# Turkish Airlines Non-Deal Roadshow Presentation





#### **Presenters**



#### Prof. Dr. Ahmet Bolat - Chairman of the Board and the Executive Commitee

- Prof. Dr. Ahmet Bolat serves as the Chairman of the Board and Executive Committee since the begining of 2022.
- Before being appointed as the Chairman, Prof. Bolat worked as Senior Vice President of Investment Management at Turkish Airlines between 2005-2012 and served as Chief Investment and Technology Officer between 2012 and 2022.
- During his tenure, Prof. Bolat managed strategic growth plan of Turkish Airlines and led the team which procured around 550 aircraft to Turkish Airlines fleet. Additionally, he was responsible for international relations&alliances managing bilateral relations along with partnetship and network development.
- Prof. Ahmet Bolat was also assigned as the Member of IATA Board of Governors in June 2022 for a three-year term.
- Before joining Turkish Airlines, he held various academic roles at the University of Michigan and King Saud University for 17 years.
- He graduated from Istanbul Technical University as an Industrial Engineer in 1981, followed by a Master's Degree at Stanford University - Operations Research program in 1984, and obtained Ph.D. in Industrial and Operations Engineering from the University of Michigan in 1988.

#### Assoc. Prof. Murat Şeker – Chief Financial Officer & Member of the Board and the Executive Committee



- He also serves as a Member of the Board and Executive Committee of Turkish Airlines since March 2021.
- Mr. Şeker worked at Financial and Private Sector Development Senior Vice Presidency of World Bank between 2008 and 2013.
- During his tenure at the World Bank, Dr. Şeker was responsible for operational project management; production of reports and research publications on innovation and entrepreneurship ecosystem, international trade and development of economic policies that contribute to the growth of developing countries.
- He returned to Türkiye in 2013 and worked at Ziraat Bank between 2013 and 2016 as SVP of Investor Relations and Financial Institutions Department.
- Between 2015 and 2018, Assoc. Prof. Şeker lectured as part-time professor at Boğaziçi University, Faculty of Economics and Administrative Sciences.
- He earned his undergraduate degree in Industrial Engineering from Marmara University in 2000, Master's Degree in Economics from Sabanci University in 2002 and followed by a Phd. in Economics from University of Minnesota, USA in 2008.





#### **Turkish Airlines at a Glance**

**Countries We Fly To:** 129

Global ranking: 1st

**Passenger Destinations:** 340

Global ranking: 3rd

**Cargo Destinations: 355** 

Global ranking: 1st

Int'l Seat Capacity: 61.3 mn

1st among network carriers in August

Fleet Size: 388 aircraft

Global ranking: 9th

**Average Fleet Age:** 8.7 Years

Global ranking: 3rd















National Flag Carrier of **Türkiye** 

Flies to more countries globally than any other airline

"Most Sustainable Flag Carrier Airline in 2022" World Finance

Istanbul Airport is among the biggest hubs in the world Surpassed 2019 capacity levels by **14%** in August 2022



#### Founded in 1933, Turkish Airlines has 18 Subsidiaries and JVs



Cons. Revenue (LTM 1H'22) : 11.2 bn USD

**Total Number of Personnel: 64,592** 

# TURKISH NACELLE CENTER 1,693 mn USD 9,339 Personnel







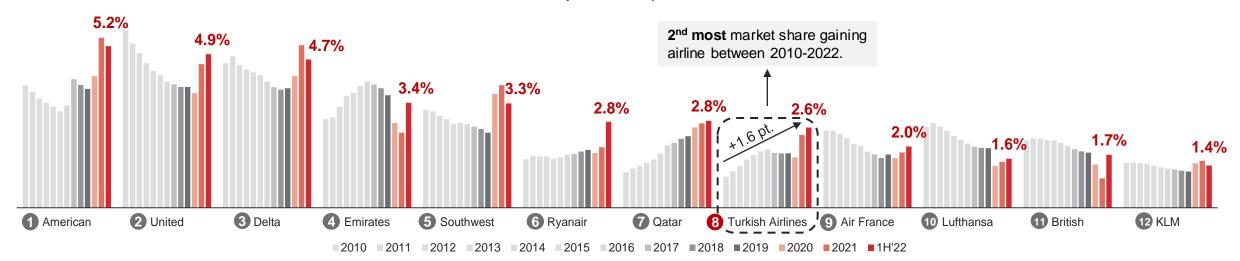




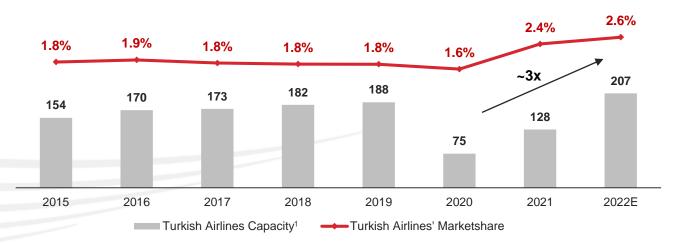


#### Turkish Airlines' market share more than tripled in the last two decades





#### **Turkish Airlines Market Share Development (in ASK)**



Turkish Airlines experienced a robust recovery after the initial shock of the pandemic.



A STAR ALLIANCE MEMBER 👶

<sup>1</sup>In terms of billion Available Seat Kilometers (ASK).

Source: IATA.

#### Well executed business strategy led to a clear growth trend

Utilizing structural advantages with well executed growth strategy led to Turkish Airlines' success story.

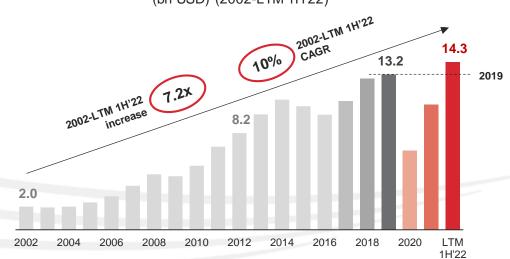
Since 2002, Turkish Airlines multiplied in size with increasing profitability.

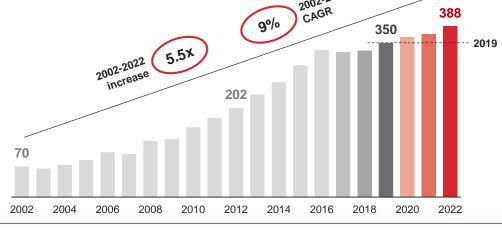
Our sound business strategy proved itself iteratively -even in the pandemic with almost 1 billion USD of record profit in 2021.

By the second quarter of 2022, Turkish Airlines were among the few global airlines that exceeded the pre-pandemic performance.

#### **Revenue Development**

(bn USD) (2002-LTM 1H'22)



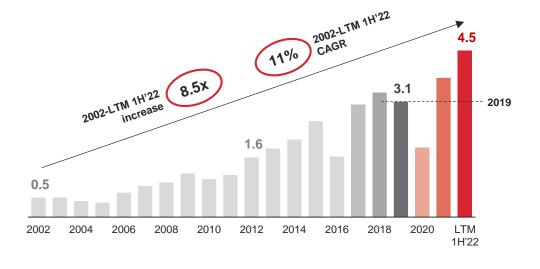


2002-2022

**Fleet Development** (2002-2022\*)

#### **EBITDAR Development**

(bn USD) (2002-LTM 1H'22)



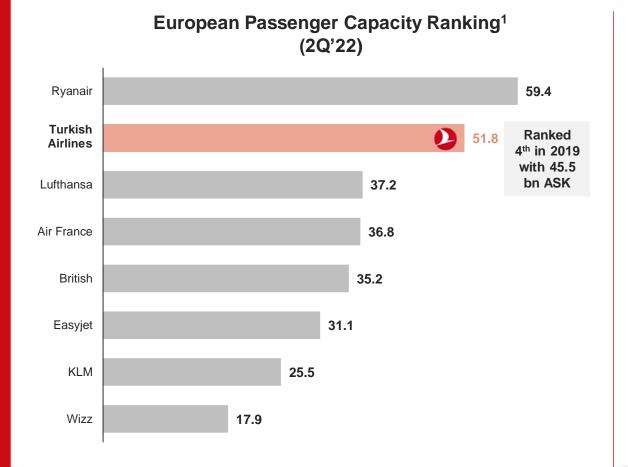


\*As of 12.09.2022

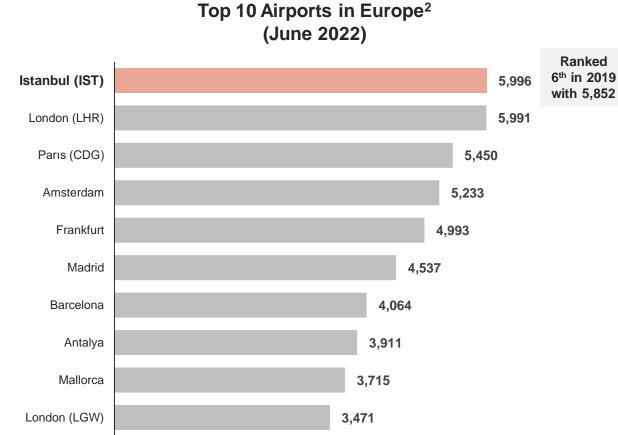


388

#### Turkish Airlines offered the highest passenger capacity in Europe among the network carriers



Turkish Airlines climbed from 4th place in 2019 to 1st place in 2Q'22 among the European network carriers.



Turkish Airlines' main hub, Istanbul Airport was the Europe's busiest airport in June 2022.

A STAR ALLIANCE MEMBER

<sup>&</sup>lt;sup>2</sup> In terms of Passenger Volume (thousand). Source: Airports Council International Europe, State Airports Authority of Türkiye.

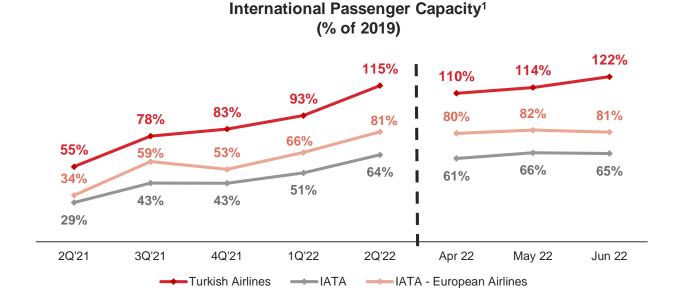
#### With our operational agility we stood out from the competition during the pandemic

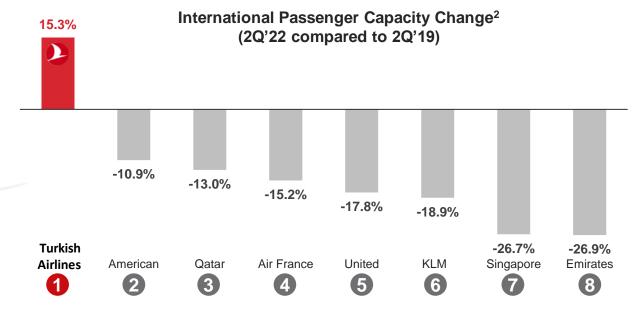
#### Turkish Airlines acted swiftly to adapt to the pandemic.

- · Decreased or postponed uncommitted capital expenditures
- Re-evaluated fleet delivery plan for 2020 and 2021
- Sought new financing options and deferred fee and tax payments
- Used geographical reach to capture demand with active capacity management
- Retained highly qualified personnel base with reduced salary

#### These actions resulted in:

- · Conducting substantially profitable operation in contrast to peers
- Ramping up quickly and capture rapidly increasing passenger demand without any major operational difficulty
- Becoming the only network carrier around the globe that surpassed pre-pandemic capacity levels as of 2Q'22.









1.

**OVERVIEW** 

2.

INVESTMENT HIGHLIGHTS

3.

RESULTS & EXPECTATIONS

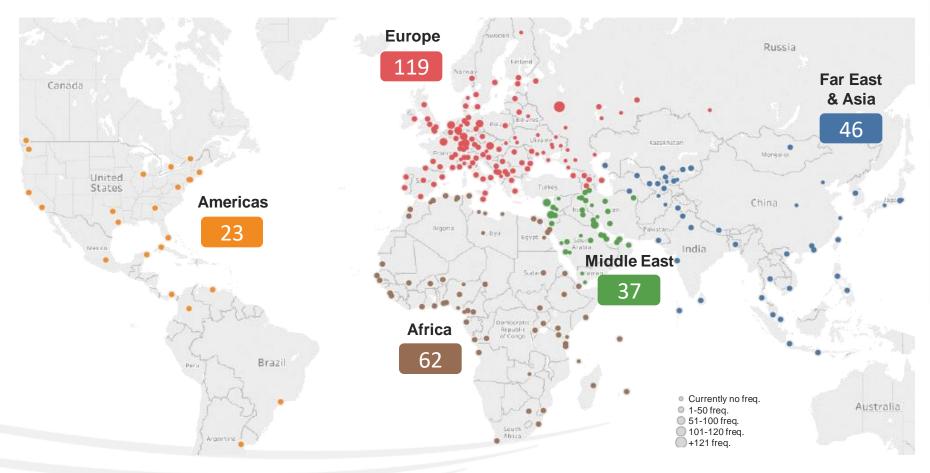
#### **Investment Highlights**

**World Leading Geographical Coverage and Connectivity Diversified Revenue Base** 3 **Resilient Operating Performance** 4 **Türkiye's Tourism Potential** 5 **Geographical Advantage Combined with a Modern Fleet** 6 **Low Cost Positioning Compared to Other Network Carriers** 



#### **World Leading Geographical Coverage**

Turkish Airlines ranks #1 in the world by destination countries.



#### **Highest Connectivity**

Turkish Airlines flies to **287** international destinations in **129** countries<sup>1</sup>

Providing **42.6 thousand** connection options<sup>2</sup>

<sup>1</sup> As of 12.09.2022. <sup>2</sup> O&D detour factor <1.4.

## New Destinations in 2021-2022

Americas: Seattle, Newark, Dallas,

Vancouver

Europe: Tivat, Bergamo, Rize-Artvin

Africa: Juba, Luanda

Far East & Asia: Cebu, Bukhara, Turkistan,

Fergana, Urgench, Aktau, Urmia

#### **Future Routes**

Americas: Detroit, Denver, Orlando,

Santiago, Rio de Janerio

**Europe**: Krakow, La Coruna, Lankeran, Makhachkala, Nantes, Palermo, Newcastle,

Bergen, Iasi, Timisoara **Middle East**: Abha, Salalah

Africa: Aswan, Hargeisa, Port Sudan,

Brazzaville, Monrovia

Far East & Asia: Sydney, Phnom Penh,

Atyrau, Sialkot, Penang, Aktobe

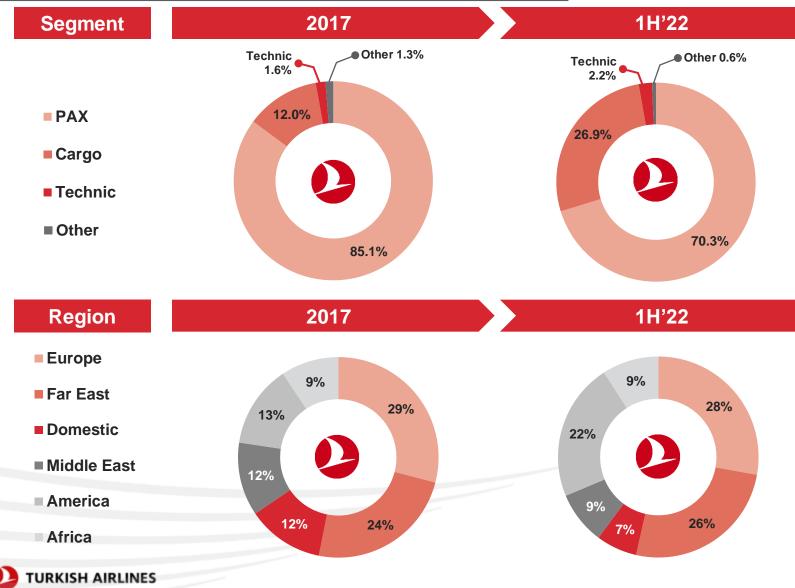


#### Note:

The size of the bubbles represent the number of weekly frequencies. The boxes show the number of destinations in the corresponding region.

#### More than 90% of the revenues are generated outside of Türkiye

#### Balanced exposure to specific business segments and regions



Diversified revenue base increases our ability to adapt to different macro economic conditions.

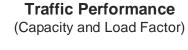
Regional revenue dispersion provides a natural hedge against FX volatility as well as geopolitical risks.

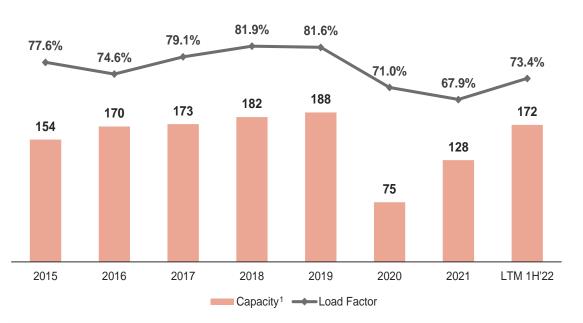
60% of our revenues are in hard currencies.1



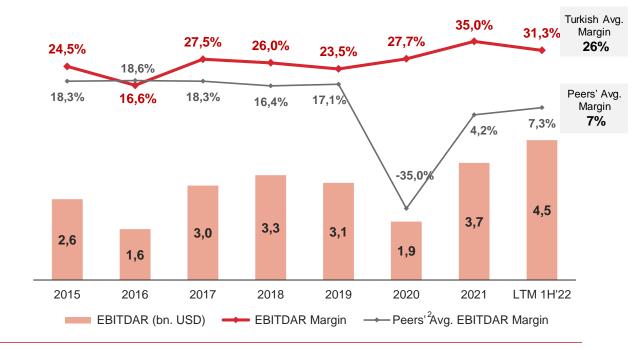


#### **Resilient Operating Performance Despite Many Economical Turbulences**





#### **EBITDAR Development (2015-LTM 1H'22)**



THY's operating performance is tested iteratively against a number of exceptional events in recent years:

- Strict flight restrictions and slump in global demand due to the pandemic
- 2018 currency crisis and volatility of the Turkish Lira exchange rate
- Terrorism and exceptional political events in late 2015 and 2016 across Europe



Resilience of THY's operating performance reflects the following factors:

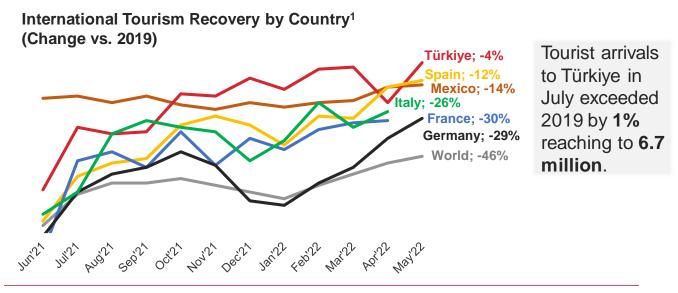
- · Well analyzed international network expansion plan
- Successful capacity management and efficient operations
- Strategic & efficient positioning of Istanbul as a regional hub
- Favorable cost base



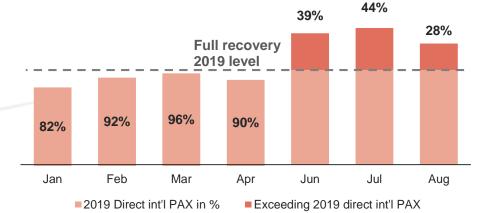
#### Türkiye's Tourism Potential is an Important Growth Driver

As one of the most visited destinations in the World, Türkiye attracted more tourists after the pandemic.

Top Tourism Destinations in the World by Country							
	Country	2019 Visitors (million)	Growth (YoY %)				
1	France	90.0	3.6%				
2	Spain	83.7	2.3%				
3	United States	79.3	3.1%				
4	China	65.7	8.2%				
5	Italy	64.5	10.6%				
6	Türkiye	51.2	36.2%				
7	Mexico	45.0	14.5%				
8	Thailand	39.8	12.4%				
9	Germany	39.6	10.9%				
10	United Kingdom	39.4	4.5%				



### Direct International Passengers to Türkiye carried by Turkish Airlines (2022 vs 2019)



August Direct Int'l Passengers

2.2 million

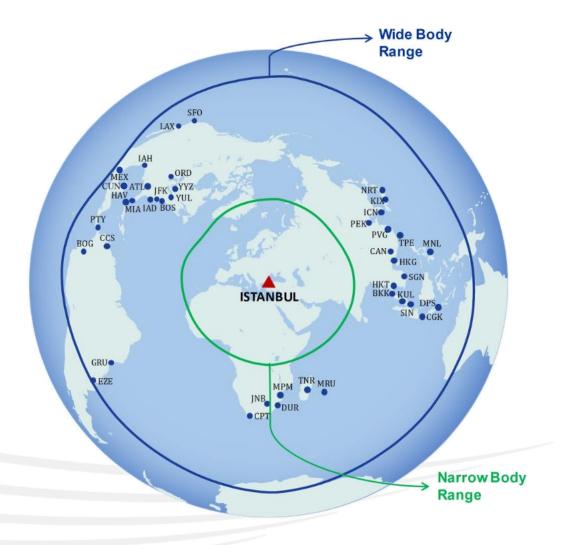


compared

to 2018

<sup>&</sup>lt;sup>1</sup>In terms of tourist arrivals. Source: UN World Tourism Organization. <sup>2</sup>Excluding Int-to-Int Transfer Passengers.

#### Leveraging Istanbul's Ideal Geographical Location with a Modern Fleet



#### Fleet (September 2022)

Туре	Total	
B787-9	15	
A350-9	11	
A330-2&3	50	
B777-300ER	33	
Wide Body Total	109	
B737 MAX 8&9	32	
A321&A320 NEO	36	
B737-8/9	107	
A319&A320&A321	83	
Narrow Body Total	258	
Cargo Total	21	
<b>Grand Total</b>	388	

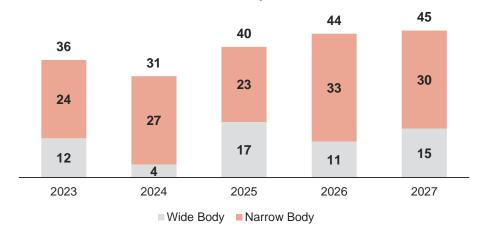
Average Fleet Age

8.7 years

Number of New Generation Aircraft

**94** (24% of total)

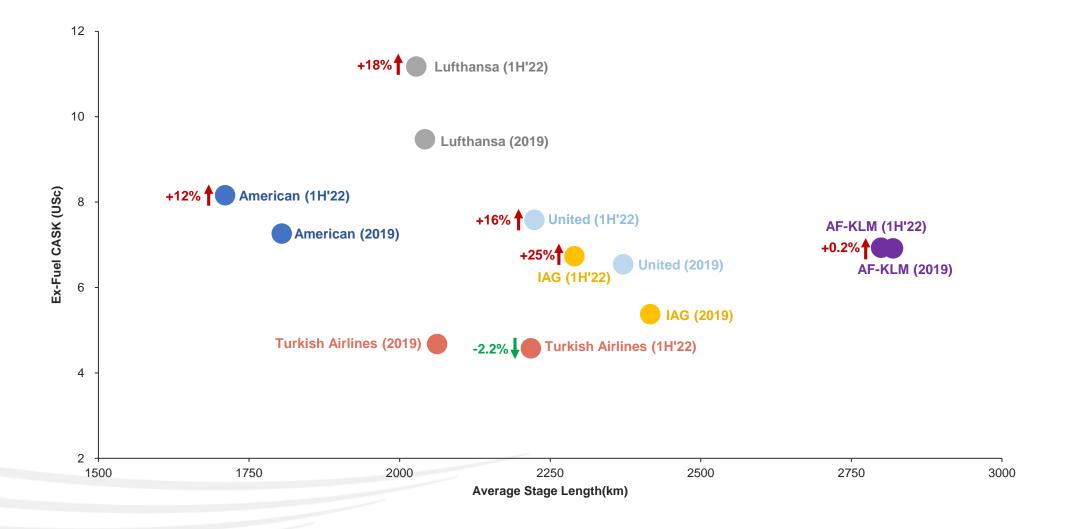
#### **Aircraft Delivery Schedule**







#### Turkish Airlines has one of the lowest Cost per Available Seat Kilometers amongst its peers

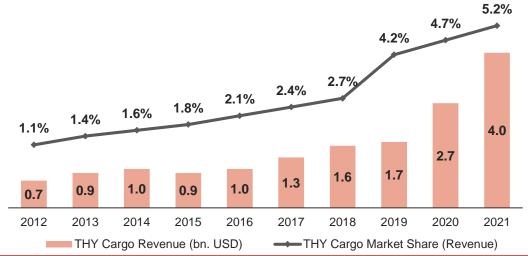




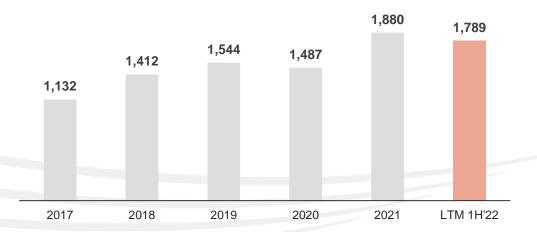
Source: Airline disclosures.

#### Revenues of Turkish Cargo increased by 7x times in the last 10 years





#### **Cargo Tonnage Carried ('000 Ton)**



Turkish Cargo flies to 132 countries / 355 destinations with 21 freighters and 367 passenger aircraft.

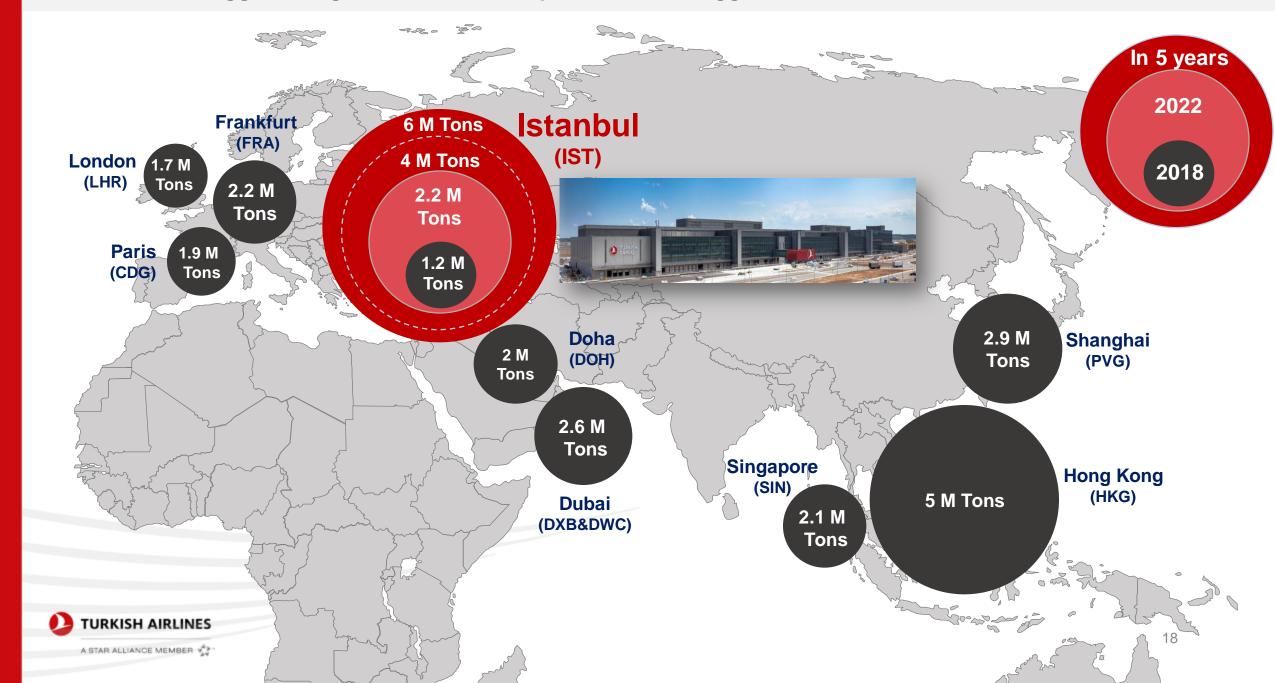
In June 2022, Turkish Cargo ranked 4<sup>th</sup> among the top 20 air cargo carriers in the world according to World Airline Cargo Database.

In February 2022, Turkish Cargo combined all of the cargo operations in its highly technological new hub, Smartist, one of the largest air cargo facilities in the world.



Source: IATA Economic Performance of the Airline Industry Reports.

#### SmartIST is the biggest Cargo Terminal in Europe and the 3<sup>rd</sup> biggest in the World



#### AnadoluJet grew its international operations by 49 pp since 2019

	2017	2019	2021	2Q'22	
Number of Aircraft	38	57	64	57	
Number of Routes	67	129	168	163	
International Capacity Share <sup>1</sup> (%)	8.2%	13.5%	52.0%	62.8%	
Int'l Market Share in its Hub (Ist. SAW Airport)	2%	18%	25%	27%	
Number of Passenger (mn)	14.4	14.5	13.3	3.7	
Capacity <sup>1</sup>	11.2	11.2	16.8	5.1	
Load Factor	84.2%	87.2%	74.0%	75.9%	
Ex-Fuel CASK <sup>2</sup> (USc)	3.52	2.11	2.32	2.19	



In 2022, AnadoluJet is expected to operate with 63 aircraft in 173 routes.

70% of AnadoluJet's international destinations is in Europe and 30% in the Middle East.

#### **AnadoluJet is targeting to:**

Drive down unit costs further with 17 new generation aircraft additions in 2022.

Increase penetration to high growth leisure markets through direct international flights.

Capture ethnic travel segment from Europe, Middle East and Turkic Republics to Türkiye.

Reach price sensitive customers.

Extract ancillary revenue potential by merchandising and bundling.

Increase utilization through more point-to-point exposure.





1.

**OVERVIEW** 

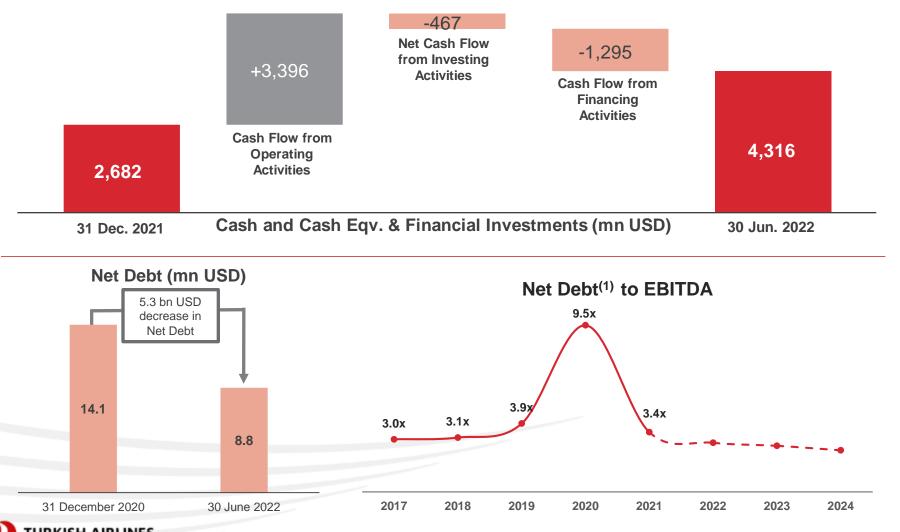
2.

INVESTMENT HIGHLIGHTS 3.

RESULTS & EXPECTATIONS

#### **Liquidity Management & Leverage**

We have **4.3 bn USD** liquidity as of first half 2022.



Operational cash generation ability accelerated deleveraging.

Net debt decreased by **5.3 billion USD** from its peak at the end of 2020.

Year end Net Debt to EBITDA is expected to be ~2.5x-3.0x.

TURKISH AIRLINES

#### 2027 Targets

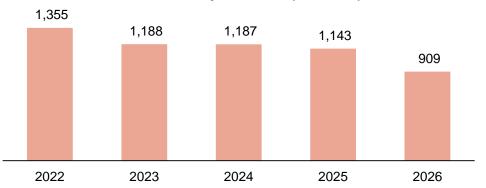




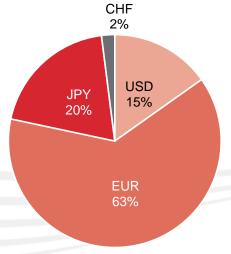
#### **Aircraft Financing and Debt Management**

As of 30.06.2022
Total Financial Lease Liabilities<sup>(1)</sup>: 8.6 bn USD
Operating Leases<sup>(1)</sup>: 1.6 bn USD

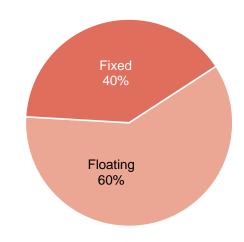
5 Year Maturity Profile<sup>(2)</sup> (USD mn)



#### **Currency Breakdown of Financial Lease Liabilities**



#### Weighted Average Interest Rate<sup>(3)</sup>: 2.84%



(mn USD)	30.06.2022 Total Debt	Maturity	Annual Average Debt Service
USD	1,301	10-12 Years	224
EUR	5,405	10-12 Years	712
JPY	1,683	10-12 Years	290
CHF	172	12 Years	33
Total	8,560		1,258



<sup>(1)</sup> Including interest payments.

<sup>(2)</sup> Principal payments.

<sup>(3)</sup>Post-Hedge Interest Rate breakdown.

#### **Sustainability**

#### Most Material Issues

Fleet Modernization: New-Generation Aircraft Flight Safety and Flight Security Consuming Less Fuel Climate Change Sustainable Catering Employee Health & Safety and Wellbeing Contribution to Social Development Changing Customer Behaviors & Expectations Responsible Supply Chain Management Digitalization & Innovation Single Use Plastics Fair Competition Waste Management **Business Continuity** Noise Management Skill Management Water Management















Participating in the performance evaluations of international sustainability indices:















#### In the second half of 2022:

**Fuel Saving: 17,683** tons of fuel

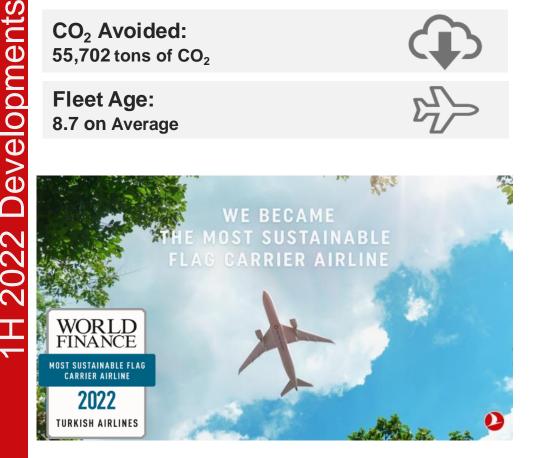


CO<sub>2</sub> Avoided: 55,702 tons of CO<sub>2</sub>



Fleet Age: 8.7 on Average











#### **2Q'22 Financial and Operational Summary**

2Q'19	2Q'22	Change	(USD mn)	1H'19	1H'22	Change
3,181	4,535	42.6%	Total Revenues	5,949	7,586	27.5%
2,696	3,375	25.2%	Passenger Revenue	4,971	5,365	7.9%
393	1,064	170.7%	Cargo Revenue	799	2,044	155.8%
80	87	8.7%	Technic Revenue	150	164	9.3%
10	520	5100%	Net Operating Profit / Loss	-193	664	-
15	530	3433%	<b>Profit From Main Operations</b>	-135	693	-
26	576	2115%	Net Income	-203	737	-
0.8%	12.7%	11.9 pt	Net Income Margin	-3.4%	9.7%	13.1 pt
561	1,132	101.8%	EBITDAR	919	1,842	100.4%
17.6%	25.0%	7.3 pt	EBITDAR Margin	15.5%	24.3%	8.8 pt
46,112	51,791	12.3%	ASK (Million)	88,767	90,629	2.1%
5.94	7.59	27.6%	RASK2 (incl. ACTK)	5.76	7.14	24.1%
7.29	8.18	12.2%	Revenue Yield (R/Y) (Usc)	6.99	7.83	12.0%
18,374	18,234	-0.8%	Passengers Carried ('000)	35,113	30,899	-12.0%
80.2%	79.7%	-0.6 pt	L/F (%)	80.1%	75.6%	-4.5 pt

RASK2: Total Passenger and Cargo Revenue / ASK21

<sup>1</sup>ASK value is adjusted by ACTK in order to include cargo operations as it has a reasonable share in our total cost base.

**Total revenues** exceeded 2019 levels in the second quarter by 43%.

**Cargo revenues** in the 2Q'22 increased by **1.7x** compared to the same period in 2019.

Profit From Main Operations reached to 530 million USD in 2Q'22.

**EBITDAR Margin** in the 2Q'22 recorded as **25%**, considerably above 2019.



A STAR ALLIANCE MEMBER 👶

#### **Income Statement**

(mn USD)	2017	2018	2019	2020	2021	1H'19	1H'22	Change
Operating Revenue	10,958	12,855	13,229	6,734	10,686	5,949	7,586	28%
Operating Expenses (-)	10,164	11,686	12,644	7,264	9,411	6,142	6,922	13%
of which Fuel	2,866	3,768	3,873	1,638	2,756	1,836	2,779	51%
of which Personnel	1,761	1,772	2,067	1,097	1,298	1,041	898	-14%
of which Depreciation	1,066	1,087	1,521	1,659	1,740	736	899	22%
of which Rent	527	595	311	244	197	159	73	-54%
Net Operating Profit / Loss	794	1,169	585	-530	1,275	-193	664	-
Income From Other Operations	264	165	355	330	174	100	72	-28%
Expense From Other Operations (-)	36	143	64	55	35	42	43	2%
Profit / Loss From Main Operations	1,022	1,191	876	-255	1,414	-135	693	-
Income From Investment Activities (Net)	177	99	89	179	200	8	83	938%
Share of Investments' Profit / Loss	102	123	82	-87	75	8	10	25%
Financial Income	56	129	139	72	101	26	155	496%
Financial Expense (-)	1,078	588	310	835	767	223	193	-13%
Profit Before Tax	279	954	876	-926	1,023	-316	748	-
Tax (-)	56	201	88	-90	64	-113	11	-
Net Profit	223	753	788	-836	959	-203	737	-



A STAR ALLIANCE MEMBER

#### **Balance Sheet**

Assets (mn USD)	2017	2018	2019	2020	2021	30.06.2022
Cash and Equivalents	2,086	2,155	2,475	1,829	2,682	4,316
Trade Receivables	592	570	540	637	925	1,149
Pre-delivery Payment (PDP) Receivables	117	809	778	731	546	569
Other Current Assets	836	971	977	981	785	1,074
Total Current Assets	3,631	4,505	4,770	4,178	4,938	7,108
Net Fixed Assets	13,002	13,918	3,643	4,145	4,364	4,433
of which Aircraft and Engines*	11,683	12,127	1,493	1,859	2,041	2,078
Rights of Use of Assets	-	-	13,618	14,777	15,110	15,668
Pre-delivery Payment (PDP) Receivables	247	505	761	515	279	282
Other Non-Current Assets	1,317	1,804	15,550	16,692	16,956	17,540
Total Non-Current Assets	14,566	16,227	19,954	21,352	21,599	22,255
Total Assets	18,197	20,732	24,724	25,530	26,537	29,363
Liabilities (mn USD)	2017	2018	2019	2020	2021	30.06.2022
Lease Obligations	8,322	9,509	9,919	11,307	10,244	9,809
Bank Borrowings	744	1,099	3,453	5,394	4,659	3,947
Passenger Flight Liabilities	1,000	1,002	1,032	580	1,216	2,989
Accounts Payable	855	1,022	1,130	861	891	1,286
Other Liabilities	1,930	2,155	2,326	2,005	2,690	3,193
Total Liabilities	12,851	14,787	17,860	20,147	19,700	21,224
Total Shareholders Equity	5,346	5,945	6,864	5,383	6,837	8,139
of which Issued Capital	1,597	1,597	1,597	1,597	1,597	1,597
of which Retained Earnings	3,551	3,760	4,463	5,246	4,406	5,353
of which Differences from Currency Translation	-108	-160	-184	-201	-275	-301
of which Net Profit for the Period	223	753	788	-836	959	737
Total Liabilities & Shareholders Equity	18,197	20,732	24,724	25,530	26,537	29,363



\* Before 2019 values include leases. After 2019 values show only unencumbered aircraft & engine values.

A STAR ALLIANCE MEMBER

#### **DISCLAIMER**

Türk Hava Yolları A.O. (the "Incorporation" or "Turkish Airlines") has prepared this presentation for the sole purpose of providing information about its business, operations, operational and financial results. The information in this presentation is subject to updating, revision and amendment. This presentation is not, and does not support to be comprehensive and to contain all information related to Turkish Airlines.

This presentation does not constitute or form part of any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, any securities of Turkish Airlines nor any of its subsidiaries or their respective affiliates nor should it or any part of it or the fact of its distribution form the basis of, or be relied on in connection with, any contract or investment decision in relation thereto. This presentation is not intended for distribution to, or use by, any person or entity in any jurisdiction or country where such distribution would be contrary to law or regulation. The information contained in this presentation has not been subject to any independent audit or review and may contain forward-looking statements, estimates and projections. Statements herein, other than statements of historical fact, regarding future events or prospects, are forward-looking statements. Although Turkish Airlines believes that the estimates and projections reflected in the forward-looking statements are reasonable, they may prove materially incorrect, and actual results may materially differ. As a result, you should not rely on these forward-looking statements. Turkish Airlines undertakes no obligation to update or revise any forward-looking statement, whether as a result of new information, future events or otherwise, except to the extent required by law. Any forward-looking statement in this presentation speaks only as of the date on which it is made, and Turkish Airlines undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which the statement is made or to reflect the occurrence of unanticipated events, except to the extent required by law.

Industry, market and competitive data and certain industry forecasts used in this presentation were obtained from internal research, market research, publicly available information and industry publications and other market commentaries. Industry publications generally state that the information contained therein has been obtained from sources believed to be reliable at the relevant time, but that the accuracy and completeness of such information is not guaranteed. Similarly, internal research, market research, industry publications and other publicly available information, while believed to be reliable, have not been independently verified, and Turkish Airlines does not make any representation as to the completeness or accuracy of such information.

No representation, warranty or undertaking, expressed or implied, is or will be made by Turkish Airlines or its shareholders, affiliates, advisors or representatives or any other person as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained in this presentation (or whether any information has been omitted from this presentation). Turkish Airlines, to the extent permitted by law, and each of its respective directors, officers, employees, affiliates, advisors or representatives disclaims all liability whatsoever (in negligence or otherwise) for any loss however arising, directly or indirectly, from any use of this presentation or its contents or otherwise arising in connection with this presentation.

This presentation should not be construed as financial, legal, tax, accounting, investment or other advice or a recommendation with respect to any investment. Under no circumstances is this information and material to be construed as a prospectus, supplement, offering memorandum or advertisement, and neither any part of this presentation nor any information or statement contained herein shall form the basis of or be relied upon in connection with any contract, commitment or investment decision.

By reading this presentation or attending or listening to any relevant meeting, conference call or webcast organized by the Company, you agree to be bound by the above provisions.

