



Strategies for an effective transition to eAIP and SWIM

Thirteenth Multilateral Workshop/Meeting of the SAM Region for the
transition of AIS to AIM (SAM/AIM/13)



ABOUT US



Our Mission

AIM for Safer Skies

To enable State AIS and AIM staff to achieve their operational goals by providing Software, Services, Training and Support in the field of Aeronautical information Management.



M-AIS ACTIVITIES



SOFTWARE

M-AIS offer a range of effective Aeronautical Publishing and **AIXM** Data solutions.



SERVICES

We provide many tailored services to our customers to ease the transition and **migration to AIM.**



TRAINING

Our **training specialists** share their own expert knowledge and experience to ensure that each course achieves the best results.



SUPPORT & MAINTENANCE

Customer relationships are vital to everything we do. we employ a **full maintenance and support** team to manage customer enquiries.

OUR WORK WITH AERONAUTICAL DATA



EAD

Data Integration for FrameAPS, AIP / eAIP / and DITA for more than 12 releases and 4 AIXM Data model changes



THALES France

Development of joint AIXM technology from 2005 until 2011. Multiple countries using the software, successful joint IPR venture.



UK NATS

AIXM 4.5 and AIXM 5.1 Suite creating, managing and publishing datasets for all UK data from 2005 until 2019.



Global Customer Base

AIXM 4.5 and AIXM 5.1 eAIP customers for Software, Services training and support. Currently undergoing intensive AIP table data review for AIXM usage with Central European Client.

Worldwide Projects

Global Implementations and Training for AIXM

- M-AIS provide AIXM 5.1, Dataset and PANS-AIM training and consultancy to a worldwide clientele.
 - **Software** – AIXM Data Management Suite and FrameAPS
 - **Services** – eAIP and AIXM Data Migration
 - **Training** - AIM, AIXM, Cartography, eAIP and PBN Data Coding and Visualisation training.
 - **Support and Maintenance**
 - Multiple AIXM and eAIP support contracts



Your Presenter:



Antonio Locandro

- Instrument Flight Procedure Design Expert
- Aeronautical Information Expert
 - +12 Year Industry Experience
 - Aeronautical Charting & GIS Expert
 - AIM and IFP Training Expert
 - Participant of ICAO AIXM CCB and Advisor to IFAIMA for ICAO IMP
 - Participated as expert for ICAO Technical Cooperation Bureau for Obstacle Assessment for Airport Master Plan

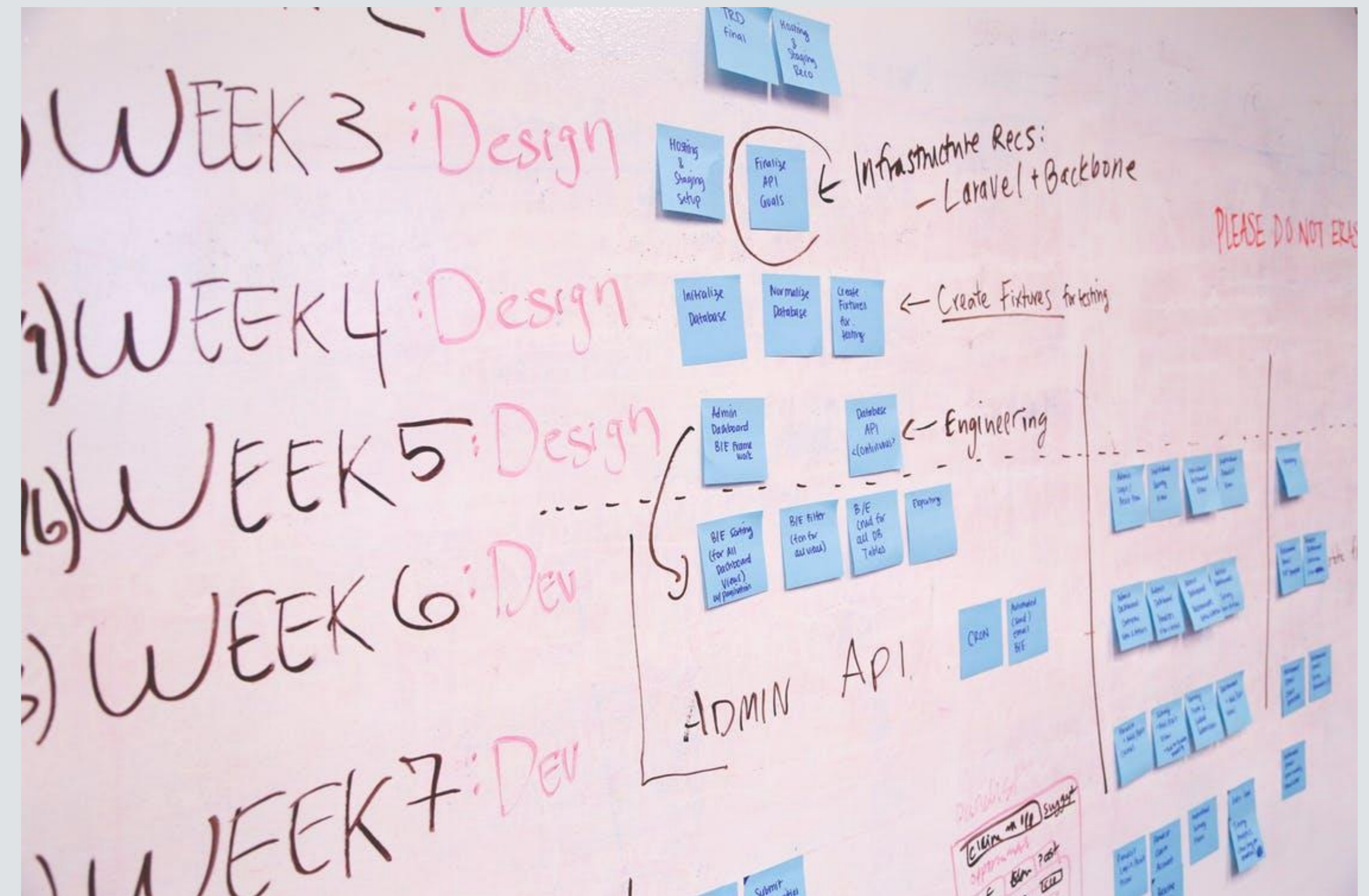
Strategy #1

Project Management Focus

Can I do everything at the same time?

What are we going to do in each phase?

Simultaneous Operations during the transition?



Strategy #2

The screenshot displays the MAIS (Master Aeronautical Information System) web application. The browser address bar shows the URL `demo.m-ais.com/training/jsp/session.jsp`. The application header includes the MAIS logo, navigation menus for 'Work Package' (set to 'none') and 'Dataset' (set to 'none'), an 'Effective date' dropdown (set to '2020-05-11'), and a user profile for 'Antonio Locandro'. The main content area is titled 'EGPH-PROCEDURE-DB' with an effective date of '2020-03-26'. Below the title are tabs for 'Metadata', 'Workflow' (with a '1-8' notification), 'Content' (with a '25' notification), 'Files' (with a '6' notification), 'Reports', and 'History'. The 'Metadata' tab is active, showing fields for Title, Effective date, Internal reference, External reference, and Evaluator. The 'Internal reference' field contains the text 'PBN DESIGN, CODE AND VALIDATE DATA'. A right-hand sidebar contains a search bar and a tree view of categories: 'Airports and ground features', 'Navigation aids and points' (highlighted), 'Airspace and routes', 'Procedures', and 'Organisations, units and services'. The 'Navigation aids and points' category is expanded, listing sub-items such as Azimuth, DME, Glidepath, Localizer, Elevation, MarkerBeacon, Navaid, NDB, SpecialNavigationStation, TACAN, DirectionFinder, VOR, DesignatedPoint, AngleIndication, DistanceIndication, and SDF.

Software

What do I look in the software?

Do I need help to choose one?

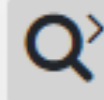


Work Package
none

Dataset
none

Effective date
2020-05-11

User
Antonio Locandro



[Return to work package](#)

Expand all

AirportHeliport

designator:	EGPH
name:	EDINBURGH
locationIndicatorCAO:	EGPH
designatorIATA:	EDI
type:	AD
certifiedCAO:	YES
privateUse:	NO
controlType:	JOINT
fieldElevation:	136 FT
magneticVariation:	1.95
dateMagneticVariation:	2019
magneticVariationChange:	0.17
referenceTemperature:	16 C
transitionAltitude:	6000 FT
abandoned:	NO

Message history

Search for Type (e.g. AirportHeliport)

Airports and ground features

- AirportHeliport
- AeronauticalGroundLight
- GeoBorder
- VerticalStructure

Navigation aids and points

Airspaces and routes

Procedures

Organisations, units and services



[Return to work package](#)[Expand all](#)

Airspace

type:	CTR
designator:	EGPH
name:	EDINBURGH
controlType:	CIVIL
class:	AirspaceLayerClass ▾ <ul style="list-style-type: none">classification: DassociatedLevels: AirspaceLayer ▾<ul style="list-style-type: none">upperLimit: 6000 FTupperLimitReference: MSLlowerLimitReference: SFC
geometryComponent:	AirspaceGeometryComponent ▾ <ul style="list-style-type: none">operation: BASEoperationSequence: 1theAirspaceVolume: AirspaceVolume ▾<ul style="list-style-type: none">horizontalProjection: Surface ▶

[Message history](#)

Airports and ground features

- AirportHeliport
 - AircraftGroundService
 - AirportClearanceService
 - AirportHeliportCollocation
 - AirportSuppliesService
- ▶ Apron
 - CheckpointVOR
 - FireFightingService
 - GroundTrafficControlService
 - PassengerService
- Runway
 - RunwayDirection
 - ▶ ApproachLightingSystem
 - ▶ RunwayCentrelinePoint
 - ▶ RunwayDirectionLightSystem
 - ▶ RunwayProtectArea
 - ArrestingGear
 - ObstacleArea
 - RunwayBlastPad
 - RunwayVisualRange
 - ▶ VisualGlideSlopeIndicator
 - RunwayElement
 - RadarSystem
 - RunwayMarking
 - ▶ TaxiHoldingPosition
- ▶ Taxiway
- ▶ TouchDownLiftOff
- AirportHotSpot
- ChangeOverPoint
- CheckpointINS

Strategy #3



Targeted Practical Training

(Basic & Advanced)

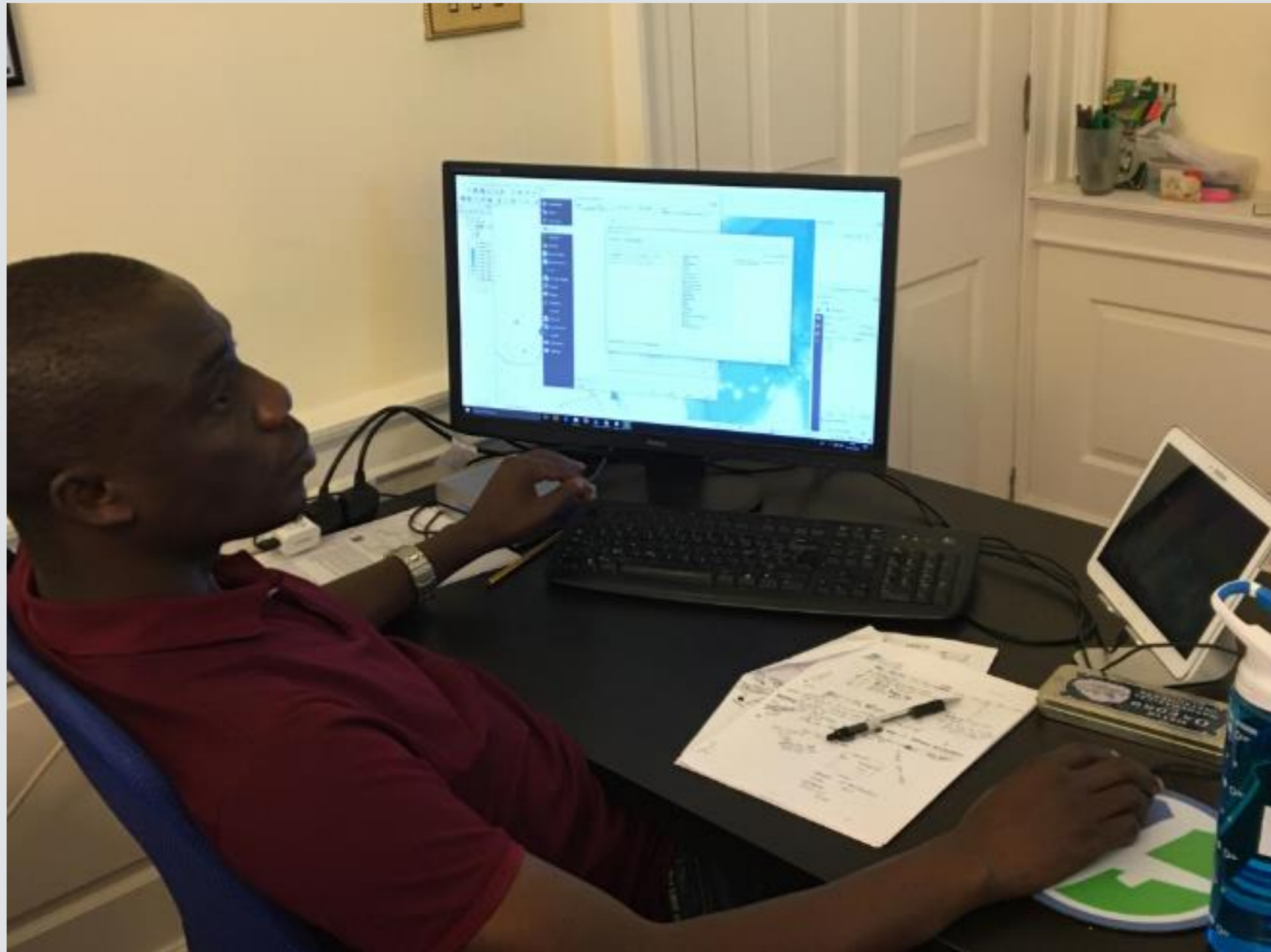
AIXM,

eAIP,

Aeronautical Charting

PANS OPS & PBN Introduction

Dataset Management



Strategy #4



Lifelong Learning Partnerships

(Continuous learning through LMS)

- Personal Development Planning
- Industry Updates

Using

- Legislative and Regulatory News
- Certificates for all Learning activities
- Video / Webinar / In Country / HQ

For all Staff all the time!

Strategy #5



Adequate support & Maintenance

Do you have a provider or a partner?

Only at the start, during the project or after its completed?



Strategy #6



Realistic Expectations

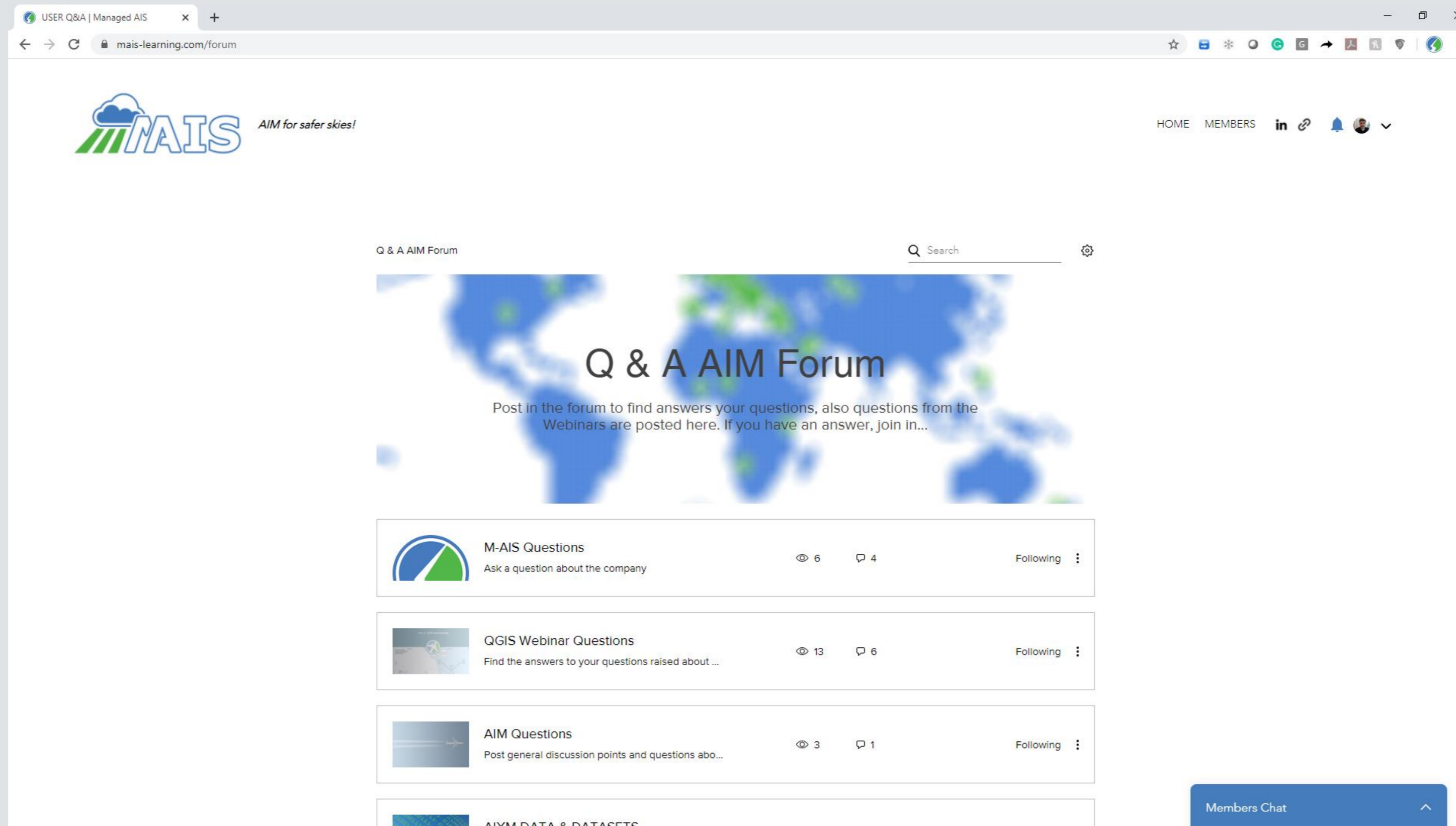
Do we really have the Budget to get everything we want?

Do I really need it all at the same time?

What alternatives I have?



New Q & A Forum at MAIS-LEARNING.COM



<https://www.mais-learning.com/forum>



ANY QUESTIONS?



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