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ICAO STOCKTAKING SEMINAR  
TOWARD THE 2050 VISION FOR  
SUSTAINABLE AVIATION FUELS



# Sustainable Aviation Fuel Deployment

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Air BP





# Advancing the energy transition



**33% increase in global energy demand by 2040**  
Population growing to 9 billion

**Lifting people from low incomes** dual energy

**FEWER EMISSIONS TO TACKLE CLIMATE CHANGE**  
Paris demands net zero emissions within the second half of the century

Reducing emissions in our operations	Improving our products	Creating low carbon businesses
Zero net growth in operational emissions out to 2025	Provide lower emissions gas	Expand low carbon and renewable businesses
3.5Mte of sustainable GHG emissions reductions by 2025	Develop more efficient and lower carbon fuels, lubricants and petrochemicals	\$500 million invested in low carbon activities each year
Targeting methane intensity of 0.2% and holding it below 0.3%	Grow lower carbon offers for customers	Collaborate and invest in the Oil and Gas Climate Initiative's \$1 billion fund for research and technology

**Advancing low carbon**  
Our accreditation programme for lower carbon activities



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# Air BP activities

## Carbon neutral operations

Reducing the emissions of our own  
refuelling operations



## BP Biojet

Reducing the emissions of our  
customers' flights



## Carbon offsetting

Offering carbon offsetting projects to our  
customers





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## Key challenges



- Increasing supply of Sustainable Aviation Fuel
- Maximising supply chain efficiency
- Managing the higher costs



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# Increasing supply of Sustainable Aviation Fuel



- Investment in production capacity
- Technical approvals of new fuel pathways
- Innovative collaborations





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# Maximising supply chain efficiency



- Product quality and blending expertise
- Integration into existing supply chains





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## Managing higher costs

- Investment in advanced technologies, including new sustainable feedstocks
- Interim support from government and other stakeholders
- Passenger and corporate initiatives



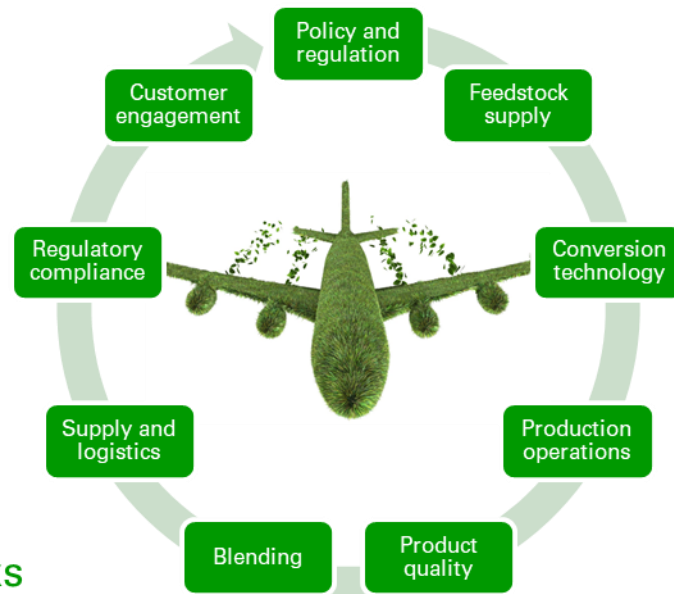


# Sustainable Aviation Fuel success factors



- Create scale
- Ensure flexibility
- Product quality assurance
- Supply chain transparency: Certified GHG benefits
- Coalition approach
- Broad engagement to communicate the benefits
- Maximise value across the chain

All enabled by clear long-term policy frameworks







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