3\textsuperscript{RD} USA / Europe ATM R&D Seminar

- Conclusions -
Safety and Separation Standards

• ATM safety analysis is feasible, tools are rapidly improving, human performance is an essential factor

Human Factors

• HuFas have become a key area for understanding the impact of changes in concepts of operation
• Extensions of the work must continue to ensure safety and efficiency of operations as new concepts are explored and implemented
Achievements /2

Airborne Separation Assurance
• Has rapidly evolved from first ideas in previous seminars to an important operational concept

Capacity / Economics
• Growing understanding of the limits to growth

Environment
• First good papers on this subject - it has to be further developed (noise and emissions)
Max Peak Instantaneous Number of Aircraft Handled by one ATCO


- Optimistic
- Realistic
- Pessimistic
- Fairy-tale
The good cooperation and mutual understanding was confirmed in Naples

... let’s continue!
The Proceedings

- “Working Proceedings” for all Participants
- Final Papers/Presentations on the Web + CD
- AIAA Book, some 30 2000 papers, some 98 papers, editor G Donohue
- ATC Quarterly Special Editions on Safety, Environment etc, coordinator D Zellweger
History

• Idea 95 - J Fearnside & JM Garot
• 1st Seminar Paris June 97
• **60** Participants / **40** Invited Papers
• 2nd Seminar Orlando December 98
• **110** Participants / Call for Papers: **108/50**
• 3rd Seminar Napoli June 2000
• **150** Participants / Call for Papers: **127/64**
Conclusions /3

The Next Conference

– Will there be one? And if yes, where?
– On which Subjects?
– Participants (Customers - Students)?
– Call for Papers … which Selection Process?
– How can we improve the Communication?