

The Sustainable Flight Challenge

KQ Experience on SAF

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**Fahari
Innovation
Hub**
Pushing Boundaries

 **Kenya Airways** 
The Pride of Africa

KQ Fahari Innovation Hub



Corporate Innovation



Open Innovation



Sustainability





Our Strategic Goal on SAF

To explore the production, development and marketing of SAF in Kenya and the African Continent.



What now?

Based on our focus on **environmental consciousness**, and in preparation for compliance with the **EU laws on SAF uptake**, we pioneered the **first long-haul commercial flight out of Africa powered by SAF.**



What we found out: barriers



Fragmented
supply chain and
logistics

Zero regulatory
framework on
SAF

Zero
Infrastructure for
SAF

Mis-aligned and
un-identified
Stakeholders

Theoretical
Assumptions on
the use and cost
of SAFs in Africa

What we did

- We pioneered the first SAF-powered long-haul commercial flight out of Africa.
- Identified the gaps in the SAF supply chain: difficult and expensive to navigate, carbon footprint
- Identified, worked with and facilitated technical support for local suppliers to blend the SAF locally.
- Made a true realization of the actual very high cost of powering a SAF flight from the African continent.
- Held meaningful collaborations with various stakeholders and partners
- Created a sense of urgency on the SAF conversation
- Catalyzed the right environment to set up a technical working group to develop a regulatory framework



Who we worked with



Our recommendations

- A harmonized approach, preferably regional, to the development of SAF policies and regulatory frameworks as opposed to silo initiatives/projects.
- Set up SAF production facilities in Africa to mitigate the cost of SAF and fragmented supply chain.
- Government to issue incentives to attract investment, uptake and implementation of SAF initiatives; including tax reliefs.
- Capacity building: Educate and drive more awareness on SAF.
- Advocate for SAF infrastructure (blending, pipeline, airport).
- Explore local solutions through innovation as well as Research & Development of production pathways.



Our role as an airline

- Demonstrating commitment
- Strategic partnerships and collaborations – fuel suppliers, aircraft manufacturers, research institutions, funding organizations, and other stakeholders.
- Advocacy and industry engagement
- Customer education and communication





Thank You!