



# Module 4 Safety Analysis



## Safety Analysis

- Safety analysis is generally conducted following a question or problem statement and is supposed to provide a decision aid.
- A safety analysis consists of a data-driven logical flow of thought which ends in a proposal or conclusion related to the question.
- Typical questions are related to choice (which one between A or B) or priority (which one first?)



## **Conducting Safety Analysis**

- **Give background information on the subject.**
- **Provide data and metrics in relation to the subject.**
- **Propose a decision making method using the data.**
- **Conclude on an optimal decision or list of possibilities.**



## iSTARS Exercise

- **[Your State] wants to help foreign countries improve their aviation system. Focus should be on countries flying to [your State] and having problems with USOAP or the EU safety list. [Your State] has a limited assistance budget. Provide a list of 5 countries where you would focus with a brief justification.**



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THANK YOU