



# Snowflake Inc

## The Data Investment Cycle Remains Healthy

### Summary

Ahead of Snowflake's 2Q/Jul print on Wed Aug 27th, we caught up with 9 partners and customers to assess how demand tracked over the last few months and get a pulse check on the likely 2H outlook. Bottom line, most customers are still prioritizing investments in their data foundations and in data analytics, a rising tide that is boosting Snowflake as well as Databricks, Palantir, the hyperscalers and even Salesforce's Data Cloud. We maintain our view that the 12x/46x CY26E revs/FCF multiples don't seem unreasonable if Snowflake's growth is trending towards 30%, the data investment cycle has duration and margins are biased up. We reaffirm our Buy rating.

### The Positives

Three stood out to us: 1. While many SaaS partners are missing their practice targets or landing in-line at best, Snowflake partners landed in-line or (in most cases) beat their growth targets. 2. There was a consistent theme in these conversations that enterprises are still investing in building "data foundations" and in technology to better harness their data sets, in some cases as a precursor to deploying AI. While the broader spending environment isn't great, data analytics spend continues to be one of the more durable areas of IT spend. 3. In our view, core DW demand – usage growth and new migration activity – is strong enough to drive overall results, but we are increasingly comfortable that Snowflake can 'broaden the surface area' in the data stack via adoption of new products (Cortex, Snowpark, Iceberg tables).

### The Negatives

Two stood out: 1. Consistent with our checks across the Software sector, it was clear from these conversations that macro/tariff uncertainty remains a constraint on IT spend, although data spend has proven to be far more resilient. One customer halted their IBM Netezza-to-Snowflake migration in 1H during the macro/tariff noise, but given more recent clarity, has restarted the migration. 2. Commentary around Databricks' momentum again sounded positive, with others flagging strong competition from AWS Redshift and Google BigQuery. We net out with a view that this risk is manageable given a rising tide of data investments as well as evidence that Snowflake is a clear beneficiary.

### Valuation:

We maintain our view that the 12x/46x CY26E revs/FCF multiples don't seem unreasonable given Snowflake's growth profile and the health of the end market. We're rolling our valuation framework forward to CY27 and trimming our PT slightly to \$250 from \$265, based on 13x CY27 EV/S and 49x EV/FCF (prior 17x/66x CY26).

### Equities

United States  
Software

12-month rating

Buy \*

12m price target **US\$250.00**

Prior : **US\$265.00**

Price (12 Aug 2025) **US\$193.06**

RIC: SNOW.N BBG: SNOW US

### Trading data and key metrics

52-wk range US\$225.79-108.56

Market cap. US\$71.6b

Shares o/s 371m (COM)

Free float 87%

Avg. daily volume ('000) 890

Avg. daily value (m) US\$184.5

Common s/h equity (01/26E) US\$2.69b

P/BV (01/26E) 24.1x

Net debt to EBITDA (01/26E) NM

### EPS (UBS, diluted) (USD)

	01/26E	
	UBS	Cons.
Q1	0.24	0.24
Q2E	0.25	0.27
Q3E	0.29	0.28
Q4E	0.35	0.31
01/26E	1.13	1.11
01/27E	1.52	1.57
01/28E	2.00	2.30

Karl Keirstead

Analyst

karl.keirstead@ubs.com

+1-310-734 2455

Jack Fyda

Associate Analyst

jack.fyda@ubs.com

+1-212-713 3707

Highlights (US\$m)	01/23	01/24	01/25	01/26E	01/27E	01/28E	01/29E	01/30E
Revenues	2,066	2,806	3,626	4,633	5,766	7,018	8,447	10,080
EBIT (UBS)	95	230	232	457	669	944	1,232	1,572
Net earnings (UBS)	90	352	300	418	569	758	956	1,193
EPS (UBS, diluted) (US\$)	0.26	0.97	0.82	1.13	1.52	2.00	2.50	3.09
DPS (net) (US\$)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net (debt) / cash	4,008	3,846	2,366	2,617	4,075	5,908	8,156	10,872
Profitability/valuation	01/23	01/24	01/25	01/26E	01/27E	01/28E	01/29E	01/30E
EBIT (UBS) margin %	4.6	8.2	6.4	9.9	11.6	13.5	14.6	15.6
ROIC (EBIT) %	58.2	56.3	112.5	(101.4)	(48.4)	(38.1)	(32.8)	(30.0)
EV/EBITDA (UBS core) x	>100	>100	>100	>100	75.8	54.3	43.4	34.3
P/E (UBS, diluted) x	NM	NM	NM	NM	NM	96.3	77.1	62.4
Equity FCF (UBS) yield %	(0.6)	(0.9)	(1.1)	(0.9)	(0.4)	0.1	0.2	0.3
Dividend yield (net) %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Company accounts, LSEG Eikon, UBS estimates. Metrics marked as (UBS) have had analyst adjustments applied. Valuations: based on an average share price that year, (E): based on a share price of US\$ 193.06 on 12-Aug-2025

This report has been prepared by UBS Securities LLC. \* Exception to core rating bands; See Required Disclosures section. **ANALYST CERTIFICATION AND REQUIRED DISCLOSURES, INCLUDING INFORMATION ON THE QUANTITATIVE RESEARCH REVIEW PUBLISHED BY UBS, BEGIN ON PAGE 16.** UBS does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

# What We Heard

As context, ahead of the 1Q/Apr print, our checks signaled continued IT budget pressure with incremental belt-tightening, consistent with our broader enterprise software checks at the time and evidenced in our view by weaker 1Q prints from AWS, Google Cloud, Datadog's enterprise segment, and Confluent. Amidst this challenging backdrop, Snowflake partners posted ok - but not great - practice results, citing not just macro uncertainty affecting customer decisions but also Databricks competition and a pending but not yet material AI uplift. Despite these macro/competitive pressures, Snowflake posted a healthy 4-point Product revs beat in 1Q/Apr and 2Q/Jul guidance that with a beat implies record sequential dollar growth, not indicative of a consumption lull or competitive pressure in our view.

Since Snowflake reported 1Q/Apr results on May 21, we've published two separate rounds of checks, with links to those notes below. At Snowflake's early-June Summit conference, we picked up further anecdotes from checks around a growing wave of enterprise focus on their data stacks, spurred on by a need to improve data health in conjunction with AI initiatives (a theme we had begun hearing more frequently over the past 6+ months), and customer interest in Snowflake's broader data management portfolio beyond the core data warehouse. We've become more confident over the last several months that we could be sitting in front of a multi-year investment cycle in data software, a view that in our view has been supported by strong results from Snowflake, Databricks, Palantir and even the Data Cloud segment of Salesforce.

- **Jun 4** – Checks at the Snowflake Summit in SF, see [here](#)
- **Jun 12** – Checks at the Databricks conference in SF, see [here](#)

With that as context, let's now turn to the unvarnished feedback from this latest round of checks with 9 partners and customers.

## Partner 1

- *There's been a subtle change in the outlook with Snowflake. It looks like they're having a good rise with the AI wave. I think they're scheduled to harness the variety of AI opportunities and get attention to their product then expand from there. We do see higher consumption, a bit of expansion across industries. Those are the tailwinds. But at the same time, we don't see a lot of new logos on Snowflake. We're only seeing 7-8% growth in customers. That could be concerning because of steep competition they're facing with products like hyperscalers and Databricks. But overall, it's looking good in terms of consumption and AI adoption which is becoming their primary focus.*
- *We're trending in the mid-twenties for practice growth. It's shaping up a little better than we initially estimated because the AI hype is prevailing, and people are very much interested in AI offerings so that could help their consumption. I think we'll beat our target for August quarter.*
- *Customers are talking more about data but are they committing more money to AI and data? I would say it's mixed. The tariff situation is creating such a mess. The whole world economy is put in a blender. A lot of customers I talk to are eating the cost of tariffs. As a result, to balance that, they're cutting down opex and resources. I think the Snowflake practice will still do well. They don't have to be at the forefront of AI and can still get a lot of benefit from having features and getting consumption. I'm also seeing that growth is going down though, they're not growing as fast in previous years.*

- Customers are pushing for AI, and they want to try agentic AI. AI is becoming a competitive game, customers don't want to fall behind their competitors. In terms of cloud data warehouse data, Snowflake has maybe 20% of all the data out there, a huge amount. Positively, they're offering services for the data they're already hosting. You can take advantage of that with GenAI. But there's a huge challenge with that. PoCs look good but when you scale, that's when things are failing. We're seeing customers using Snowflake AI offerings sporadically. They don't have a good AI strategy. On the negative side, one issue is they do not have wide governance around their offerings. That's a problem they have to address and show some holistic progress so customers see Snowflake as a platform they can build AI on.
- Since Snowflake has a lot of business data, the major apps I'm seeing are knowledge understanding like call center record analysis. I'm also seeing customer feedback analysis in retail. To be honest, these problems were solved long ago. What's new is Snowflake is solving these. It's very easy to use. With their managed service capability, a lot of non-technical and power users can build data intelligence solutions with the help of the platform. But in terms of real AI engineering, the managed service is not something people are interested in from Snowflake. You don't have a ton of choice in it. If you're really doing data science, that's something you need more openness so you see how you can advance the model, minimize pricing, and take advantage of open source, those things are missing so that's why it's not considered an AI platform.
- It is not necessary to aggregate data for AI. What is necessary is to have a platform that is virtual and can represent the aggregation, a data mesh architecture. You're not physically moving everything. That's costly. The other is to connect the variety of data platforms, keep it distributed. Snowflake is not that.
- We are not seeing large scale AI apps deployed in Snowflake. The cost for AI in Snowflake is not yet transparent. Per million tokens using GenAI on Snowflake, it's substantially higher than competitors. That's a bit of a drag from Snowflake. That's one reason customers are interested in getting out of Snowflake. There are multiple clients I've seen that don't want to use Snowflake in the future because cost is going out of control. I haven't seen any incremental customers moving out of Snowflake in the past few months but I am seeing a lot of things that used to be in Snowflake are moving to Databricks. A year ago, things that were in the data warehouse were a sure shot for Snowflake. But now customers want to move on prem data warehouses to Databricks. Things like Exadata migrations, SQL Server warehouse, a couple customers are doing so.
- Other areas we see traction in Snowflake is Iceberg is becoming successful. It's helping Snowflake's perception of openness. Is it helping with revenue? Perhaps as it may improve consumption but it's making customers more confident. On Dynamic tables, that's new offering for automated, in-memory tables which Snowflake is pushing hard. I haven't seen it as a major driver yet.
- Snowflake optimized their Spark engine. I think some of those workloads are moving more towards Snowflake now. That is helping because Snowpark was suboptimal, but the new offering has become more compatible. Obviously, that is still not the preferred Spark platform people would like to use compared to Databricks as Snowflake Spark is still their vectorized engine under the hood to execute Spark code. It's not really a Spark engine. There are concerns that if you're putting more code into Snowflake Spark version which is not open source, then where is the longevity of your code? Are you still fully compliant? Can you still go to open source Spark? If you want new Spark features, how quickly are those in Snowflake? That's why it's still not viewed as highly. But people are feeling better on Snowpark. There were issues with threading and concurrency that are going away.
- One thing they Snowflake really needs to do much better overall is governance. All the features they are bringing in, how they're governing and observability, that's not that coherent. Snowflake has a check the box but it's a matter of effective solutions. Databricks has taken a big bet on Unity catalog. That's helping customers connect to outside of Databricks so that makes Databricks more trustworthy as the platform where you can drive your GenAI app without having a ton of data back in the data lake. Snowflake is going the similar way with Horizon but it's a new product. Due to the lack of good governance, customers have started to move to other solutions like Alation or Collibra.

- *I have not seen any customers on Gen2. There are a lot of PoCs, but they are worried it can drive the cost up. Snowflake's point is that you pay more but Gen2 is quicker so you finish your job faster. That's not a clear argument, just a hypothesis. So to convert savings on time to actual money, that's difficult because Snowflake doesn't provide that transparency. It can vary that not every job will be accelerated for Gen2.*
- *I was discussing with one client who had a complex data platform using both Databricks for data engineering and Snowflake for end-user apps. Ideally, they don't have to use both so they decided to use end-to-end Snowflake. They said that they could reduce a lot of cost related to Databricks, but they also admitted that TCO is higher on Snowflake. I asked why since they eliminated Databricks, and their idea is that it was because they refreshed data once a day, now they do it twice. They don't have that detail though so they can't say for sure. I see that's a customer concern.*
- *I think there is a place for transactional databases in an AI app. Crunchy Data is to fulfill Snowflake's AI ambition. At the same time, it's also to counter Databricks getting into Postgres with Neon. Postgres has been there for 20 years. I don't see a good reason for Snowflake to get into Postgres. Are people going to jump into Crunchy Data databases in Snowflake? I don't know, I don't see a good use case there. Considering the timing, it could be to check the box vs Databricks. It's more of a traditional managed Postgres, nothing revolutionary.*

## Partner 2

- *Back in March, when the whole macro development was unfolding through April, we developed the impression that the growth in 2Q would drop 2.5-3.5pts for enterprise software vendors. That has not been the case which is a good thing. It has been up to about 2pts. It hasn't played out to the worst of fears. In terms of where we stand with respect to customer sentiment, the industry feedback is still one of caution. Most customers still believe the current state of flux will continue through early 1Q given the whole process has turned out to be iterative. While clarity is emerging gradually, it has been painful so customers expect this iteration to end up in 4Q or more likely 1Q. In terms of industries affected the most, that remains manufacturing at the top, then retail, then fins. Healthcare was ok, tech also remains strong.*
- *The data software piece is quite robust, virtually untouched by the gyrations in the macro, be it Snowflake or Databricks. My Snowflake practice for June clocked in a healthy 31%. That was an acceleration from 1Q and we expect that to continue. This is consistent with the broader growth in the data category. July was pretty much normal. The hope is that it will cross the 33% growth threshold and continue. We have chosen to leave our full-year target at 33-35% although we may do better. It mirrors what we are seeing in cloud, across OCI, Azure, even AWS. The core Data Cloud product drove that.*
- *Databricks continues to accelerate a little faster than Snowflake. They're in a virtual monopoly today, the number one engineering analytics platform. Now they have almost become a DW platform as well. The Databricks practice is growing in the high 40s. For context, the Snowflake practice is about 20% bigger than Databricks today. By the end of the year, Databricks will be as large or bigger. I'm not seeing Snowflake to Databricks shifts. In fact, I'm seeing more customers want to deploy both, with Databricks for true analytics engineering and Snowflake for data warehousing with some using Cortex.*
- *The Cortex family keeps growing. Now they also have AI SQL. If I look at Cortex contribution to spend growth, I would have said that it's probably MSD in 1Q, but now it's touching 10% similar with Snowpark. The other area gathering pace is data clean rooms. I think Snowpark is taking off now because it goes back to the leadership change last year. Post that change, Snowflake is embracing the open platform starting with Iceberg, and they also embraced Deepseek for that short time. These actions result in developers giving more attention to that product. While the capabilities were there earlier, the perception of Snowflake no longer being its own proprietary platform, that's helping.*

- *There has been some shift in customers using Iceberg or moving data to Iceberg so it's more accessible to other enterprise platforms and for internal Snowflake usage as well. Iceberg usage is at less than 20% of my customer base, mainly trying it out, but they're also opening their data to be managed by Snowflake so it's a wash.*
- *Aside from the normal quarter on quarter uptick in migrations, some extent of saturation will be felt from the large enterprise segment. Consistent with the cloud industry, relatively simpler workloads were migrated first. Today, the data type that needs to be migrated is a little more complex, data that's been on legacy systems for two decades. This is why there could be an apparent slowing. It's getting more challenging. If the average migration was 16 weeks, it's now 19-21 because you need to put in more resources in.*
- *There is strong customer interest in Gen2 because it accelerates analytics. Certain operational capabilities, it can do 2-4x speed as I understand it. There is customer interest but it's too early to say it's contributing to customers spending more on Snowflake. I think it will.*
- *Postgres has been an interesting entity in database discussions. Customers look at it as one step forward in terms of Snowflake's journey to openness.*
- *The deployment of third-party agents onto Snowflake is more prominent in sales and marketing. When underlying data is residing in Dynamics, Salesforce, or HubSpot, it's not relating to Snowflake generally. But about 10% of my customers are using third-party agents to access data in Snowflake.*

## Partner 3

- *There's a lot of interest in self-serve BI with AI. It's not quite there yet but it's close. I'm seeing some issues with data, namely around governance and getting it structured in a useful way, but I hate when organizations say they're going to wait two years for the data readiness before doing AI. There's still a lot you can do with AI right now on your data. I'm also seeing customers with on prem data warehouses that are hard to get value from. AI is definitely accelerating migrations to Databricks and Snowflake. Databricks is our fastest growing vendor, along with AWS and Google.*

## Tech Partner

- *We're a major technology partner for Snowflake. People are still investing in data. The only slowdown we've seen is in manufacturing and building because of whatever tariffs are happening today. A lot of investing is still core migration. There's very little GenAI stuff still happening. Every company has an AI team now but most companies we talk to still can't get regulatory reporting to governing bodies on time before getting fined. One company we work with gets a \$1 million fine every time they're late, so that's one easy use case for investment. The second is people trying to organize their data into a product they can sell on the market. There are niche AI uses like airline scheduling but we're not seeing things broadly getting to GenAI.*
- *I know Snowflake's consumption is going well. They've split their salesforce into landing teams and support teams drawing down consumption. Landing new logos is always going to be a grind. I don't have as much visibility there, but I think they're roughly on pace. We don't have a target for business with Snowflake but we're roughly on track with where I expect them to be. They will continue to do well in the second half.*
- *Breaking migration into two pieces, the desire to migrate to the cloud has been pretty consistent. What has changed is that prior to the last 1-2 years, everyone was moving to Snowflake. If 2020-2022 was 90% Snowflake, 10% AWS Redshift, now we're seeing 40-50% Snowflake, some Databricks, some GCP which is seeing an uptick, and then Redshift or Azure. It's clear Snowflake is seeing pressure in the market. They're not growing the same way they have been because Databricks, Redshift, GCP are gaining market share. So for example, they purchased Datavolo as a competitor to FiveTran. You can see that as a way to lock people in by Snowflake moving into adjacent spaces. That's an interesting move on their part.*



- *Everything I'm hearing is that we're continuing to invest more in this practice. It won't be a big divergence right now, but a lot of people are saying their Snowflake bill is a runaway train so they're looking at other warehouses to reduce cost. One example is a gaming company. They received two surprise 7-figure bills from Snowflake last year and needed a governance and observability tool into what was being run in Snowflake. They also brought on Databricks. They're moving a set of data to Databricks – any time that a bet gets changed, they log that - that they couldn't make in Snowflake because it's too expensive. So they're investing more there, and that's going to Databricks. Their spending is flat to maybe down in Snowflake. A second customer is moving workloads from Redshift and Snowflake to Databricks. It's more one off but I am not seeing a ton of Databricks to Snowflake. I'm seeing more Snowflake to Databricks.*
- *Databricks launched their data warehouse a few years ago. This is the year they're market ready and it's actually usable. Second, a Databricks rep used to be able to make their plan on AI/ML and governance. Now, Databricks changed to a comp plan that reps have to sell DB SQL to really make money. We started to see that late last year into the start of this year.*
- *I don't know any customer that is using Cortex or Snowpark. We had a native app for Cortex on the marketplace. None of our customers ask us about it. I think people just don't understand how to use it or the use cases for Cortex.*

## Customer 1

- *We have been tweaking a lot of forecasts during the early part of the year. We as a company have a deep dependence with tariff rates. About half our vehicles come from outside the US. The initial expectation for 2025, we did scale it back substantially early in the year and put brakes on spending in April. In middle of June, since the tariff agreement was signed with Japan, we feel we have more certainty for the back half of the year. Our expectation is that we will still be lower in the back half of the year but for some things to unfreeze in 2H.*
- *We pulled back on contracts with IT partners that we use. Some spend on AI has slowed down. A lot of contractor headcount was cut. We have run-the-business spend that saw a much smaller cut. The second thing was vendor consolidation where we reduce the vendor footprint to consolidate into 3-4 top vendors. We do business with the big names you'd think of, AWS, Azure, Google Cloud.*
- *From a data platform, we started migrating away from IBM Netezza in 2023 and moving that to Snowflake. That's been several millions in migration. I'd say we are 80% migrated but we paused the migration in 1H given the tariff noise. We moved the easiest areas from cloud Netezza to Snowflake already and are now moving the on-prem legacy systems. We also have company-owned data centers we're exiting as well. We expect to complete all of it in 2025 but with some spending reprioritization that will now be 1H26.*
- *On 2025, the spend will increase on Snowflake by 5% y/y. In 2024, we were migrating these apps so spend was transitioning up. Purely from a Snowflake perspective, I'd say spend was probably flat in the first half of the year and expect that to be up slightly in 2H as we restart the IBM-to-Snowflake migration. The cloud provider we decide to consolidate to will get a bigger share of that spend, but Snowflake will have to manage the data pipelines and data analytics. All the point-of-sale systems, all the dealer-level systems, multiple data operations taking place, all that is migrating into Snowflake. The data center exit will pick up in 2H26 and Snowflake will start to see that.*
- *We are in the early stages of evaluating the early use cases of Iceberg. One we're evaluating is vehicle data that is transcribed back such vehicle analytics, remote start, maintenance, so we're running a use case on that. The second area we are piloting is smart financial insurance. If you want to lease or take a loan, you can do that on the mobile app without doing physical documentation.*
- *We have to look at the storage support Iceberg has. It can be stored in S3 or Azure blob, so you're reducing credits in Snowflake but increasing spend with AWS or Azure. That ties the consolidation with cloud computing where spend is decreasing with the same baseline.*

- We're using SnowConvert, an AI-powered migration tool that translates SQL queries and ETL codes to the cloud. We're running a pilot on that. We're also using a pilot on Cortex agents with natural language queries, customers calling in for things like what their next payment is, what's in their contract, when is the next payment? We're using Cortex to securely access the customer data and provide that answer back to the customer in natural language.
- It has only been a couple months on the agent trial. Early feedback is that customers are more satisfied that they don't have to go through a call center. As we run more queries and customer questions through it, we find it is getting more effective and providing in an easily consumable response. I would say satisfaction is increasing since we launched the pilot. The drawback is that sometimes it does not recognize the input format and struggles with a response so there it has to transition to an agent. The second benefit is that it reduces call volume. It's 17x more expensive to me to hand a call to a human agent vs to have it run through Cortex. I don't know the full spend impact yet. Because we have a million customers so if we roll it out at scale across the US, we're talking about potentially a million queries a day through this platform. We sell 10 million cars a year with 10-year average life, so that could be a significant amount of customers moving on this platform. Cost per query will come down if we run that many queries.
- We use multiple customer data platforms now which we're also consolidating. The Cortex agent will help with the integration with Salesforce, but Salesforce has its own agents so my preference is to use the native Agentforce first if we implemented them.
- We've had a couple conversations on Gen2 warehouses but with the broader macro picture, we decided not to proceed there and look at that in 4Q or next year.

## Customer 2

- We spent the last several year building our data foundation, moving our data to a data lake architecture. That foundation is now in stable mode, now it's about building on top of it, including AI applications. We use each of the Big 3 cloud providers, Databricks for data transformation and Snowflake. Looking forward, spend is increasing in Databricks, some with Snowflake, and more so Databricks. Volume is increasing and use cases have increased, but we're now finding ways to optimize the data foundation, as when we were scaling it there was less cost-control rigor. We are now very focused on using this data layer to leverage AI and deal with some of the headwinds we see in our business. For our end user consumer data, we aggregate it in Salesforce's Data Cloud, causing a bump in our Salesforce spend.
- Snowflake is leveraged for a specific use case. It started a few years ago when we primarily used it for e-com business where it needed a lot of exchange or collaboration with external vendors or customers. At the time, Snowflake had a lot of collaboration capabilities across organizations. The problem is that if you think about the Snowflake vs Databricks architectures, Snowflake was built with a data warehousing, SQL based approach. Databricks started as a wholistic platform and continued their journey to become a complete end to end product with AI/BI.
- On using data as a building block for AI, I think there are two sides of that coin. Data foundation is critical as it's needed for scaling AI use cases. Even if you don't have a data foundation, you need to understand how mature your metadata and processes are to find it. You have to be assured that you have curated quality data with governance and support, then you can rely on the agent to trust the data and make inferences from it. An agent can scan any data but if you have 20 different sales figures, that's the challenge there.

## Customer 3

- The big focus for us in 2025 is AI enablement, and there's a precursor to that - data, the oil and engine room that runs it all. We have a big focus on getting data products advertised on our data mesh to enable AI. We get a lot of crappy data in that we have to correct and polish, and the aim is to use AI to do that. I'd say we're doing both getting the foundational layers and building AI on top in parallel. We've established architectures for cleaning up and presenting data as data products.

- *We have a data mesh. It's an approach where you try not to duplicate data. All of your data is in one set of services that can scale. It's a long journey. That's a three, four years to really get it to the point where it starts to truly pay off. We have traditional trading systems that data comes out of every day that flows into the data mesh. It gets put into Apache Iceberg or Parquet formats and stuck into Azure blob stores. We put a bunch of metadata in it so we know what's there. If you need access to that data, you can easily find it in a catalog. If you want to throw AI at it and do analytics or any of that, we can handle that. The data does not leave my Databricks platform. It stays there and the access is in place.*
- *We still have access to Snowflake because it turns out it's a really good thing for sharing data between firms. For copying, we do not use it as we have a data mesh model. Azure is overwhelmingly getting pulled along on the data side, along with Databricks. The data mesh is based on Starburst, an open-source product. On AI, we're increasingly leaning into Azure OpenAI and Databricks.*

## Customer 4

- *We're in the auto sector so things have been rough of late, but we've surprisingly kept our IT spend stable despite the tougher environment. On AI investments, we've historically been a very risk-averse company, I and others have been trying to bend the organization over the last 18 months on AI adoption. We've found 15 use cases across the company, including generic broad solutions like Microsoft Copilot and then several more narrow discrete use cases. To succeed with AI, you need access to the relevant data for fine-tuning. We need to build data products to support our tactical AI solutions. We use Google Cloud and are relying mostly on Google BigQuery data warehouse.*

## Customer 5

- *Data centralization is key for AI. When you have business users that want to use the data and create a copy, this becomes a mess to track along with adding expense from storing copies. Plus, when you get updates to data, you have to update it in every single downstream copy, rather than one single source. We are aggregating our data to Snowflake as our enterprise data lakehouse. We have Databricks as well but are leaving that to just the commercial unit of the organization. We are also undergoing an SAP transformation where we're consolidating eight global instances into one, so we have a lot of data in Datasphere as well.*

## Key Takes From These Checks

### The Positives

- **Partners Beating Practice Targets:** While many SaaS partners are missing their practice targets or landing in-line at best (see our Workday checks the other night [here](#)), Snowflake partners appear to be landing in-line or (in most cases) beating. While not blowing-out their targets, these results are healthy enough such that we see reasonable upside opportunity to Snowflake's 2Q/Jul print.
- **Still-Strong Data Investment Cycle:** There was a consistent theme in these conversations that enterprises are still investing in building "data foundations" and in technology to better harness their data sets, in some cases as a precursor to deploying AI. While the broader spending environment isn't great (see below), data analytics spend continues to be one of the more durable areas of IT spend. We heard *"the data software piece is quite robust, virtually untouched by the gyrations in the macro, be it Snowflake or Databricks"* and *"data foundation is critical as it's needed for scaling AI use cases"*. In terms of the specific AI pull-through, we still believe that it's early-stage but the tone from partners is improving, with one saying that *"there's been a subtle change in the outlook with Snowflake. It looks like they're having a good rise with the AI wave"*, offset by comments like *"there's very little GenAI stuff happening"* and *"customers are using Snowflake AI offerings sporadically"*. Net, we see more near-term opportunity for an indirect benefit as customers increasingly invest in data quality ahead of AI deployments.



- **New Product Traction:** Customer 1 above was trialing Cortex Agents in a customer service use case while one partner noted a 10% spend uplift in customers using Cortex, an increase vs 1Q. Outside of Cortex, we've noticed more interest in leveraging Snowflake's Iceberg tables offering (now 1-year since GA), which multiple checks noted is not yet increasing compute usage but is improving Snowflake's perceived 'openness', particularly relative to Databricks. Similarly on Snowpark, both feature improvements and Snowflake's leadership changes were cited as key drivers of increased contribution. Net, as we pick up more adoption of products outside Snowflake's core data warehouse offering, this leaves us increasingly comfortable that Snowflake can 'broaden the surface area' in the data stack, becoming more sticky and expanding its addressable market.

## The Negatives

- **Still-Tough Budget Backdrop:** Consistent with our checks across the Software sector, it was clear from these conversations that macro uncertainty remains a concern, particularly in the manufacturing vertical (in the tariff cross-hairs, evidenced by Customer 1, an automotive manufacturer delaying migration efforts and pulling back on consulting services over the past few months). As one check said, *"the tariff situation is creating such a mess. The whole world economy is put in a blender. A lot of customers I talk to are eating the cost of tariffs. As a result, to balance that, they're cutting down opex and resources"*. Customer 1 above halted their IBM Netezza-to-Snowflake migration in 1H during the macro/tariff noise, but given more recent clarity, has restarted the migration.
- **Competition - Databricks and Others:** As expected, commentary around Databricks' momentum again sounded positive, with multiple partners suggesting on-the-margin workload gains and outsized practice/customer spend growth relative to Snowflake (although occasionally on a smaller base). Key drivers of this growth were Databricks' Unity Catalog offering for data quality and governance and better perceived platform openness, along with an uptick in Databricks SQL data warehousing as the product matures. We also picked up on Databricks sales rep compensation changes, encouraging reps to sell more DB SQL. Others flagged competition from the hyperscalers – AWS Redshift and Google BigQuery. While concerning (one check said that this was slowing down Snowflake's new logo growth), we net out with a view that the rising tide of data investments is enough to make the "Databricks risk" a manageable one for Snowflake.

## Readthrough from Data Peers

In terms of data software rivals that could represent a good read on Snowflake's momentum, we pay the most attention to Databricks, Palantir and Microsoft's earnings call commentary about their data suite. The read from all three is positive:

- **Databricks:** Databricks guided to a \$3.7b revs run-rate by mid-year/Jul, +50% y/y, and disclosed \$1 billion of DW ARR at some point this year as well as \$300m in AI ARR. There was nothing from Databricks or from our conversations with its customers to point to any growth moderation.
- **Palantir:** Palantir posted 2Q25 US commercial revs growth of 93%, up significantly from 20% growth in this segment two years ago. This segment at \$1.2 billion is much smaller than either Snowflake or Databricks and Palantir is more focused on the data foundation layer and operational use cases, but its 93% growth rate certainly doesn't signal any slowdown.
- **Microsoft:** Microsoft doesn't disclose "data" revs so we're interpreting (always-bullish) commentary from the CEO, who said: *"The next layer is data, which is foundational to every AI application. Microsoft Fabric is becoming the complete data and analytics platform for the AI era. It continues to gain momentum with revenue up 55% year-over-year. Azure Databricks and Snowflake on Azure both accelerated as well"*. On the margin, this sounds constructive on Snowflake (and Databricks).

## Cloud Infra Correlation

Let's now review the results of the cloud infra providers and the read-through to Snowflake, in particular what the large hyperscalers - AWS and Microsoft Azure - have posted. While the weaker-than-expected AWS results weighed on a number of related stocks post-print, we'd take a step back and point out that we think the 2Q25 results across the Big 3 cloud providers were very strong. The combined growth rate across the Big 3 providers accelerated by 3-points to 27% in 2Q25, the fastest combined growth rate since 3Q22, and the sequential dollar revenue adds of \$5.24 billion was an all-time record. Even AWS posted sequential dollar adds of \$1.61 billion, the second-highest quarter ever. We believe the cloud infra market looks very healthy and represents a positive readthrough to Snowflake.

**Figure 1: Cloud Infrastructure Results**

	CY23		CY24				CY25E				CY26E	
	3Q Sep-23	4Q Dec-23	1Q Mar-24	2Q Jun-24	3Q Sep-24	4Q Dec-24	1Q Mar-25	2Q Jun-25	3Q Sep-25E	4Q Dec-25E	1Q Mar-26E	2Q Jun-26E
<b>AWS</b>												
Revenue	23,059	24,204	25,037	26,281	27,452	28,786	29,267	30,873	32,346	34,011	34,523	36,308
% Y/Y Change	12%	13%	17%	19%	19%	19%	17%	17%	18%	18%	18%	18%
Sequential Dollar Growth	919	1,145	833	1,244	1,171	1,334	481	1,606	1,473	1,666	511	1,786
% Y/Y Change	15%	36%	NA	58%	27%	17%	(42%)	29%	26%	25%	6%	11%
<b>Azure</b>												
Revenue	12,617	13,640	14,563	15,558	16,774	17,864	19,390	21,661	23,324	25,033	26,887	29,401
% Y/Y Change, c/c	30%	31%	35%	35%	34%	31%	35%	39%	38%	38%	36%	33%
Sequential Dollar Growth	966	1,023	923	995	1,216	1,090	1,526	2,271	1,663	1,709	1,854	2,514
% Y/Y Change	68%	69%	63%	15%	26%	7%	65%	128%	37%	57%	21%	11%
<b>Google Cloud</b>												
Revenue	8,411	9,192	9,574	10,347	11,353	11,955	12,260	13,624	14,652	15,519	15,710	17,238
% Y/Y Change	22%	26%	28%	29%	30%	28%	28%	32%	29%	30%	28%	27%
Sequential Dollar Growth	380	781	382	773	1,006	602	305	1,364	1,028	867	191	1,528
% Y/Y Change	(36%)	75%	175%	34%	165%	(23%)	(20%)	76%	2%	44%	(37%)	12%
<b>Total Revenue</b>	<b>44,087</b>	<b>47,036</b>	<b>49,174</b>	<b>52,186</b>	<b>55,579</b>	<b>58,605</b>	<b>60,917</b>	<b>66,158</b>	<b>70,321</b>	<b>74,564</b>	<b>77,119</b>	<b>82,947</b>
% Y/Y Change	19%	21%	24%	25%	26%	25%	24%	27%	27%	27%	27%	25%
<b>Total Sequential Dollar Growth</b>	<b>2,265</b>	<b>2,949</b>	<b>2,138</b>	<b>3,012</b>	<b>3,393</b>	<b>3,026</b>	<b>2,312</b>	<b>5,241</b>	<b>4,163</b>	<b>4,242</b>	<b>2,556</b>	<b>5,827</b>
% Y/Y Change	15%	56%	214%	35%	50%	3%	8%	74%	23%	40%	11%	11%

Source: Company reports, Visible Alpha, UBSe

## How Correlated is Snowflake to Hyperscaler Results?

Just how good a demand signal are these results? We lay out the sequential revenue dollar adds for AWS, Microsoft Azure and Snowflake below. The correlation is imperfect, but in terms of sequential dollar adds, a) Snowflake as well as AWS/Azure saw very high y/y growth rates through 2021 (when the COVID IT spending party was in full flight), b) growth slowed for the hyperscalers and Snowflake at about the same time (1H22, when the macro began to slow), and c) growth recovered for Snowflake and the hyperscalers near the same time (around 3Q23 with Snowflake's sequential add recovery a couple quarters behind AWS/Azure, when material cloud spend optimization efforts eased-up). Bottom line, there is some correlation, as both Snowflake and the hyperscalers are subject to the pace of on-prem asset migrations as well as cloud-based consumption optimization efforts. It's too early to know whether the 2Q25 improvement in cloud infra spend benefit Snowflake as well, but historical pattern suggests that it might.

**Figure 2: Snowflake's Correlation to AWS/Azure Results**

Q/Q \$ Revenue	1Q21A	2Q21A	3Q21A	4Q21A	1Q22A	2Q22A	3Q22A	4Q22A	1Q23A	2Q23A	3Q23A	4Q23A	1Q24A	2Q24A	3Q24A	4Q24A	1Q25A
AWS	761	1,306	1,301	1,670	661	1,298	799	840	(24)	786	919	1,145	833	1,244	1,171	1,334	481
% y/y	187%	122%	64%	46%	-13%	-1%	-39%	-50%	-104%	-39%	15%	36%	NM	58%	27%	17%	-42%
Total Azure	539	805	543	609	867	728	574	606	565	862	966	1,023	923	995	1,216	1,090	1,526
% y/y	36%	60%	62%	16%	61%	-10%	6%	0%	-35%	18%	68%	69%	63%	15%	26%	7%	65%
Azure ex-AI	526	789	528	590	844	707	553	585	543	746	646	589	696	662	706	355	743
% y/y	35%	60%	62%	15%	60%	-10%	5%	-1%	-36%	6%	17%	1%	28%	-11%	9%	-40%	7%
<b>SNOW</b>	<b>36</b>	<b>41</b>	<b>58</b>	<b>47</b>	<b>35</b>	<b>72</b>	<b>56</b>	<b>33</b>	<b>35</b>	<b>50</b>	<b>58</b>	<b>40</b>	<b>51</b>	<b>40</b>	<b>71</b>	<b>43</b>	<b>54</b>
% y/y	83%	74%	149%	58%	-2%	76%	-2%	-31%	0%	-30%	3%	22%	48%	-21%	22%	9%	4%

Source: Company filings

## OpenAI – More Rewarding Than Risky

One key debate re-opened from the Confluent print was the extent to which OpenAI may begin in-sourcing 3rd-party software, a risk that Datadog shares now embed. Confluent (covered by Radi Sultan on the UBS Software team) disclosed that “an AI native customer” (which investors have concluded is OpenAI) will significantly reduce their spend with Confluent in 4Q25 and saying that this customer is “making a broad-based move towards self-management of internal data platforms” and that “the move impacted a number of different vendors”. This has triggered some investor questions about the risk to Snowflake, as OpenAI is a key and fast-growing Snowflake (as well as Databricks) customer. Bottom line, we don’t view this as a material risk and view this exposure to the largest AI customer today as a material positive for Snowflake shares, for Databricks and of course for Microsoft (see Azure’s acceleration, in part due to OpenAI consuming Azure’s core data services in addition to compute). Below are some considerations in assessing this risk:

- **OpenAI is a <1% Customer:** Snowflake has signaled that OpenAI was a <1% customer as of the 1Q/Apr print, implying <\$40m of annual revs (OpenAI’s spend on Datadog could be 5x higher). We would not be surprised if Snowflake reveals on the 2Q/Jul call that OpenAI is now a >1% customer.
- **Competition Within OpenAI:** We believe that Snowflake dominates as a provider of 3rd-party data analytics tech, such as reporting, dashboards and ad hoc queries within OpenAI. While OpenAI is also a large consumer of Databricks, which is very likely trying to expand into Snowflake’s turf, we’re not aware of any share losses yet (and of course Snowflake sees opportunity to move into data engineering workloads).
- **Not Open-Source Based:** Confluent has deep open source roots and hence plenty of large organizations (especially tech-savvy ones) can and do manage their own Kafka-based data streaming estates by utilizing the open source version of the software and internal staff. Snowflake does not have open source roots and is not subject to any open source versions of its software, materially lowering the risk that OpenAI could replace Snowflake with open source alternatives. Databricks does have open source roots – and hence the possibility of an open source swap may be higher - but over the years its code base has moved quite far away from being Spark-centric, and our base case assumption is that Databricks too is unlikely to be replaced.

# Key Metrics and Valuation Thoughts

Let's now talk through the key metrics to watch for on Snowflake's upcoming print.

## Revs Growth Expectations

- **2Q/Jul Product Revs Growth:** At the high-end, Snowflake guided to 2Q/Jul Product revs growth of \$1.040 billion, +25% y/y, implying \$43 million in sequential dollar adds, what would be the fourth straight quarter of sequential dollar adds above the year-ago period. Yet assuming a 4pt beat (in-line with the prior three quarters), this implies sequential dollar adds of \$85 million, an all-time record quarterly add and a y/y growth rate closer to 30% and a 4-point acceleration. Snowflake cited the key drivers of this strength coming from stability in consumption and ramping of new customer deals, along with increasing contribution from newer products (Snowflake called out Snowpark and Dynamic Tables outperformance in 1Q/Apr but noted the \$200 million 'data engineering' ARR disclosure from 3Q/Oct will only be given periodically). In our view, the checks above along with the peer group read-through to Snowflake are broadly positive, hence we're comfortable modeling a 3.5pt beat for 2Q/Jul Product revs of \$1.08 billion, +30% y/y, for \$79 million in sequential adds. We'd place the early investor bogey at a 3.0-3.5pt beat to 29-30% growth.
- **3Q/Oct Product Revs Growth:** Snowflake's current implied 2H guidance conservatively requires a y/y growth decel. In each of the past 2Q/Jul quarters, Snowflake has guided to next-quarter sequential dollar adds of \$26 million, \$35 million, and \$39 million, each down \$14-33 million from the prior quarter's adds. Assuming a 3.5pt in 2Q/Jul, if Snowflake were to take a similar approach to guidance and assume \$55 million in sequential dollar adds (a ~\$25 million step-down from 2Q/Jul), this would land the 3Q/Oct guide at ~\$1.13 billion, +26% y/y. With Snowflake flagging new customer ramps as a driver of strength along with an opportunity for new products to start kicking more materially, we're comfortable modeling 28% Product revs growth for 3Q/Oct, for sequential dollar adds of \$81 million.
- **FY26 Product Revs Growth:** Three months ago, Snowflake raised its FY26 Product revs guide by \$45 million - more than the \$37 million beat in 1Q/Apr - to \$4.325 billion, +25% y/y. Following an uptick in checks at Snowflake's early-Jun Summit conference, we raised our CY25/FY26 Product revs growth estimate to 28% from 27%, roughly in-line with where we'd peg investor estimates this year. Our base case is that Snowflake needs to pass through the 2Q beat to the FY guide although we wouldn't be surprised if buy-side expectations were for an incremental raise.

## Other Key Metrics

- **RPO/cRPO:** In 1Q/Apr, Snowflake posted RPO of \$6.69 billion, +34% and cRPO of \$3.34 billion, +31% with both sequential adds seasonally weak but in-line with/ slightly above historical trends. On the 4Q/Jan 2025 call, Snowflake cited two large customers running out of capacity ahead of their renewal dates and opting to sign bridge deals until renewals, which both customers signed in April. Snowflake described this activity as normal quarterly bookings variation and not indicative of any new trend. We didn't pick up any changes in the bookings environment in our checks above and are content to model 2Q/Jul RPO growth of 33% and cRPO growth 32%.
- **FY26 Operating Margins:** Despite a 4pt OM beat in 1Q/Apr, Snowflake left its FY26 OM target of 8% unchanged. On the 1Q call, Snowflake flagged its 2Q Summit event as a major pending expense while also citing efficiencies internally from using AI and automation in both the engineering and sales organizations, yet Snowflake also added 406 net new employees in 1Q/Apr, its largest in eight quarters with the vast majority landing in S&M as Snowflake fine-tunes its GTM under the new CRO. Given the large headcount adds, we're leaving our FY26 OM estimate at 10% intact. Herein is a potential positive investment thesis – that 10% OMs for a software vendor operating at a \$4B+ run-rate simply leaves room for material upside that Snowflake might go after with the (not yet announced) incoming CFO, akin to the recent tone shift from MongoDB under its new CFO.

- **FY26 FCF Margins:** Impacted by the two large customer deals above signed in April leading to lighter collections, Snowflake posted 1Q/Apr adj. FCF margin of 20%, below the mid-40s results posted in each of the three prior 1Q/Apr periods and leading Snowflake to leave its FY26 adj. FCF Margin guide at 25%. Importantly, while Snowflake has long messaged an expectation for a shift in customer billing terms from annual-in-advance to monthly with the effect of converging FCF margins with OMs, that dynamic was unchanged in 1Q/Apr, and hence we're not expecting any change in the OM-FCF margin gap.

## Valuation Thoughts

We are clearly not the only ones picking up constructive customer and partner feedback about enterprise data spending intentions, and Snowflake's 2Q/Jul guidance made three months ago already signaled a growth rate acceleration. As a result, investor sentiment is broadly positive. But in our view, the valuation multiples shown in Figure 3 below - 11.7x revs and 46x FCF on CY26/FY27 estimates – are hardly depressed but don't stand out as stretched for a 30% growth story, well-positioned in a very healthy data software market and with a potential margin expansion story that has yet to play out. If indeed we're sitting in front of a multi-year data investment cycle, these multiples remain attractive. We're rolling our valuation framework forward to CY27 and given the broader de-rating across software stocks, we're trimming our PT slightly to \$250 from \$265, based on 13x CY27 EV/S and 49x EV/FCF (prior 17x/66x CY26), a justified premium to the peer group.

**Figure 3: 20%+ Growth Software Peer Group**

Company	Ticker	Price 8/12/2025	% Change YTD	Market Cap	Revenue Growth		EV/Revenue		EV/FCF	
					CY26E	CY27E	CY26E	CY27E	CY26E	CY27E
Palantir	PLTR	\$186.97	147%	\$482,530	35%	33%	85.9x	64.7x	196.5x	166.1x
Cloudflare	NET	\$202.33	88%	\$75,722	26%	28%	28.1x	22.0x	NM	146.6x
CrowdStrike	CRWD	\$435.80	27%	\$113,764	22%	24%	19.2x	15.5x	63.5x	48.4x
CyberArk	CYBR	\$418.38	26%	\$22,155	19%	19%	13.8x	11.6x	56.5x	43.5x
Zscaler	ZS	\$275.43	53%	\$47,835	20%	20%	13.2x	11.0x	47.0x	38.3x
Snowflake	SNOW	\$193.06	25%	\$76,082	24%	22%	11.7x	9.6x	46.4x	36.9x
Datadog	DDOG	\$128.96	(10%)	\$47,040	20%	21%	11.1x	9.2x	42.5x	32.6x
SentinelOne	S	\$16.30	(27%)	\$6,112	21%	18%	4.5x	3.8x	42.8x	27.6x
Gitlab	GTLB	\$39.25	(30%)	\$7,159	21%	20%	5.4x	4.5x	26.4x	27.5x
monday.com	MNDY	\$172.15	(27%)	\$9,170	22%	21%	5.0x	4.1x	18.6x	14.8x
<b>Mean</b>			<b>27%</b>		<b>23%</b>	<b>23%</b>	<b>20.7x</b>	<b>16.3x</b>	<b>61.7x</b>	<b>60.6x</b>
<b>Median</b>			<b>26%</b>		<b>21%</b>	<b>21%</b>	<b>13.2x</b>	<b>11.0x</b>	<b>44.9x</b>	<b>38.3x</b>

Source: FactSet, UBSe



**Forecast returns**

Forecast price appreciation	29.5%
Forecast dividend yield	0.0%
Forecast stock return	29.5%
Market return assumption	8.7%
Forecast excess return	20.8%

**Company Description**

Snowflake is a cloud-based data analytics platform that runs on top of AWS, Azure and GCP. Snowflake's Data Cloud is delivered through a consumption-based model, only charging customers for the resources consumed. The company generated \$590 million in FY21 and has over 2,200 employees. Snowflake was incorporated in 2011 and is based in San Mateo, California.

**Valuation Method and Risk Statement**

Our price target is based on an EV/Sales multiple. Risks to our price target include Snowflake's historically-high valuation, high investor expectations, and the fundamental risk that a rival in the cloud analytics market (Amazon, Microsoft, Google or Databricks) might emerge over the next several years with an even better product.

keith.secon@ snowflake.com

## Quantitative Research Review

UBS Global Research publishes a quantitative assessment of its analysts' responses to certain questions about the likelihood of an occurrence of a number of short term factors in a product known as the 'Quantitative Research Review'. The views for this month can be found below. Views contained in this assessment on a particular stock reflect only the views on those short term factors which are a different timeframe to the 12-month timeframe reflected in any equity rating set out in this note. For previous responses please make reference to (i) previous UBS Global Research reports; and (ii) where no applicable research report was published that month, the Quantitative Research Review which can be found at <https://neo.ubs.com/quantitative>, or contact your UBS sales representative for access to the report or the Quantitative Research Team on [ubs-quant-answers@ubs.com](mailto:ubs-quant-answers@ubs.com). A consolidated report which contains all responses is also available and again you should contact your UBS sales representative for details and pricing or the Quantitative Research Team on the email above.

### Snowflake Inc

Question	Response
1. Is the industry structure facing the firm likely to improve or deteriorate over the next six months? Rate on a scale of 1-5 (1 = getting worse, 3 = no change, 5 = getting better, N/A = no view)	4
2. Is the regulatory/government environment facing the firm likely to improve or deteriorate over the next six months? Rate on a scale of 1-5 (1 = getting tougher, 3 = no change, 5 = getting better, N/A = no view)	N/A
3. Over the last 3-6 months in broad terms have things been improving/no change/getting worse for this stock? Rate on a scale of 1-5 (1 = getting a lot worse, 3 = not much change, 5 = getting a lot better, N/A = no view)	4
4. Relative to the current CONSENSUS EPS forecast, is the next company EPS update likely to lead to: (1 = negative surprise vs consensus, 3 = in-line with consensus, 5 = positive surprise vs consensus expectations, N/A = no view)	4
5. What's driving the difference?	
6. Relative to YOUR current earnings forecast, is there relatively greater risk at the next earnings result of: (1 = downside skew risk to earnings, 3 = equal upside or downside risk to earnings, 5 = upside skew risk to earnings, N/A = no view)	4
7. What's driving the difference?	
8. Is there an upcoming catalyst for the company over the next three months?	
9. Is there an actual or approximate date for the catalyst?	
10. Is the catalyst date an actual or approximate date?	
11. What is the catalyst?	

## Required Disclosures

This document has been prepared by UBS Securities LLC, an affiliate of UBS AG. UBS AG, its subsidiaries, branches and affiliates, including former Credit Suisse AG and its subsidiaries, branches and affiliates are referred to herein as "UBS".

For information on the ways in which UBS manages conflicts and maintains independence of its UBS Global Research product; historical performance information; certain additional disclosures concerning UBS Global Research recommendations; and terms and conditions for certain third party data used in research report, please visit <https://www.ubs.com/disclosures>. Unless otherwise indicated, information and data in this report are based on company disclosures including but not limited to annual, interim, quarterly reports and other company announcements. The figures contained in performance charts refer to the past; past performance is not a reliable indicator of future results. Additional information will be made available upon request. UBS Securities Co. Limited is licensed to conduct securities investment consultancy businesses by the China Securities Regulatory Commission. UBS acts or may act as principal in the debt securities (or in related derivatives) that may be the subject of this report. This recommendation was finalized on: 13 August 2025 04:11 AM GMT. UBS has designated certain UBS Global Research department members as Derivatives Research Analysts where those department members publish research principally on the analysis of the price or market for a derivative, and provide information reasonably sufficient upon which to base a decision to enter into a derivatives transaction. Where Derivatives Research Analysts co-author research reports with Equity Research Analysts or Economists, the Derivatives Research Analyst is responsible for the derivatives investment views, forecasts, and/or recommendations. **Quantitative Research Review:** UBS Global Research publishes a quantitative assessment of its analysts' responses to certain questions about the likelihood of an occurrence of a number of short term factors in a product known as the 'Quantitative Research Review'. Views contained in this assessment on a particular stock reflect only the views on those short term factors which are a different timeframe to the 12-month timeframe reflected in any equity rating set out in this note. For the latest responses, please see the Quantitative Research Review Addendum at the back of this report, where applicable. For previous responses please make reference to (i) previous UBS Global Research reports; and (ii) where no applicable research report was published that month, the Quantitative Research Review which can be found at <https://neo.ubs.com/quantitative>, or contact your UBS sales representative for access to the report or the Quantitative Research Team on [ubs-quant-answers@ubs.com](mailto:ubs-quant-answers@ubs.com). A consolidated report which contains all responses is also available and again you should contact your UBS sales representative for details and pricing or the Quantitative Research team on the email above.

### Analyst Certification:

Each research analyst primarily responsible for the content of this research report, in whole or in part, certifies that with respect to each security or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about those securities or issuers and were prepared in an independent manner, including with respect to UBS, and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that research analyst in the research report.

### UBS Global Research: Global Equity Rating Definitions

12-Month Rating	Definition	Coverage <sup>1</sup>	IB Services <sup>2</sup>
Buy	FSR is > 6% above the MRA.	52%	22%
Neutral	FSR is between -6% and 6% of the MRA.	41%	20%
Sell	FSR is > 6% below the MRA.	8%	22%
Short-Term Rating	Definition	Coverage <sup>3</sup>	IB Services <sup>4</sup>
Buy	Stock price expected to rise within three months from the time the rating was assigned because of a specific catalyst or event.	<1%	<1%
Sell	Stock price expected to fall within three months from the time the rating was assigned because of a specific catalyst or event.	<1%	<1%

Source: UBS. Rating allocations are as of 30 June 2025.

1:Percentage of companies under coverage globally within the 12-month rating category.

2:Percentage of companies within the 12-month rating category for which investment banking (IB) services were provided within the past 12 months.

3:Percentage of companies under coverage globally within the Short-Term rating category.

4:Percentage of companies within the Short-Term rating category for which investment banking (IB) services were provided within the past 12 months.

**KEY DEFINITIONS:** **Forecast Stock Return (FSR)** is defined as expected percentage price appreciation plus gross dividend yield over the next 12 months. In some cases, this yield may be based on accrued dividends. **Market Return Assumption (MRA)** is defined as the one-year local market interest rate plus 5% (a proxy for, and not a forecast of, the equity risk premium). **Under Review (UR)** Stocks may be flagged as UR by the analyst, indicating that the stock's price target and/or rating are subject to possible change in the near term, usually in response to an event that may affect the investment case or valuation. **Equity Price Targets** have an investment horizon of 12 months.

**EXCEPTIONS AND SPECIAL CASES:** **UK and European Investment Fund ratings and definitions are:** **Buy:** Positive on factors such as structure, management, performance record, discount; **Neutral:** Neutral on factors such as structure, management, performance record, discount; **Sell:** Negative on factors such as structure, management, performance record, discount. **Core Banding Exceptions (CBE):** Exceptions to the standard +/-6% bands may be granted by the Investment Review Consultation (IRC). Factors considered by the IRC include the stock's volatility and the credit spread of the respective company's debt. As a result, stocks deemed to be very high or low risk may be subject to higher or lower bands as they relate to the rating. When such exceptions apply, they will be identified in the Company Disclosures table in the relevant research piece.

Research analysts contributing to this report who are employed by any non-US affiliate of UBS Securities LLC are not registered/qualified as research analysts with FINRA. Such analysts may not be associated persons of UBS Securities LLC and therefore are not subject to the FINRA restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account. The name of each affiliate and analyst employed by that affiliate contributing to this report, if any, follows.

**UBS Securities LLC:** Jack Fyda, Karl Keirstead.

## Company Disclosures

Company Name	Reuters	12-month rating	Price	Price date
<b>Snowflake Inc</b> <sup>16,28,20</sup>	SNOW.N	Buy (CBE)	US\$193.06	12 Aug 2025

Source: UBS Global Research; LSEG Eikon. All prices as of local market close. Ratings in this table are the most current published ratings prior to this report. They may be more recent than the stock pricing date.

- 16. UBS Securities LLC makes a market in the securities and/or ADRs of this company.
- 20. Because this security exhibits higher-than-average volatility, the FSR has been set at 15% above the MRA for a Buy rating, and at -15% below the MRA for a Sell rating (compared with 6/-6% under the normal rating system).
- 28. UBS holds a long or short position of 0.5% or more of the listed shares of this company.

Unless otherwise indicated, please refer to the Valuation and Risk sections within the body of this report. For a complete set of disclosure statements associated with the companies discussed in this report, including information on valuation and risk, please contact UBS Securities LLC, 11 Madison Avenue, New York, NY 10010, USA, Attention: Investment Research.

## Snowflake Inc (US\$)



Date	Stock Price (US\$)	Price Target (US\$)	Rating
2022-05-12	140.60	260.00	Buy
2022-05-22	141.49	180.00	Buy
2022-05-26	126.80	165.00	Buy
2022-08-15	170.44	175.00	Neutral

Date	Stock Price (US\$)	Price Target (US\$)	Rating
2022-12-01	154.04	140.00	Neutral
2023-05-18	184.31	170.00	Neutral
2023-05-25	147.91	155.00	Neutral
2023-11-30	187.68	185.00	Neutral
2024-02-21	216.21	225.00	Neutral
2024-02-28	230.00	185.00	Neutral
2024-05-22	163.34	190.00	Neutral
2024-06-04	137.00	171.00	Neutral
2024-08-19	131.42	155.00	Neutral
2024-09-23	113.26	125.00	Neutral
2024-11-20	129.12	155.00	Neutral
2025-02-18	192.78	190.00	Neutral
2025-02-27	173.69	200.00	Neutral
2025-05-21	179.12	210.00	Neutral
2025-06-04	209.60	265.00	Buy

Source: UBS Global Research; LSEG Eikon as of 12-Aug-2025. All prices as of local market close. Ratings as of date shown.

keith.secon@ snowflake.com



**The Disclaimer relevant to Global Wealth Management clients follows the Global Research Disclaimer. The Disclaimer relevant to Credit Suisse Wealth Management follows the Global Wealth Management Disclaimer.**

## **UBS Global Research Disclaimer**

This document has been prepared by UBS Securities LLC, an affiliate of UBS AG. UBS AG, its subsidiaries, branches and affiliates, including former Credit Suisse AG and its subsidiaries, branches and affiliates are referred to herein as "UBS".

Any opinions expressed in this document may change without notice and are only current as of the date of publication. Different areas, groups, and personnel within UBS may produce and distribute separate research products independently of each other. For example, research publications from **UBS CIO** are produced by UBS Global Wealth Management. **UBS Global Research** is produced by UBS Investment Bank. Research methodologies and rating systems of each separate research organization may differ, for example, in terms of investment recommendations, investment horizon, model assumptions, and valuation methods. As a consequence, except for certain economic forecasts (for which UBS CIO and UBS Global Research may collaborate), investment recommendations, ratings, price targets, and valuations provided by each of the separate research organizations may be different, or inconsistent. You should refer to each relevant research product for the details as to their methodologies and rating system. Not all clients may have access to all products from every organization. Each research product is subject to the policies and procedures of the organization that produces it.

**This document is provided solely to recipients who are expressly authorized by UBS to receive it. If you are not so authorized you must immediately destroy the document.**

UBS Global Research is provided to our clients through UBS Neo, and in certain instances, UBS.com and any other system or distribution method specifically identified in one or more communications distributed through UBS Neo or UBS.com (each a system) as an approved means for distributing UBS Global Research. It may also be made available through third party vendors and distributed by UBS and/or third parties via e-mail or alternative electronic means.

All UBS Global Research is available on UBS Neo. Please contact your UBS sales representative if you wish to discuss your access to UBS Neo. Where UBS Global Research refers to "UBS Evidence Lab Inside" or has made use of data provided by UBS Evidence Lab and you would like to access that data please contact your UBS sales representative. UBS Evidence Lab data is available on UBS Neo. The level and types of services provided by UBS Global Research and UBS Evidence Lab to a client may vary depending upon various factors such as a client's individual preferences as to the frequency and manner of receiving communications, a client's risk profile and investment focus and perspective (e.g., market wide, sector specific, long-term, short-term, etc.), the size and scope of the overall client relationship with UBS Global Research and UBS Evidence Lab and legal and regulatory constraints. UBS HOLT and UBS Pharma Values are offerings of UBS Global Research. HOLT Lens is a corporate performance platform offering that provides an objective accounting-led framework for comparing and valuing companies and is available to clients of UBS Global Research; for further details and pricing please contact your UBS Sales representative. In particular, HOLT has a variety of warranted prices based on the scenario chosen; please mail UBS Securities LLC, 11 Madison Avenue, New York, NY 10010, USA, Attention: Investment Research, if you are interested in the warranted price on a particular company, again subject to commercial considerations. UBS Pharma Values is an analytical tool that involves the creation of a number of individual product net present value calculations, based on published forecasts of sales for pharmaceuticals, and is available to clients of UBS Global Research; for further details and pricing please contact your UBS Sales representative. For all other specific disclaimers, please see <https://www.ubs.com/disclosures>.

When you receive UBS Global Research through a system, your access and/or use of such UBS Global Research is subject to this UBS Global Research Disclaimer and to the UBS Neo Platform Use Agreement (the "Neo Terms") together with any other relevant terms of use governing the applicable System.

When you receive UBS Global Research via a third party vendor, e-mail or other electronic means, you agree that use shall be subject to this UBS Global Research Disclaimer, the Neo Terms and where applicable the UBS Investment Bank terms of business (<https://www.ubs.com/global/en/investment-bank/regulatory.html>) and to UBS's Terms of Use/Disclaimer (<https://www.ubs.com/global/en/legalinfo2/disclaimer.html>). In addition, you consent to UBS processing your personal data and using cookies in accordance with our Privacy Statement (<https://www.ubs.com/global/en/legalinfo2/privacy.html>) and cookie notice (<https://www.ubs.com/global/en/legal/privacy/users.html>).

**If you receive UBS Global Research, whether through a System or by any other means, you agree that you shall not copy, revise, amend, create a derivative work, provide to any third party, or in any way commercially exploit any UBS research provided via UBS Global Research or otherwise, and that you shall not extract data from any research or estimates provided to you via UBS Global Research or otherwise, without the prior written consent of UBS.**

In certain circumstances (including for example, if you are an academic or a member of the media) you may receive UBS Global Research otherwise than in the capacity of a client of UBS and you understand and agree that (i) the UBS Global Research is provided to you for information purposes only; (ii) for the purposes of receiving it you are not intended to be and will not be treated as a "client" of UBS for any legal or regulatory purpose; (iii) the UBS Global Research must not be relied on or acted upon for any purpose; and (iv) such content is subject to the relevant disclaimers that follow.

This document is for distribution only as may be permitted by law. It is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or would subject UBS to any registration or licensing requirement within such jurisdiction.

This document is a general communication and is educational in nature; it is not an advertisement nor is it a solicitation or an offer to buy or sell any financial instruments or to participate in any particular trading strategy. Nothing in this document constitutes a representation that any investment strategy or recommendation is suitable or appropriate to an investor's individual circumstances or otherwise constitutes a personal recommendation. By providing this document, none of UBS or its representatives has any responsibility or authority to provide or have provided investment advice in a fiduciary capacity or otherwise. Investments involve risks, and investors should exercise prudence and their own judgment in making their investment decisions. None of UBS or its representatives is suggesting that the recipient or any other person take a specific course of action or any action at all. The recipient should carefully read this document in its entirety and not draw inferences or conclusions from the rating alone. By receiving this document, the recipient acknowledges and agrees with the intended purpose described above and further disclaims any expectation or belief that the information constitutes investment advice to the recipient or otherwise purports to meet the investment objectives of the recipient. The financial instruments described in the document may not be eligible for sale in all jurisdictions or to certain categories of investors.

Options, structured derivative products and futures (including OTC derivatives) are not suitable for all investors. Trading in these instruments is considered risky and may be appropriate only for sophisticated investors. Prior to buying or selling an option, and for the complete risks relating to options, you must receive a copy of "The Characteristics and Risks of Standardized Options." You may read the document at <https://www.theocc.com/publications/risks/riskchap1.jsp> or ask your salesperson for a copy. Various theoretical explanations of the risks associated with these instruments have been published. Supporting documentation for any claims, comparisons, recommendations, statistics or other technical data will be supplied upon request. Past performance is not necessarily indicative of future results. Transaction costs may be significant in option strategies calling for multiple purchases and sales of options, such as spreads and straddles. Because of the importance of tax considerations to many options transactions, the investor considering options should consult with his/her tax advisor as to how taxes affect the outcome of contemplated options transactions.

Mortgage and asset-backed securities may involve a high degree of risk and may be highly volatile in response to fluctuations in interest rates or other market conditions. Foreign currency rates of exchange may adversely affect the value, price or income of any security or related instrument referred to in the document. For investment advice, trade execution or other enquiries, clients should contact their local sales representative.

UBS notes that no globally accepted framework or definition (legal, regulatory or otherwise) currently exists, nor is there a market consensus as to what constitutes an "ESG" (Environmental, Social or Governance) or an equivalent-label, or as to what precise attributes are required for the Information (as defined below) to be defined as ESG or equivalently-labelled. Any information, data or other content including from a third party source contained, referred to herein or used for whatsoever purpose by UBS or a third party ("Information"), in relation to any actual or potential ESG objective, issue or consideration is not intended to be relied upon for ESG classification, regulatory regime or industry initiative purposes ("ESG Regimes"). Nothing in these materials is intended to convey, suggest or indicate that UBS considers or represents any product, service, person or body mentioned in these materials as meeting or qualifying for any ESG classification, labelling or similar standards that may exist under the ESG Regimes. UBS has not conducted any assessment of compliance with ESG Regimes. Parties are reminded to make their own assessments for these purposes.

The value of any investment or income may go down as well as up, and investors may not get back the full (or any) amount invested. Past performance is not necessarily a guide to future performance. Neither UBS nor any of its directors, employees or agents accepts any liability for any loss (including investment loss) or damage arising out of the use of all or any of the Information.

Prior to making any investment or financial decisions, any recipient of this document or the information should take steps to understand the risk and return of the investment and seek individualized advice from his or her personal financial, legal, tax and other professional advisors that takes into account all the particular facts and circumstances of his or her investment objectives.

Any prices stated in this document are for information purposes only and do not represent valuations for individual securities or other financial instruments. There is no representation that any transaction can or could have been effected at those prices, and any prices do not necessarily reflect UBS's internal books and records or theoretical model-based valuations and may be based on certain assumptions. Different assumptions by UBS or any other source may yield substantially different results.

No representation or warranty, either expressed or implied, is provided in relation to the accuracy, completeness or reliability of the information contained in any materials to which this document relates (the "Information"), except with respect to Information concerning UBS. The Information is not intended to be a complete statement or summary of the securities, markets or developments referred to in the document. UBS does not undertake to update or keep current the Information. Any statements contained in this report attributed to a third party represent UBS's interpretation of the data, information and/or opinions provided by that third party either publicly or through a subscription service, and such use and interpretation have not been reviewed by the third party. In no circumstances may this document or any of the Information (including any forecast, value, index or other calculated amount ("Values")) be used for any of the following purposes:

- (i) valuation or accounting purposes;
- (ii) to determine the amounts due or payable, the price or the value of any financial instrument or financial contract; or
- (iii) to measure the performance of any financial instrument including, without limitation, for the purpose of tracking the return or performance of any Value or of defining the asset allocation of portfolio or of computing performance fees.

By receiving this document and the Information you will be deemed to represent and warrant to UBS that you will not use this document or any of the Information for any of the above purposes or otherwise rely upon this document or any of the Information.

UBS has policies and procedures, which include, without limitation, independence policies and permanent information barriers, that are intended, and upon which UBS relies, to manage potential conflicts of interest and control the flow of information within divisions of UBS and among its subsidiaries, branches and affiliates. For further information on the ways in which UBS Global Research manages conflicts and maintains independence of its research products, historical performance information and certain additional disclosures concerning UBS Global Research recommendations, please visit <https://www.ubs.com/disclosures>.

UBS Global Research will initiate, update and cease coverage solely at the discretion of UBS Global Research Management, which will also have sole discretion on the timing and frequency of any published research product. The analysis contained in this document is based on numerous assumptions. All material information in relation to published research reports, such as valuation methodology, risk statements, underlying assumptions (including sensitivity analysis of those assumptions), ratings history etc. as required by the Market Abuse Regulation, can be found on UBS Neo. Different assumptions could result in materially different results.

UBS Global Research may utilise artificial intelligence tools ("AI Tools") in the preparation of this document. Notwithstanding any such use of AI Tools, this document has undergone human review.

The analyst(s) responsible for the preparation of this document may interact with trading desk personnel, sales personnel and other parties for the purpose of gathering, applying and interpreting market information. UBS relies on information barriers to control the flow of information contained in one or more areas within UBS into other areas, units, groups or affiliates of UBS. The compensation of the analyst who prepared this document is determined exclusively by UBS Global Research management and senior management (not including investment banking). Analyst compensation is not based on investment banking revenues; however, compensation may relate to the revenues of UBS and/or its divisions as a whole, of which investment banking, sales and trading are a part, and UBS as a whole.

For financial instruments admitted to trading on an EU regulated market: UBS (excluding UBS Securities LLC) acts as a market maker or liquidity provider (in accordance with the interpretation of these terms under English law or, if not carried out by UBS in the UK the law of the relevant jurisdiction in which UBS determines it carries out the activity) in the financial instruments of the issuer save that where the activity of liquidity provider is carried out in accordance with the definition given to it by the laws and regulations of any other EU jurisdictions, such information is separately disclosed in this document. For financial instruments admitted to trading on a non-EU regulated market: UBS may act as a market maker save that where this activity is carried out in the US in accordance with the definition given to it by the relevant laws and regulations, such activity will be specifically disclosed in this document. UBS may have issued a warrant the value of which is based on one or more of the financial instruments referred to in the document. UBS and its affiliates and employees may have long or short positions, trade as principal and buy and sell in instruments or derivatives identified herein; such transactions or positions may be inconsistent with the opinions expressed in this document.

Within the past 12 months UBS may have received or provided investment services and activities or ancillary services as per MiFID II which may have given rise to a payment or promise of a payment in relation to these services from or to this company.

Please note that all transactions conducted by UBS are consistent with sanctions regulations imposed by Switzerland, the European Union, the United Nations, the United Kingdom and the United States, per UBS' global sanctions policy. UBS opinion as to future investment worthiness assumes no new sanctions are imposed.

US persons are prohibited from purchasing or selling securities of certain companies designated as being associated with the Chinese Military in accordance with the amended US Presidential Executive Order 13959.

**United Kingdom:** This material is distributed by UBS AG, London Branch to persons who are eligible counterparties or professional clients. UBS AG, London Branch is authorised by the Prudential Regulation Authority and subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. **Europe:** Except as otherwise specified herein, these materials are distributed by UBS Europe SE, a subsidiary of UBS AG, to persons who are eligible counterparties or professional clients (as detailed in the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin) Rules and according to MiFID) and are only available to such persons. The information does not apply to, and should not be relied upon by, retail clients. UBS Europe SE is authorised by the European Central Bank (ECB) and regulated by the BaFin and the ECB. **Germany, Luxembourg, the Netherlands, Belgium and Ireland:** Where an analyst of UBS Europe SE has contributed to this document, the document is also deemed to have been prepared by UBS Europe SE. In all cases it is distributed by UBS Europe SE and UBS AG, London Branch. **Turkey:** Distributed by UBS AG, London Branch. No information in this document is provided for the purpose of offering, marketing and sale by any means of any capital market instruments and services in the Republic of Turkey. Therefore, this document may not be considered as an offer made or to be made to residents of the Republic of Turkey. UBS AG, London Branch is not licensed by the Turkish Capital Market Board under the provisions of the Capital Market Law (Law No. 6362). Accordingly, neither this document nor any other offering material related to the instruments/services may be utilized in connection with providing any capital market services to persons within the Republic of Turkey without the prior approval of the Capital Market Board. However, according to article 15 (d) (ii) of the Decree No. 32, there is no restriction on the purchase or sale of the securities abroad by residents of the Republic of Turkey. **Poland:** Distributed by UBS Europe SE (spółka z ograniczoną odpowiedzialnością) Oddział w Polsce. Where an analyst of UBS Europe SE (spółka z ograniczoną odpowiedzialnością) Oddział w Polsce has contributed to this document, the document is also deemed to have been prepared by UBS Europe SE (spółka z ograniczoną odpowiedzialnością) Oddział w Polsce. **Russia:** Prepared and distributed by UBS Bank (OOO). Should not be construed as an individual investment Recommendation for the purpose of the Russian Law - Federal Law #39-FZ ON THE SECURITIES MARKET Articles 6.1-6.2. **Switzerland:** Distributed by UBS AG to persons who are institutional investors only. UBS AG is regulated by the Swiss Financial Market Supervisory Authority (FINMA). **Italy:** Prepared by UBS Europe SE and distributed by UBS Europe SE and UBS Europe SE, Italy Branch. Where an analyst of UBS Europe SE, Italy Branch has contributed to this document, the document is also deemed to have been prepared by UBS Europe SE, Italy Branch. **France:** Prepared by UBS Europe SE and distributed by UBS Europe SE and UBS Europe SE, France Branch. Where an analyst of UBS Europe SE, France Branch has contributed to this document, the document is also deemed to have been prepared by UBS Europe SE, France Branch. **Spain:** Prepared by UBS Europe SE and distributed by UBS Europe SE and UBS Europe SE, Spain Branch. Where an analyst of UBS Europe SE, Spain Branch has contributed to this document, the document is also deemed to have been prepared by UBS Europe SE, Spain Branch. **Sweden:** Prepared by UBS Europe SE and distributed by UBS Europe SE and UBS Europe SE, Sweden Branch. Where an analyst of UBS Europe SE, Sweden Branch has contributed to this document, the document is also deemed to have been prepared by UBS Europe SE, Sweden Branch. **South Africa:** Distributed by UBS South Africa (Pty) Limited (Registration No. 1995/011140/07), an authorised user of the JSE and an authorised Financial Services Provider (FSP 7328). **Saudi Arabia:** This document has been issued by UBS AG (and/or any of its subsidiaries, branches or affiliates), a public company limited by shares, incorporated in Switzerland with its registered offices at Aeschenvorstadt 1, CH-4051 Basel and Bahnhofstrasse 45, CH-8001 Zurich. This publication has been approved by UBS Saudi Arabia (a subsidiary of UBS AG), a Saudi closed joint stock company incorporated in the Kingdom of Saudi Arabia under commercial register number 1010257812 having its registered office at Tatweer Towers, P.O. Box 75724, Riyadh 11588, Kingdom of Saudi Arabia. UBS Saudi Arabia is authorized and regulated by the Capital Market Authority to conduct securities business under license number 08113-37. **UAE / Dubai:** The information distributed by UBS AG Dubai Branch is only intended for Professional Clients and/or Market Counterparties, as classified under the DFSA rulebook. No other person should act upon this material/communication. The information is not for further distribution within the United Arab Emirates. UBS AG Dubai Branch is regulated by the DFSA in the DIFC. UBS is not licensed to provide banking services in the UAE by the Central Bank of the UAE, nor is it licensed by the UAE Securities and Commodities Authority. **Israel:** This Material is distributed by UBS AG, London Branch. UBS Securities Israel Ltd is a licensed Investment Marketer that is supervised by the Israel Securities Authority (ISA). UBS AG, London Branch and its affiliates incorporated outside Israel are not licensed under the Israeli Advisory Law. UBS may engage among others in issuance of Financial Assets or in distribution of Financial Assets of other issuers for fees or other benefits. UBS AG, London Branch and its affiliates may prefer various Financial Assets to which they have or may have an Affiliation (as such term is defined under the Israeli Advisory Law). Nothing in this Material should be considered as investment advice under the Israeli Advisory Law. This Material is being issued only to and/or is directed only at persons who are Eligible Clients within the meaning of the Israeli Advisory Law, and this Material must not be furnished to, relied on or acted upon by any other persons. **United States:** Distributed to US persons by either UBS Securities LLC or by UBS Financial Services Inc., subsidiaries of UBS AG; or by a group, subsidiary or affiliate of UBS AG that is not registered as a US broker-dealer (a 'non-US affiliate') to major US institutional investors only. UBS Securities LLC or UBS Financial Services Inc. accepts responsibility for the content of a report prepared by another non-US affiliate when distributed to US persons by UBS Securities LLC or UBS Financial Services Inc. All transactions by a US person in the securities mentioned in this report must be effected through UBS Securities LLC or UBS Financial Services Inc., and not through a non-US affiliate. UBS Securities LLC is not acting as a municipal advisor to any municipal entity or obligated person within the meaning of Section 15B of the Securities Exchange Act (the "Municipal Advisor Rule"), and the opinions or views contained herein are not intended to be, and do not constitute, advice within the meaning of the Municipal Advisor Rule. **Canada:** Distributed by UBS Securities Canada Inc., a registered investment dealer in Canada

and a Member-Canadian Investor Protection Fund, or by another affiliate of UBS AG that is registered to conduct business in Canada or is otherwise exempt from registration. **Brazil:** Except as otherwise specified herein, this Material is prepared by UBS Brasil Corretora de Câmbio, Títulos e Valores Mobiliários S.A. (UBS Brasil CCTVM) to persons who are eligible investors residing in Brazil, which are considered to be Professional Investors (Investidores Profissionais), as designated by the applicable regulation, mainly the CVM Resolution No. 30 from the 11th of May 2021 (determines the duty to verify the suitability of products, services and transactions with regards to the client's profile). UBS Brasil CCTVM is a subsidiary of UBS BB Serviços de Assessoria Financeira e Participações S.A. ("UBS BB"). UBS BB is an association between UBS AG and Banco do Brasil (through its subsidiary BB – Banco de Investimentos S.A.), of which UBS AG is the majority owner and which provides investment banking services and coverage in Brazil, Argentina, Chile, Paraguay, Peru and Uruguay. UBS Brasil CCTVM is regulated by the Comissão de Valores Mobiliários (CVM) and by the Central Bank of Brazil. Ombudsman: 0800-940-0266/ <https://www.ubs.com/br/pt/ubsbb-investment-bank/ombudsman.html>. UBS may hold relevant financial and commercial interest in relation to the company subject to this Research report. **Hong Kong:** Distributed by UBS Securities Asia Limited. Please contact local licensed persons of UBS Securities Asia Limited in respect of any matters arising from, or in connection with, the analysis or document. **Singapore:** Distributed by UBS Securities Pte. Ltd. [Co. Reg. No.: 198500648C] or UBS AG, Singapore Branch. Please contact UBS Securities Pte. Ltd., an exempt financial adviser under the Singapore Financial Advisers Act (Cap. 110); or UBS AG, Singapore Branch, an exempt financial adviser under the Singapore Financial Advisers Act (Cap. 110) and a wholesale bank licensed under the Singapore Banking Act (Cap. 19) regulated by the Monetary Authority of Singapore, in respect of any matters arising from, or in connection with, the analysis or document. The recipients of this document represent and warrant that they are accredited and institutional investors as defined in the Securities and Futures Act (Cap. 289). **Japan:** Distributed by UBS Securities Japan Co., Ltd. to professional investors (except as otherwise permitted). Where this report has been prepared by UBS Securities Japan Co., Ltd., UBS Securities Japan Co., Ltd. is the author, publisher and distributor of the report. Distributed by UBS AG, Tokyo Branch to Professional Investors (except as otherwise permitted) in relation to foreign exchange and other banking businesses when relevant. **Australia:** Clients of UBS AG: Distributed by UBS AG (ABN 47 088 129 613 and holder of Australian Financial Services License No. 231087). For all other recipients: Distributed by UBS Securities Australia Ltd (ABN 62 008 586 481 and holder of Australian Financial Services License No. 231098). This document contains general information and/or general advice only and does not constitute personal financial product advice. As such, the Information in this document has been prepared without taking into account any investor's objectives, financial situation or needs, and investors should, before acting on the Information, consider the appropriateness of the Information, having regard to their objectives, financial situation and needs. If the Information contained in this document relates to the acquisition, or potential acquisition of a particular financial product by a 'Retail' client as defined by section 761G of the Corporations Act 2001 where a Product Disclosure Statement would be required, the retail client should obtain and consider the Product Disclosure Statement relating to the product before making any decision about whether to acquire the product. **New Zealand:** Distributed by UBS New Zealand Ltd. UBS New Zealand Ltd is not a registered bank in New Zealand. You are being provided with this publication or material because you have indicated to UBS that you are a "wholesale client" within the meaning of section 5C of the Financial Advisers Act 2008 of New Zealand (Permitted Client). This publication or material is not intended for clients who are not Permitted Clients (non-permitted Clients). If you are a non-permitted Client you must not rely on this publication or material. If despite this warning you nevertheless rely on this publication or material, you hereby (i) acknowledge that you may not rely on the content of this publication or material and that any recommendations or opinions in such this publication or material are not made or provided to you, and (ii) to the maximum extent permitted by law (a) indemnify UBS and its associates or related entities (and their respective Directors, officers, agents and Advisors) (each a 'Relevant Person') for any loss, damage, liability or claim any of them may incur or suffer as a result of, or in connection with, your unauthorised reliance on this publication or material and (b) waive any rights or remedies you may have against any Relevant Person for (or in respect of) any loss, damage, liability or claim you may incur or suffer as a result of, or in connection with, your unauthorised reliance on this publication or material. **Korea:** Distributed in Korea by UBS Securities Pte. Ltd., Seoul Branch. This report may have been edited or contributed to from time to time by affiliates of UBS Securities Pte. Ltd., Seoul Branch. This material is intended for professional/institutional clients only and not for distribution to any retail clients. **Malaysia:** This material is authorized to be distributed in Malaysia by UBS Securities Malaysia Sdn. Bhd (Capital Markets Services License No.: CMSLA0063/2007). This material is intended for professional/institutional clients only and not for distribution to any retail clients. **India:** Distributed by UBS Securities India Private Ltd. (Corporate Identity Number U67120MH1996PTC097299) 2/F, 3 North Avenue, Maker Maxity, Bandra Kurla Complex, Bandra (East), Mumbai (India) 400051. Phone: +912261556000. It provides brokerage services bearing SEBI Registration Number: INZ000259830; Merchant Banking services bearing SEBI Registration Number: INM000013101; and Research Analyst services bearing SEBI Registration Number: INH000001204. Name of Compliance Officer Mr. Parameshwaran Shivaramakrishnan, Phone: +912261556151, Email: parameshwaran.s@ubs.com, Name of Grievance Officer Parameshwaran Shivaramakrishnan, Phone: +912261556151, Email: ol-ubs-sec-compliance@ubs.com Registration granted by SEBI, and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. UBS may have debt holdings or positions in the subject Indian company/companies. UBS may have financial interests (e.g. loan/derivative products, rights to or interests in investments, etc.) in the subject Indian company / companies from time to time. Within the past 12 months, UBS may have received compensation for non-investment banking securities-related services and/or non-securities services from the subject Indian company/companies. The subject company/companies may have been a client/clients of UBS during the 12 months preceding the date of distribution of the research report with respect to investment banking and/or non-investment banking securities-related services and/or non-securities services. With regard to information on associates, please refer to the Annual Report at: [https://www.ubs.com/global/en/about\\_ubs/investor\\_relations/annualreporting.html](https://www.ubs.com/global/en/about_ubs/investor_relations/annualreporting.html) **Taiwan:** Except as otherwise specified herein, this material may not be distributed in Taiwan. Information and material on securities/instruments that are traded in a Taiwan organized exchange is deemed to be issued and distributed by UBS Securities Pte. LTD., Taipei Branch, which is licensed and regulated by Taiwan Financial Supervisory Commission. Save for securities/instruments that are traded in a Taiwan organized exchange, this material should not constitute "recommendation" to clients or recipients in Taiwan for the covered companies or any companies mentioned in this document. No portion of the document may be reproduced or quoted by the press or any other person without authorisation from UBS. **Indonesia:** This report is being distributed by PT UBS Sekuritas Indonesia and is delivered by its licensed employee(s), including marketing/sales person, to its client. PT UBS Sekuritas Indonesia, having its registered office at Sequis Tower Level 22 unit 22-1, Jl.Jend. Sudirman, kav.71, SCBD lot 11B, Jakarta 12190. Indonesia, is a subsidiary company of UBS AG and licensed under Capital Market Law no. 8 year 1995, a holder of broker-dealer and underwriter licenses issued by the Capital Market and Financial Institution Supervisory Agency (now Otoritas Jasa Keuangan/OJK). PT UBS Sekuritas Indonesia is also a member of Indonesia Stock Exchange and supervised by Otoritas Jasa Keuangan (OJK). Neither this report nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens except in compliance with applicable Indonesian capital market laws and regulations. This report is not an offer of securities in Indonesia and may not be distributed within the territory of the Republic of Indonesia or to Indonesian citizens in circumstance which constitutes an offering within the meaning of Indonesian capital market laws and regulations.

The disclosures contained in research documents produced by UBS AG, London Branch or UBS Europe SE shall be governed by and construed in accordance with English law.

UBS specifically prohibits the redistribution of this document in whole or in part without the written permission of UBS and in any event UBS accepts no liability whatsoever for any redistribution of this document or its contents or the actions of third parties in this respect. Images may depict objects or elements that are protected by third party copyright, trademarks and other intellectual property rights. © UBS 2025. The key symbol and UBS are among the registered and unregistered trademarks of UBS. All rights reserved.

## Global Wealth Management Disclaimer

You receive this document in your capacity as a client of UBS Global Wealth Management. This publication has been distributed to you by UBS Switzerland AG (regulated by FINMA in Switzerland) or its affiliates ("**UBS**") with whom you have a banking relationship with. The full name of the distributing affiliate and its competent authority can be found in the country-specific disclaimer at the end of this document. UBS may utilise artificial intelligence tools ("AI Tools") in the preparation of this document. Notwithstanding any such use of AI Tools, this document has undergone human review.

The date and time of the first dissemination of this publication is the same as the date and time of its publication.

### Risk information:

You agree that you shall not copy, revise, amend, create a derivative work, provide to any third party, or in any way commercially exploit any UBS research, and that you shall not extract data from any research or estimates, without the prior written consent of UBS.

This document is for distribution only as may be permitted by law. It is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or would subject UBS to any registration or licensing requirement within such jurisdiction.

This document is **for your information only**; it is not an advertisement nor is it a solicitation or an offer to buy or sell any financial instruments or to participate in any particular trading strategy. Nothing in this document constitutes a representation that any investment strategy or recommendation is suitable or appropriate to an investor's individual circumstances or otherwise constitutes a personal recommendation. By providing this document, none of UBS or its representatives has any responsibility or authority to provide or have provided investment advice in a fiduciary capacity or otherwise. Investments involve risks, and investors should exercise prudence and their own judgment in making their investment decisions. None of UBS or its representatives is suggesting that the recipient or any other person take a specific course of action or any action at all. By receiving this document, the recipient acknowledges and agrees with the intended purpose described above and further disclaims any expectation or belief that the information constitutes investment advice to the recipient or otherwise purports to meet the investment objectives of the recipient. The financial instruments described in the document may not be eligible for sale in all jurisdictions or to certain categories of investors.

Options, derivative products and futures are not suitable for all investors, and trading in these instruments is considered risky. Mortgage and asset-backed securities may involve a high degree of risk and may be highly volatile in response to fluctuations in interest rates or other market conditions. Foreign currency rates of exchange may adversely affect the value, price or income of any security or related instrument referred to in the document. For investment advice, trade execution or other enquiries, clients



should contact their local sales representative.

The value of any investment or income may go down as well as up, and investors may not get back the full (or any) amount invested. Past performance is not necessarily a guide to future performance. Neither UBS nor any of its directors, employees or agents accepts any liability for any loss (including investment loss) or damage arising out of the use of all or any of the information (as defined below).

Prior to making any investment or financial decisions, any recipient of this document or the information should take steps to understand the risk and return of the investment and seek individualized advice from his or her personal financial, legal, tax and other professional advisors that takes into account all the particular facts and circumstances of his or her investment objectives.

Any prices stated in this document are for information purposes only and do not represent valuations for individual securities or other financial instruments. There is no representation that any transaction can or could have been effected at those prices, and any prices do not necessarily reflect UBS's internal books and records or theoretical model-based valuations and may be based on certain assumptions. Different assumptions by UBS or any other source may yield substantially different results.

No representation or warranty, either expressed or implied, is provided in relation to the accuracy, completeness or reliability of the information contained in any materials to which this document relates (the "Information"), except with respect to Information concerning UBS. The Information is not intended to be a complete statement or summary of the securities, markets or developments referred to in the document. UBS does not undertake to update or keep current the Information. Any opinions expressed in this document may change without notice and may differ or be contrary to opinions expressed by other business areas or groups, personnel or other representative of UBS. Any statements contained in this report attributed to a third party represent UBS's interpretation of the data, information and/or opinions provided by that third party either publicly or through a subscription service, and such use and interpretation have not been reviewed by the third party. In no circumstances may this document or any of the Information (including any forecast, value, index or other calculated amount ("Values")) be used for any of the following purposes: (i) valuation or accounting purposes; (ii) to determine the amounts due or payable, the price or the value of any financial instrument or financial contract; or (iii) to measure the performance of any financial instrument including, without limitation, for the purpose of tracking the return or performance of any Value or of defining the asset allocation of portfolio or of computing performance fees.

By receiving this document and the Information you will be deemed to represent and warrant to UBS that you will not use this document or any of the Information for any of the above purposes or otherwise rely upon this document or any of the Information.

UBS has policies and procedures, which include, without limitation, independence policies and permanent information barriers, that are intended, and upon which UBS relies, to manage potential conflicts of interest and control the flow of information within divisions of UBS (including between Global Wealth Management and UBS Global Research) and among its subsidiaries, branches and affiliates. For further information on the ways in which UBS manages conflicts and maintains independence of its research products, historical performance information and certain additional disclosures concerning UBS research recommendations, please visit <https://www.ubs.com/research-methodology>.

Research will initiate, update and cease coverage solely at the discretion of research management, which will also have sole discretion on the timing and frequency of any published research product. The analysis contained in this document is based on numerous assumptions. Different assumptions could result in materially different results.

The analyst(s) responsible for the preparation of this document may interact with trading desk personnel, sales personnel and other parties for the purpose of gathering, applying and interpreting market information. UBS relies on information barriers to control the flow of information contained in one or more areas within UBS into other areas, units, groups or affiliates of UBS. The compensation of the analyst who prepared this document is determined exclusively by research management and senior management (not including investment banking). Analyst compensation is not based on investment banking revenues; however, compensation may relate to the revenues of UBS and/or its divisions as a whole, of which investment banking, sales and trading are a part, and UBS's subsidiaries, branches and affiliates as a whole.

For financial instruments admitted to trading on an EU regulated market: UBS AG, its affiliates or subsidiaries (excluding UBS Securities LLC) acts as a market maker or liquidity provider (in accordance with the interpretation of these terms in the UK) in the financial instruments of the issuer save that where the activity of liquidity provider is carried out in accordance with the definition given to it by the laws and regulations of any other EU jurisdictions, such information is separately disclosed in this document. For financial instruments admitted to trading on a non-EU regulated market: UBS may act as a market maker save that where this activity is carried out in the US in accordance with the definition given to it by the relevant laws and regulations, such activity will be specifically disclosed in this document. UBS may have issued a warrant the value of which is based on one or more of the financial instruments referred to in the document. UBS and its affiliates and employees may have long or short positions, trade as principal and buy and sell in instruments or derivatives identified herein; such transactions or positions may be inconsistent with the opinions expressed in this document.

Options and futures are not suitable for all investors, and trading in these instruments is considered risky and may be appropriate only for sophisticated investors. Prior to buying or selling an option, and for the complete risks relating to options, you must receive a copy of "Characteristics and Risks of Standardized Options". You may read the document at <https://www.theocc.com/about/publications/character-risks.jsp> or ask your financial advisor for a copy.

Investing in structured investments involves significant risks. For a detailed discussion of the risks involved in investing in any particular structured investment, you must read the relevant offering materials for that investment. Structured investments are unsecured obligations of a particular issuer with returns linked to the performance of an underlying asset. Depending on the terms of the investment, investors could lose all or a substantial portion of their investment based on the performance of the underlying asset. Investors could also lose their entire investment if the issuer becomes insolvent. UBS does not guarantee in any way the obligations or the financial condition of any issuer or the accuracy of any financial information provided by any issuer. Structured investments are not traditional investments and investing in a structured investment is not equivalent to investing directly in the underlying asset. Structured investments may have limited or no liquidity, and investors should be prepared to hold their investment to maturity. The return of structured investments may be limited by a maximum gain, participation rate or other feature. Structured investments may include call features and, if a structured investment is called early, investors would not earn any further return and may not be able to reinvest in similar investments with similar terms. Structured investments include costs and fees which are generally embedded in the price of the investment. The tax treatment of a structured investment may be complex and may differ from a direct investment in the underlying asset. UBS and its employees do not provide tax advice. Investors should consult their own tax advisor about their own tax situation before investing in any securities.

**Important Information About Sustainable Investing Strategies:** Sustainable investing strategies aim to consider and incorporate environmental, social and governance (ESG) factors into investment process and portfolio construction. Strategies across geographies approach ESG analysis and incorporate the findings in a variety of ways. Incorporating ESG factors or Sustainable Investing considerations may inhibit the portfolio manager's ability to participate in certain investment opportunities that otherwise would be consistent with its investment objective and other principal investment strategies. The returns on a portfolio incorporating ESG factors or Sustainable Investing considerations may be lower or higher than portfolios where ESG factors, exclusions, or other sustainability issues are not considered by the portfolio manager, and the investment opportunities available to such portfolios may differ.

Within the past 12 months UBS Switzerland AG, its affiliates or subsidiaries may have received or provided investment services and activities or ancillary services as per MiFID II which may have given rise to a payment or promise of a payment in relation to these services from or to this company.

**Disclosures:** If you require detailed information on disclosures of interest or conflict of interest as required by Market Abuse Regulation please contact the mailbox [MAR\\_disclosure\\_twopager@ubs.com](mailto:MAR_disclosure_twopager@ubs.com). Please note that e-mail communication is unsecured.

**External Asset Managers / External Financial Consultants:** In case this research or publication is provided to an External Asset Manager or an External Financial Consultant, UBS expressly prohibits that it is redistributed by the External Asset Manager or the External Financial Consultant and is made available to their clients and/or third parties.

**Australia:** This document is provided by UBS Switzerland AG. UBS Switzerland AG does not hold an Australian Financial Services Licence (AFSL) and relies on an exemption to provide financial services to persons in Australia. This document is intended only for distribution to wholesale clients under the Corporations Act 2001 (Cth). UBS Switzerland AG is a related body corporate of UBS AG, Australia Branch and UBS Securities Australia Limited. This document may be distributed to clients by those entities, but it is provided by UBS Switzerland AG and is not provided under any of the other entities' AFSL. The information in this document is general in nature and is not intended to address the objectives, financial situation or needs of any particular individual or entity. Each recipient should consider their own objectives, financial situation or needs before acting on the advice and obtain the relevant Product Disclosure Statement (if required) before making any decision whether to acquire any product. In Australia, UBS entities, other than UBS AG, Australia Branch, are not authorized deposit-taking institutions for the purposes of the Banking Act 1959 (Cth.) and their obligations do not represent deposits or other liabilities of UBS AG, Australia Branch. UBS AG, Australia Branch does not guarantee or otherwise provide assurance in respect of the obligations of such UBS entities or the funds. An investor is exposed to investment risk including possible delays in repayment and loss of income and principal invested, as relevant. If you do not wish to receive marketing materials from UBS, please contact your UBS representative or the contact details listed in the Australia Privacy Notice: <https://www.ubs.com/global/en/legal/privacy.html>. Your personal data will be processed in accordance with this notice. **Bahrain:** This report is distributed by UBS AG, Bahrain Branch, authorized and regulated by the Central Bank of Bahrain (CBB) as an Investment Firm Category 2. Related financial services or products are only made available to professional clients and Accredited Investors, as defined by the CBB, and are not intended for any other persons. CBB has not reviewed, nor has it approved, this document or the marketing of any investment vehicle referred to herein in the Kingdom of Bahrain and is not responsible for the performance of any such investment vehicle. UBS AG, Bahrain Branch is located at Level 21, East Tower, Bahrain World Trade Centre, Manama, Kingdom of Bahrain. **Brazil:** This report is only intended for Brazilian residents who are directly purchasing or selling securities in the Brazil capital market through a local authorized institution. **Canada:** The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, solicitation of an offer to buy securities

described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada or, alternatively, pursuant to a dealer registration exemption. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. In Canada, this publication is distributed by UBS Investment Management Canada Inc. **China:** This report and any offering material such as term sheet, research report, other product or service documentation or any other information (the "Material") sent with this report was done so as a result of a request received by UBS from you and/or persons entitled to make the request on your behalf. Should you have received the material erroneously, UBS asks that you kindly delete it and inform UBS immediately. This report is prepared by UBS Switzerland AG or its offshore subsidiary or affiliate (collectively as "UBS Offshore"). UBS Offshore is an entity incorporated out of China and is not licensed, supervised or regulated in China to carry out banking or securities business. The recipient should not contact the analysts or UBS Offshore which produced this report for advice as they are not licensed to provide securities investment advice in China. UBS Investment Bank (including Research) has its own wholly independent research and views which at times may vary from the views of UBS Global Wealth Management. The recipient should not use this document or otherwise rely on any of the information contained in this report in making investment decisions and UBS takes no responsibility in this regard.

**Czech Republic:** UBS is not a licensed bank in the Czech Republic and thus is not allowed to provide regulated banking or investment services in the Czech Republic. This communication and/or material is distributed for marketing purposes and constitutes a "Commercial Message" under the laws of Czech Republic in relation to banking and/or investment services. Please notify UBS if you do not wish to receive any further correspondence. **Denmark:** This publication is not intended to constitute a public offer under Danish law. It is distributed only for information purposes to clients of UBS Europe SE, Denmark Branch, filial af UBS Europe SE, with place of business at Sankt Annæ Plads 13, 1250 Copenhagen, Denmark, registered with the Danish Commerce and Companies Agency, under No. 38 17 24 33. UBS Europe SE, Denmark Branch, filial af UBS Europe SE is subject to the joint supervision of the European Central Bank, the German Central Bank (Deutsche Bundesbank), the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, "BaFin"), as well as of the Danish Financial Supervisory Authority (Finanstilsynet), to which this publication has not been submitted for approval. UBS Europe SE is a credit institution constituted under German law in the form of a Societas Europaea, duly authorized by BaFin. **Egypt:** Securities or other investment products are not being offered or sold by UBS to the public in Egypt and they have not been and will not be registered with the Egyptian Financial Regulatory Authority (FRA). **France:** This publication is not intended to constitute a public offer under French law, it does not constitute a personal recommendation as it is distributed only for information purposes to clients of UBS Europe SE Succursale de France (a branch of UBS Europe SE), having its registered office at 39, rue du Colisée, 75008 Paris, France, registered with the "Registre du Commerce et des Sociétés" of Paris under N°844 425 629. UBS Europe SE Succursale de France is subject to the joint supervision of the European Central Bank, the German Central Bank (Deutsche Bundesbank), the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, "BaFin"), as well as of the French "Autorité de contrôle prudentiel et de résolution" and "Autorité des marchés financiers", to which this publication has not been submitted for approval. UBS Europe SE is a credit institution constituted under German law in the form of a Societas Europaea, duly authorized by BaFin. **Germany:** This publication is not intended to constitute a public offer under German law. It is distributed only for information purposes to clients of UBS Europe SE, Germany, with place of business at Bockenheimer Landstrasse 2-4, 60306 Frankfurt am Main. UBS Europe SE is a credit institution constituted under German law in the form of a Societas Europaea, duly authorized by the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, "BaFin") and supervised jointly by the European Central Bank, the German Central Bank (Deutsche Bundesbank) and BaFin, to which this publication has not been submitted for approval. **Hong Kong SAR:** This publication is distributed to clients of UBS AG Hong Kong Branch by UBS AG Hong Kong Branch, a licensed bank under the Hong Kong Banking Ordinance and a registered institution under the Securities and Futures Ordinance. UBS AG Hong Kong Branch is incorporated in Switzerland with limited liability. The contents of this material have not been reviewed by any regulatory authority in Hong Kong. **India:** Distributed by UBS Securities India Private Ltd. (Corporate Identity Number U67120MH1996PTC097299) 2/F, 3 North Avenue, Maker Maxity, Bandra Kurla Complex, Bandra (East), Mumbai (India) 400051. Phone: +912261556000. It provides brokerage services bearing SEBI Registration Number INZ000259830; Merchant Banking services bearing SEBI Registration Number: INM000013101 and Research Analyst services bearing SEBI Registration Number: INH000001204. Name of Compliance Officer Mr. Parameshwaran Shivaramakrishnan, Phone: +912261556151, Email: [parameshwaran.s@ubs.com](mailto:parameshwaran.s@ubs.com), Name of Grievance Officer Mr. Parameshwaran Shivaramakrishnan, Phone: +912261556151, Email: [ol-ubs-sec-compliance@ubs.com](mailto:ol-ubs-sec-compliance@ubs.com). Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. UBS AG, its affiliates or subsidiaries may have debt holdings or positions in the subject Indian company/companies. UBS AG, its affiliates or subsidiaries may have financial interests (e.g. like loan/derivative products, rights to or interests in investments, etc.) in the subject Indian company/companies from time to time. Within the past 12 months, UBS AG, its affiliates or subsidiaries may have received compensation for non-investment banking securities-related services and/or non-securities services from the subject Indian company/companies. The subject company/companies may have been a client/clients of UBS AG, its affiliates or subsidiaries during the 12 months preceding the date of distribution of the research report with respect to investment banking and/or non-investment banking securities-related services and/or non-securities services. With regard to information on associates, please refer to the Annual Report at: [https://www.ubs.com/global/en/about\\_ubs/investor\\_relations/annualreporting.html](https://www.ubs.com/global/en/about_ubs/investor_relations/annualreporting.html). **Indonesia:** This communication and any offering material term sheet, research report, other product or service documentation or any other information (the "Material") sent with this communication was done so as a result of a request received by UBS from you and/or persons entitled to make the request on your behalf. Should you have received the Material erroneously, UBS asks that you kindly delete/destroy the communication and Material and inform UBS immediately. The Material, where provided, was provided for your information only and is not to be further distributed without the consent of UBS. None of the Material has been registered or filed under the prevailing laws and with any financial or regulatory authority in your jurisdiction. The Material may not have been approved, disapproved, endorsed, registered or filed with any financial or regulatory authority in your jurisdiction. UBS has not, by virtue of the Material, made available, issued any invitation to subscribe for or to purchase any investment (including securities or products or futures contracts). The Material is neither an offer nor a solicitation to enter into any transaction or contract (including futures contracts) nor is it an offer to buy or to sell any securities or products. The relevant investments will be subject to restrictions and obligations on transfer as set forth in the Material, and by receiving the Material you undertake to comply fully with such restrictions and obligations. You should carefully study and ensure that you understand and exercise due care and discretion in considering your investment objective, risk appetite and personal circumstances against the risk of the investment. You are advised to seek independent professional advice in case of doubt. Any and all advice provided on and/or trades executed by UBS pursuant to the Material will only have been provided upon your specific request or executed upon your specific instructions, as the case may be, and may be deemed as such by UBS and you. **Israel:** UBS is a premier global financial firm offering wealth management, asset management and investment banking services from its headquarters in Switzerland and its operations in over 50 countries worldwide to individual, corporate and institutional investors. This publication is intended for information only and is not intended as an offer or solicitation of an offer. Furthermore, this publication is not intended as an investment advice. Nothing contrary to the above, no action has been, or will be, taken in Israel that would permit an offering of the product(s) mentioned in this document or a distribution of this document to the public in Israel. In particular, this document has not been reviewed or approved by the Israeli Securities Authority. The product(s) mentioned in this document is/are being offered to a limited number of sophisticated investors who qualify as one of the investors listed in the first supplement to the Israeli Securities Law, 5728-1968. This document may not be reproduced or used for any other purpose, nor be furnished to any other person other than those to whom copies have been sent. Anyone who purchases the product(s) mentioned herein shall do so for its own benefit and for its own account and not with the aim or intention of distributing or offering the product(s) to other parties. Anyone who purchases the product(s) shall do so in accordance with its own understanding and discretion and after it has received any relevant financial, legal, business, tax or other advice or opinion required by it in connection with such purchase(s). The word "advice" and/or any of its equivalent terms shall be read and construed in conjunction with the definition of the term "investment marketing" as defined under the Israeli Regulation of Investment Advice, Investment Marketing and Portfolio Management Law. The Swiss laws and regulations require a number of mandatory disclosures to be made in independent financial research reports or recommendations. Pursuant to the Swiss Financial Market Infrastructure Act and the Financial Market Infrastructure Ordinance-FINMA, banks must disclose the percentage of voting rights they hold in companies being researched, if these holdings are equal to or exceed the statutory thresholds. In addition, the Directives on the Independence of Financial Research, issued by the Swiss Bankers Association, mandate a number of disclosures, including the disclosure of potential conflicts of interest, the participation within previous 12 months in any securities issues on behalf of the company being researched, as well as the fact that remuneration paid to the financial analysts is based generally upon the performance of (i) the new issues department or investment banking; or (ii) securities trading performance (including proprietary trading) or sales. **Italy:** This publication is not intended to constitute a public offer under Italian law. It is distributed only for information purposes to clients of UBS Europe SE, Succursale Italia, with place of business at Via del Vecchio Politecnico, 3-20121 Milano. UBS Europe SE, Succursale Italia is subject to the joint supervision of the European Central Bank, the German Central Bank (Deutsche Bundesbank), the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, "BaFin"), as well as of the Bank of Italy (Banca d'Italia) and the Italian Financial Markets Supervisory Authority (CONSOB - Commissione Nazionale per le Società e la Borsa), to which this publication has not been submitted for approval. UBS Europe SE is a credit institution constituted under German law in the form of a Societas Europaea, duly authorized by BaFin. **Jersey:** UBS AG, Jersey Branch, is regulated and authorized by the Jersey Financial Services Commission for the conduct of banking, funds and investment business. Where services are provided from outside Jersey, they will not be covered by the Jersey regulatory regime. UBS AG, Jersey Branch is a branch of UBS AG a public company limited by shares, incorporated in Switzerland whose registered offices are at Aeschenvorstadt 1, CH-4051 Basel and Bahnhofstrasse 45, CH 8001 Zurich. UBS AG, Jersey Branch's principal place of business is 1, IFC Jersey, St Helier, Jersey, JE2 3BX. **Luxembourg:** This publication is not intended to constitute a public offer under Luxembourg law. It is distributed only for information purposes to clients of UBS Europe SE, Luxembourg Branch ("UBS Luxembourg"), R.C.S. Luxembourg n° B209123, with registered office at 33A, Avenue J. F. Kennedy, L-1855 Luxembourg. UBS Europe SE is a credit institution constituted under German law in the form of a Societas Europaea (HRB n° 107046), with registered office at Bockenheimer Landstrasse 2-4, D-60306 Frankfurt am Main, Germany, duly authorized by the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, "BaFin") and subject to the joint prudential supervision of BaFin, the European Central Bank and the central bank of Germany (Deutsche Bundesbank). UBS Luxembourg is furthermore supervised by the Luxembourg prudential supervisory authority (Commission de Surveillance du Secteur Financier), in its role as host member state authority. This publication has not been submitted for



approval to any public supervisory authority. **Malaysia:** This communication and any offering material term sheet, research report, other product or service documentation or any other information (the "Material") sent with this communication was done so as a result of a request received by UBS from you and/or persons entitled to make the request on your behalf. Should you have received the Material erroneously, UBS asks that you kindly delete/destroy the communication and Material and inform UBS immediately. The Material, where provided, was provided for your information only and is not to be further distributed in whole or in part in or into your jurisdiction without the consent of UBS. The Material may not have been reviewed, approved, disapproved, endorsed, registered or filed with any financial or regulatory authority in your jurisdiction. UBS has not, by virtue of the Material, made available, issued any invitation to subscribe for or to purchase any investment (including securities or derivatives products). The Material is neither an offer nor a solicitation to enter into any transaction or contract (including future contracts) nor is it an offer to buy or to sell any securities or derivatives products. The relevant investments will be subject to restrictions and obligations on transfer as set forth in the Material, and by receiving the Material you undertake to comply fully with such restrictions and obligations. You should carefully study and ensure that you understand and exercise due care and discretion in considering your investment objective, risk appetite and personal circumstances against the risk of the investment. You are advised to seek independent professional advice in case of doubt. Any and all advice provided on and/or trades executed by UBS pursuant to the Material will only have been provided upon your specific request or executed upon your specific instructions, as the case may be, and may be deemed as such by UBS and you. **Mexico:** This information is distributed by UBS Asesores México, S.A. de C.V. ("UBS Asesores"), an affiliate of UBS Switzerland AG, incorporated as a non-independent investment advisor under the Mexican regulation due to the relation with a Foreign Bank. UBS Asesores is registered under number 30060-001-(14115)-21/06/2016 and subject to the supervision of the Mexican Banking and Securities Commission ("CNBV") exclusively regarding the rendering of (i) portfolio management services, (ii) securities investment advisory services, analysis and issuance of individual investment recommendations, and (iii) anti-money laundering and terrorism financing matters. This UBS publication or any material related thereto is addressed only to Sophisticated or Institutional Investors located in Mexico. Research reports only reflect the views of the analysts responsible for the report. The compensation of the analyst(s) who prepared this report is determined exclusively by research management and senior management of any entity of UBS Group to which such analyst(s) render(s) services. **Monaco:** This document is not intended to constitute a public offering or a comparable solicitation under the Principality of Monaco laws, but might be made available for information purposes to clients of UBS (Monaco) S.A., a regulated bank having its registered office at 2 avenue de Grande Bretagne 98000 Monaco operating under a banking license granted by the "Autorité de Contrôle Prudentiel et de Résolution" (ACPR) and the Monegasque government which authorizes the provision of banking services in Monaco. UBS (Monaco) S.A. is also licensed by the "Commission de Contrôle des Activités Financières" (CCAF) to provide investment services in Monaco. The latter has not approved this publication. **Philippines:** This communication was done so as a result of a request received by UBS from you and/or persons entitled to make the request on your behalf. Should you have received the Material erroneously, UBS asks that you kindly delete/destroy the communication and Material and inform UBS immediately. The Material, where provided, was provided for your information only and is not to be further distributed in whole or in part in or into your jurisdiction without the consent of UBS. The Material may not have been reviewed, approved, disapproved, endorsed, registered or filed with any financial or regulatory authority in your jurisdiction. UBS has not, by virtue of the Material, made available, issued any invitation to subscribe for or to purchase any investment (including securities or derivatives products). The Material is neither an offer nor a solicitation to enter into any transaction or contract (including future contracts) nor is it an offer to buy or to sell any securities or derivatives products. The relevant investments will be subject to restrictions and obligations on transfer as set forth in the Material, and by receiving the Material you undertake to comply fully with such restrictions and obligations. You should carefully study and ensure that you understand and exercise due care and discretion in considering your investment objective, risk appetite and personal circumstances against the risk of the investment. You are advised to seek independent professional advice in case of doubt. Any and all advice provided on and/or trades executed by UBS pursuant to the Material will only have been provided upon your specific request or executed upon your specific instructions, as the case may be, and may be deemed as such by UBS and you. **Portugal:** UBS Switzerland AG is not licensed to conduct banking and financial activities in Portugal nor is UBS Switzerland AG supervised by the Portuguese regulators (Bank of Portugal "Banco de Portugal" and Portuguese Securities Exchange Commission "Comissão do Mercado de Valores Mobiliários"). **Qatar:** UBS Qatar LLC is authorized by the Qatar Financial Centre Regulatory Authority, with QFC no. 01169, and has its registered office at 14th Floor, Burj Alfardan Tower, Building 157, Street No. 301, Area No. 69, Al Majdumi, Lusail, Qatar. UBS Qatar LLC neither offers any brokerage services nor executes any order with, for or on behalf of its clients. A client order will have to be placed with, and executed by, UBS Switzerland AG in Switzerland or an affiliate of UBS Switzerland AG, that is domiciled outside Qatar. It is in the sole discretion of UBS Switzerland AG in Switzerland or its affiliate to accept or reject an order and UBS Qatar LLC does not have authority to provide a confirmation in this respect. UBS Qatar LLC may however communicate payment orders and investment instructions to UBS Switzerland AG in Switzerland for receipt, acceptance and execution. UBS Qatar LLC is not authorized to act for and on behalf of UBS Switzerland AG or an affiliate of UBS Switzerland AG. This document and any attachments hereto are intended for eligible counterparties and business customers only. **Russia:** This document or information contained therein is for information purposes only and constitutes neither a public nor a private offering, is not an invitation to make offers, to sell, exchange or otherwise transfer any financial instruments in the Russian Federation to or for the benefit of any Russian person or entity and does not constitute an advertisement or offering of securities in the Russian Federation within the meaning of Russian securities laws. The information contained herein is not an "individual investment recommendation" as defined in Federal Law of 22 April 1996 No 39-FZ "On Securities Market" (as amended) and the financial instruments and operations specified herein may not be suitable for your investment profile or your investment goals or expectations. The determination of whether or not such financial instruments and operations are in your interests or are suitable for your investment goals, investment horizon or the acceptable risk level is your responsibility. We assume no liability for any losses connected with making any such operations or investing into any such financial instruments and we do not recommend to use such information as the only source of information for making an investment decision. **Saudi Arabia:** UBS Saudi Arabia is authorised and regulated by the Capital Market Authority to conduct securities business under licence number 08113-37. **Singapore:** Where applicable, this material is distributed in Singapore by UBS AG, Singapore Branch, which is licensed by the Monetary Authority of Singapore under the Banking Act 1970 to carry on banking business. UBS AG is incorporated in Switzerland with limited liability. UBS AG has a branch registered in Singapore (UEN S98FC5560C). This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (each as defined under the Financial Advisers Regulations (the "FAR")) only. By virtue of your status as an institutional investor, accredited investor, or expert investor, UBS AG is exempted from complying with certain requirements under the Financial Advisers Act 2001 (the "FAA"), the FAR and the relevant Notices and Guidelines issued thereunder, in respect of any financial advisory service which UBS AG may provide to you. These include exemptions from complying with: Section 34 of the FAA (pursuant to Regulation 33(1) of the FAR); Section 36 of the FAA (pursuant to Regulation 34(1) of the FAR); and Section 45 of the FAA (pursuant to Regulation 35(1) of the FAR). Singapore recipients and clients of UBS AG, Singapore Branch should contact UBS AG, Singapore Branch for any matters arising from, or in connection with, this material. Where applicable, this communication and any offering material term sheet, research report, other product or service documentation or any other information (the "Material") sent with this communication was done so as a result of a request received by UBS from you and/or persons entitled to make the request on your behalf. Should you have received the Material erroneously, UBS asks that you kindly delete/destroy the communication and Material and inform UBS immediately. The Material, where provided, was provided for your information only and is not to be further distributed in whole or in part in or into your jurisdiction without the consent of UBS. The Material may not have been reviewed, approved, disapproved or endorsed by any financial or regulatory authority in your jurisdiction. UBS has not, by virtue of the Material, made available, issued any invitation to subscribe for or to purchase any investment (including securities or products or futures contracts). The Material is neither an offer nor a solicitation to enter into any transaction or contract (including future contracts) nor is it an offer to buy or to sell any securities or products. The relevant investments will be subject to restrictions and obligations on transfer as set forth in the Material, and by receiving the Material you undertake to comply fully with such restrictions and obligations. You should carefully study and ensure that you understand and exercise due care and discretion in considering your investment objective, risk appetite and personal circumstances against the risk of the investment. You are advised to seek independent professional advice in case of doubt. Any and all advice provided on and/or trades executed by UBS pursuant to the Material will only have been provided upon your specific request or executed upon your specific instructions, as the case may be, and may be deemed as such by UBS and you. **Spain:** This report is distributed in Spain by UBS AG, Sucursal en España, authorized under number 1460 in the Register by the Banco de España. **Sweden:** This publication is not intended to constitute a public offer under Swedish law. It is distributed only for information purposes to clients of UBS Europe SE, Sweden Bankfilial, with place of business at Regeringsgatan 38, 11153 Stockholm, Sweden, registered with the Swedish Companies Registration Office under Reg. No 516406-1011. UBS Europe SE, Sweden Bankfilial is subject to the joint supervision of the European Central Bank, the German Central Bank (Deutsche Bundesbank), the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht, "BaFin"), as well as of the Swedish supervisory authority (Finansinspektionen), to which this publication has not been submitted for approval. UBS Europe SE is a credit institution constituted under German law in the form of a Societas Europaea, duly authorized by BaFin. **Taiwan:** This material is provided by UBS AG, Taipei Branch in accordance with laws of Taiwan, in agreement with or at the request of clients/prospects. **Thailand:** This communication and any offering material, term sheet, research report, other product or service documentation or any other information (the "Material") sent with this communication were done so as a result of a request received by UBS from you and/or persons entitled to make the request on your behalf. Should you have received the Material erroneously, UBS asks that you kindly delete/destroy the communication and Material and inform UBS immediately. The Material, where provided, was provided for your information only and is not to be further distributed in whole or in part in or into your jurisdiction without the consent of UBS. The Material may not have been reviewed, approved, disapproved, endorsed, registered or filed with any financial or regulatory authority in your jurisdiction. UBS has not, by virtue of the Material, made available, issued any invitation to subscribe for or to purchase any investment (including securities or derivatives products). The Material is neither an offer nor a solicitation to enter into any transaction or contract (including future contracts) nor is it an offer to buy or to sell any securities or derivatives products. The relevant investments will be subject to restrictions and obligations on transfer as set forth in the Material, and by receiving the Material you undertake to comply fully with such restrictions and obligations. You should carefully study and ensure that you understand and exercise due care and discretion in considering your investment objective, risk appetite and personal circumstances against the risk of the investment. You are advised to seek independent professional advice in case of doubt. Any and all advice provided on and/or trades executed by UBS pursuant to the Material will only have been provided upon your specific request or executed upon your specific instructions, as the case may be, and may be deemed as such by UBS and you. **Türkiye:** The information in this document is not provided for the purpose of offering, marketing or sale of any capital market instrument or service in the Republic of Türkiye. Therefore, this document may not be considered as an offer made, or to be made, to residents of the Republic of Türkiye in the Republic of Türkiye. UBS Switzerland AG is not licensed by the Capital Markets Board of Türkiye (the CMB) under the provisions of the Capital Market Law (Law No. 6362). Accordingly, neither this document nor any other offering material related to the instrument/service may be utilized in connection with providing any capital market services to persons within the Republic of Türkiye without the prior approval of the CMB. However, according to article 15 (d) (ii) of the Decree No. 32 residents of the Republic of Türkiye are allowed to purchase or sell the financial instruments traded

in financial markets outside of the Republic of Türkiye. Further to this, pursuant to article 9 of the Communiqué on Principles Regarding Investment Services, Activities and Ancillary Services No. III-37.1, investment services provided abroad to residents of the Republic of Türkiye based on their own initiative are not restricted. **United Arab Emirates (UAE) / DIFC:** UBS is not a financial institution licensed in the UAE by the Central Bank of the UAE nor by the Emirates' Securities and Commodities Authority and does not undertake banking activities in the UAE. This document is provided for your information only and does not constitute financial advice. DIFC: UBS AG Dubai Branch is licensed by the DFSA in the DIFC. This material is strictly intended for Professional Clients and/or Market Counterparties only as classified under the DFSA rulebook. No other person should act upon this material. The Investment Research is provided for information purposes only and is not a recommendation or offer to buy/sell/hold a particular investment. The investment research may be out of date. You should seek investment advice before acting on the basis of the investment research. **United Kingdom:** This document is issued by UBS Wealth Management, a division of UBS AG which is authorised and regulated by the Financial Market Supervisory Authority in Switzerland. In the United Kingdom, UBS AG is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of regulation by the Prudential Regulation Authority are available from us on request. A member of the London Stock Exchange. This publication is distributed to retail clients of UBS Wealth Management. **Ukraine:** UBS is not registered and licensed as a bank/financial institution under Ukrainian legislation and does not provide banking and other financial services in Ukraine. UBS has not made, and will not make, any offer of the mentioned products to the public in Ukraine. No action has been taken to authorize an offer of the mentioned products to the public in Ukraine and the distribution of this document shall not constitute financial services for the purposes of the Law of Ukraine "On Financial Services and Financial Companies" dated 14 December 2021. Any offer of the mentioned products shall not constitute an investment advice, public offer, circulation, transfer, safekeeping, holding or custody of securities in the territory of Ukraine. Accordingly, nothing in this document or any other document, information or communication related to the mentioned products shall be interpreted as containing an offer, a public offer or invitation to offer or to a public offer, or solicitation of securities in the territory of Ukraine or investment advice under Ukrainian law. Electronic communication must not be considered as an offer to enter into an electronic agreement or other electronic instrument within the meaning of the Law of Ukraine "On Electronic Commerce" dated 3 September 2015. This document is strictly for private use by its holder and may not be passed on to third parties or otherwise publicly distributed. **USA:** Distributed to US persons only by UBS Financial Services Inc. or UBS Securities LLC, subsidiaries of UBS AG. UBS Switzerland AG, UBS Europe SE, UBS Bank, S.A., UBS Brasil Administradora de Valores Mobiliários Ltda., UBS Asesores México, S.A. de C.V., UBS SuMi TRUST Wealth Management Co., Ltd., UBS Wealth Management Israel Ltd. and UBS Menkul Degerler AS are affiliates of UBS AG. **UBS Financial Services Inc. accepts responsibility for the content of a report prepared by a non-US affiliate when it distributes reports to US persons. All transactions by a US person in the securities mentioned in this report should be effected through a US-registered broker dealer affiliated with UBS, and not through a non-US affiliate. The contents of this report have not been and will not be approved by any securities or investment authority in the United States or elsewhere. UBS Financial Services Inc. is not acting as a municipal advisor to any municipal entity or obligated person within the meaning of Section 15B of the Securities Exchange Act (the "Municipal Advisor Rule") and the opinions or views contained herein are not intended to be, and do not constitute, advice within the meaning of the Municipal Advisor Rule.** For information on the ways in which UBS Securities LLC manages conflicts and maintains independence of its UBS Global Research product; historical performance information; certain additional disclosures concerning UBS Global Research recommendations; and terms and conditions for certain third party data used in research report, please visit <https://www.ubs.com/disclosures>.

© UBS 2025. The key symbol and UBS are among the registered and unregistered trademarks of UBS. All rights reserved.

#### Credit Suisse Wealth Management Disclaimer

This disclaimer must be read in conjunction with "Risk information" and "Important Information About Sustainable Investing Strategies" sections of the Global Wealth Management Disclaimer above. You receive this document in your capacity as a client of Credit Suisse Wealth Management. Your personal data will be processed in accordance with the Credit Suisse privacy statement accessible at your domicile through the official Credit Suisse website <https://www.credit-suisse.com>. In order to provide you with marketing materials concerning our products and services, UBS Group AG and its subsidiaries may process your basic personal data (i.e. contact details such as name, e-mail address) until you notify us that you no longer wish to receive them. You can optout from receiving these materials at any time by informing your Relationship Manager.

Except as otherwise specified herein and/or depending on the local Credit Suisse entity from which you are receiving this report, this report is distributed by UBS Switzerland AG, authorised and regulated by the Swiss Financial Market Supervisory Authority (FINMA). **Brazil:** This report is distributed in Brazil by Credit Suisse (Brasil) S.A. Corretora de Títulos e Valores Mobiliários or its affiliates ("Credit Suisse"). Pursuant to CVM Resolution No. 20/2021, of February 25, 2021, the author(s) of the report hereby certify(ies) that the views expressed in this report solely and exclusively reflect the personal opinions of the author(s) and have been prepared independently, including with respect to Credit Suisse and other UBS Group entities. Part of the author(s)'s compensation is based on various factors, including the total revenues of the relevant UBS Group entity of which they are in employment of, but no part of the compensation has been, is, or will be related to the specific recommendations or views expressed in this report. In addition, Credit Suisse declares that: Credit Suisse has provided, and/or may in the future provide investment banking, brokerage, asset management, commercial banking and other financial services to the subject company/companies or its affiliates, for which they have received or may receive customary fees and commissions, and which constituted or may constitute relevant financial or commercial interests in relation to the subject company/companies or the subject securities. **Japan:** This report is solely distributed in Japan by Credit Suisse Securities (Japan) Limited, Financial Instruments Dealer, Director-General of Kanto Local Finance Bureau (Kinsho) No. 66, a member of the Japan Securities Dealers Association, Financial Futures Association of Japan, Japan Investment Advisers Association, and Type II Financial Instruments Firms Association or UBS SuMi TRUST Wealth Management Co., Ltd, Financial Instruments Dealer, Director-General of Kanto Local Finance Bureau (Kinsho) No. 3233, a member of the Japan Securities Dealers Association, Financial Futures Association of Japan, Japan Investment Advisers Association. Neither Credit Suisse Securities (Japan) Limited nor UBS SuMi TRUST Wealth Management Co., Ltd will distribute or forward this report outside Japan. **Mexico:** This information is distributed by C. Suisse Asesoría México, S.A. de C.V. ("CS Asesores"), an affiliate of UBS Group AG, incorporated as a non-independent investment advisor under the Mexican regulation due to the relation with a Foreign Bank and its indirect relation with Grupo Financiero Credit Suisse (México), S.A. de C.V. CS Asesores is registered under number 30070-001-(14208)-10/10/2016 and subject to the supervision of the Mexican Banking and Securities Commission ("CNBV") exclusively regarding the rendering of (i) portfolio management services, (ii) securities investment advisory services, analysis and issuance of individual investment recommendations, and (iii) anti-money laundering and terrorism financing matters. This publication or any material related thereto is addressed only to Sophisticated or Institutional Investors located in Mexico. Research reports only reflect the views of the analysts responsible for the report. The compensation of the analyst(s) who prepared this report is determined exclusively by research management and senior management of any entity of UBS Group to which such analyst(s) render(s) services. **Qatar:** This information has been distributed by Credit Suisse (Qatar) L.L.C., which is duly authorized and regulated by the Qatar Financial Centre Regulatory Authority (QFCRA) under QFC License No. 00005. All related financial products or services will only be available to Business Customers or Market Counterparties (as defined by the QFCRA), including individuals, who have opted to be classified as a Business Customer, with net assets in excess of QR 4 million, and who have sufficient financial knowledge, experience and understanding to participate in such products and/or services. Therefore this information must not be delivered to, or relied on by, any other type of individual. **Saudi Arabia:** This information is being distributed by Credit Suisse Saudi Arabia (CR Number 1010228645), duly licensed and regulated by the Saudi Arabian Capital Market Authority pursuant to License Number 08104-37 dated 23/03/1429H corresponding to 21/03/2008AD. Credit Suisse Saudi Arabia's principal place of business is at King Khaled Road, Laysen Valley, Building number 6, 12329-2376, Riyadh, Saudi Arabia. Website: <https://www.credit-suisse.com/sa/en/cssa.html>. **South Africa:** This information is being distributed by Credit Suisse (UK) Limited which is registered as a financial services provider with the Financial Sector Conduct Authority in South Africa with FSP number 48779. **Türkiye:** The investment information, comments and recommendations contained herein are not within the scope of investment advisory activity. The investment advisory services are provided by the authorized institutions to the persons in a customized manner taking into account the risk and return preferences of the persons. Whereas, the comments and advices included herein are of general nature. Therefore recommendations may not be suitable for your financial status or risk and yield preferences. For this reason, making an investment decision only by relying on the information given herein may not give rise to results that fit your expectations. This report is distributed by Credit Suisse İstanbul Menkul Degerler Anonim Şirketi, regulated by the Capital Markets Board of Türkiye, with its registered address at Levazim Mahallesi, Koru Sokak No. 2 Zorlu Center Teraseler No. 61 34340 Beşiktaş/ İstanbul-Türkiye. **United Kingdom:** This document is distributed by Credit Suisse (UK) Limited. Credit Suisse (UK) Limited, is authorized by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. The registered address of Credit Suisse (UK) Limited is 5 Broadgate, London, EC2M 2QS.

© UBS 2025. The key symbol and UBS are among the registered and unregistered trademarks of UBS. All rights reserved.

