

# ASDA

*Association for the Scientific  
Development of ATM in Europe*

SESAR Innovation Days 2016  
ASDA

Kurt Klein

2016-11-08, TU-Delft

Delft, The Netherlands

# ATM Research

**ASDA**  
Association for the Scientific  
Development of ATM in Europe

„Research did not deliver“ ----- ???????

A phrase used to push for SESAR in 2006, but  
it was never true



# ATM Research

- SESAR build upon research work mainly executed in the 1990ies by Universities, Research Establishments, and Research departments of ANSPs.
- Our Experiments of 199x are now put in operation with the help of SESAR and SESAR Deployment



# ATM Research



SESAR was a necessary step to consolidate the transfer from the labs to operation, by

- bringing stakeholders together,
- filling knowledge gaps in several applications,
- getting over the fragmentation in Europe (mainly ANSP)

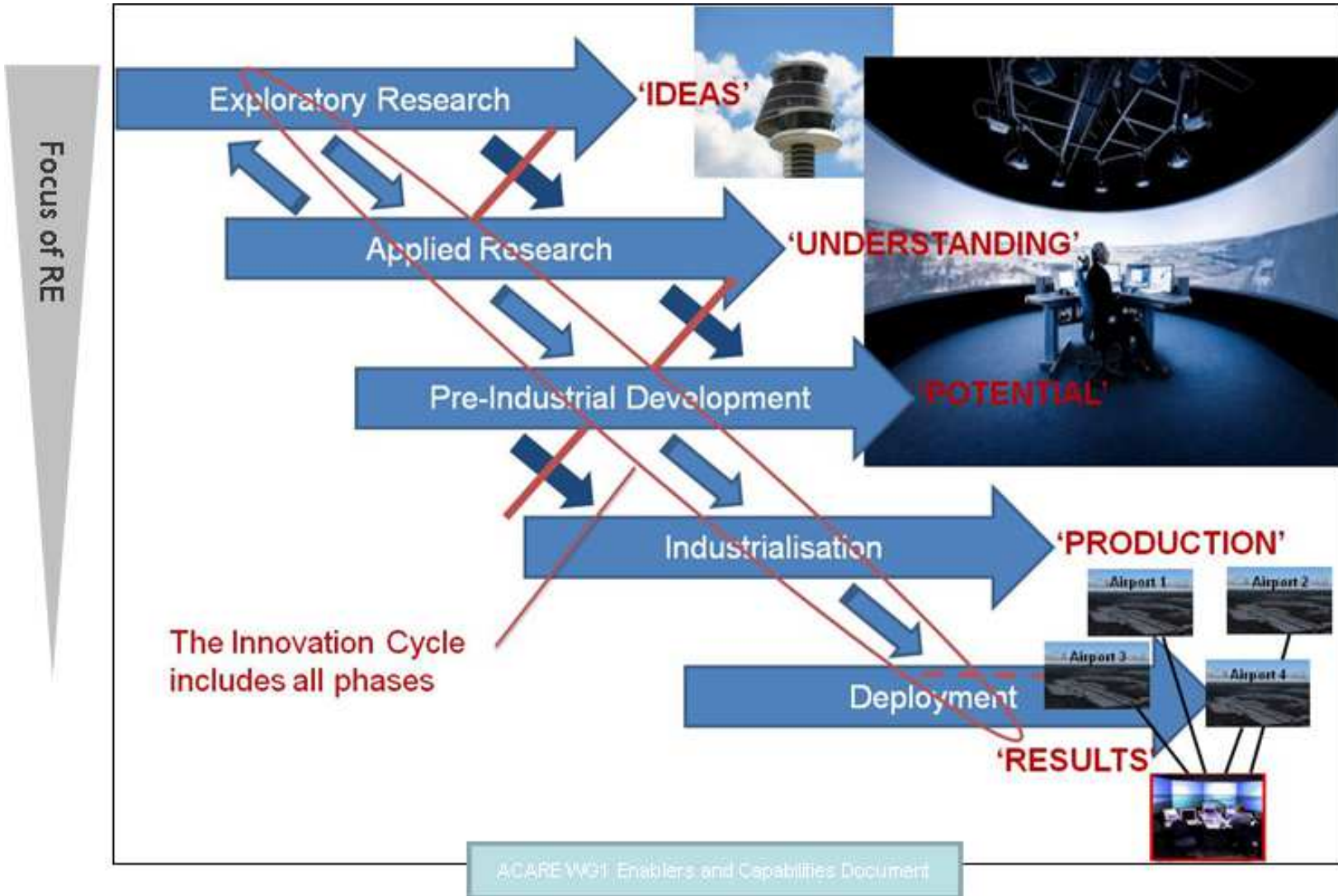


# ATM Research



- So, everything in good shape ??
  - >>> Do not forget the sources of new technology, make provisions for the future !
  - >>> That is why **ASDA**, the advocat of ATM researchers, is still fighting for
    - Long-term or exploratory research
    - The required environment for fundamental research, and
    - Enough financial and expertised ressources

# ATM Research



# The Association



- Was founded in 2007
- Has now 20 members (Universities and non-commercial Research Establishments) and 3 associated members
- Represents the Scientific Community in the SESAR JU administrative board
- Fosters scientific discussions and supports cooperation between members and other stakeholders

# ASDA Series of Tournaments 2016



Thursday 10.11.2016	Theme	Guide
14:00 - 14:10	ASDA welcome	Kurt Klein (ASDA Chairman)
14:10 - 14:30	Key Note	Marc Bourgois (Eurocontrol)
14:30 - 16:00	ASDA Session 1: Virtual Tower Centre	Evert Westerveld (LVNL)
16:00 - 16:30	Coffee/Tea	
16:30 - 18:00	ASDA Session 2: Aviation 4.0 - How and in which situations automatic flying can increase safety (and security)	Peter Waldinger (ex. DFS board)
Friday 11.11.2016	Theme	Guide
09:00 - 10:30	ASDA Session 3: Airport Performance - More Punctuality	Christoph Schneider (MUC)
10:30 - 11:00	Coffee/Tea	
11:00 - 12:30	ASDA Session 4: Cyber Security in ATM	Christopher Johnson (Glasgow University)
12:30 - 13:00	Wrap-up by Guides	
13:00 - 13:10	Closing	



# What next ?



- At General Assembly of ASDA on Thursday evening (18:30, TU-Delft, Room B) further involvement of the association in research coordination and lobbying will be discussed.
- The long term research and it's consolidation in SESAR2020 will be supported
- Next Year more ASDA events are planned.
- And ...  
we are starting to lobby for more ATM Exploratory Research in the future, also beyond H2020

More on:  
<http://www.ASDA.aero>

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Thank You !

