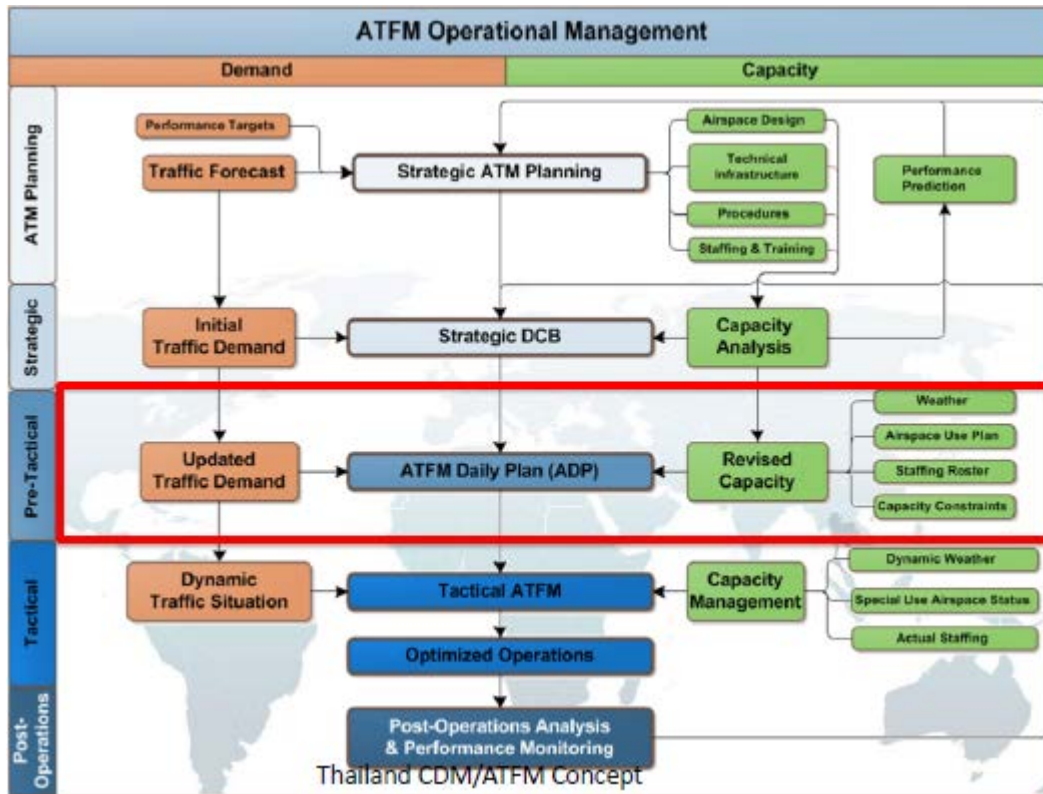
Strategic CDM/ATFM – Initial Capacity Analysis



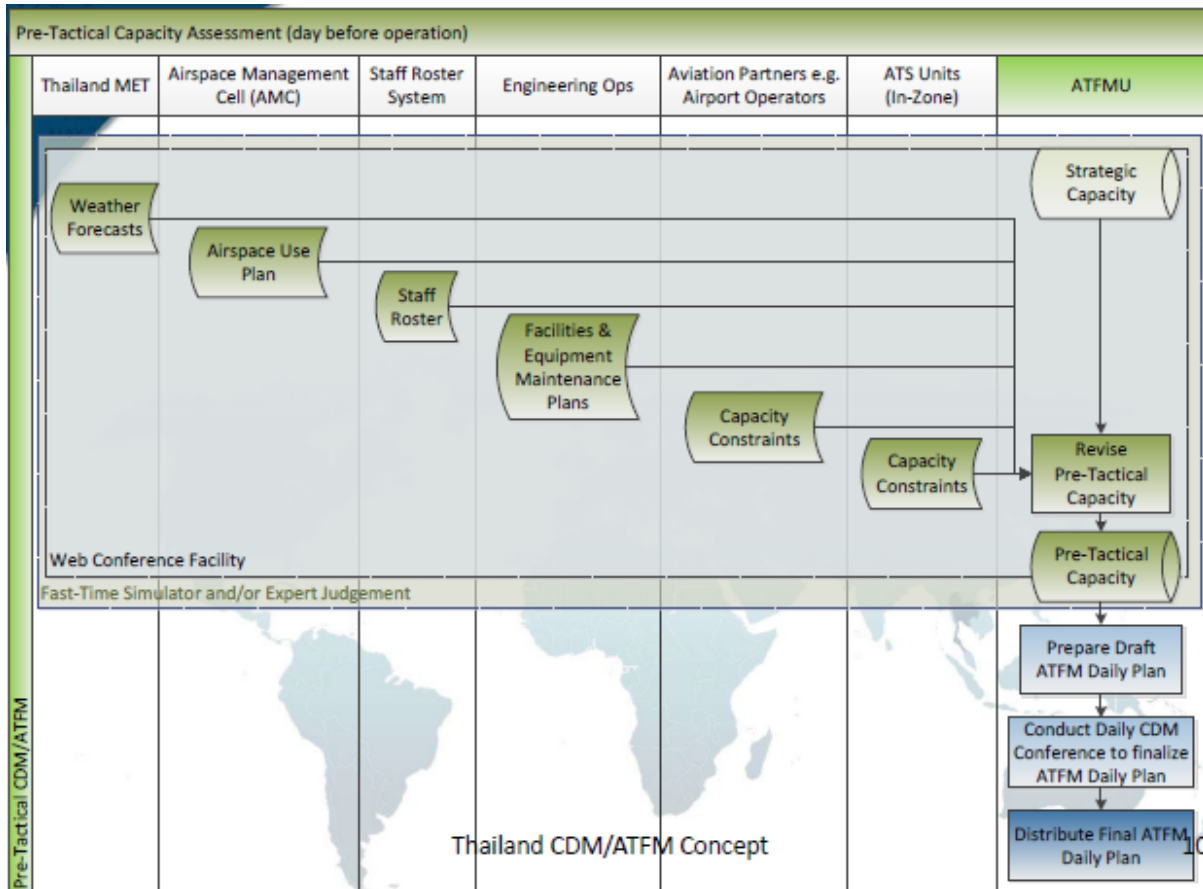
Strategic CDM/ATFM – Traffic Demand and Operations



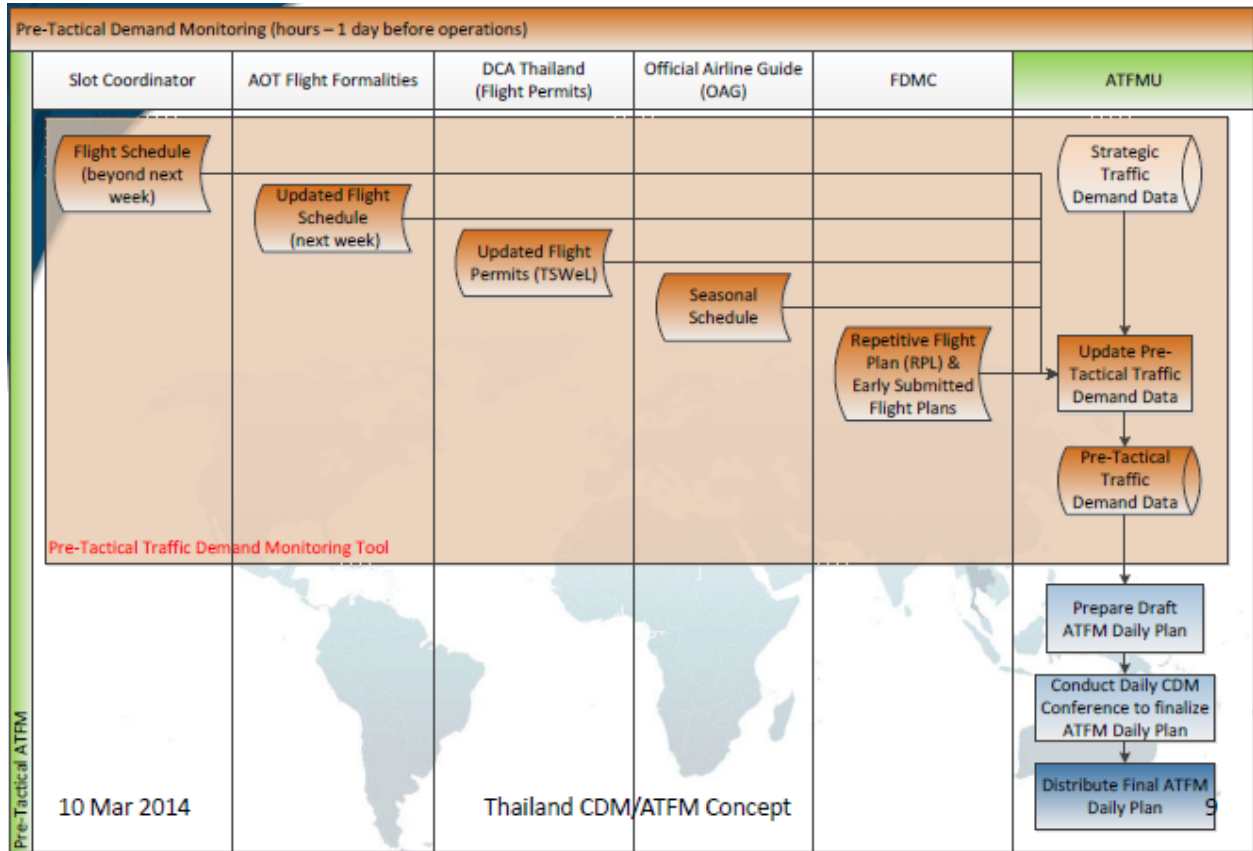
ATFM Operational Management – Pre-Tactical Phase



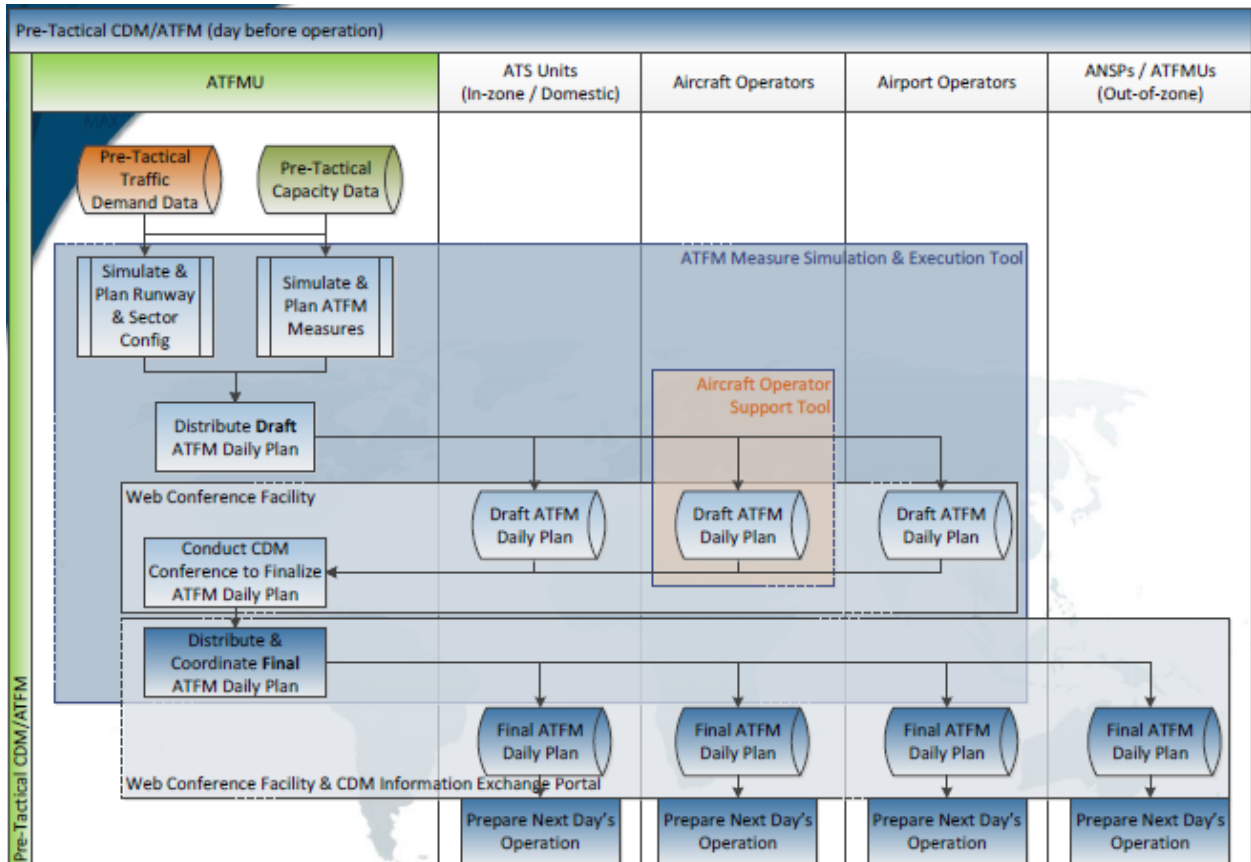
Pre-Tactical CDM/ATFM – Revised Capacity



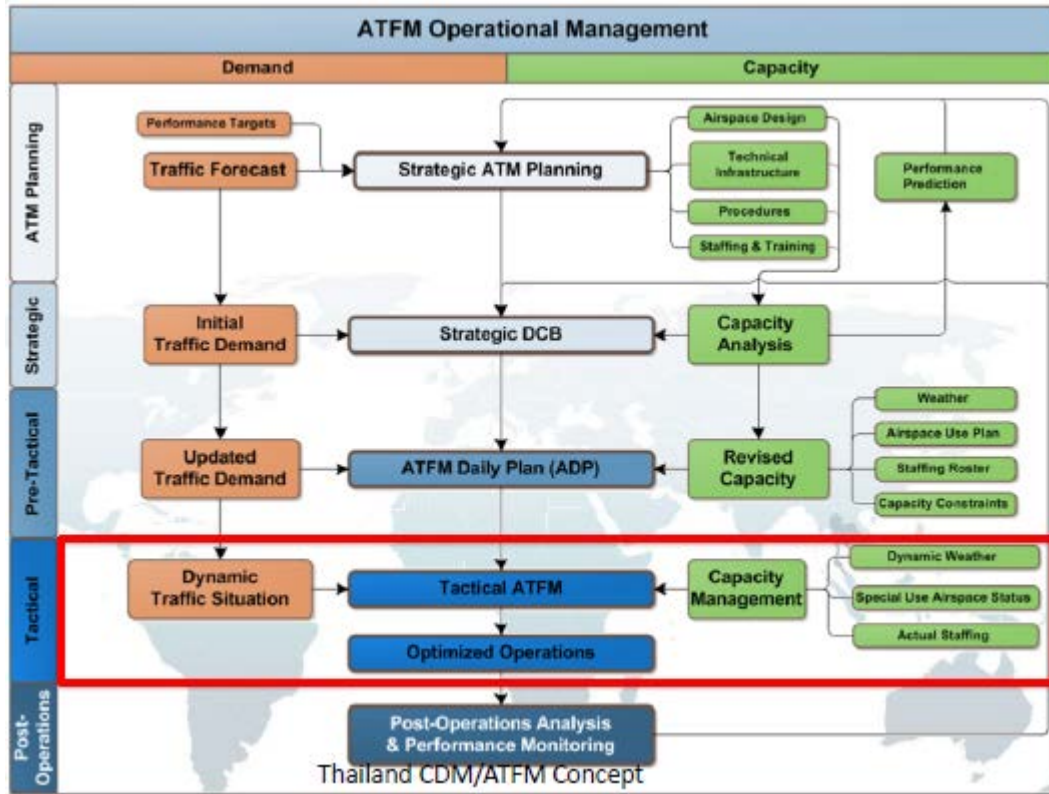
Pre-Tactical CDM/ATFM – Updated Traffic Demand



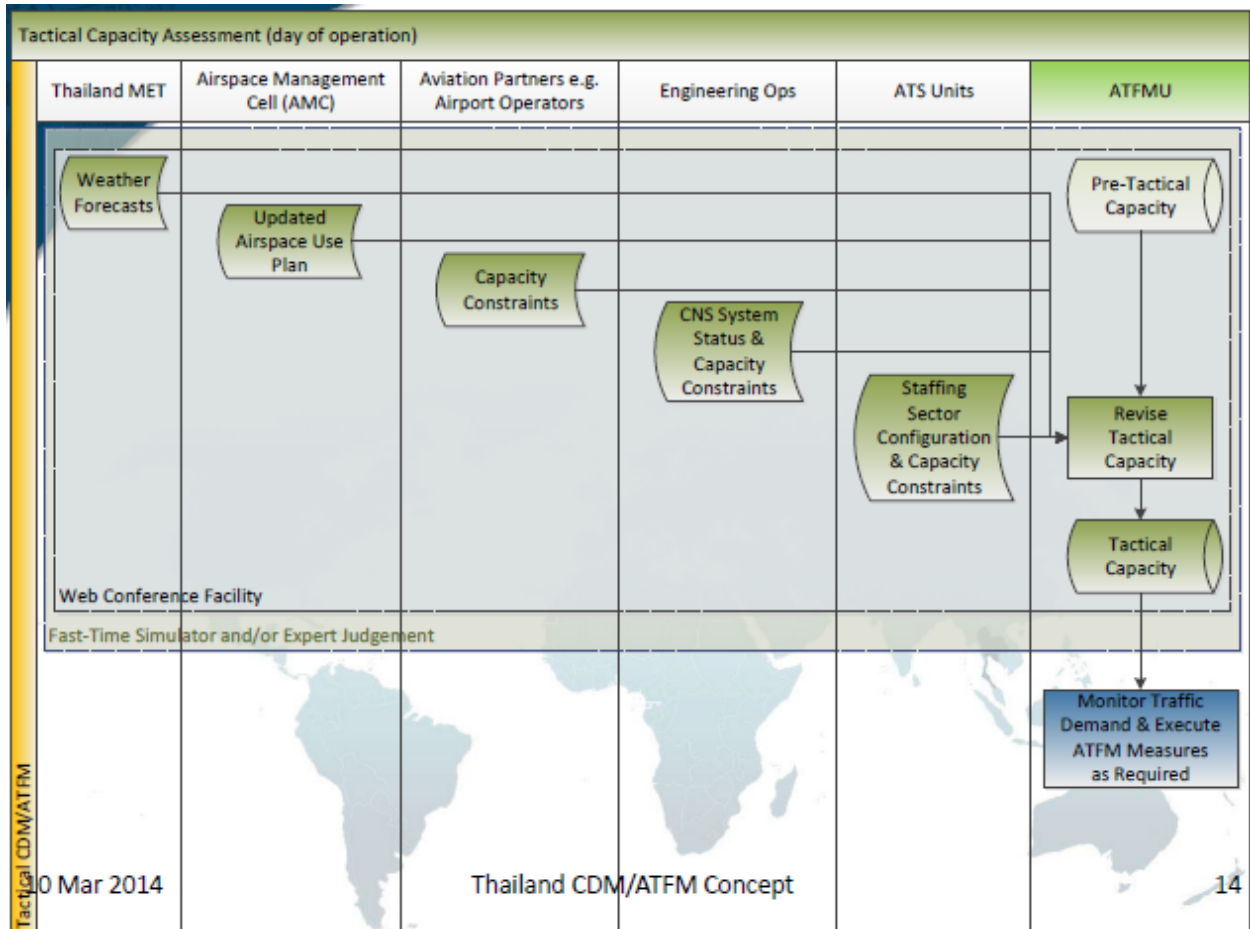
Pre-Tactical CDM/ATFM – ATFM Daily Plan



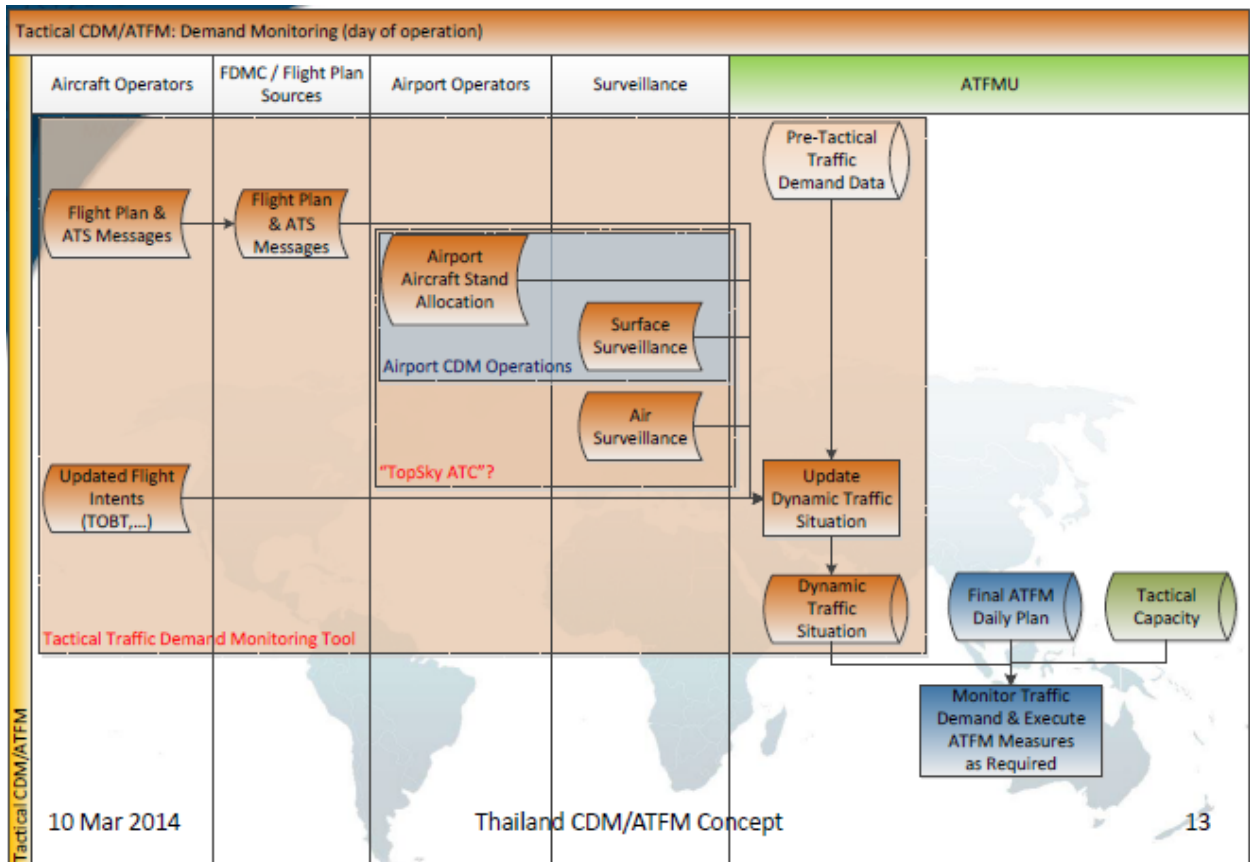
ATFM Operational Management – Tactical Phase



Tactical CDM/ATFM – Capacity Management



Tactical CDM/ATFM – Dynamic Traffic Situation



Tactical CDM/ATFM Operations

