

SAMCEN

Powering the Future of Flight



Introducing SAMCEN Sustainable Aviation Fuel (SAF)

A **Strategic Partnership** with Gazprom for a **Greener Sky**

SAMCEN | April 2026

The Challenge

The global aviation industry faces unprecedented pressure to decarbonize, driven by international regulations and growing environmental awareness.

Our Solution

SAMCEN, partnering with Gazprom, offers a high-performance, drop-in Sustainable Aviation Fuel (SAF) to significantly reduce aviation's carbon footprint.

Key Advantage

ASTM D7566 compliant, no engine modifications needed, and reduces lifecycle carbon emissions by **up to 80%** compared to conventional jet fuel.

Ambitious Goal

SAMCEN is committed to scaling production to **500,000 metric tons per annum by 2026**, ensuring a robust and reliable supply for our global partners.

Strategic Partnership

Leveraging Gazprom's vast resources, infrastructure, and market reach, SAMCEN is uniquely positioned to lead the energy transition in the aviation sector.

SAMCEN

About SAMCEN – A Pioneer in Sustainable Energy



Company Profile

SAMCEN is an innovative energy company dedicated to developing and commercializing cutting-edge sustainable fuel solutions. We are not just a fuel producer; we are a partner in the global effort to achieve a low-carbon future.



Our Mission

To accelerate the decarbonization of the aviation industry by providing high-quality, cost-competitive, and fully sustainable aviation fuel.



Core Competency

Specializing in advanced fuel conversion technologies, SAMCEN combines technical excellence with a deep understanding of the energy market to deliver products that meet the stringent demands of modern aviation.



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Strategic Partnership with Gazprom



A Powerful Alliance

SAMCEN is proud to be a trusted partner and supplier to Gazprom, the global energy leader. This partnership is the cornerstone of our success, combining our innovation with Gazprom's unmatched scale.



Reliable Feedstock Supply

Access to a diverse and secure supply of sustainable feedstocks, leveraging Gazprom's extensive global network.



Infrastructure & Logistics

Utilization of Gazprom's world-class infrastructure for efficient production, storage, and global distribution.



Market Access & Expertise

Leveraging Gazprom's deep market insights and global customer relationships.



Shared Vision

A mutual commitment to energy transition and sustainable development.

SAMCEN

Our Ambitious Production Target

Scaling for the Future

To meet the rapidly growing demand for Sustainable Aviation Fuel (SAF), SAMCEN has initiated a major expansion project to secure its position as a leader in the energy transition.

2026 Production Goal

We are on track to achieve an annual production capacity of **500,000 metric tons of SAF by 2026**, marking a pivotal milestone in our journey.

Strategic Impact:

- **Market Leadership:** Positioning SAMCEN as a key supplier in the global SAF market.
- **Economic Growth:** Driving significant green tech investment and creating new skilled jobs.
- **Climate Action:** Avoiding millions of tons of CO₂ emissions, equivalent to removing 100k+ cars off roads.

500,000

Metric Tons of SAF

Annual Capacity by 2026

POWERING THE FUTURE OF SUSTAINABLE AVIATION

SAMCEN

The Market Opportunity for Sustainable Aviation Fuel (SAF)



Regulatory Drivers

- **CORSIA (ICAO)**: Mandates carbon-neutral growth from 2020 and absolute reductions from 2035.
- **ReFuelEU (EU)**: Requires SAF share to rise from 2% (2025) to 63% (2050).



Market Projections

Global SAF market to grow at a CAGR of over **30%** (2024-2030).
Market size expected to exceed **\$56 Billion** by 2030.



Corporate Commitments

Major global airlines have pledged to achieve **net-zero carbon emissions by 2050**, creating a robust and growing demand for SAF.

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Introducing SAMCEN SAF – The Drop-in Solution



What is SAMCEN SAF?

A clean-burning, sustainable alternative to conventional Jet A-1 fuel, produced from renewable feedstocks using advanced thermochemical processes.



"Drop-in" Compatibility

Blendable at any ratio (up to 100% in certified engines) with conventional jet fuel, usable in existing aircraft with **no modifications**.



Our Production Pathway

Utilizes proprietary **HEFA/PTL** processes to convert waste oils or CO₂ into high-quality jet fuel.



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SAF – Detailed Product Specifications

SAMCEN SAF meets or exceeds the rigorous requirements of **ASTM D7566**. Below is a comparison of key properties with conventional Jet A-1 fuel.

Property	Unit	SAMCEN SAF	Jet A-1	ASTM Req.	Benefit
Density (15°C)	kg/m ³	780-805	775-840	775-840	Optimal engine & system compatibility.
Freezing Point	°C	≤ -47	≤ -47	≤ -47	No solidification at high altitudes.
Flash Point	°C	≥ 38	≥ 38	≥ 38	High safety, low fire risk.
Net Heat (MJ/kg)	MJ/kg	≥ 43.0	≥ 43.1	≥ 42.8	Excellent energy, no range loss.
Aromatics (Vol)	%	< 1.0	15-25	Max 5.0	Lower PM & soot emissions.
Thermal Stability	mg/100m L	< 5	< 15	Report	No deposits, longer maintenance.
Sulfur Content	%(m/m)	< 0.001	< 0.3	< 0.3	Low SO _x , better air quality.

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Environmental & Economic Benefits



Substantial Carbon Reduction

Reduces lifecycle CO₂ emissions by **70-80%** vs jet fuel.
Helps meet CORSIA targets.



Improved Air Quality

Lower soot, NO_x & SO_x emissions.
Better local air quality.



Enhanced ESG Profile

Demonstrates environmental stewardship.
Meets investor expectations.



Future-Proof Ops

Compliant with future regulations.
Secures long-term viability.



ISCC EU Certified

Fully certified under ISCC EU scheme.
Eligible for EU incentives.

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Our Production Capacity & Supply Chain



State-of-the-Art Facilities

SAMCEN operates modern, efficient production facilities designed for maximum yield and minimal environmental impact.



Reliable Supply Chain

Backed by Gazprom's logistics network, we guarantee a secure and uninterrupted supply of SAMCEN SAF to our customers.



Scalable Production

Our expansion plan to **500,000 tons/year** by 2026 is well underway, with phased capacity increases.



Feedstock Flexibility

We are continuously diversifying our feedstock portfolio to ensure sustainability, cost-effectiveness, and resilience.

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Partnership & Collaboration

Building a Sustainable Ecosystem

SAMCEN believes in the power of collaboration to drive the energy transition and build a greener future for aviation.

We Invite Partnerships With:



Airlines

To integrate SAMCEN SAF into their fuel supply.



Airport Operators

To develop joint SAF procurement strategies.



Fuel Suppliers & Distributors

To expand availability in key markets.



Technology Providers

To continue innovating our processes.



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Join Us in Powering the Future of Flight



Why Choose SAMCEN?



Proven Performance

Meets all international standards for quality and reliability.



Gazprom Backed

Ensures security of supply and global market leadership.



Ambitious Scale

Production capacity ready to meet rapidly growing market demand.



Trusted Partner

Committed to building long-term, mutually sustainable relationships.

Contact Us

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