

# Strata Advanced Manufacturing

STRATA  الستراتا  
A Mubadala Company







### The Late Sheikh Zayed bin Sultan Al Nahyan

Founding Founder of the UAE, May God Rest His Soul  
(1918 - 2004)

”

We must not rely on oil alone as the main source of our national income. We have to **diversify** the sources of our revenue and **construct** economic projects that will ensure a free, stable and **dignified** life for the people of this **country**.



# ABOUT STRATA

**Started as an aerostructure manufacturing company a decade ago, today Strata is leveraging its proven track record in manufacturing to diversify further into new advanced manufacturing verticals with solid manufacturing foundations.**

## TARGETED SECTORS

- Aerospace
- Advanced Materials

## ENABLERS

- Emiratization
- Research & Development
- Industry 4.0
- Operational Excellence
- Local Supply Chain
- Our Partnerships

**100%**

**OWNERSHIP** by the  
Mubadala Investment Company  
Establishment in 2008



**H.E. Amal Al Jabri**  
Strata  
Chairperson of  
the Board



**Ismail Ali Abdulla**  
Executive Director  
of UAE Clusters –  
UAE Investment  
Platform Mubadala  
Investment  
Company, and  
Strata Managing  
Director



**Sara Al Memari**  
Acting Strata Chief  
Executive Officer

# VISION & MISSION

Be the champion of new advanced manufacturing verticals and businesses for Abu Dhabi.

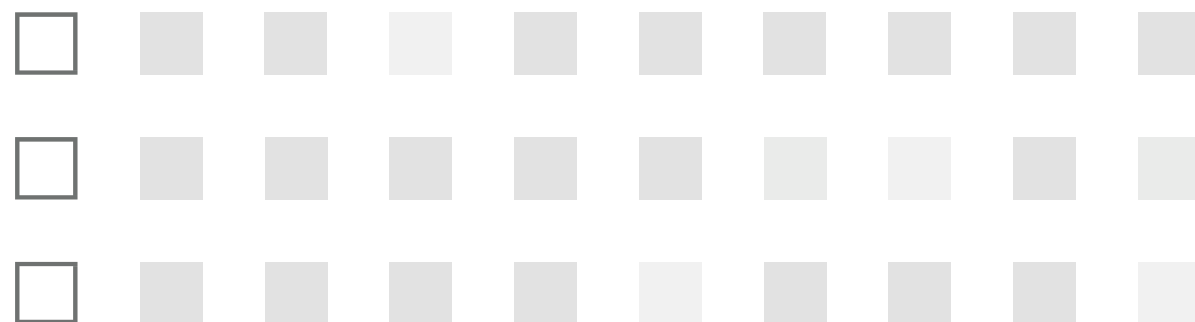


## Vision

To become a leading creator of disruptive advanced manufacturing champions for Abu Dhabi delivering sustainable financial, social and economic benefits.

## Mission

To pioneer the development of advanced manufacturing verticals for Abu Dhabi leveraging global partnerships, disruptive technologies and operational excellence.





# STRATA FAMILY

People make Strata what it is



☐ Nationalities

20+



☐ Employees

600+



☐ UAE Nationals

65%

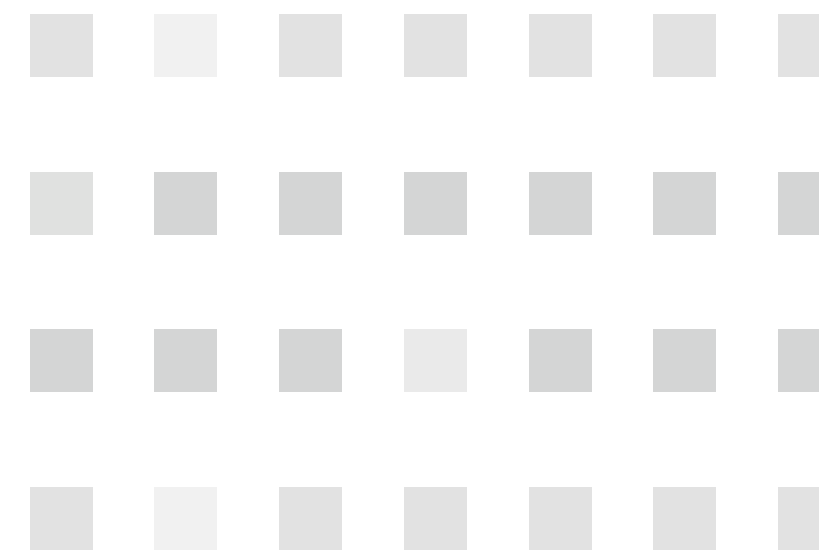


☐ Emirati Females

87%



# STRATA JOURNEY



## 2009

Groundbreaking ceremony



## 2010

Production began at Strata facility.  
Graduated inaugural class of the Aero-structures Technician Training Program.  
Strata delivers its first shipset of A330/340 Flap Track Fairings (FTF) to FACC.

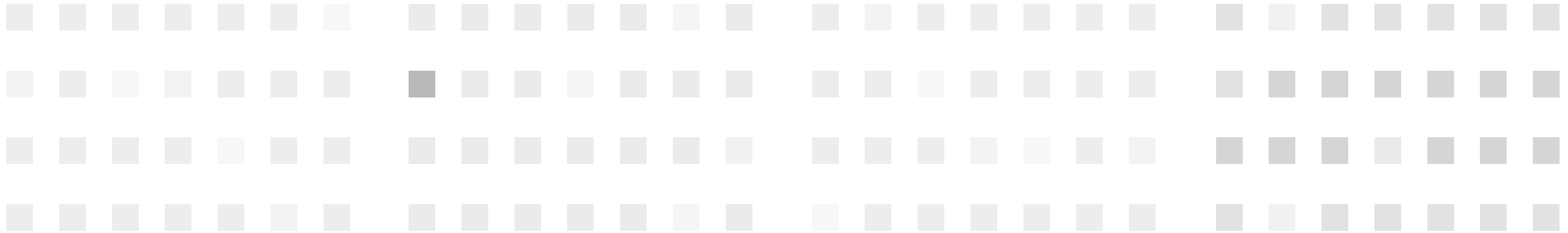


## 2013

Agreements with Airbus and Boeing saw billions worth of aero-structures manufacturing work packages transferred to Strata, through to 2030.



# STRATA JOURNEY



## 2016

Contract signed with Boeing on the B787 Dreamliner Vertical Fins during Farnborough Airshow.



## 2018

Strata signs an agreement to manufacture Belly Fairings for the PC-24.  
Strata introduces Automated Tape Laying (ATL) Technology.



## 2019

Strata signs an agreement to manufacture (FTF) for the PC-24.



# STRATA JOURNEY



## 2020

HH Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE.  
Delivery of first Boeing 787 Dreamliner Vertical Fin.  
Strata complete works on the Strata Solvay Advanced Materials.



## 2022

Strata signed an MOU with the Ministry of Industry and Advanced Technology, becoming the latest member of the Champions 4.0 Network.  
Strata and Pilatus signed an agreement to add a further 7 additional work packages for the PC-24 & PC-12 using Hot Press technology for the first time in the UAE.



# STRATA JOURNEY



## 2023

Strata Completes Installation of Hot Press Equipment & Technology and Commences Production for Pilatus.

Strata partnered with Lufthansa Technik Middle East to provide maintenance, repair and overhaul solutions.



## 2024

Strata Manufacturing partnership with SailGP will see F50 catamaran components made in the Middle East.

Strata and SWS Board Technology Collaborate to Produce Action Sports Boards Using Upcycled Carbon Fiber from Aerospace Industry.





# PARTNERS AND WORK PACKAGES – AIRCRAFT MANUFACTURER

**AIRBUS**



1  
Airbus A330  
Aileron



2  
Airbus A350-900  
Inboard Flap



3  
Airbus A330  
Spoiler



4  
Airbus A330  
& A380 Flap  
Track Fairing



4  
Airbus A350-900 & A350-1000  
Flap Support Fairing

**BOEING**



5  
Boeing B777/  
B787 Vertical  
Fin Rib



6  
Boeing B777/  
B777X  
Empennage Rib



7  
Boeing B787  
Vertical Fin

**LEONARDO**



7  
ATR42/72 Rudder  
& Vertical Fin



MBZ-SAT  
Components

**PILATUS**



8  
Pilatus PC-24  
Belly Fairing



9  
Pilatus PC-24  
Flap Track  
Fairing



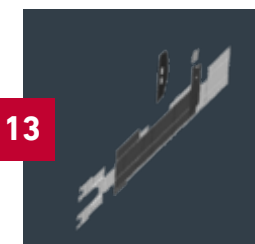
10  
Pilatus PC-24  
Tail Cone



11  
Pilatus PC-24  
Bullet Fairing



12  
Pilatus PC-24  
Pylon Fairing



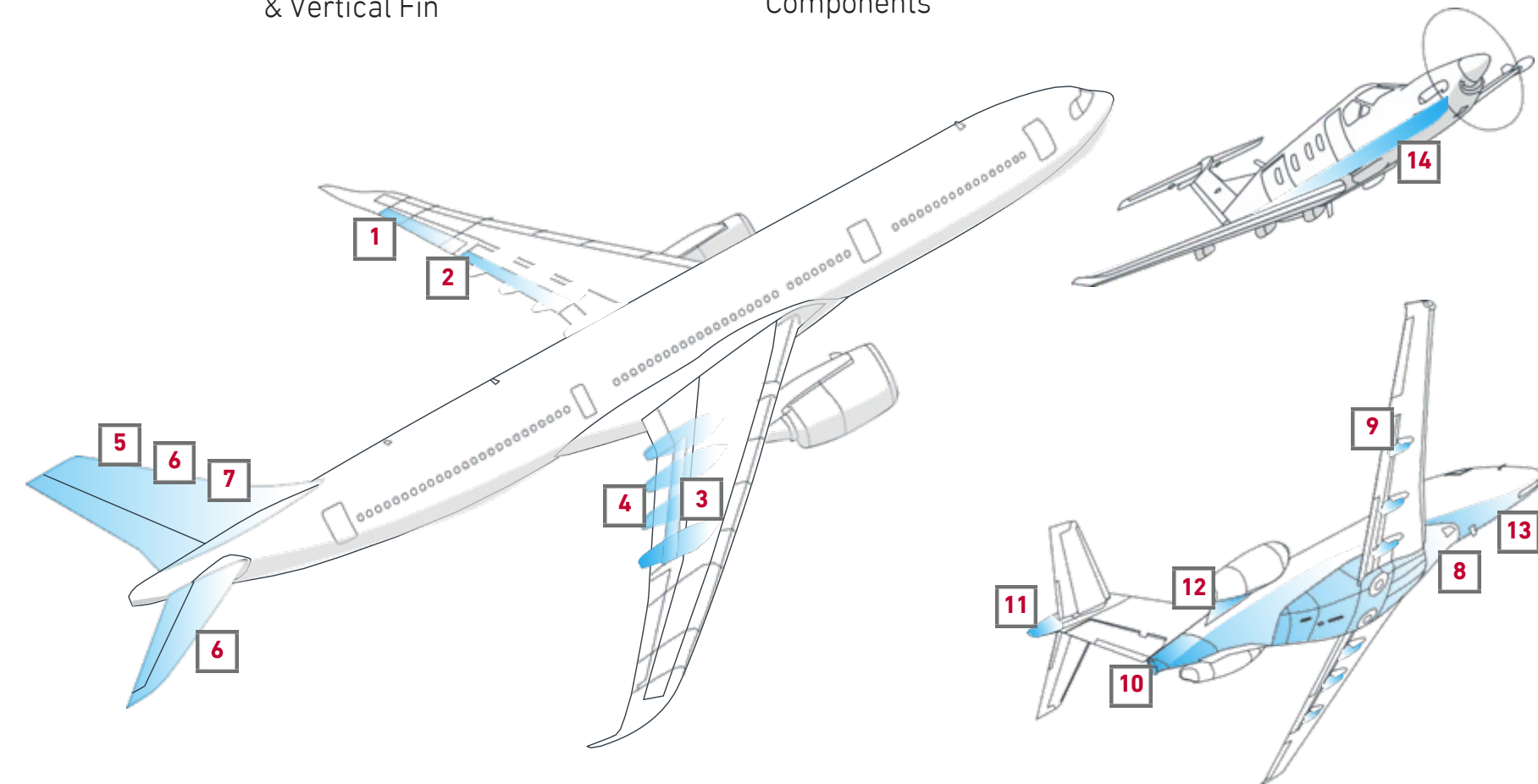
13  
Pilatus PC-24  
Internal Floor  
Panel



14  
Pilatus PC-12  
Internal Floor  
Panel

TOTAL  
NUMBER  
OF WORK  
PACKAGES

30





# PARTNERS AND WORK PACKAGES – AIRCRAFT MANUFACTURER

☐ CUSTOMERS

**AIRBUS**

**BOEING**

**S.A.B.C.A.**

**PILATUS**

**LEONARDO**

مركز محمد بن راشد  
للفضاء  
MOHAMMED BIN RASHID SPACE CENTRE

☐ TOP SUPPLIERS

**CYTEC**

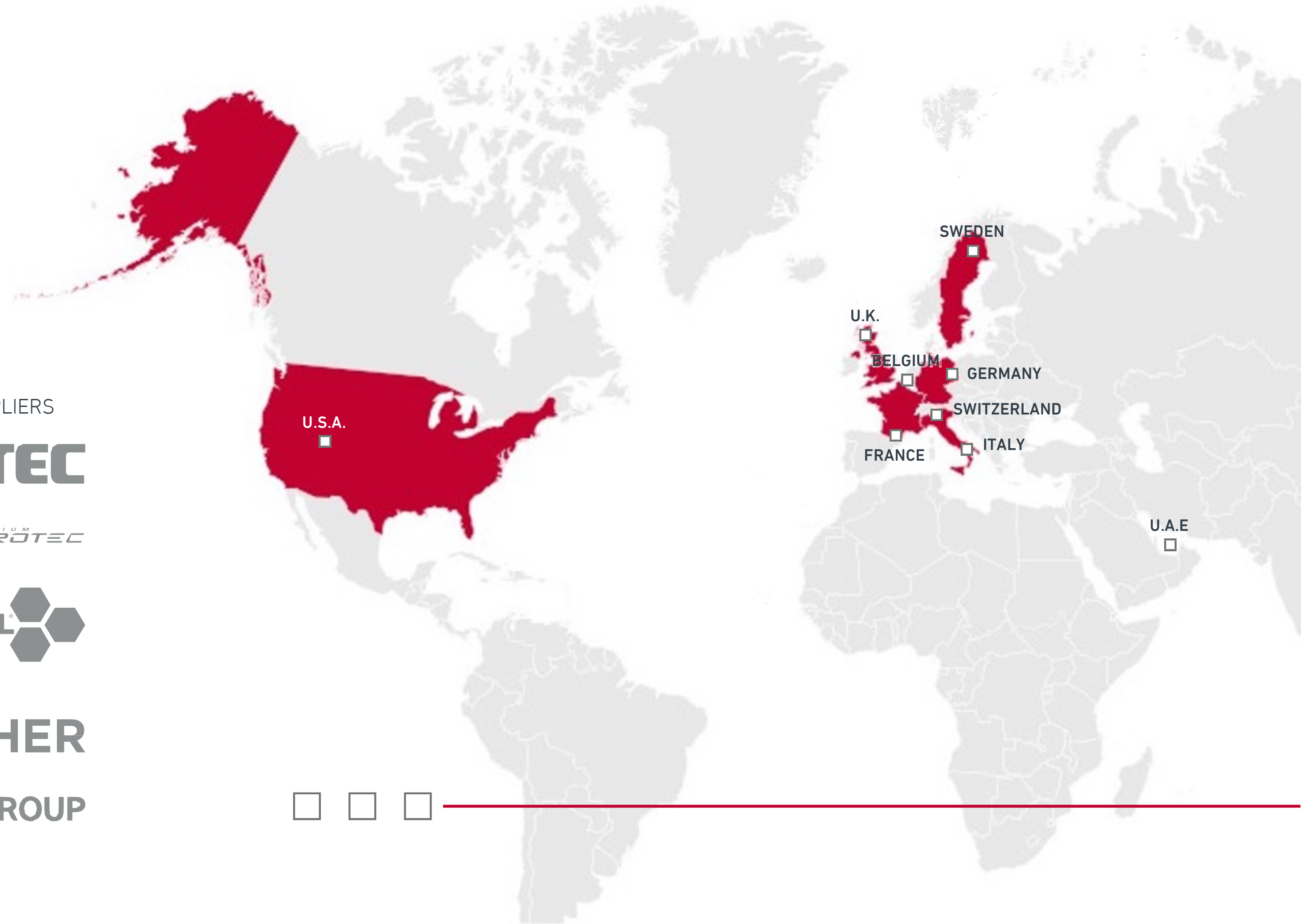
**PREMIUM AEROTECH**

**HEXCEL**

**DAHER**

**DARGROUP**

☐ ☐ ☐





# ADVANCED MATERIALS

Solvay and Strata sign agreement for United Arab Emirates' first aerospace materials joint venture to supply Boeing 777X

ستراتا سولفاي  
**STRATA SOLVAY**



Solvay and Strata have formalized their Joint Venture (JV) to supply Boeing with advanced composite materials from a high-tech facility to be built in Al Ain.

The equal ownership joint venture will be the fourth supplier of pre-impregnated carbon fibers in the world.

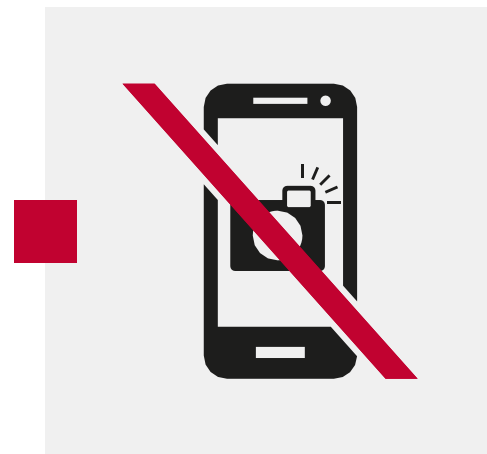




# HSE IMPORTANT NOTES



## Shop Floor Tour



No photography



No heels

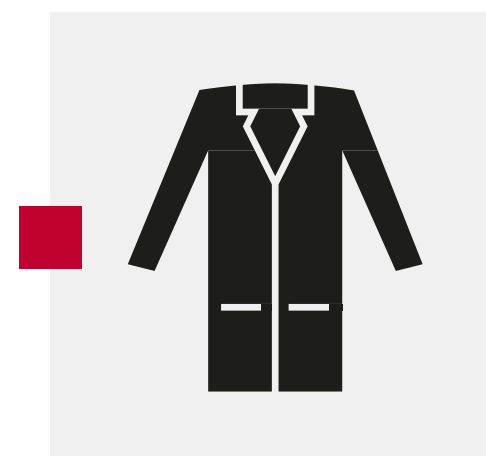


Closed shoes  
are required

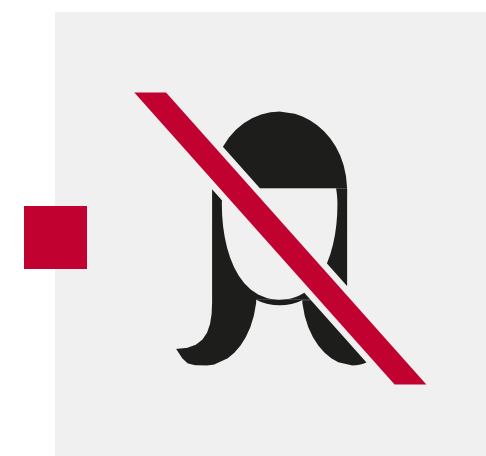
## Clean Room Tour



Safety glass  
will be provided  
in certain areas



Lab coat  
will be provided



Hair net will be  
provided for  
long hair



## Simple Guidelines

- Please make sure not to touch any part or any material during the visit.
- Kindly make sure to stay close to your host as you are not familiar with the facility layout.
- If the alarm sounds during your tour, please remain calm and proceed to the nearest emergency exit while making sure you stay with your group.



Strata HSE Induction Video - click to open Youtube link



For clarifications and more information,  
please contact HSE Department.



# Thank You

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stratauae #This\_is\_Strata

**STRATA** **الستراتا**  
A Mubadala Company