

AVI AFRIQUE 2017 |
Africa Aviation Innovation Summit



Welcome to
AVI AFRIQUE 2017



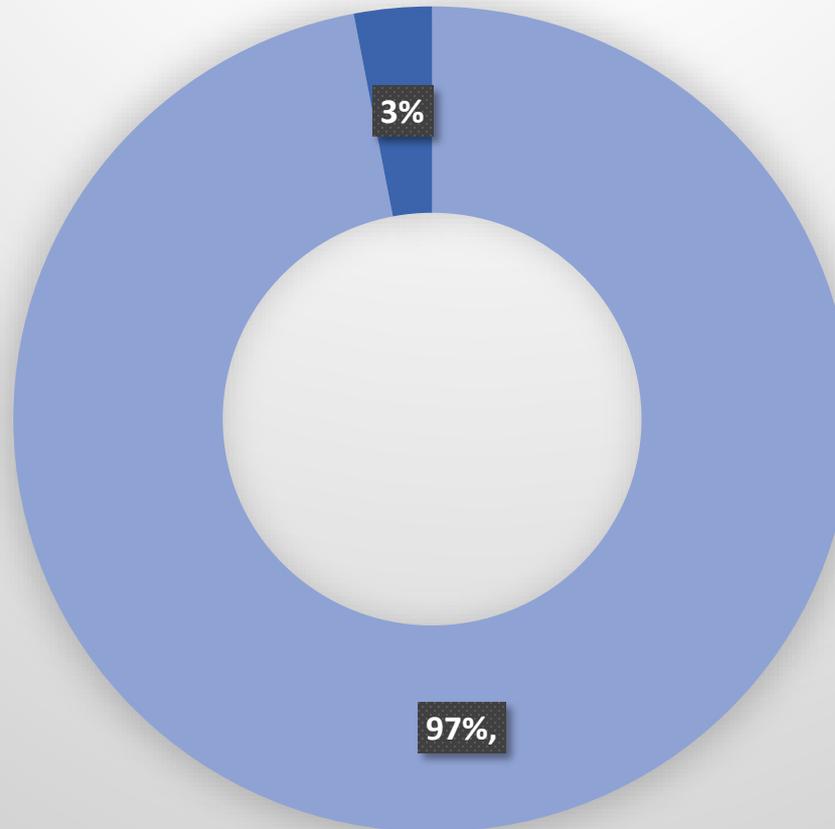
The impact of aviation and the social consequences

Aviation is an inherently polluting business. Thousands of tons of CO₂ are released into the atmosphere every day by every airline. This contributes to climate change but aviation is a critical service that facilitates global trade and a better life for the citizens of the Earth. This has to be weighed against the damage caused to the poorest sectors of the economy through climate change events such as droughts and severe storms that can affect the ability of people to feed themselves and their families. When considering the economic demographics of those that can afford to fly versus those that are most affected, it is clear that there is a disproportionate, and unfair impact on the poor. This requires that airlines address the impacts of their actions through mitigation strategies to lessen or eradicate the effects of their business activities. The question is: Should public money be spent on mitigation measures when other critical services are needed? This must also be weighed against the benefits that aviation contributes to the broader economy.

Raison d'etre

Airlines exist as businesses with the primary function of making money for shareholders

Carbon Footprint-SAA



- 1
- 2



IATA Voluntary Carbon Offset Programme

You can offset the emissions from your flight when making a booking through [flysaa.com](https://www.flysaa.com) by selecting to support various projects that lead to reduced carbon emissions around the world. SAA is currently supporting hot water solar geysers in SA to reduce electricity consumption by utilising the sun and providing much needed hot water to communities.



Recycling

SAA ground operations have embraced recycling and our flight operations are working to achieve a similar level of eco-friendly operations. We have begun recycling on-board waste on domestic routes where waste presents no legal hazardous properties. International flights are subject to various and differing regulations. In most cases, international waste is simply destroyed. SAA is working, as part of IATA-led initiative, to lobby Governments and health authorities to allow the limited recycling of on-board items.



Sustainable Procurement

SAA has introduced environmental sustainability criteria into the procurement process to ensure that suppliers and partners are aware of, and are addressing environmental concerns. This ensures that SAA's products are sustainable and contributes to the goal of becoming the greenest airline group.



IATA Environmental Assessment (IEnvA)

SAA, in collaboration with IATA, has taken a lead role in developing a comprehensive Environmental Management System. This programme addresses a comprehensive spectrum of measures required from airlines in order to be environmentally sustainable. SAA is an IEnvA Stage Two certified airline.



Energy Efficiency

SAA has embarked upon a process to reduce our use of energy and to implement energy efficiency measures across the organisation. In addition to saving energy, SAA has plans underway to generate our own clean energy with a self-imposed target of 100 % clean, renewable energy powering our head office operations.



Water Use

SAA recognises that South Africa's biggest environmental challenge is the sustainable use of its water resources. As a water scarce country, South Africans face the prospect of a finite resource being stretched to best benefit a growing population. Urgent interventions are required and SAA is in the process of investigating our own water use to find methods to reduce our use. With the support of organisations like WWF-SA we are adopting water conservation programmes through our entire operational structure.



Biofuels

SAA, in partnership with Boeing, SkyNRG and Sunchem have developed a biofuel program utilising the Solaris strain of tobacco to produce sustainable fuels. In 2015 the production programme, a partnership between SAA and Roundtable for Sustainable Biomaterials, achieved a world first with the crop certified as sustainable. In 2016 SAA and Mango conducted the first sustainable biofuel flights in Africa between Johannesburg and Cape Town utilising fuel manufactured from the Solaris plant.



Partnerships

SAA supports the WWF-SA through the SAA Voyager program by allowing and encouraging Voyager members to donate miles. SAA participates in WWF-SA programs such as the South African Sustainable Seafood Initiative (SASSI) and the Biodiversity in Wine Initiative that supports conservation efforts on SA's top environmentally sustainable wine farms. SAA has a wide ranging agreement for collaboration with the WWF-SA