

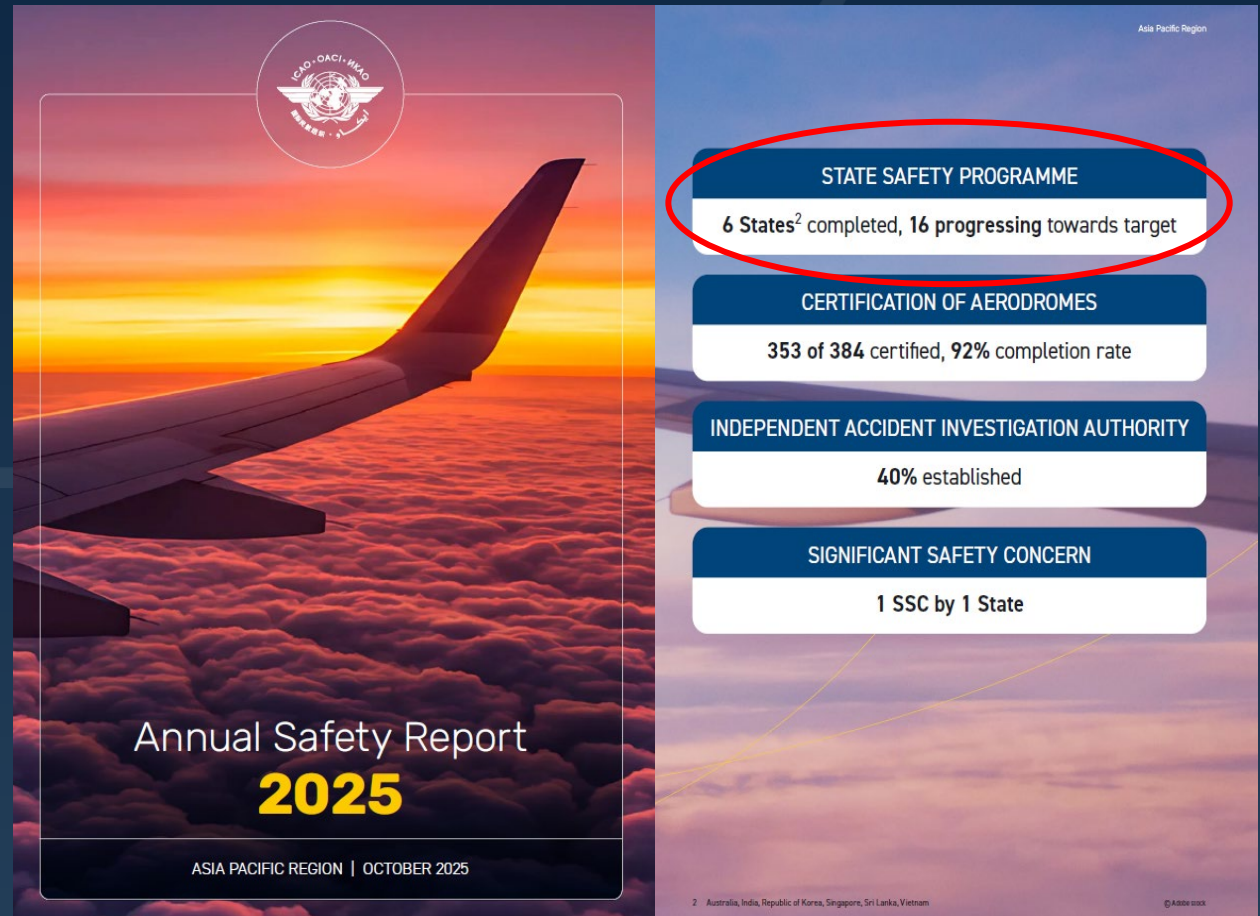
Progressing State Safety Programs by Strengthening Safety Risk Management through Flight Data Monitoring

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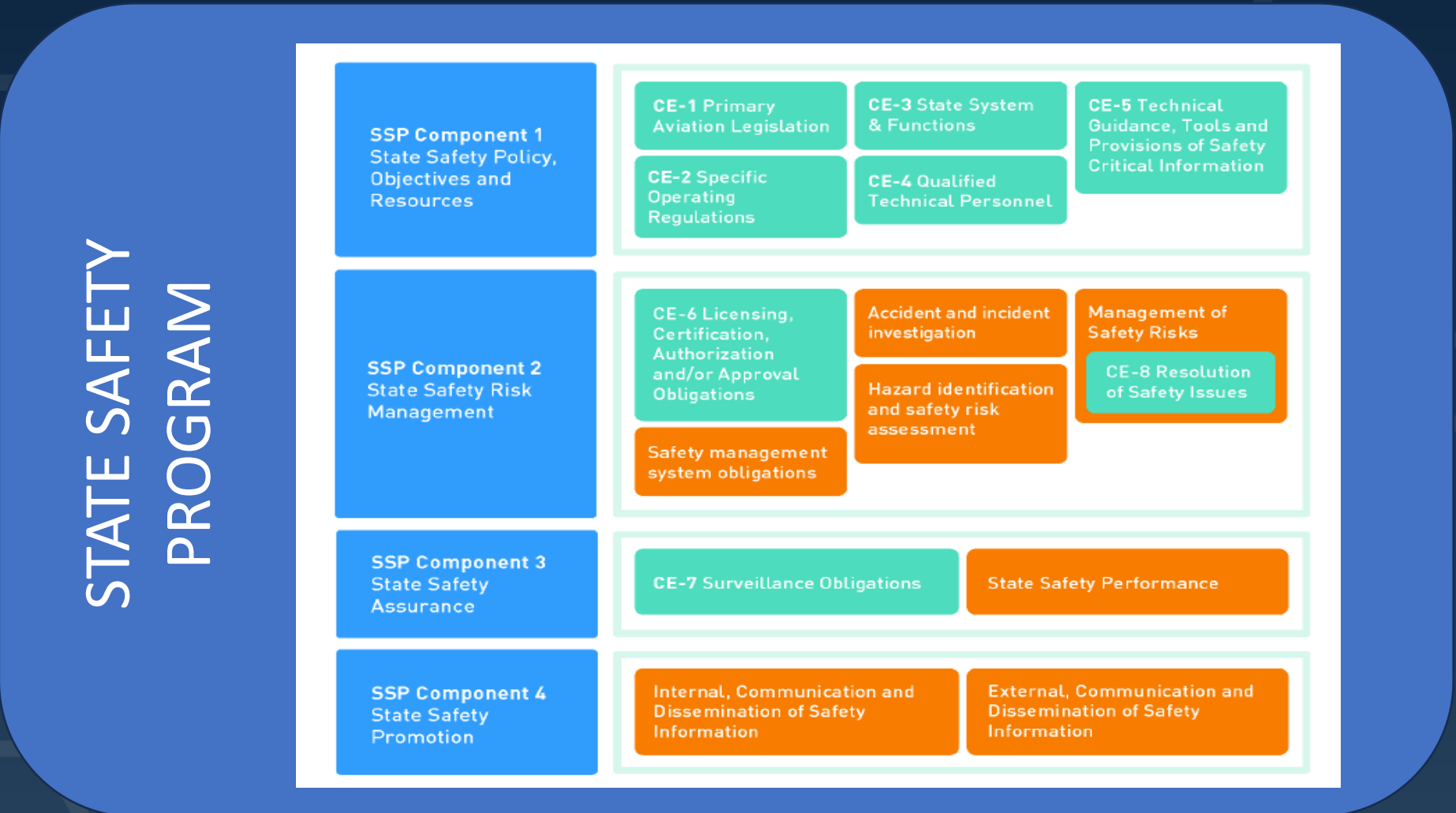
*ICAO Asia/Pacific (APAC)
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Standardizing SSP

- As reported in ICAO APAC Annual Safety Report (October 2025), only 6 states in APAC completed the establishment of a State Safety Program (SSP).
- 16 States are progressing towards establishment of SSP.

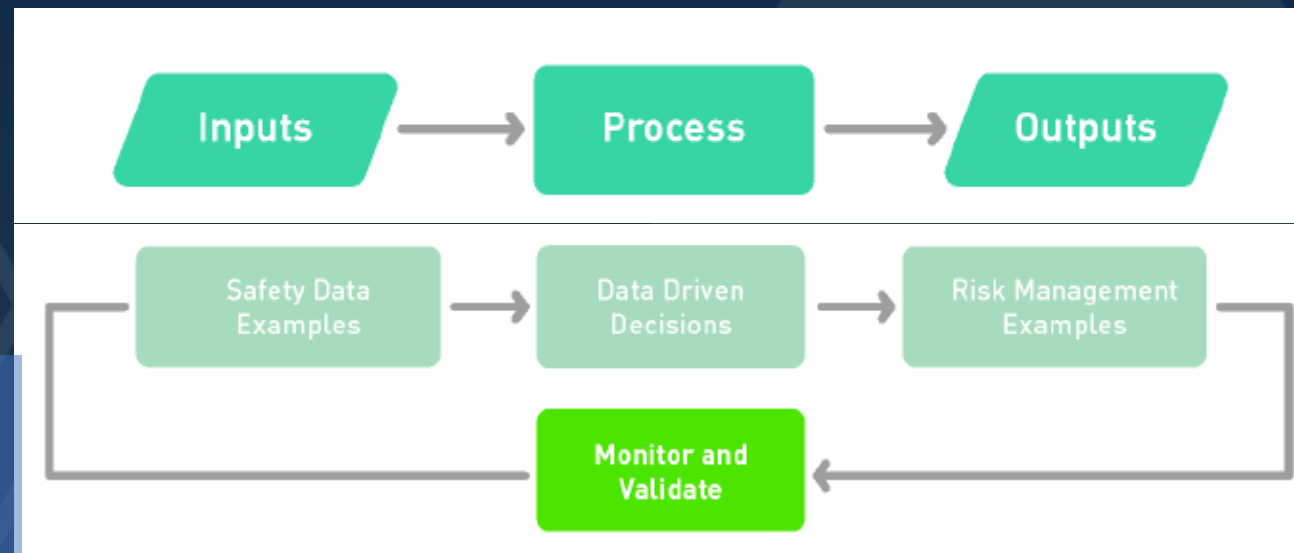


Components of SSP



Source: ICAO Doc 9859 Ed 4 Chapter 8

Data Driven Analysis Program as part of Safety Risk Management (SRM)

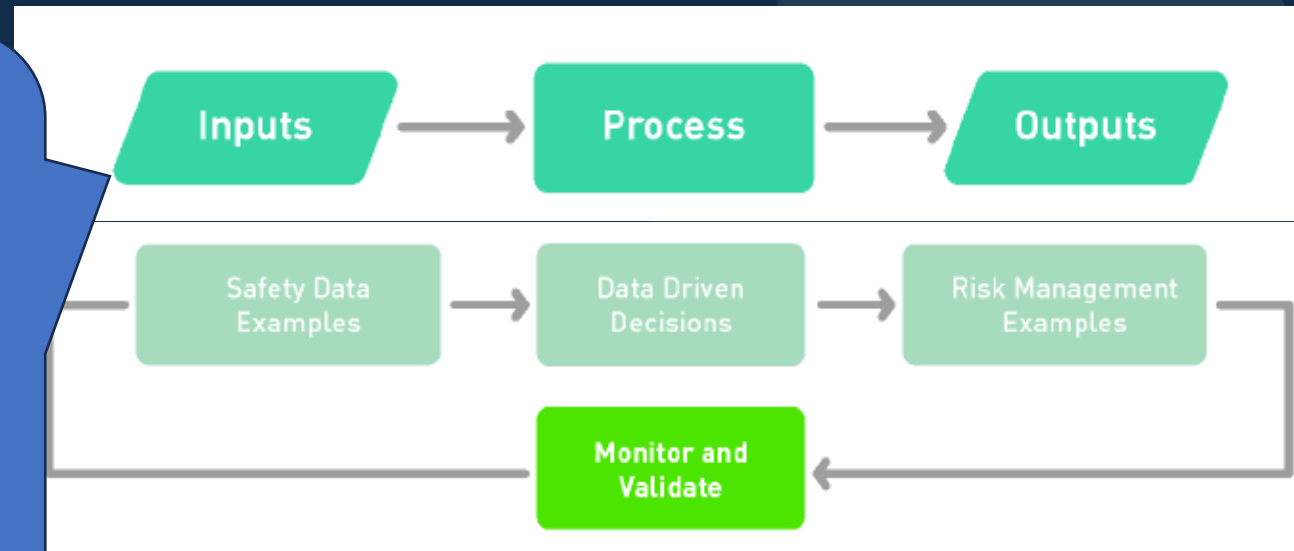


The primary goal of SRM is to identify and control the potential consequences of hazards using the available safety data. The principles for SRM are the same for States and service providers.

Service providers have access to their own safety data. States have access to safety data from multiple service providers. Therefore, the State implementing common taxonomies to classify safety data it collects will greatly improve the effectiveness of the State SRM process. This also allows data gathered from multiple sources across different aviation sectors to be analysed more efficiently.

Data Driven Analysis Program as part of State Safety Risk Management (SRM)

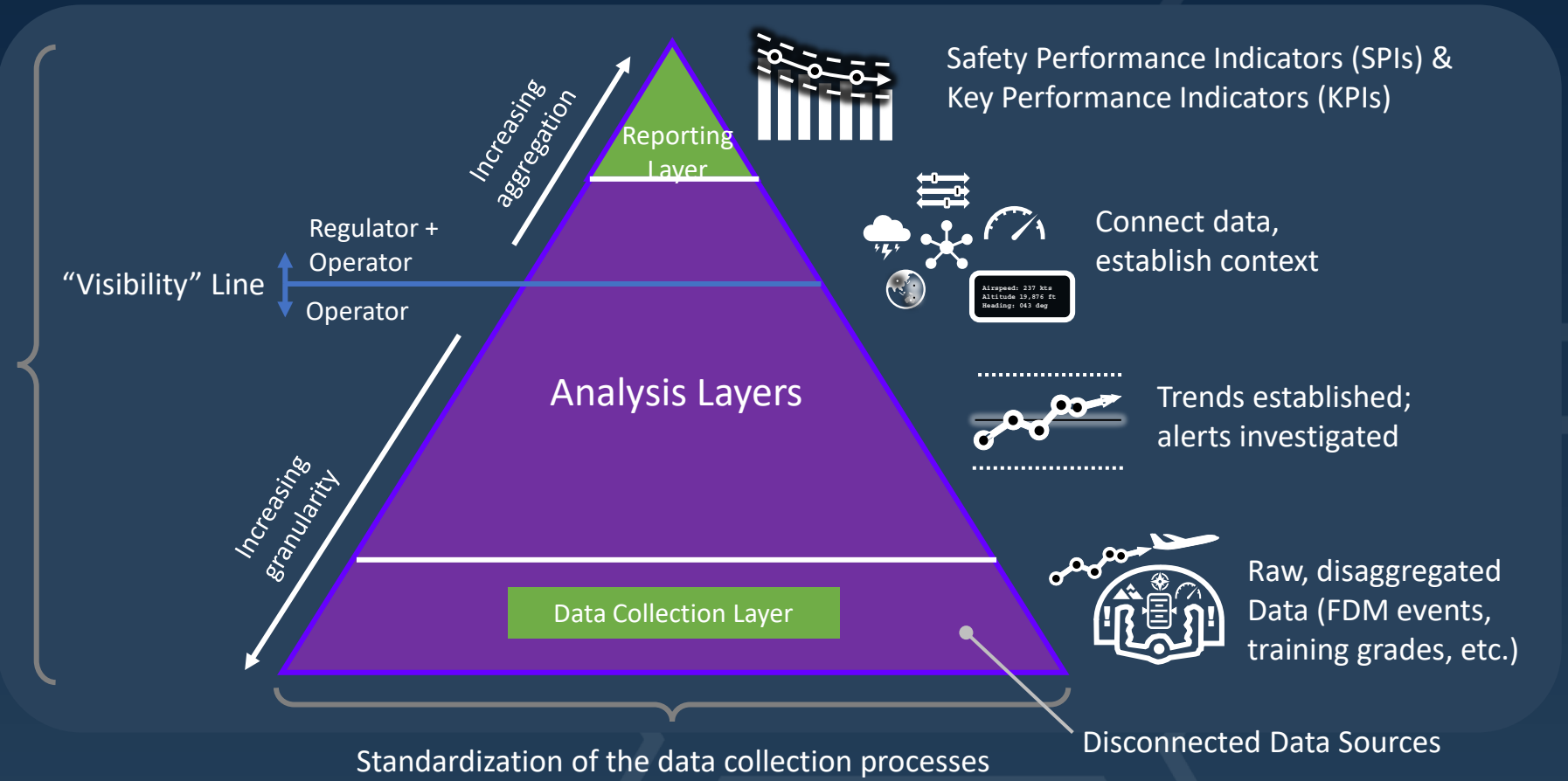
- Accident/Incident Investigation Reports
- Continuing Airworthiness Reports
- Audit Findings
- Mandatory Reports
- Voluntary Reports
- **Flight Data Monitoring Reports**



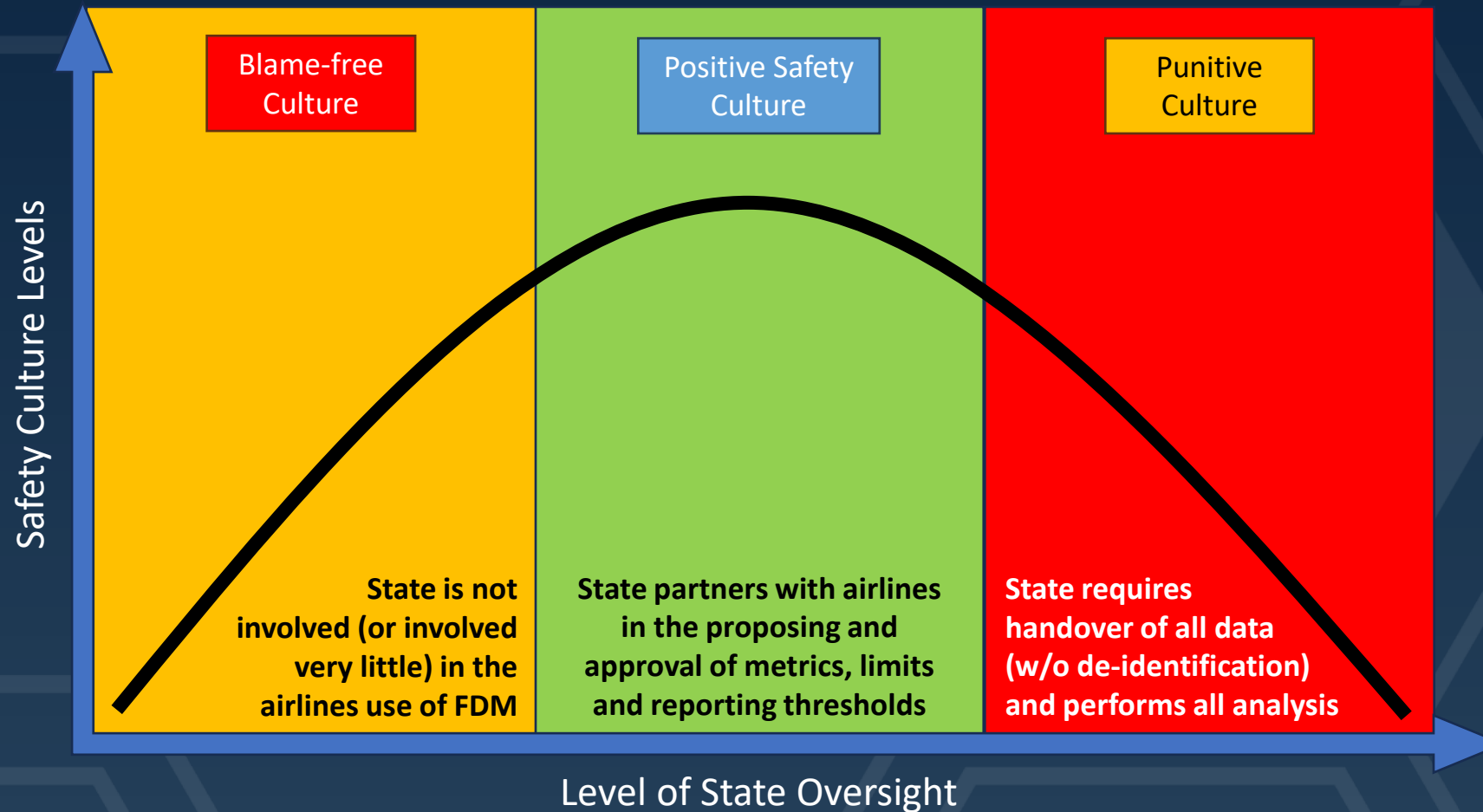
Flight Data Monitoring (FDM)

FDM is an Automated Monitoring System that uses automated recording system to monitor parameters that can be analyzed

Standardization of the data aggregation processes



Nurturing a Healthy FDM Oversight System



Next Steps

- Boeing has funding available to assist the COSCAPs with furthering development/implementation of State Safety Plans
- We would like to contribute specifically towards development/strengthening of Data Driven Analysis Programs as part of the Safety Risk Management (SRM) element of state's SSPs
- We believe strongly in the power of healthy FDM Oversight systems and want to learn more about where states have needs in their SRM programs
- We look forward to working collaboratively with states and other non-state contributors towards developing and strengthening these elements of SSPs

