

United Arab Emirates

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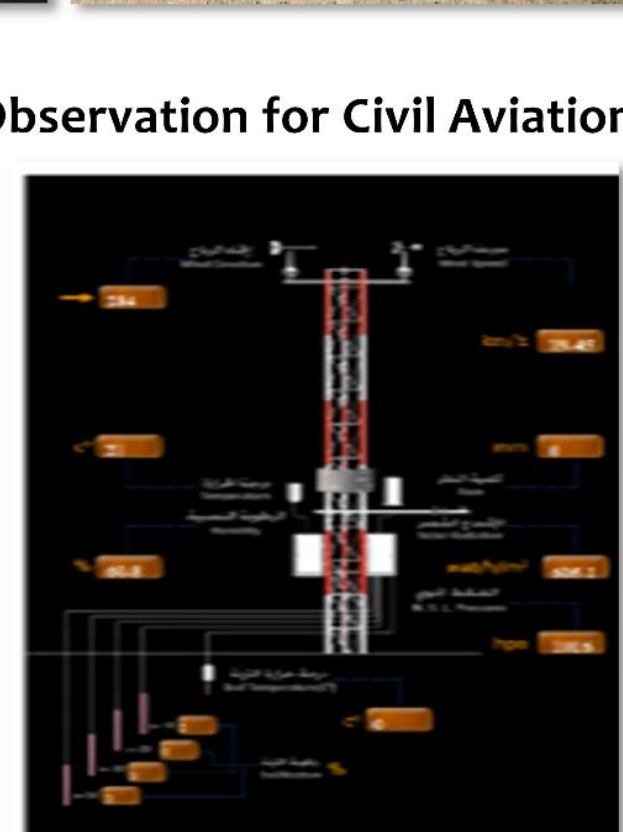
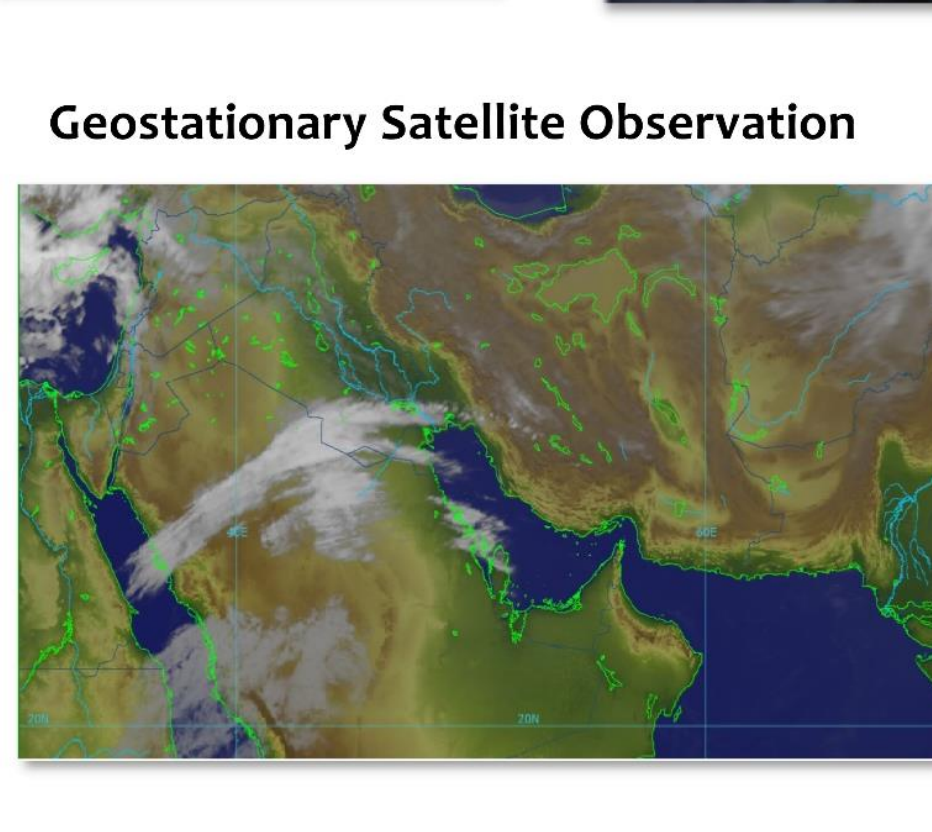


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1. Observation system overview

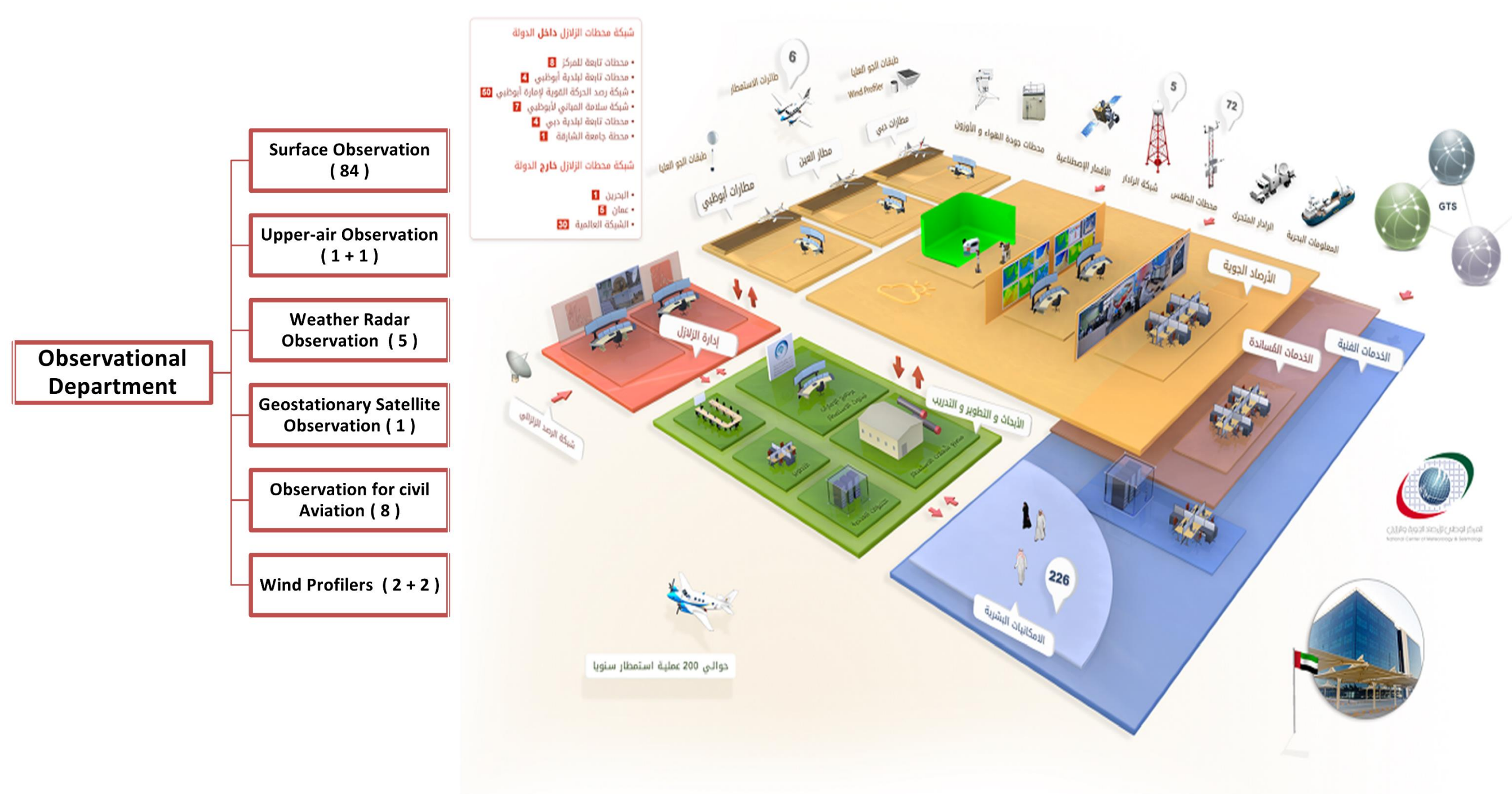
Surface Observation
at Observatories and Automated Weather Stations

Upper-air Observation
using Radiosondes and Wind Profilers



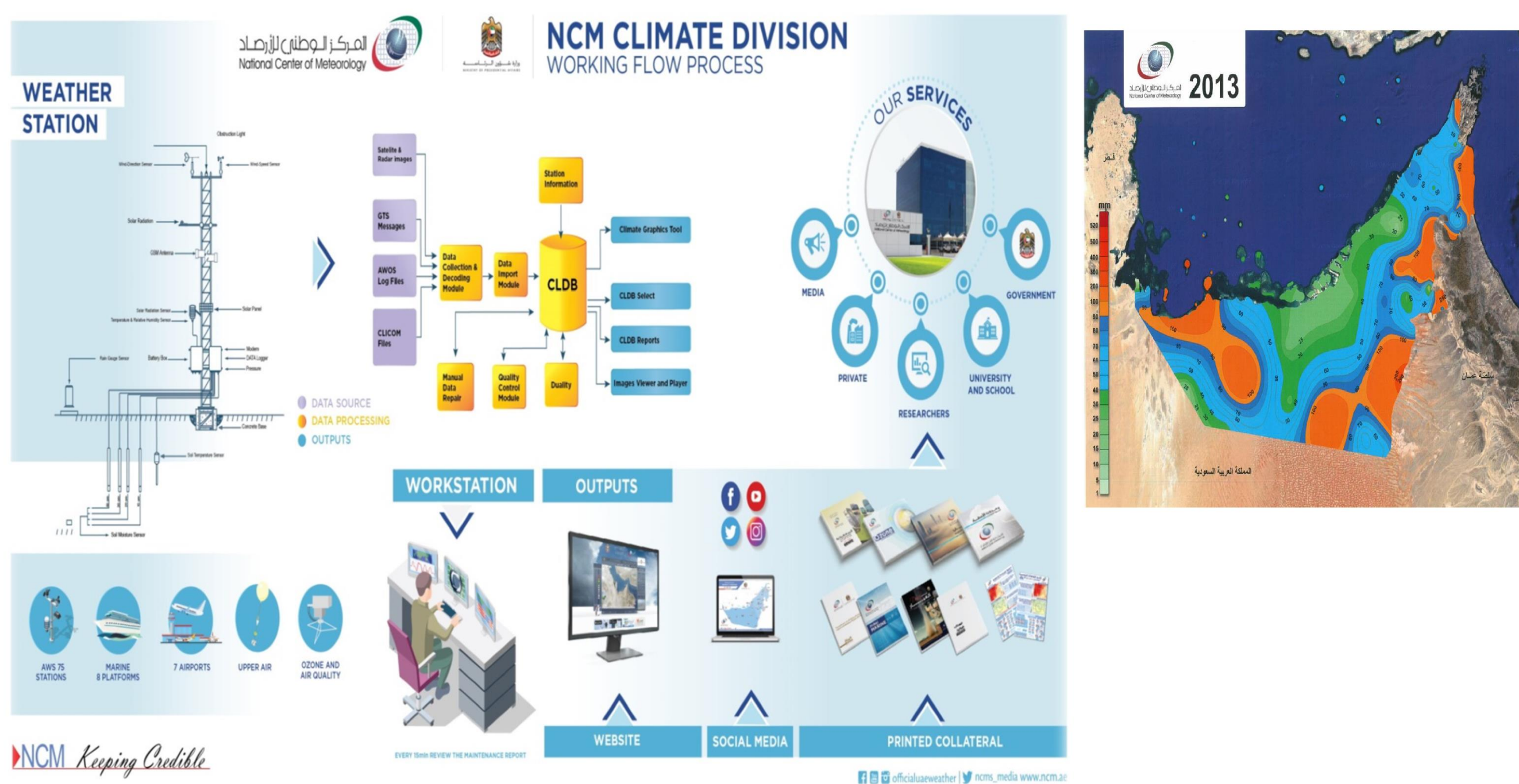
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2. Observational organizational structure



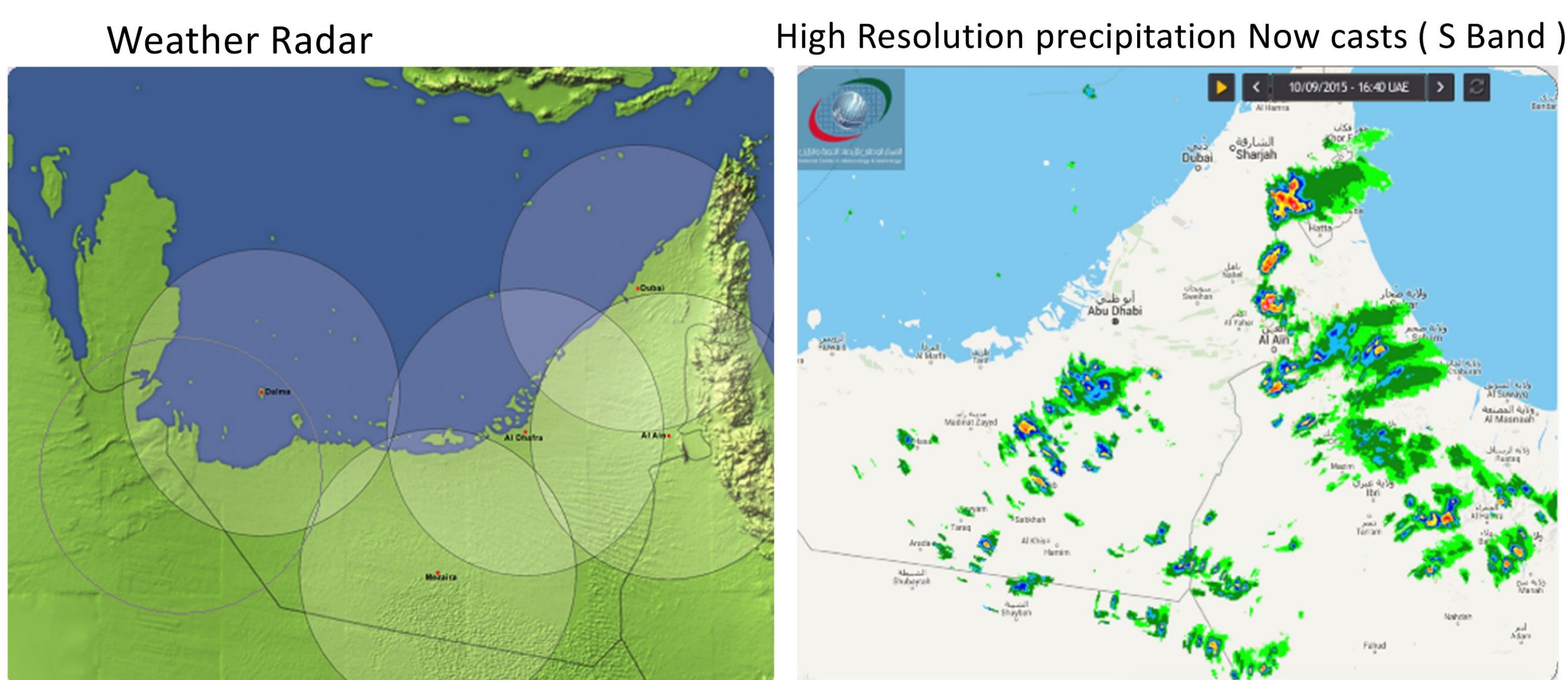
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3. Quality management of observation data





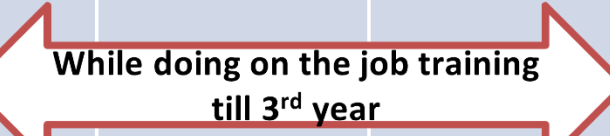


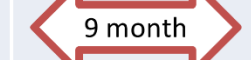
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4. Integrated use of observation data



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5. Observer/expert training timeline

	1 st year	2 nd year	3 rd year	4 th year
New staff training				
On the Job Training				
Monitoring observation data in real time at Operation room				
Acting to system troubles				
Maintaining observation instruments				
Lecturing on class 4				

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6. Plan for developing products

FY	2019 PHASE I	2020 PHASE II	2021 PHASE III
MET MATERIALS	RFP - REQUEST FOR PROPOSAL PLANNING & DESIGNING	purchasing	continues maintenance Monitoring -Upgrade
RADAR	installing new radars (dual-pol C band) in west of UAE	multi year projects to upgrade may replace aging radars	installing new radars (dual-pol C band) in Fujairah UAE -some improvement of dual-pol filtering algorithms
Forecaster Training			
WRF	Hardware purchase & general surface and satellite observation ingestion	ingestion of local observations (Radar/ AWS) using GIS	Optimizing & verification
implementation of WW-II Forecaster Training			

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7. Expectation for this workshop

- To get new idea / inspiration for new research work that I can embark on in future
- improve of my knowledge and meet new experts in my field
- Getting some materials for lecturing observers and forecasters in my office
- Making firm relationships between participants to exchange useful information after the workshop

