Welcome and introducing the COMPAIR project

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SESAR
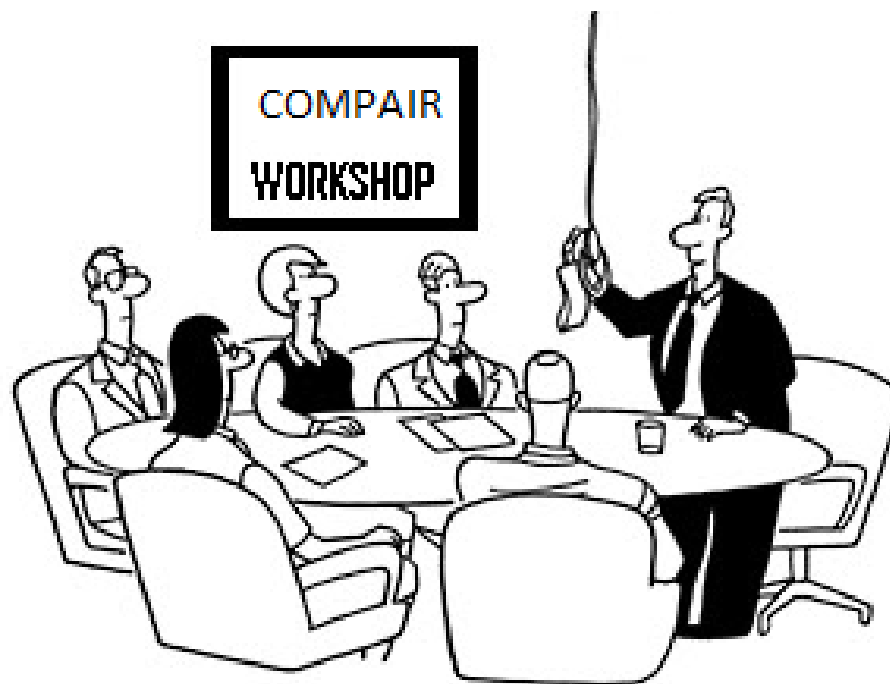JOINT UNDERTAKING

Agenda

Time	Topic	Speaker
13:00-14:30	Lunch & Registration	
14:30-15:00	Welcome and introducing COMPAIR	Eef Delhaye (TML)
15:00-15:30	SESAR 2020 Economic projects	Gerald Gurtner (Univ. Of Westminster) Frank Fichert (Hochschule Worms)
15:30-16:30	Economic modelling	Eef Delhaye (TML) Stef Proost (TML)
16:30-16:45	BREAK	
16:45-17:45	Network modelling	Stef Proost (TML) Javier Torres (Nommon)
17:45-18:00	Closure, lessons	Peter Vass (Slot Consulting)

"And should there be a sudden loss of consciousness during this meeting, oxygen masks will drop from the ceiling."

Introducing COMPAIR

Background

- Air transport is facing many challenges (growing demand, larger airports, increased network congestion, disruptions,…)
- Air Traffic Management is an important player
- The Single European Sky has set ambitious targets for ATM (capacity x3; costs:2)
- However, progress towards targets is perceived as slow
- SESAR WP-E project ACCHANGE: problem of incentives, fragmented market, home-bias

- COMPAIR:
  - would competition be the solution?
  - And if so – how do we introduce competition?
  - Research question: how to introduce competitive incentives in ATM?
  - www.compair-project.eu

4 options which might make sense?

- Regulatory approach/governance
  - Idea of increased involvement of ATM customers ->higher customer focus
- Unbundling of support services (tower control, MET,…)
  - Competition IN the market
- Tendering of En-Route ATM (temporary licenses)
  - Competition FOR the market
- Origin-Destination based operations
  - Competition between ANSPs (for OD routes/networks of airlines)

- And what about combinations?

Methodology

4-step approach

1. Qualitative exploration of alternative options

   ▪ Desk research, literature, feedback ATM experts (survey, AB, interviews)

   ▪ Result: D2.2: Qualitative exploration of alternative options

      ▪ Trade-off between effectiveness and implementation feasibility

      ▪ Unbundling was seen as most promising

      ▪ Tendering possible but political and social barriers

2. A first quantitative assessment: economic analysis

   • IO models, game theory, econometric estimations

   • Simple models

3. A more comprehensive quantitative assessment

   • Game-theoretic network model

   • Agent-based auctioning model

4. Feasibility?

   • Towards implementation

Welcome and introducing the COMPAIR project

Thank you very much
for your attention!

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