From: [Redacted]  
Sent: 20 January 2023 14:29  
To: [Redacted]  
Subject: Masdar, ADNOC, bp, Tadweer and Etihad Airways explore production in the UAE of sustainable aviation fuel from municipal solid waste and renewable hydrogen

FOR IMMEDIATE RELEASE

Masdar, ADNOC, bp, Tadweer and Etihad Airways explore production in the UAE of sustainable aviation fuel from municipal solid waste and renewable hydrogen

- Partners to conduct a feasibility study for the region’s first project to produce sustainable aviation fuel using renewable hydrogen and municipal solid waste
- SAF will be crucial in helping to decarbonize the aviation industry worldwide
- Joint feasibility study announced at the Abu Dhabi Sustainability Week

Abu Dhabi, United Arab Emirates; January 20, 2023: Masdar, ADNOC, bp, Tadweer (Abu Dhabi Waste Management Company) and Etihad Airways announced at Abu Dhabi Sustainability Week (ADSW) 2023 an agreement to conduct a joint feasibility study on exploring the production in the UAE of sustainable aviation fuel (SAF) and other products, such as renewable diesel and naphtha, using municipal solid waste (MSW) and renewable hydrogen.

The feasibility study will leverage the capabilities of the five partners to evaluate the technical and commercial viability of such a project. If the study’s conclusions are positive, the partners will target working toward developing the region’s first commercial-scale production capacity in Abu Dhabi.

Produced from sustainable feedstocks, such as municipal solid waste and renewable hydrogen, SAF has the potential to reduce lifecycle carbon emissions on average by up to 80 percent during its full lifecycle, compared to conventional jet fuel, according to the International Air Transport Association (IATA).

This collaboration is designed to strengthen the UAE’s leadership position in low-carbon energy and technology-driven industrial growth and will mark an important step in assessing the UAE’s potential to become a global leader in SAF production.

Aviation is a key industry in the UAE, supporting over 13 percent of the national gross domestic product according to IATA economic data, and is set to continue to grow in the next decades. To support the UAE Net Zero by 2050 Strategic Initiative, that growth must be sustainable. SAF is currently the most viable proposition to help decarbonize the industry and has the potential to supply international markets.
About Masdar

Abu Dhabi Future Energy Company (Masdar) is the UAE’s clean energy champion and one of the largest companies of its kind in the world, advancing the development and deployment of renewable energy and green hydrogen technologies to address global sustainability challenges. Established in 2006, Masdar is today active in over 40 countries, helping them to achieve their clean energy objectives and advance sustainable development. Masdar is jointly owned by Abu Dhabi National Oil Company (ADNOC), Mubadala Investment Company (Mubadala), and Abu Dhabi National Energy Company (TAQA), and under this ownership the company is targeting a renewable energy portfolio capacity of at least 100 gigawatts (GW) by 2030 and an annual green hydrogen production capacity of up to 1 million tonnes by the same year.

About ADNOC

ADNOC is a leading diversified energy and petrochemicals group wholly owned by the Emirate of Abu Dhabi. ADNOC’s objective is to maximize the value of the Emirate’s vast hydrocarbon reserves through responsible and sustainable exploration and production to support the United Arab Emirates’ economic growth and diversification. To find out more, visit: www.adnoc.ae

About bp

- bp has been an investor in Abu Dhabi since 1939 and was at the forefront of the discovery of oil in the Emirate in 1958.
- In Abu Dhabi, bp’s interests include joint venture partnerships with Abu Dhabi National Oil Company (ADNOC) and shareholdings in ADNOC Onshore (bp share 10%), ADNOC LNG (bp share 10%), and National Gas Shipping Company Ltd (bp share 10%).
- bp’s net share of production from Abu Dhabi is around 195,000 barrels of oil per day from ADNOC Onshore. Capacity is almost 200 mbd net, and actual production is in line with OPEC arrangements.
- bp and Masdar have collaborated on fostering innovation in the UAE. The Catalyst, the region’s first technology start-up accelerator focused on sustainability, was launched in November 2015.
- Air bp has a joint venture with the Government of Sharjah on the Anabeeb pipeline and in import storage, and aviation fuels supply at Dubai and Sharjah airports in the UAE.
- Air bp was involved in fuelling the first Sustainable Aviation Fuel (SAF) flight by an airline in February 2008 and has since been focussing on viable SAF supply opportunities. bp are one of the leading marketers of SAF globally and has supplied more than 30 locations across three continents.

About the Abu Dhabi Waste Management Company (Tadweer):

The Abu Dhabi Waste Management Company (Tadweer), which falls under the portfolio of ADQ, continues to work towards its vision of building a sustainable waste management in the emirate of Abu Dhabi, through the collection, transportation, treatment and disposal of waste in a safe, efficient and economical manner. The Company is also tasked with educating communities about the significance of protecting the environment and encouraging them to adopt sound environmental habits to drive sustainable development. Please visit our website: www.tadweer.gov.ae

About Etihad Airways

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Etihad Airways, the national airline of the UAE, was formed in 2003 and quickly went on to become one of the world’s leading airlines. From its home in Abu Dhabi, Etihad flies to passenger and cargo destinations in the Middle East, Africa, Europe, Asia, Australia and North America. Together with Etihad’s codeshare partners, Etihad’s network offers access to hundreds of international destinations. In recent years, Etihad has received numerous awards for its superior service and products, cargo offering, loyalty programme and more.

Etihad sees tackling the climate crisis as the most important issue of our time and was named the Airline Ratings Environmental Airline of the Year 2022. Through strategic partnerships with major global aviation brands and OEMs, Etihad is relentless in its pursuit of industry decarbonisation.

To learn more, visit etihad.com.

Associate Director, International Affairs
Edelman UK • 129 Wilton Rd, London SW1V 1JZ
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