ASBUS TRANSLATED FOR NON-ENGINEERING LEADERS

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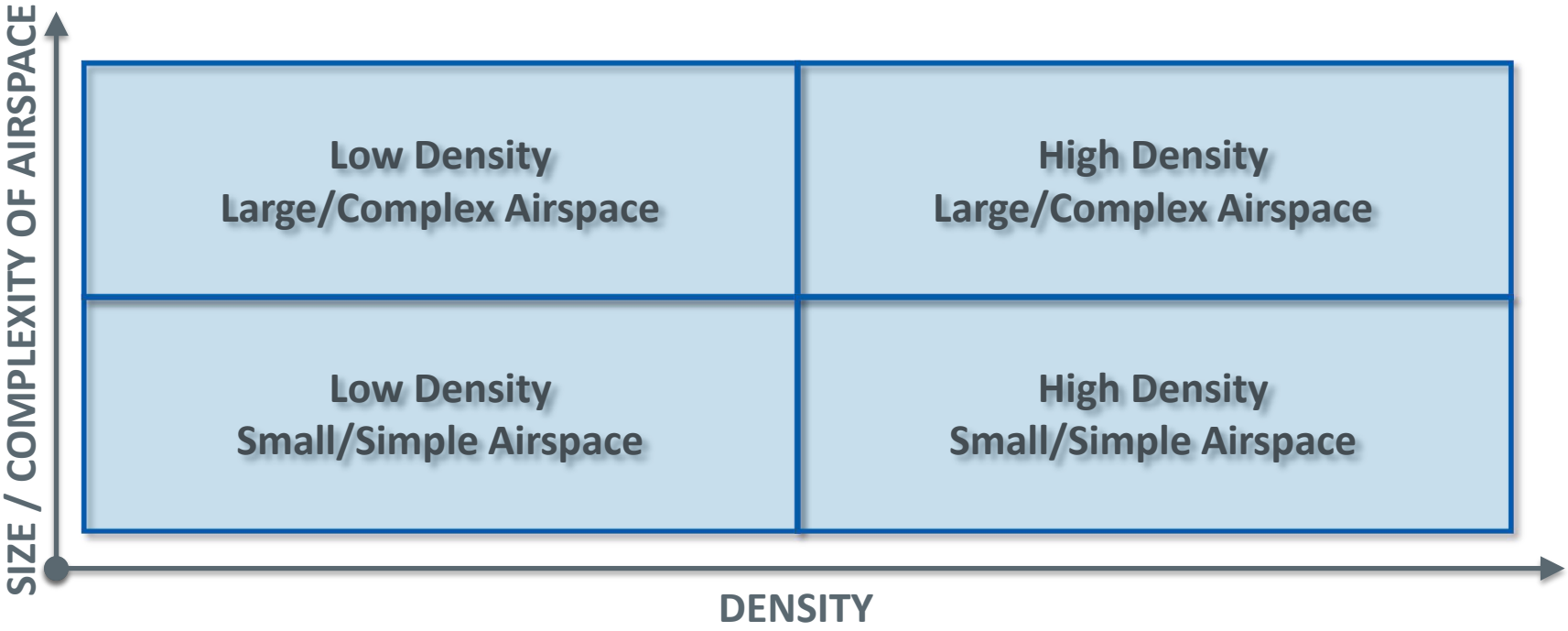
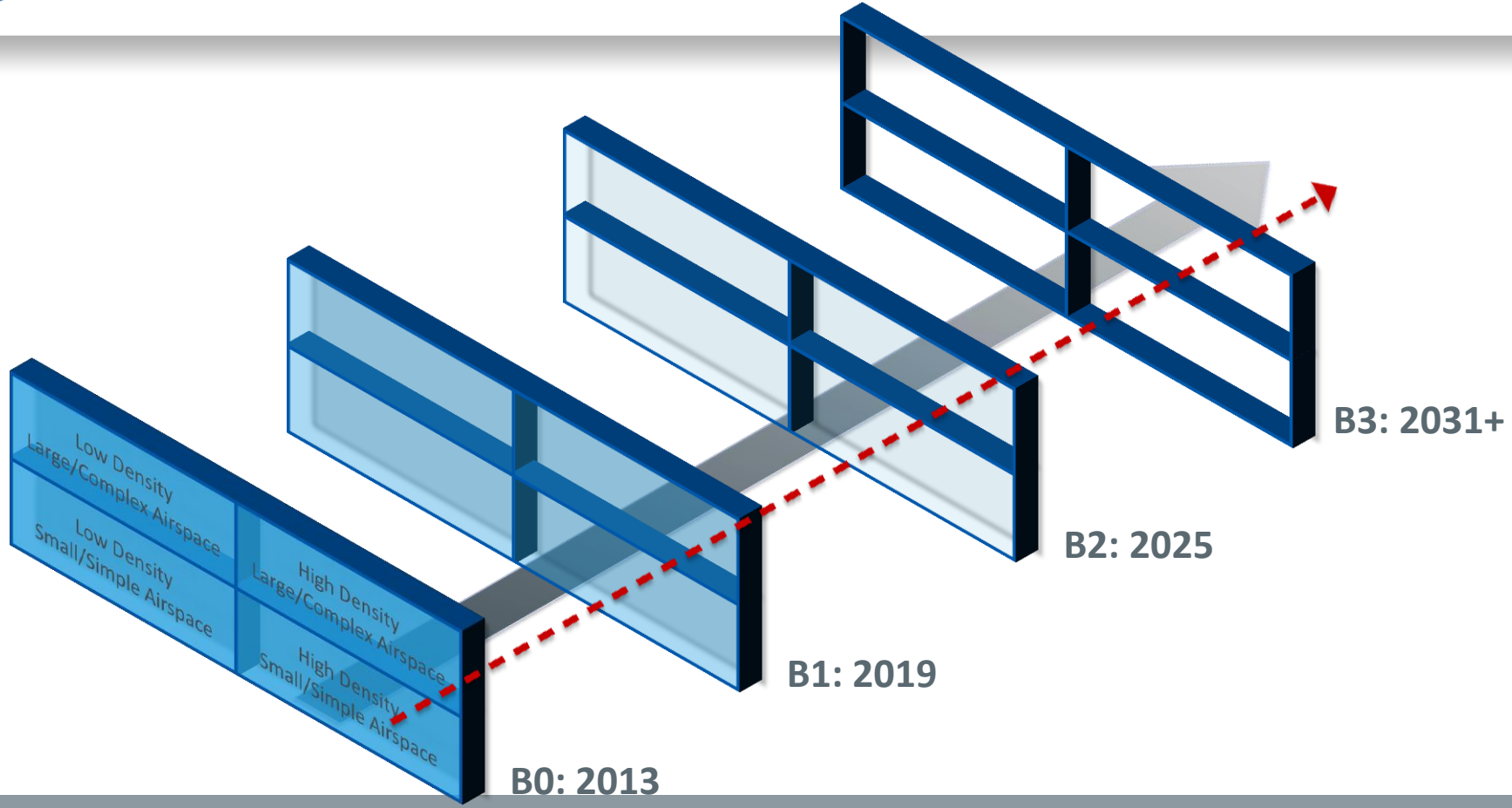
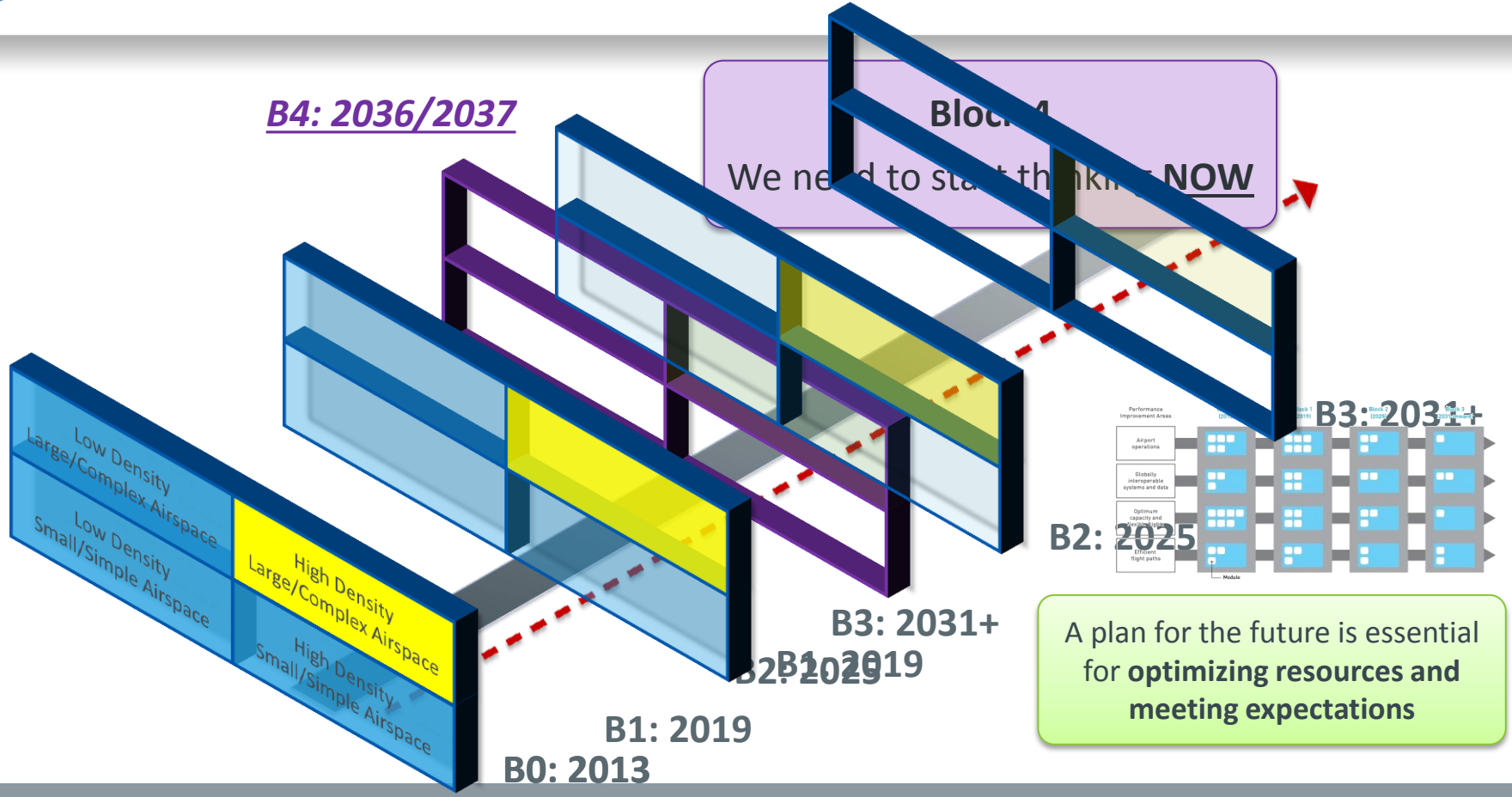
GREPECAS/18
13 April 2018 Punta Cona, Dominican Republic


SIZE / COMPLEXITY OF AIRSPACE
Low Density
Large/Complex Airspace
High Density
Large/Complex Airspace
Low Density
Small/Simple Airspace
High Density
Small/Simple Airspace
DENSITY

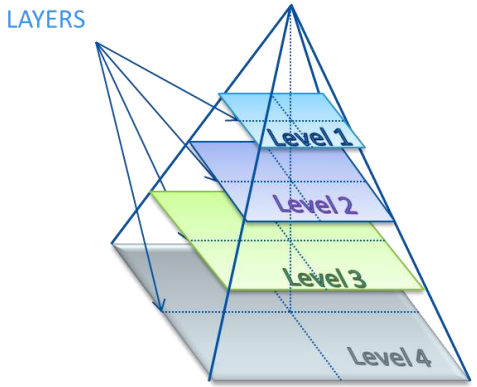

Low Density
Large/Complex Airspace
Low Density
Small/Simple Airspace
High Density
Large/Complex Airspace
High Density
Small/Simple Airspace
B0: 2013
B1: 2019
B2: 2025
B3: 2031+

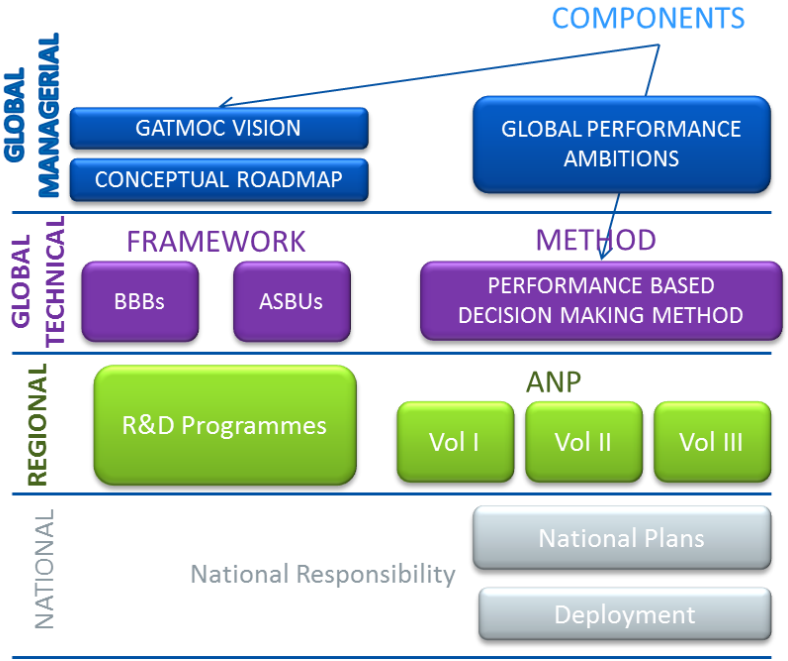

B4: 2036/2037
Block 4
We need to start thinking NOW
Low Density Large/Complex Airspace
Low Density Small/Simple Airspace
High Density Large/Complex Airspace
High Density Small/Simple Airspace
B3: 2031+
B2: 2025
B1: 2019
B0: 2013
B3: 2031+
B2: 2025
B1: 2019
B0: 2013
A plan for the future is essential for optimizing resources and meeting expectations

Proposals for Enhancement

2019 Update of GANP:

Creating a Multilayer Structure





Evolving Safety Performance

- **iMPLEMENT is a data-driven decision making process that:**
  - **Assesses the current status** of aviation **(Safety Briefings)**
  - **Identifies the best solutions** in order to maintain or improve the aviation capability of the State **(Solution Center)**
  - **Evaluates the needs of the aviation system** (money, people, infrastructure) **(CAA HR Tools, PAINT/iAID, etc.)**
  - **Identifies resources** through existing national, regional, or global mechanisms **(ASIAP, SAFE Fund, etc.)**
  - **Showcases the real added value of air transport** and the socio-economic return on investment of aviation

* Site: www.icao.int/iMPLEMENT

Evolving Standardization

- ***Innovation*** **starts on the flight deck, at the control position and on the tarmac**
  - People using the tools are the first to know how they can be improved

Going back to the roots…

- **An Aviation System Block Upgrade (ASBU) contains**
  - Intended ***Operational Improvement*** / Metric to determine success
  - Necessary ***Procedures*** / Air and Ground
  - Necessary ***Technology*** / Air and Ground
  - ***Regulatory Approval Plan*** / Air and Ground
  - Positive ***Business Case*** per Upgrade
  - Well ***understood*** by a Global Demonstration Trial
    - All synchronized to allow initial implementation
    - Won't matter when or where implemented


MONTRÉAL
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(EUROPEAN AND
NORTH ATLANTIC)
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(ASIA-PACIFIC
SUB-OFFICE)
ICAO
MEXICO CITY
(NORTH AMERICA AND CARIBBEAN)
ICAO
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(MIDDLE EAST)
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THANK YOU!