



SUPPORTING  
EUROPEAN  
AVIATION

# Fairness in U-space Workshop

CORUS five

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# Objectives



Who gets to fly?



When?

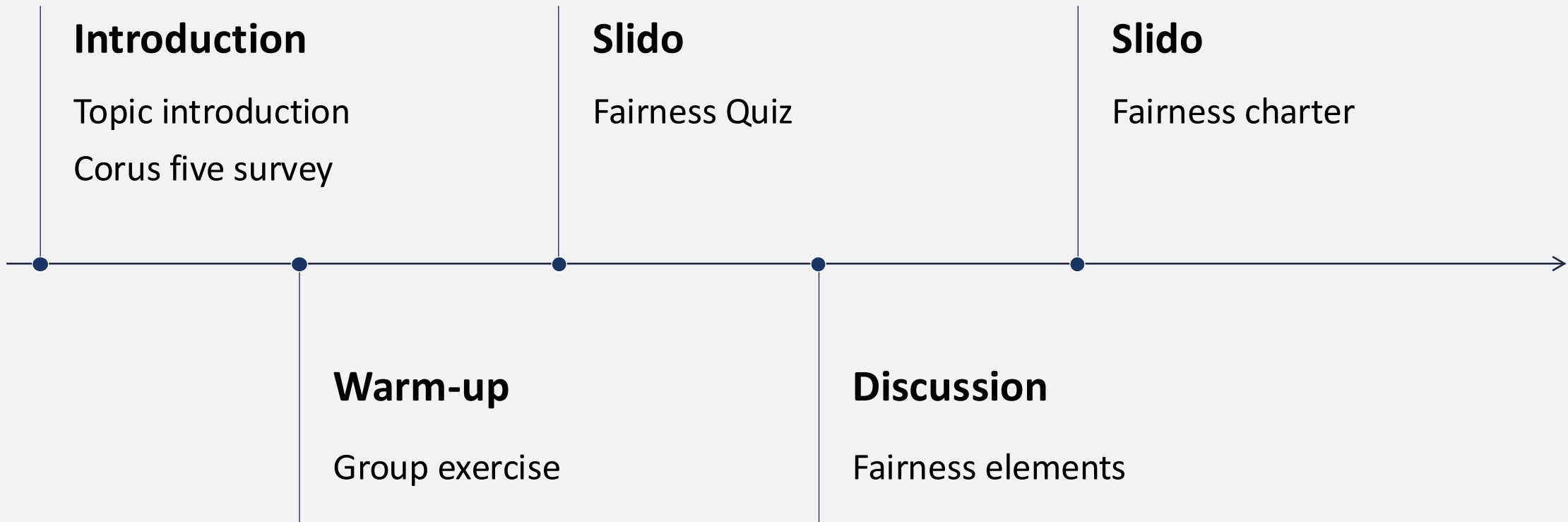


Under what conditions?

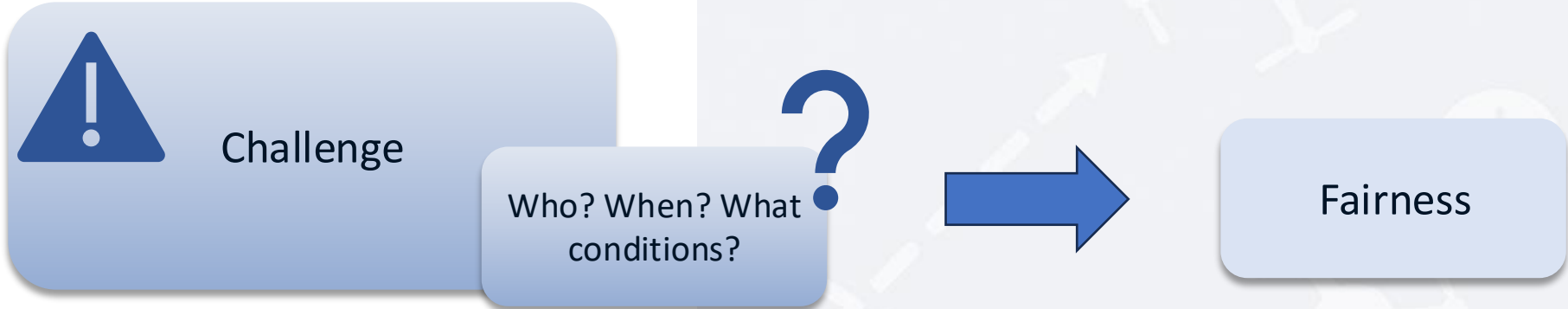


How do we keep the sky fair?

# Agenda



# Why Fairness?



# Fairness in U-space cannot be ignored

Design  
requirement

Trust

Access to  
the airspace

Prioritisation

Economic  
mechanisms

# What the CORUS five survey tells us?

## Why we need deeper answers?

- ✓ Prioritisation, Transparency, equal access
- ✓ Sensitivity around economic fairness
- ✓ Concerns about dominance and unfair behaviour



# And yet... the findings are not enough

- What exactly should fairness mean in U-space?
- How should economic mechanisms be designed so they do not compromise equity?
- Tradeoff - If I pay for priority, everyone else automatically ends up with less priority. How do we keep system transparent yet fair?
- How do we prevent gaming?



# Purpose of today's workshop



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Align on what fairness means for U-space

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Explore economics and fairness mechanisms

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Exploring trade-offs

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Identify how can we “measure” fairness

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Prepare concrete inputs for the mid-term CONOPS

# Warm-up group exercise: Fairness by Stakeholder Role

- Task (10 min)
  - Use post-its.
    1. Describe your operations.
    2. What does fairness mean in your operations?
    3. Which unfairness do you fear the most with regards to your operations?

# Warm-up group exercise: Fairness by Stakeholder Role

- Task:
  - Describe your operations.
  - What does fairness mean in your operations?
  - Which unfairness do you fear the most with regards to your operations?  
(writing that on post its)
- Prioritisation ranking (5 min)



# Warm-up group exercise: Fairness by Stakeholder Role

- Task:
  - Describe your operations.
  - What does fairness mean in your operations?
  - Which unfairness do you fear the most with regards to your operations?  
(writing that on post its)
- Prioritisation ranking
- Presentation (5 min)



# Fairness Quizz

- Scan QR code



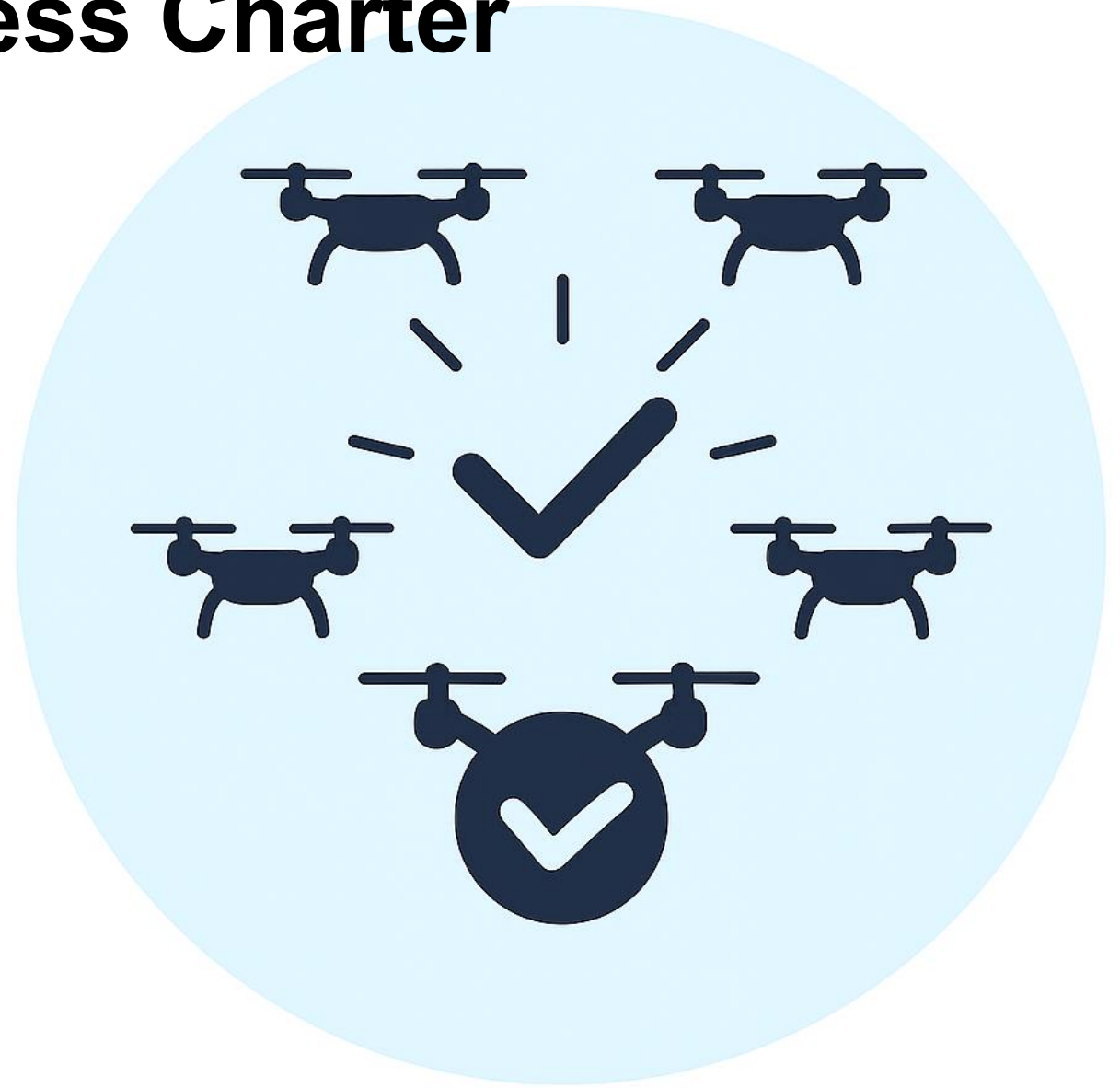
- <https://app.sli.do/event/gwcNBR>

# Designing a Fairness Formula

If fairness had to be measured, what belongs in the formula?"

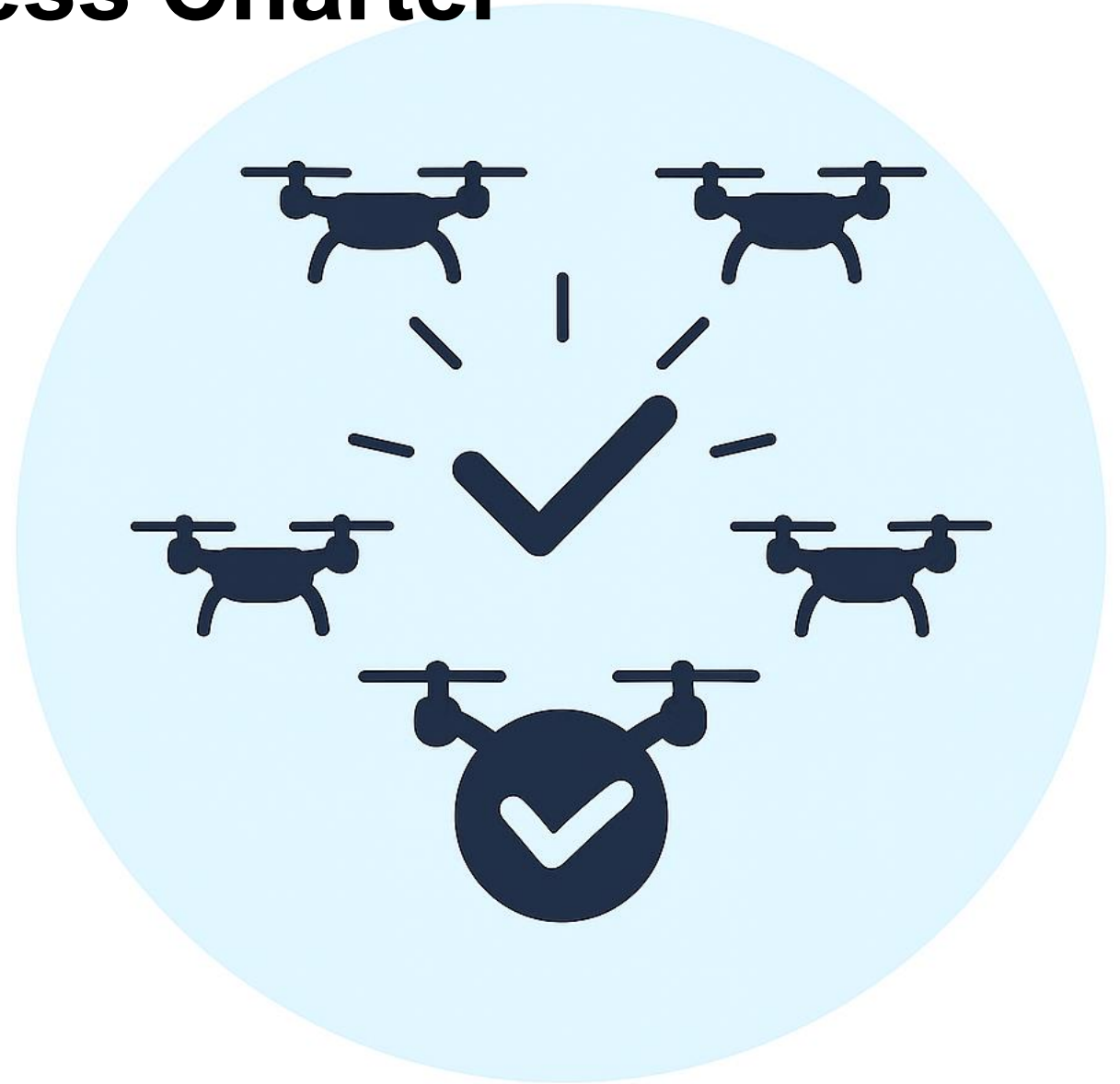


# Designing Your Fairness Charter



# Designing Your Fairness Charter

- Rank identified fairness elements from the most important to the least important
- Assign importance to the factors according to what you believe should govern U-space Fairness





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# Thank you!

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