

## AAM Challenges and Innovations for Venezuela

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## **CHALLENGES**

## **STRATEGIES**

Infrastructure and Regulation



Creating sandboxes for testing

Staff training and adaptation



Public awareness and engagement programs

Inter-institutional coordination



International collaboration

Security and Air Traffic Management



Automation and digitalization







## INNOVATIONS TO BE DEVELOPED

Artificial Intelligence (AI) and Machine Learning

Electric Propulsion and Advanced Batteries

Automated Air Traffic Management (ATM) Systems

Cybersecurity

Sensors and
Detection and
Avoidance

5G Communication Networks





