Introduction to the ASMT Working session

ES^2 SAF Tools, 25th – 27th April 2017,
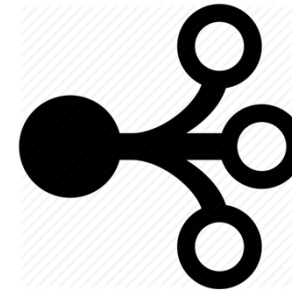ROMATSA HQ, Bucharest

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ASMT Project Manager

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ASMT Operational Support

What are we going to do?

- We will split into 3 **groups** of **20** persons each

1

- Each group will **brainstorm** on **two topics**

2

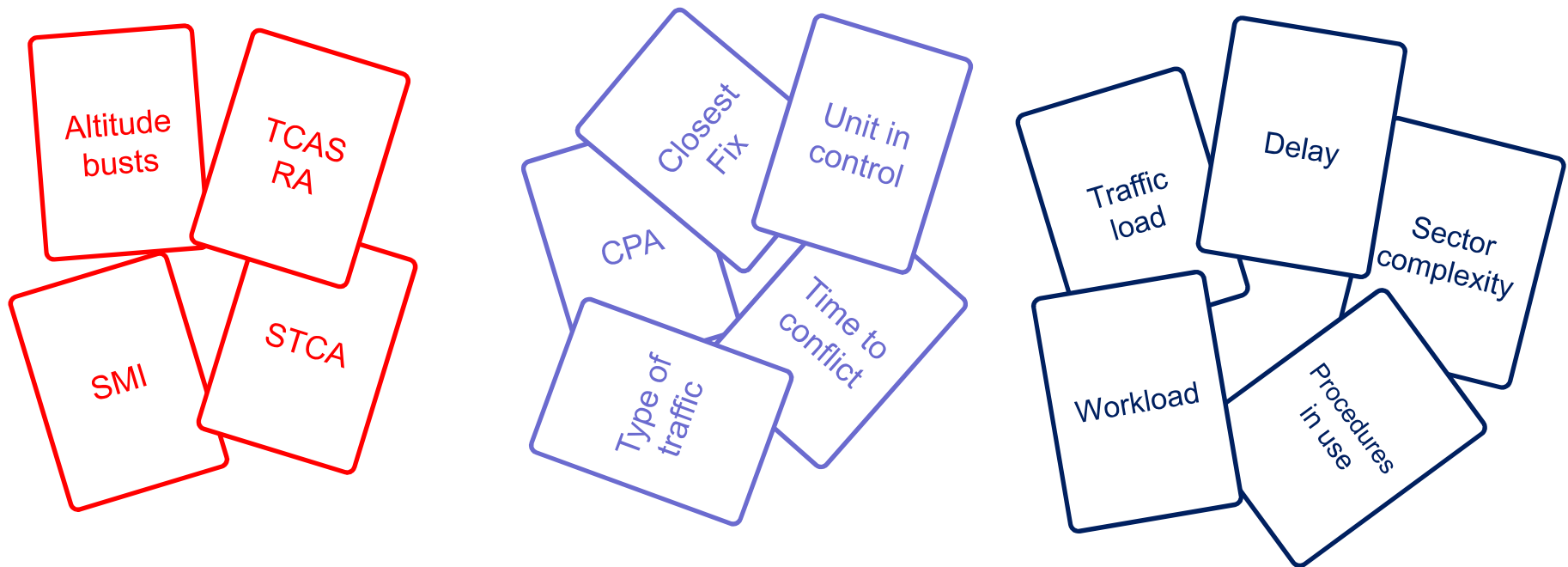- Each group will identify a spokesperson to **present** the results of the brainstorming

3

Network Manager
nominated by
the European Commission

1. What would you like to see on a **Safety dashboard?**

Network Manager
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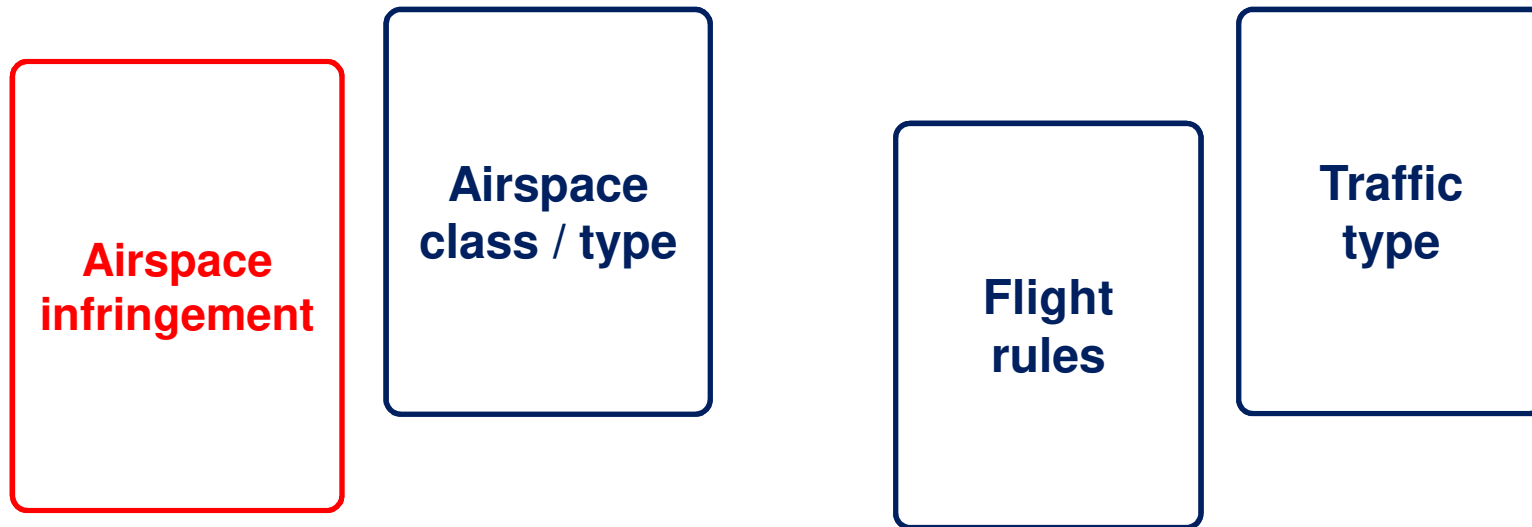
Safety performance monitoring

- Think about what **safety indicators** you would like to see **daily**, **weekly**, **monthly**, **quarterly**…

- Feel free to propose your **ideas** and **<u>do not</u>** consider current ASMT limits

Safety performance monitoring

- You will be given **cards with safety events and elements of ATM system**

- Which **safety indicators** can you imagine by combining them?

Safety performance monitoring

| Airspace infringement | Airspace class / type | Flight rules | Traffic type |

1. How many **AI** are performed by **VFR** in **class A airspace**?
   - **Indicator**: VFR airspace infringement per month

2. How many **AI** into **TSAs** are performed by **GAT IFR traffic**?
   - **Indicator**: GAT IFR airspace infringement per month

Looking for systemic factors

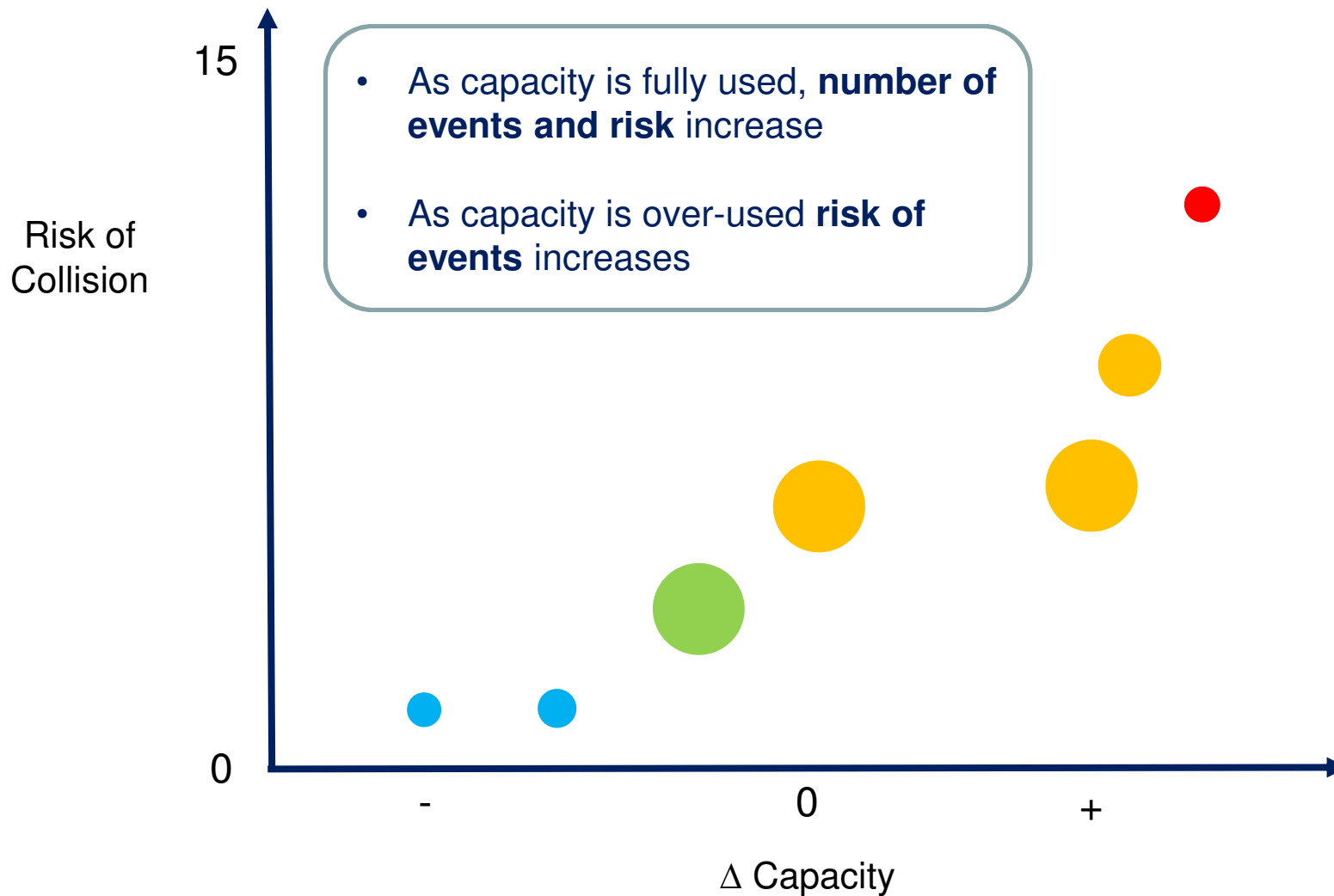2. What **analyses** would help you identifying **systemic issues?**

Network Manager
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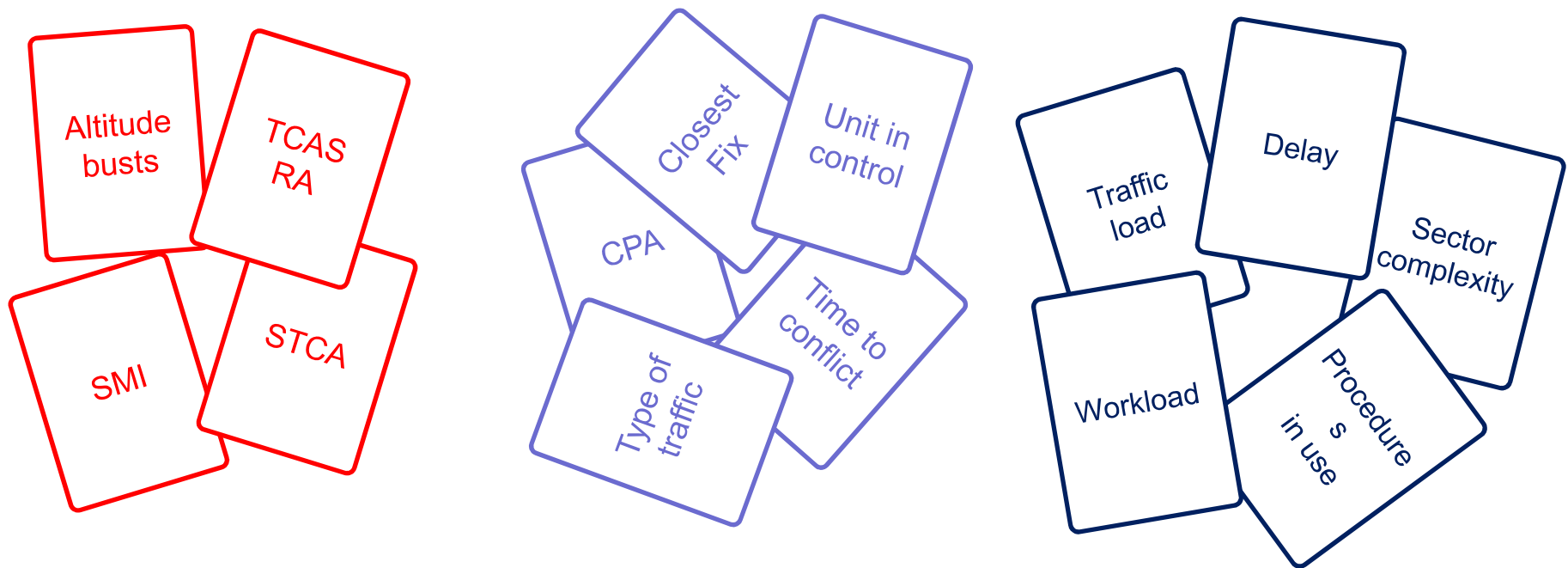the European Commission

Looking for systemic factors

- Think about what could help you in identifying **root causes of safety issues…**

- An example:

  *"Are safety events **more likely** to occur when working at the **edge of sector capacity**?"*

Looking for systemic factors

- As capacity is fully used, **number of events and risk** increase

- As capacity is over-used **risk of events** increases

Risk of Collision

15

0

-          0   +

Δ Capacity

Looking for systemic factors

- You will be given **cards with safety events and elements of ATM system**

- What **correlations** between these elements **make sense** to you?

Looking for systemic factors

STCA	Sector complexity	Traffic load

1. What happens at **different levels of traffic** in a **high complexity sector**? Do STCAs increase? At what rate?

2. How the sum of **complexity** and **traffic load** affects the **number** of STCA?
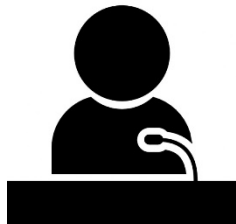
What are we going to do?

1 hour
(11.30-12.30)
- Each group member to write **indicators** and **analyses** on post-its

- Each group member to **present his/her post-its** to other group membrs

- The group **clusters and prioritise** the proposed analysis and indicators

15 minutes per group
(13.45-14.30)