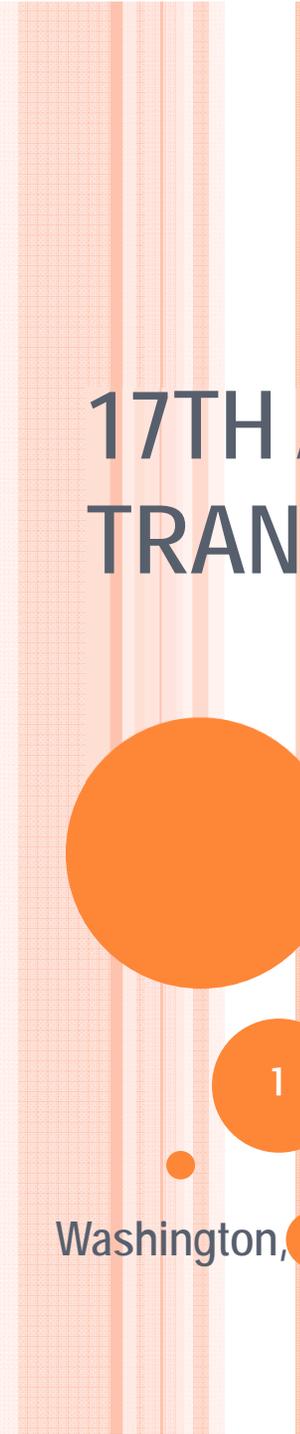


# 17TH ANNUAL FAA COMMERCIAL SPACE TRANSPORTATION CONFERENCE

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STARDUST CONSULTING



Washington, February 6th 2014

# INTERNATIONAL SPACEPORT & SUBORBITAL FLIGHT ACTIVITIES IN SPAIN

- INTRODUCTION
- CHANGE OF PARADIGMA
- Ancien history
- Modern history
  - Suborbital flight
  - Spaceport
- SPACE LAW IN SPAIN. REGULATE & PROMOTE
- CONCLUSIONS

# ANCIEN HISTORY I



# ANCIEN HISTORY II



# MODERN HISTORY I

- Commercial access to space



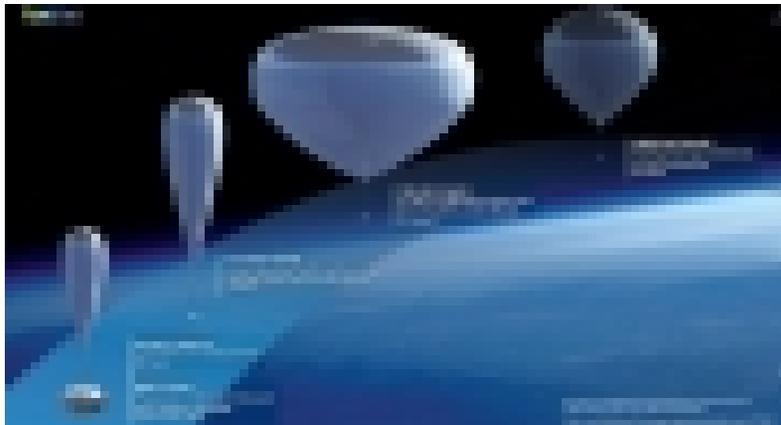
# SPACE BUSINESS

- Suborbital Flight. Space Tourism
- Orbital & Suborbital payload launch
- Point to point
- Spaceport options

# SUBORBITAL FLIGHT I



# SUBORBITAL FLIGHT II



# SPACEPORT IN SPAIN: OPTIONS

- LLEIDA ALGUAIRE
- TERUEL
- GRAN CANARIA



# LLEIDA ALGUAIRE



- Aeroports de Catalunya.
- Law 14/2009 July 22th Airports

# TERUEL



# GRAN CANARIA



# INTERNATIONAL TREATIES

- 1969 Outer Space Treaty
- 1968; Rescue Agreement
- 1972; Liability Convention
- 1972; Registration Convention
- 1979; Moon Agreement. Not ratified.
- Lisbon Treaty Art.- 189

# SPANISH SPACE LAW

- UN Treaty( 4 of 5)
- UN Principles
- UN Resolutions
- ESA Convention
- ISS Agreements / NASA Agreements/ Others
- Lisbon Treaty Article 108
- Spanish Space Law
  - Treaties
  - Register
  - Aeronautical regulation
  - Catalanian Airport Law

# SPANISH SPACE LAW ESPAÑOL

- International treaties
- Order May 4<sup>th</sup> 1968 about launch
- National register of space object: RD 278/1995 de February 24th
- Telecommunication law
- Air navigation Act.
- Law 14/2009 of July 22th about airports

# SPANISH FUTURE SPACE LAW

- WORKING...



## CONCLUSIONS

- At this time, we have different space projects with interests in working in / with Spain
- Current Business Opportunities
- We need Space law for to no to have punctual ad hoc regulations and we are working about.
- Now is the moment

QUESTIONS ?

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