Order of magnitude checks
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Experiences of the Maltese competent authority

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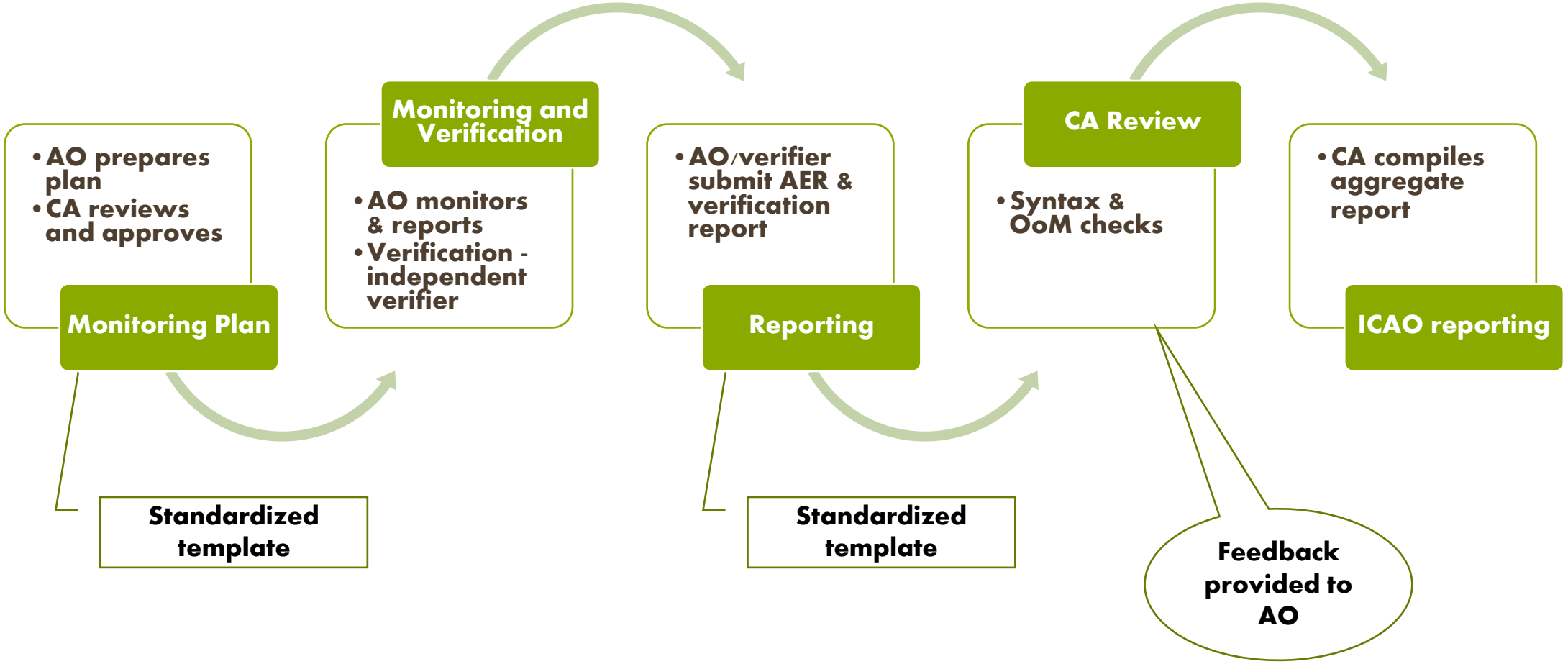
The context

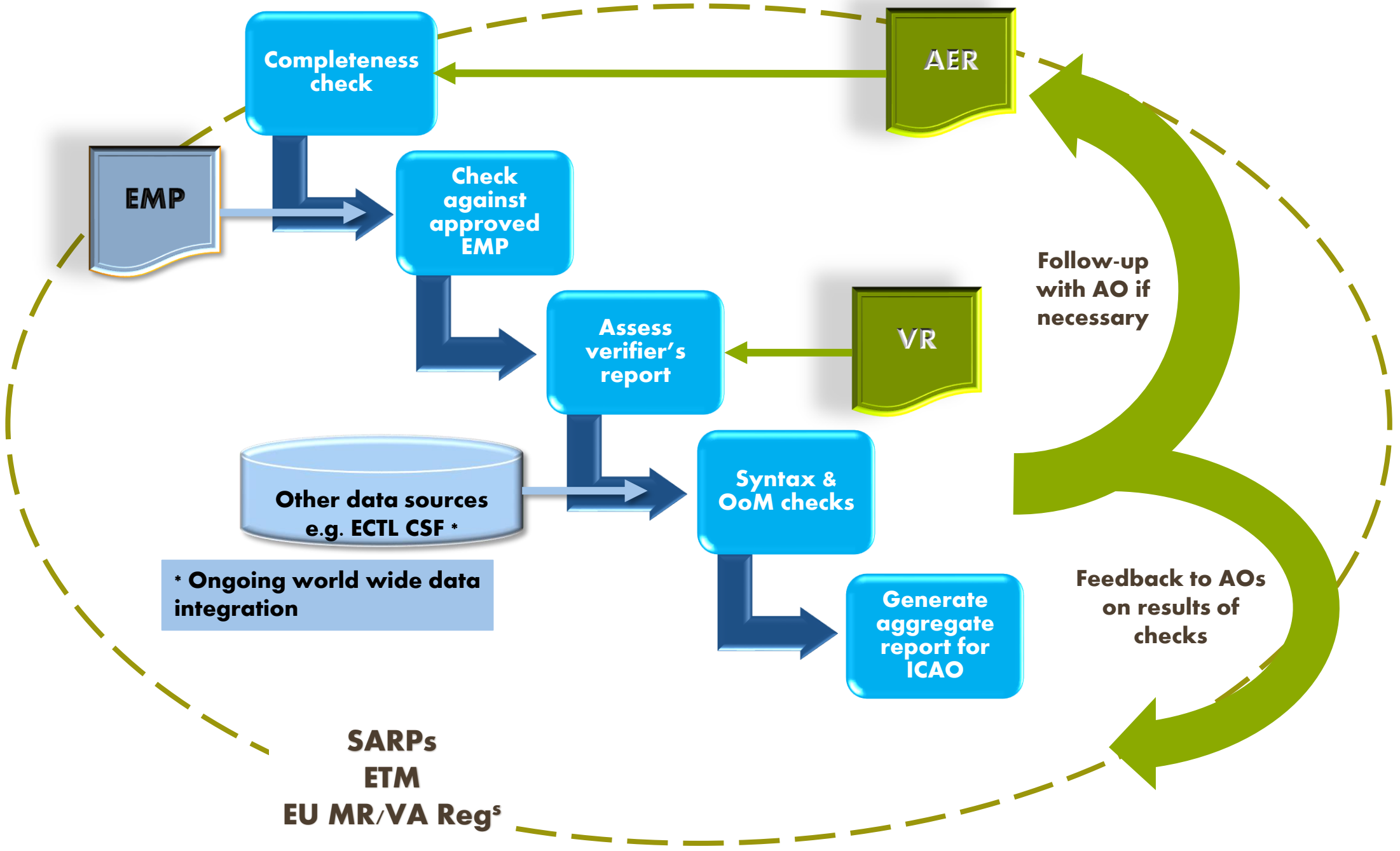
- Malta Resources Authority (MRA) is the national competent authority for CORSIA (and EU ETS-Aviation)
- Works closely with Transport Malta – Civil Aviation Directorate (TM-CAD; ICAO Focal Point)

- Typically ~ 13 aeroplane operators with CORSIA obligations.
- Including legacy, charter and business aviation operators.

The compliance cycle



Competent authority checks



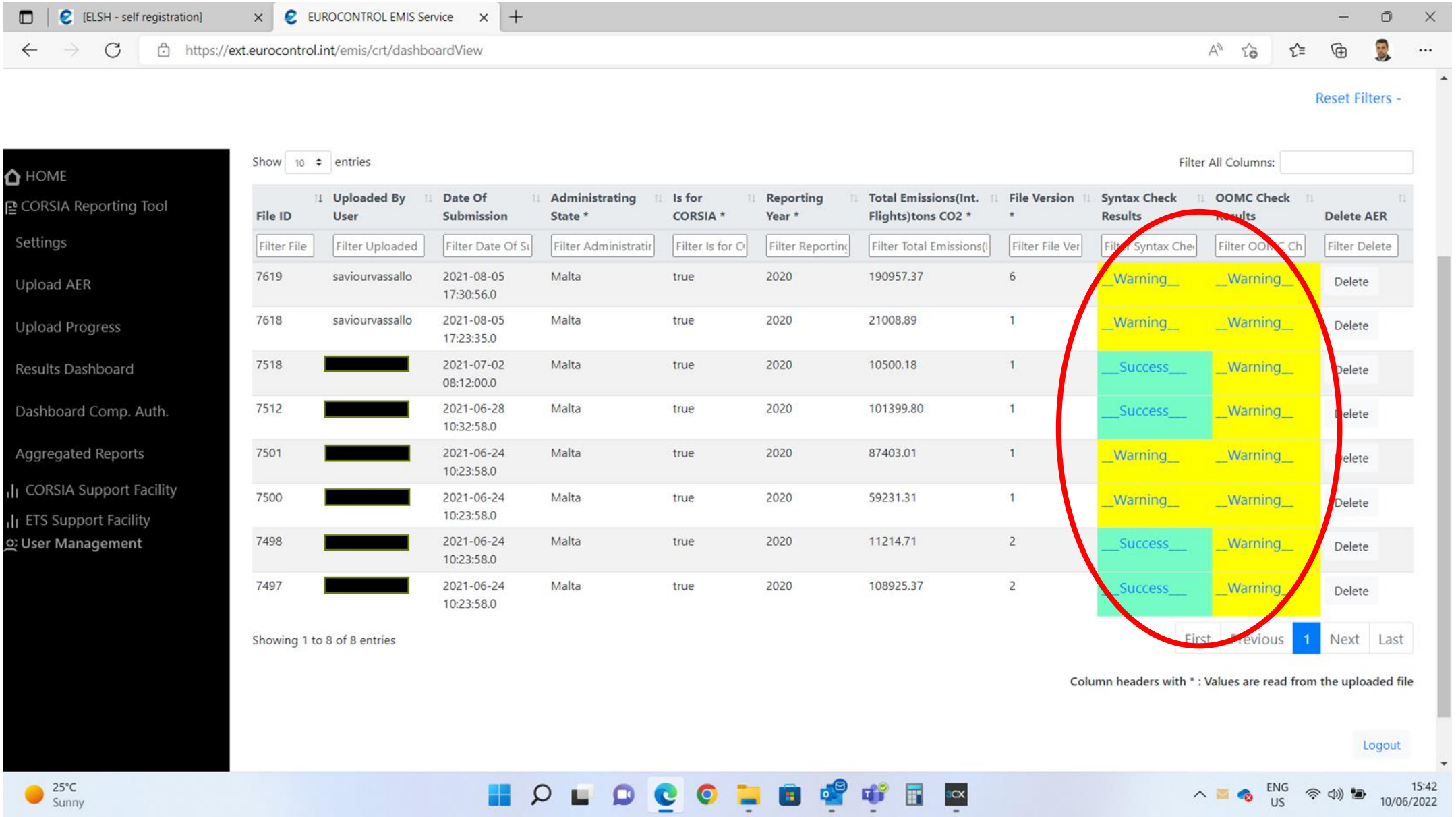
Good practice – the use of IT

- Automation of competent authority checks of reports + generation of aggregate emissions report.
- EUROCONTROL CORSIA Reporting Tool (CRT).
- OoM checks underpinned by requirements of CORSIA SARPs, and ETM.
- Upload of reports, automated checks, documentation of results of checks.
- Final step: generation of aggregate emissions report for submission to CCR.

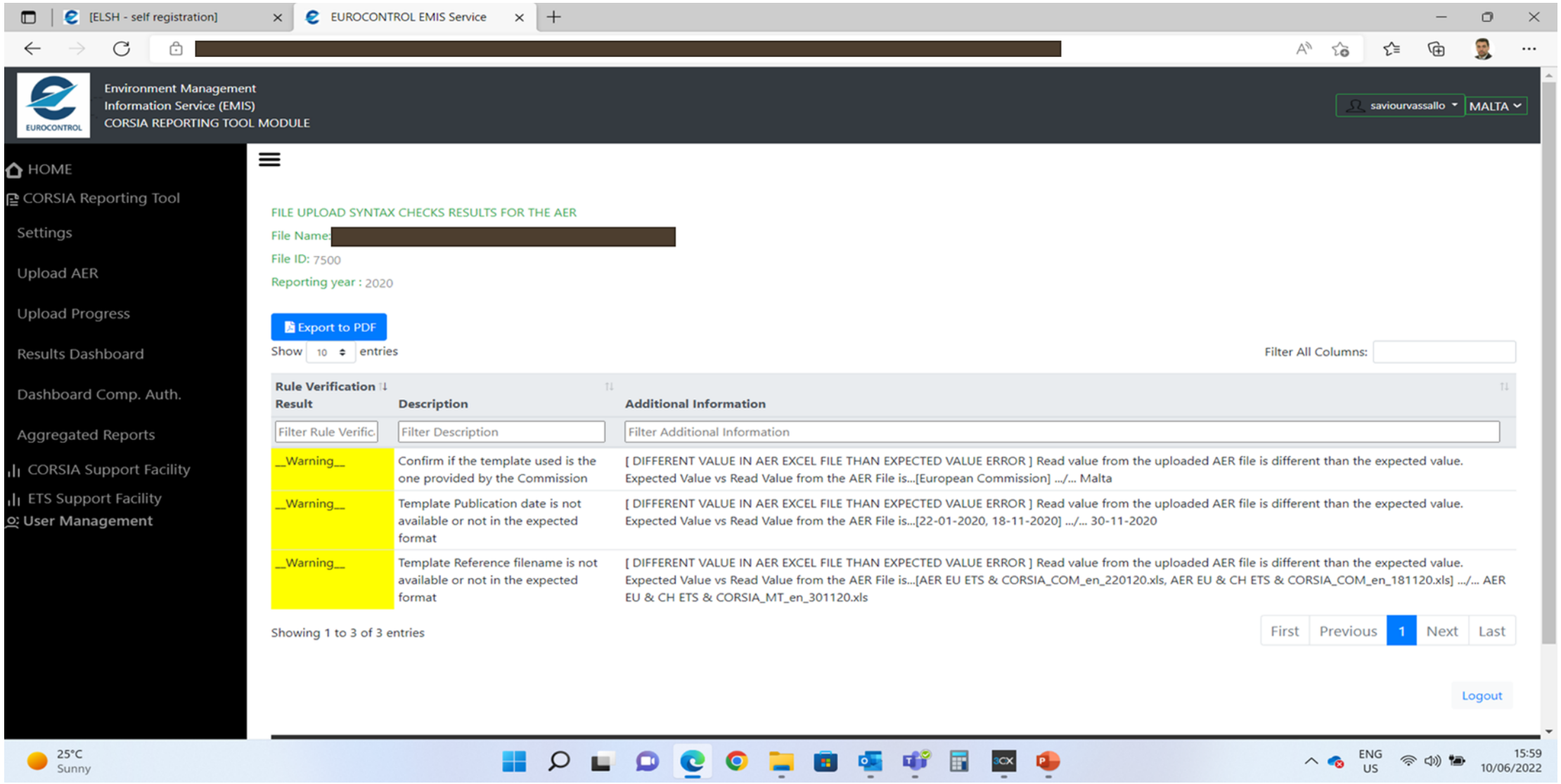
Notes:

- CRT developed and implemented by EUROCONTROL in coordination with the end-user States, and supported by a financial contribution from the European Commission.
- The tool has been designed to facilitate its use by any interested State (not only EEA States).
- Available for free for any State as an in-kind contribution from Europe towards an efficient and effective implementation of ICAO's CORSIA.

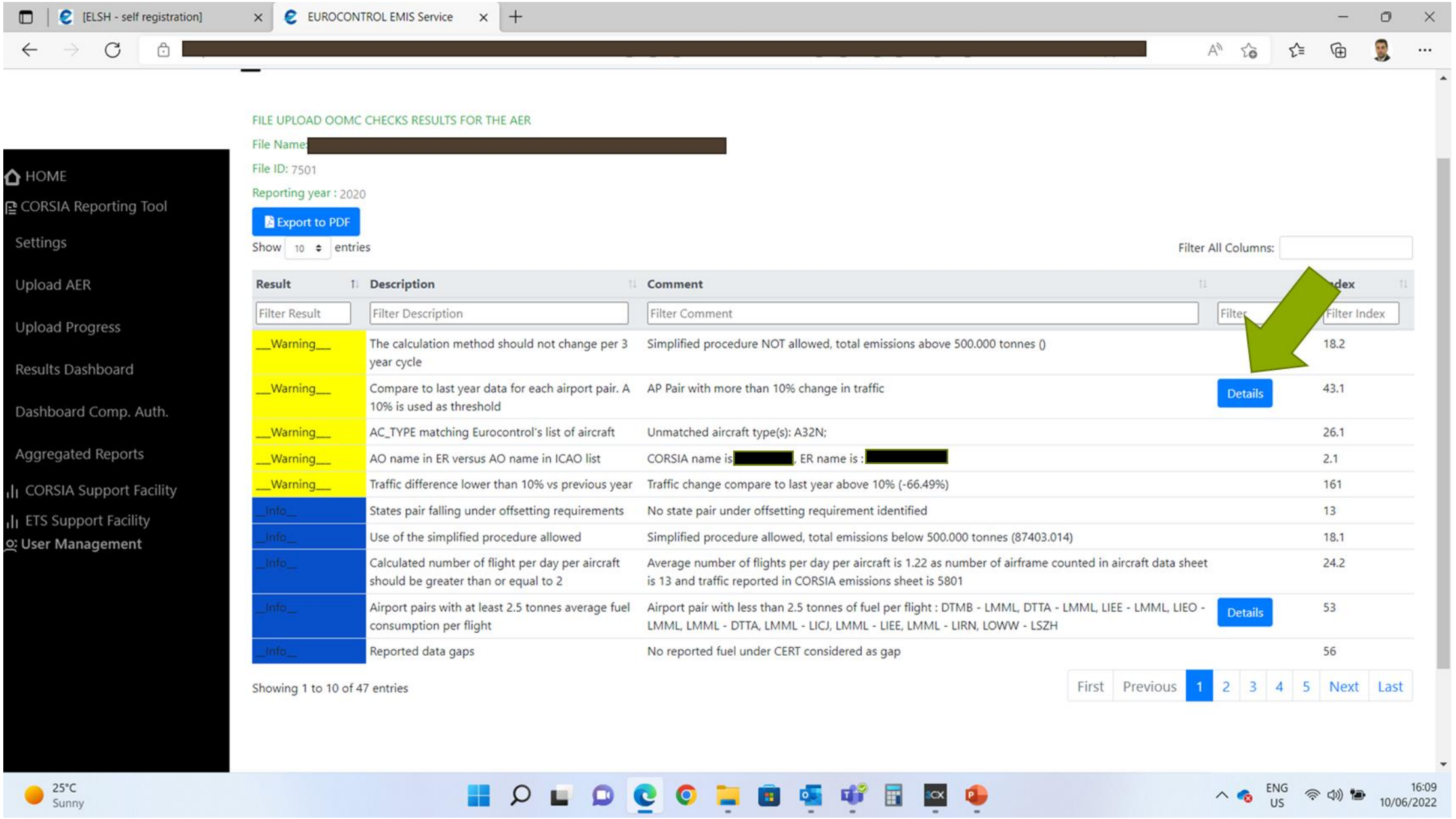
Using IT tools for OoM checks - the ECTL CORSIA Report Tool



Syntax checks



Order of Magnitude checks



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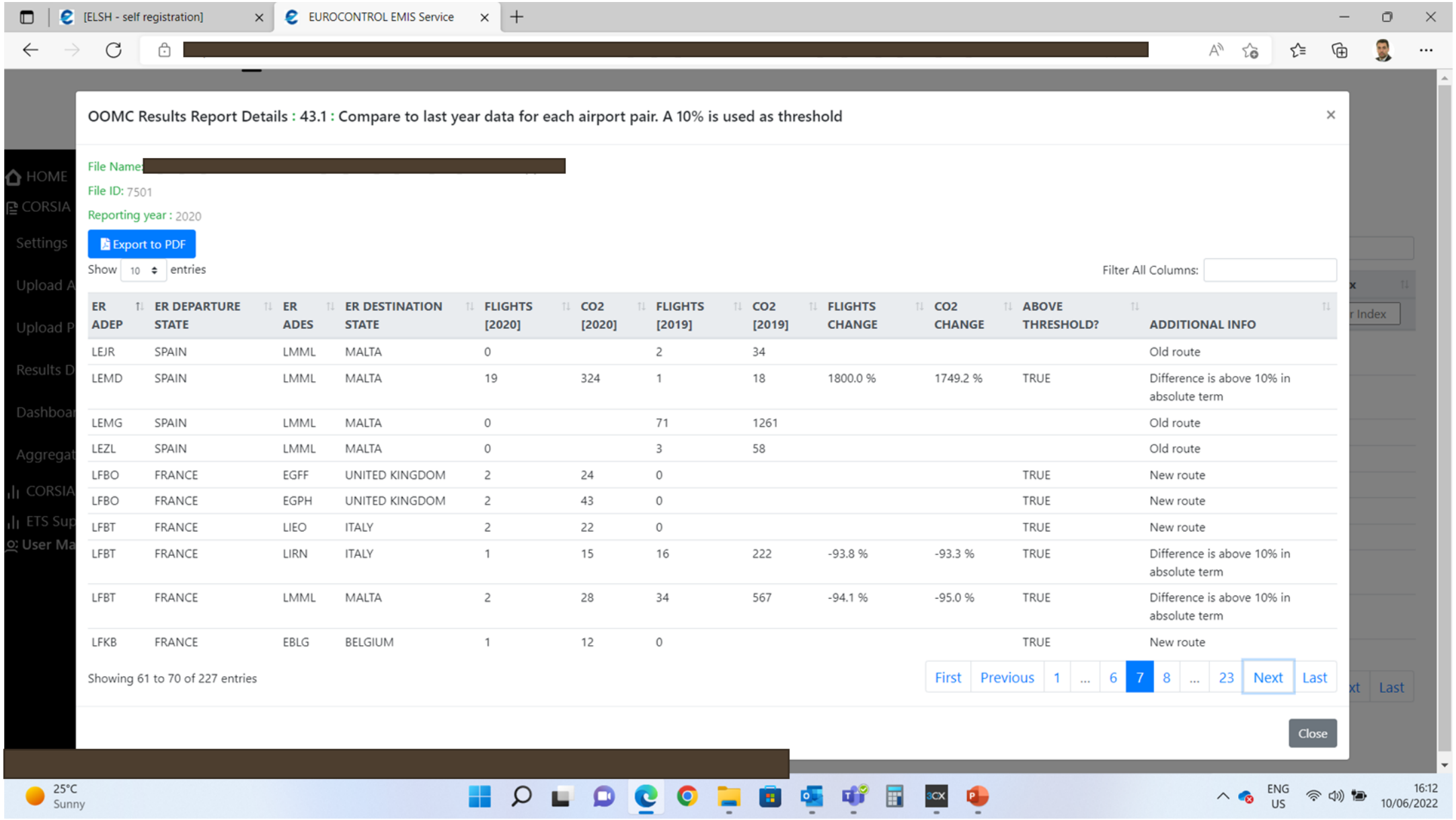

Reflections on our experience (1)

"Plan your work, and work your plan."

- A well-prepared monitoring plan goes a long way towards ensuring robust reporting.
- Ensuring robust reporting leads to smooth verification.

- Experience gained from other MRV systems facilitates CORSIA reporting by AOs.
- In reality, data requirements and methodologies are similar across systems.

- AOs with robust internal system for managing their data deliver best reports.
- AOs increasingly using automated data management systems for MRV, whether off-the-shelf or bespoke - integrated within flight management systems.
- Ensure that such systems are aligned to requirements.

Reflections on our experience (2)

- Clear understanding of CORSIA requirements is key.
- AOs do not necessarily always have the correct understanding of CORSIA and competent authorities have an important role here.
- Same applies to verifiers.
- Capacity building across all CORSIA partners will continue to be a must.

Thank you.

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