

ONWARD & UPWARD:

Navigating the Future of
Sustainability in Aviation



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Module 6:

Leadership and Aviation Sustainability



 **Look out for:**



General Knowledge &
Insightful Facts



Key Things to Note



Self- paced Learning
Activity



Required Tasks



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Module 6: Objectives & Learning Outcomes

Objectives

6.1: Exploring leadership skills and approaches in sustainable aviation

6.2: Outlining personal action plan elements and methodology for sustainable aviation careers

6.3: Introducing career prospects in aviation



Write down and set your learning intentions for this module. Ask yourself what do you want to learn and why?

DO



Skills: Drive change & innovation, energy- passion & optimism, agile thinking, adaptability to new situations, self- development



Learning Outcomes

6.a: Recognize the importance of resilient leadership in sustainable aviation

6.b: Discover personal values and aspirations alignment with career prospects

6.c: Identify industry career opportunities and trends



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Objective 6.1:

Leadership Skills in Aviation Sustainability



Sustainable Leadership: *Skills & Approaches*



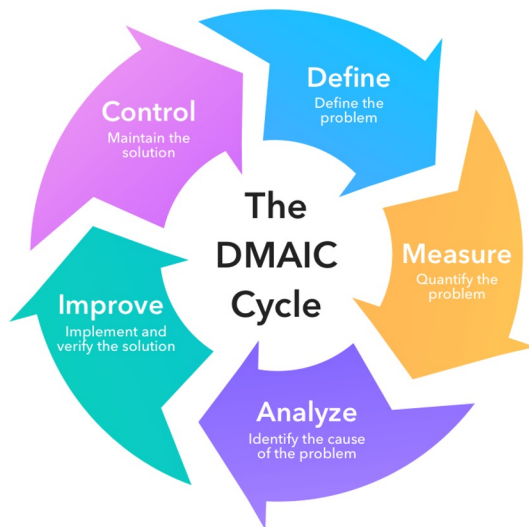
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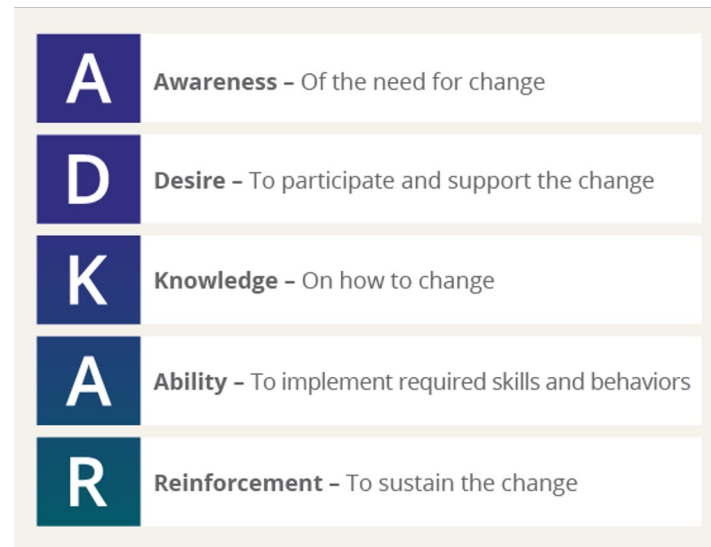
Sustainable Leadership:

Impact on Organisation Culture

Lean Six Sigma



Source: Powerakkus



Source: AKDAR Model



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Sustainable Leadership:

Industry Leaders

- Take opportunities to learn from industry leaders through educational offerings such as internships or listening to podcasts
 - Podcast: Sustainability In The Air
- Key qualities of leaders in the field include:
 - Innovative Thinking
 - Commitment to Sustainability
 - Collaborative Spirit
 - Visionary Leadership
 - Adaptability
 - Resilience



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Sustainable Leadership: Resilience

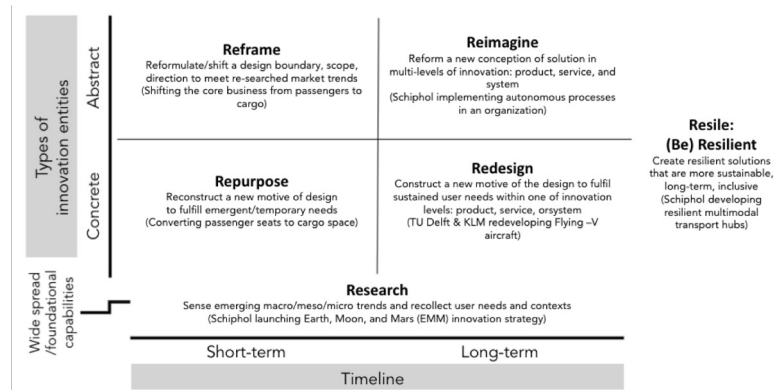


Figure 1. 6R design framework for innovation to keep dynamic stability in an organization.

Use APR to activate adaptability and resilience

More than just recognizing when we or others are not demonstrating adaptable and resilient mindsets, we have the opportunity to actively shift those mindsets. APR is a technique that you can use both in the moment and as a tool for reflection.

Awareness

Become aware that I am operating from "default"

Think of something you have been finding challenging. What does it make you think and feel? What are your mindsets?



Pause

Interrupt and create space

Take a pause in this very moment to center yourself. Maybe take a few deep breaths or plant your feet on the floor.



Reframe

Use specific questions to embed new mindsets and take an aware action

What opportunities would there be if you were to shift your mindset?

Source: ResearchGate

Source: Mckinsey



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Objective 6.2:

Personal Action Plan for a Sustainable Aviation Career



Aviation Careers:

Elements of a Personal Action Plan

- **Goal Setting**
 - Define specific career objectives related to sustainable aviation.
 - Set short-term and long-term goals
- **Skills Development**
 - Identify key skills and knowledge areas essential for a career in sustainable aviation
 - Plan for education and training
- **Networking and Mentorship**
 - Importance of building professional relationships
 - Identify potential mentors, join relevant organizations, and attend industry conferences



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Aviation Careers: *Personal Values & Goals*

Aligning Goals with Personal Values



Source: Faster Capital



Source: University of Oslo

Aviation Careers:

Professional Development

- Commit to staying updated with the latest advancements and regulations
- Subscribe to relevant journals, follow thought leaders, and participate in related forums and discussions.
- Brainstorm strategies for gaining hands-on experience
- Take advantage of project-based learning and case studies
- Develop a portfolio that documents personal contributions to sustainability projects

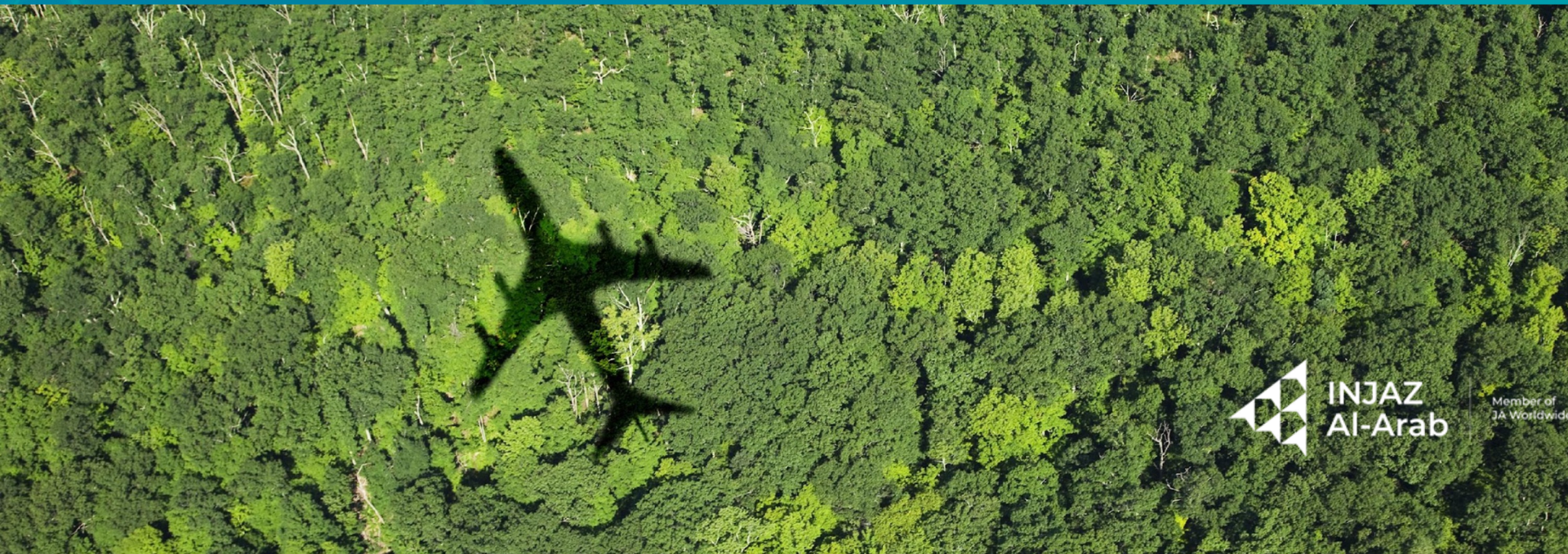


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Objective 6.3:

Sustainable Aviation Career Pathway



Aviation Careers:

Job Market

- Aviation offers an a array of career opportunities that extend beyond the cockpit. From engineering to operations, this field plays a crucial role in global connectivity and commerce.
- Careers in aviation range from pilots and flight attendants to aerospace engineers, airport managers, and air traffic controllers.
- The aviation industry is an integral part of our global economy and community, making it an important and exciting field to be a part of.



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Aviation Careers:

Emerging Paths

- As technology evolves, new areas such as sustainability in aviation and the use of artificial intelligence are becoming increasingly significant.
- Technological advancements are reshaping the landscape of aviation, offering new career paths focused on sustainability and innovation.
- Consider exploring roles like Environmental Compliance Specialist, who ensures that aviation operations adhere to environmental laws and regulations, or unmanned aerial vehicle (UAV) Operator, who manages drone operations for various applications.



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Aviation Careers:

Preparing for a role in Sustainable Aviation

- A strong foundation in STEM (Science, Technology, Engineering, Mathematics) is important, with additional skills in areas such as communication and critical thinking.
- Technical skills are vital, but soft skills such as teamwork, problem-solving, and adaptability are equally important in the industry.
- Many universities and technical schools offer specialized programs in aviation. Online platforms also provide courses that can give you a head start!



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Aviation Careers:

Launching Your Career

- Start building your career path with internships at airlines, airports, or aerospace companies to gain practical insights and valuable experience
- Seek mentors within the industry and join professional organizations to expand your network and find guidance.
- Stay proactive by attending industry webinars, participating in workshops, and visiting aviation events to immerse yourself in the field and discover your niche.

Continue learning & innovating!



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