

**Deutsche Telekom
Investor presentation
August 2024**



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In addition to figures prepared in accordance with IFRS, Deutsche Telekom also presents alternative performance measures, including, among others, EBITDA, EBITDA margin, adjusted EBITDA, adjusted EBITDA after leases, adjusted EBITDA margin, Core EBITDA, adjusted EBIT, adjusted net income, free cash flow, free cash flow after leases, gross debt, net debt after leases and net debt. These alternative performance measures should be considered in addition to, but not as a substitute for, the information prepared in accordance with IFRS. Alternative performance measures are not subject to IFRS or any other generally accepted accounting principles. Other companies may define these terms in different ways.

H1 2024 results

Group

H1/24

consistent reliable growth

H1/2024 Highlights

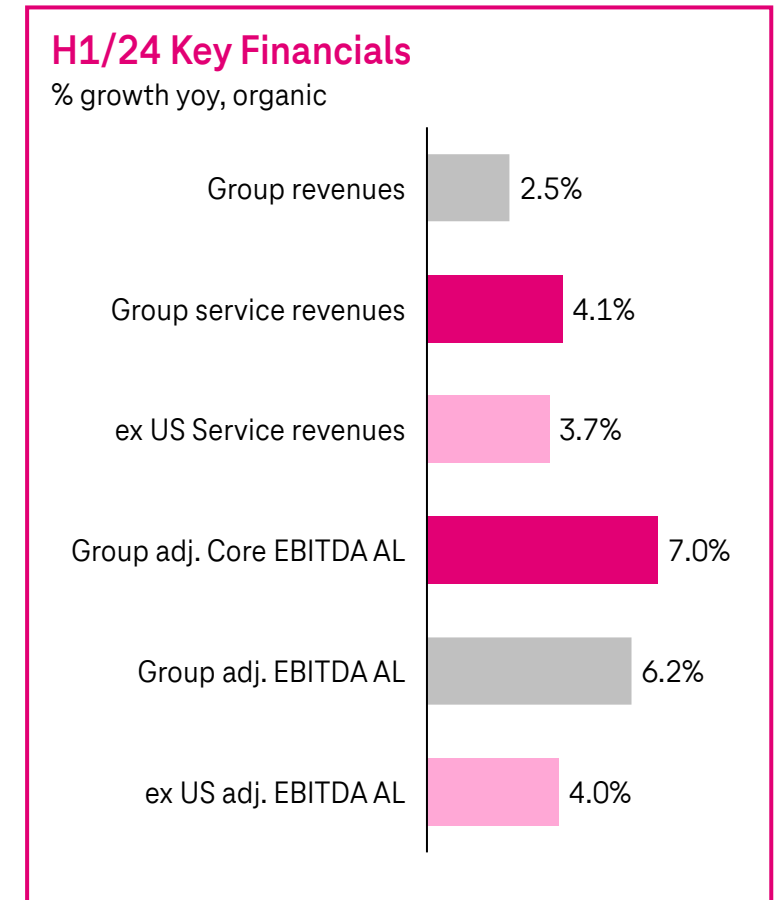
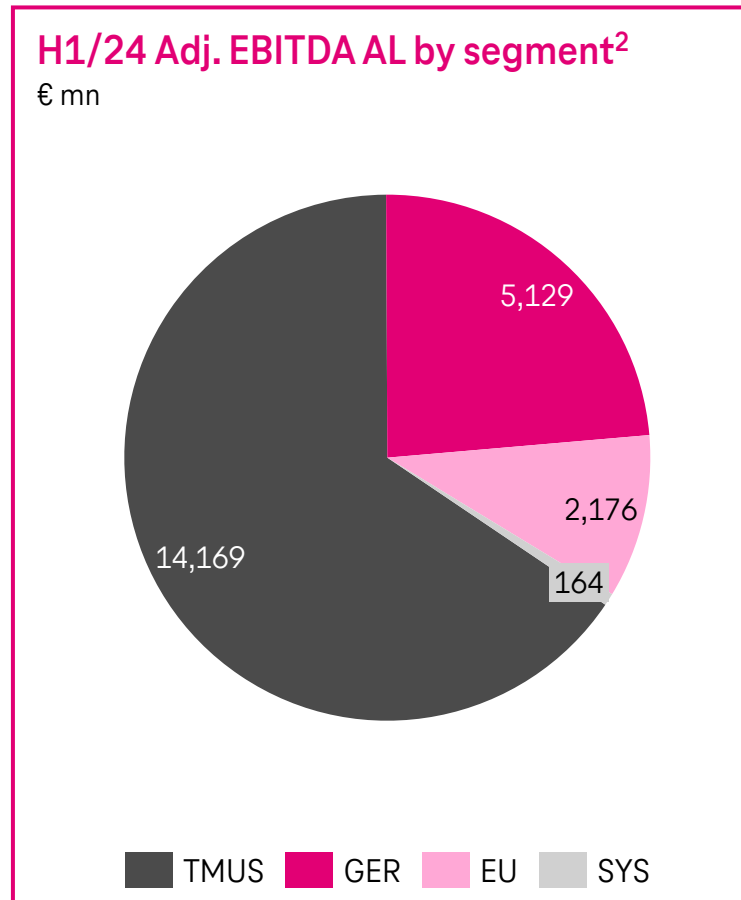
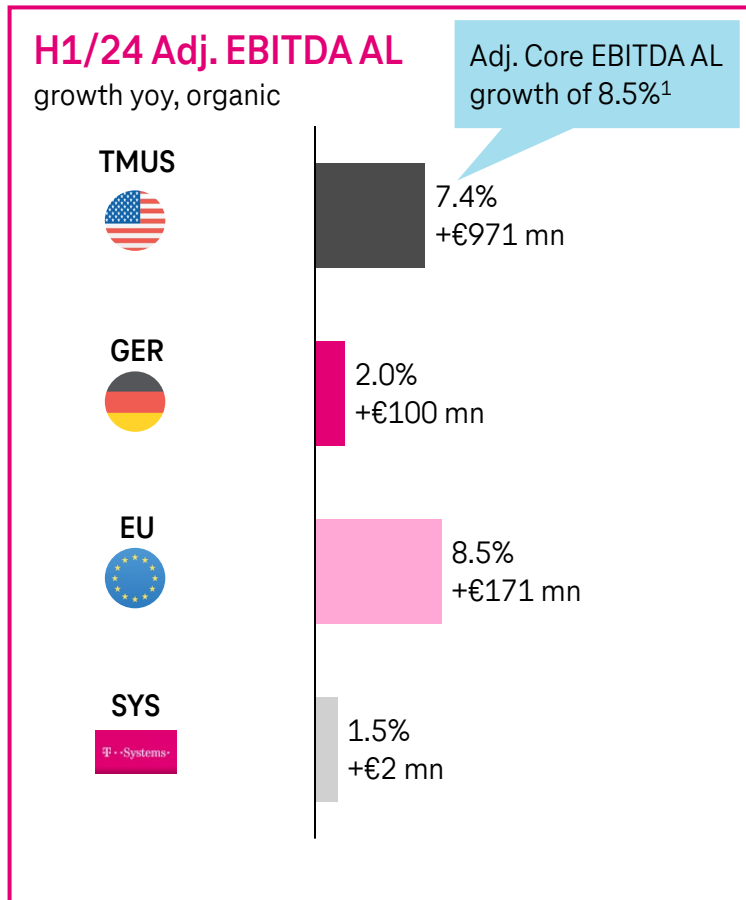
- Organic Growth: Group service revenues up 4.1%, Group adj. EBITDA AL up 6.2%, all segments contributing. FCF AL up 25.9%, adj. EPS up 23.0%¹
- US/GER/EU: Strong customer momentum continues. TMUS passes 100mn postpaid subs watermark
- GER with 31st, EU with 26th consecutive quarter of organic adj. EBITDA AL growth
- Improved outlook for TMUS reflected in guidance
- TMUS creates Fiber JV with EQT targeting 3.5 mn homes by 2028 and enters JV with KKR to acquire Metronet for additional 6.5 mn FTTH homes by 2030²
- TMUS announces acquisition of UScellular²
- Binding agreement with German government on utilization of Chinese equipment in mobile networks



¹FCF AL and adj. EPS growth rate as reported. ²Transactions subject to regulatory approval.

Financials H1/24 organic

strong organic growth



¹ according to IFRS. US GAAP growth is 8.7%. Adj. Core EBITDA excludes decreasing handset leasing revenues (US\$ -0.155 bn yoy). ² Excl. GHS & GD (-337 mn €). Group EBITDA AL €21,292 mn.

In this presentation the Group in H1/2023 is presented in accordance with the management view: certain key performance indicators like revenue and adj. EBITDA AL are presented as if GD Towers still would be fully consolidated.

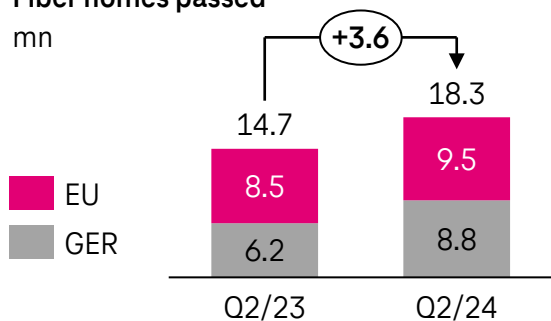
This view is different to the consolidated financial statements of DT where Group Development is treated as a discontinued operation. For more details, please refer to the back-up to this presentation, respectively the annual report of DT both available at www.telekom.com/en/investor-relations.

Networks

leading with 5G, FTTH on track

FTTH (1 Gbps)

Fiber homes passed
mn



GER

- Fiber: On track for >10mn HHs by YE
- DT tested as best nationwide fixed network by Connect.

EU

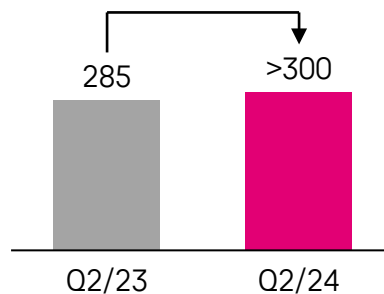
- On track for >10 mn HHs with 1 Gbps by YE 2024. Coverage now at 37% of HHs

USA

- Fiber JV with EQT targeting 3.5mn homes by 2028. JV with KKR targeting 6.5mn FTTH homes by 2030²

5G TMUS

Ultra capacity 5G¹
mn POPs



Network Leader

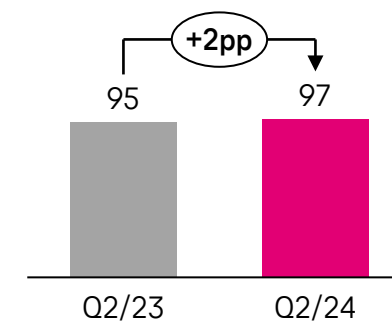
- Swept every category for overall network performance in the latest OpenSignal and Ookla test. According to OpenSignal, TMUS's DL speeds are up to 3 times as fast as peers, alongside having nearly 6 times the 5G availability as our next closest competitor

5G

- 87% of 5G traffic carried on sites with all three spectrum layers, delivering an incredibly consistent network experience

5G ex US

Germany
% of POPs



GER

- Telekom wins Chip magazine German mobile network test: Superior 5G DL speed of 374Mbit/s at DT vs. 206/190 Mbit/s in the two competing nationwide networks.

EU

- Roll-out of 5G coverage: 72% POP coverage end of Q2/24. Up 13 pp since Q2/23

¹ Ultra capacity on mid band spectrum. ² Transactions subject to regulatory approval

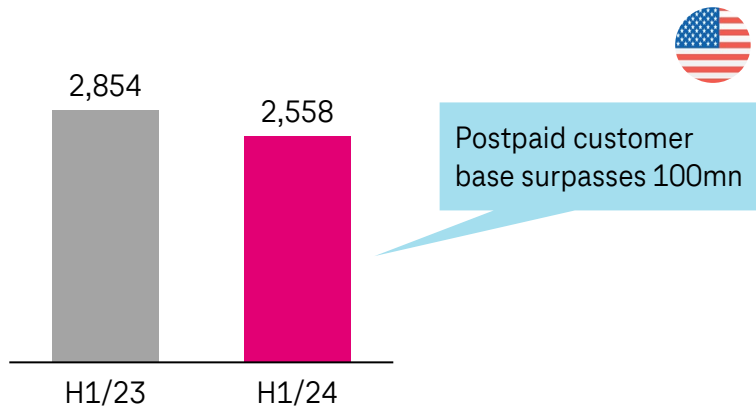
Customers

growing strongly

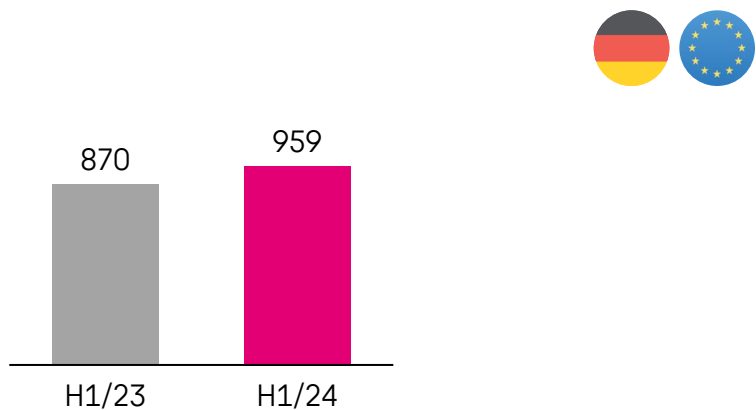
Mobile net adds

000

US (postpaid)



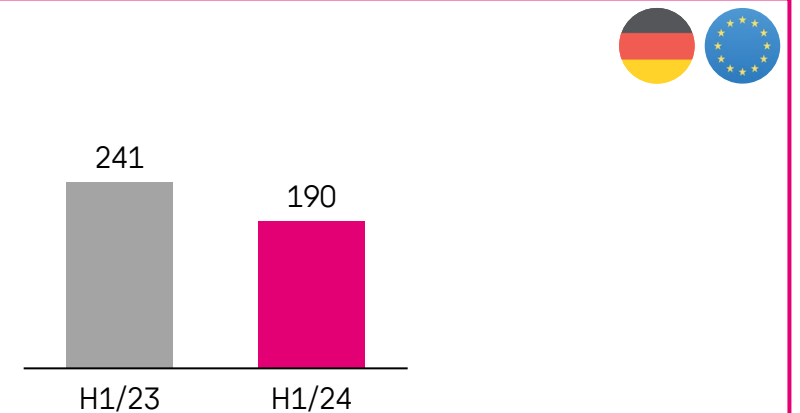
Ex US (contract)¹



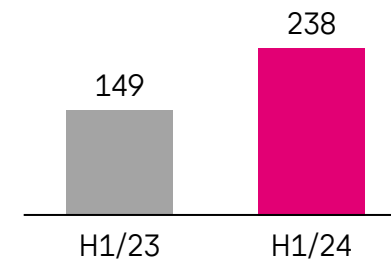
Fixed line net adds²

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Broadband



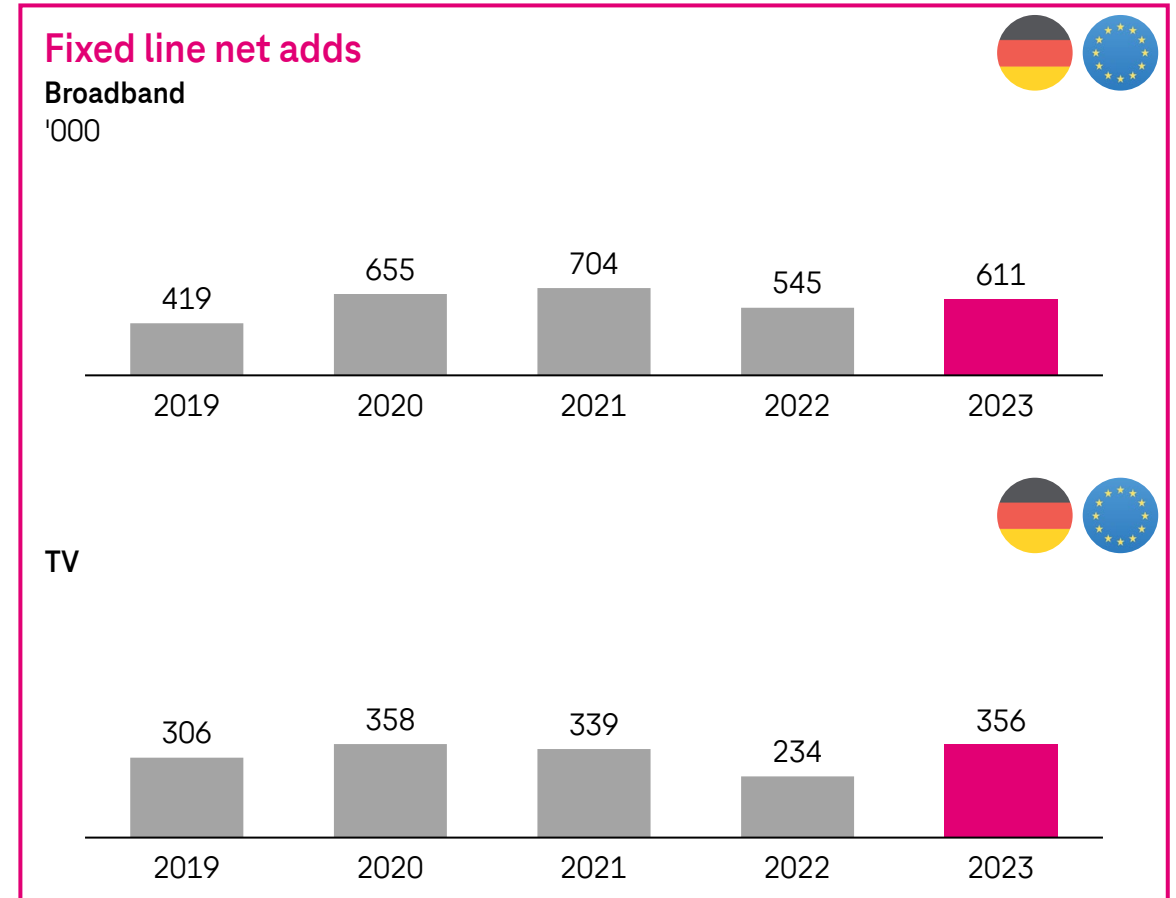
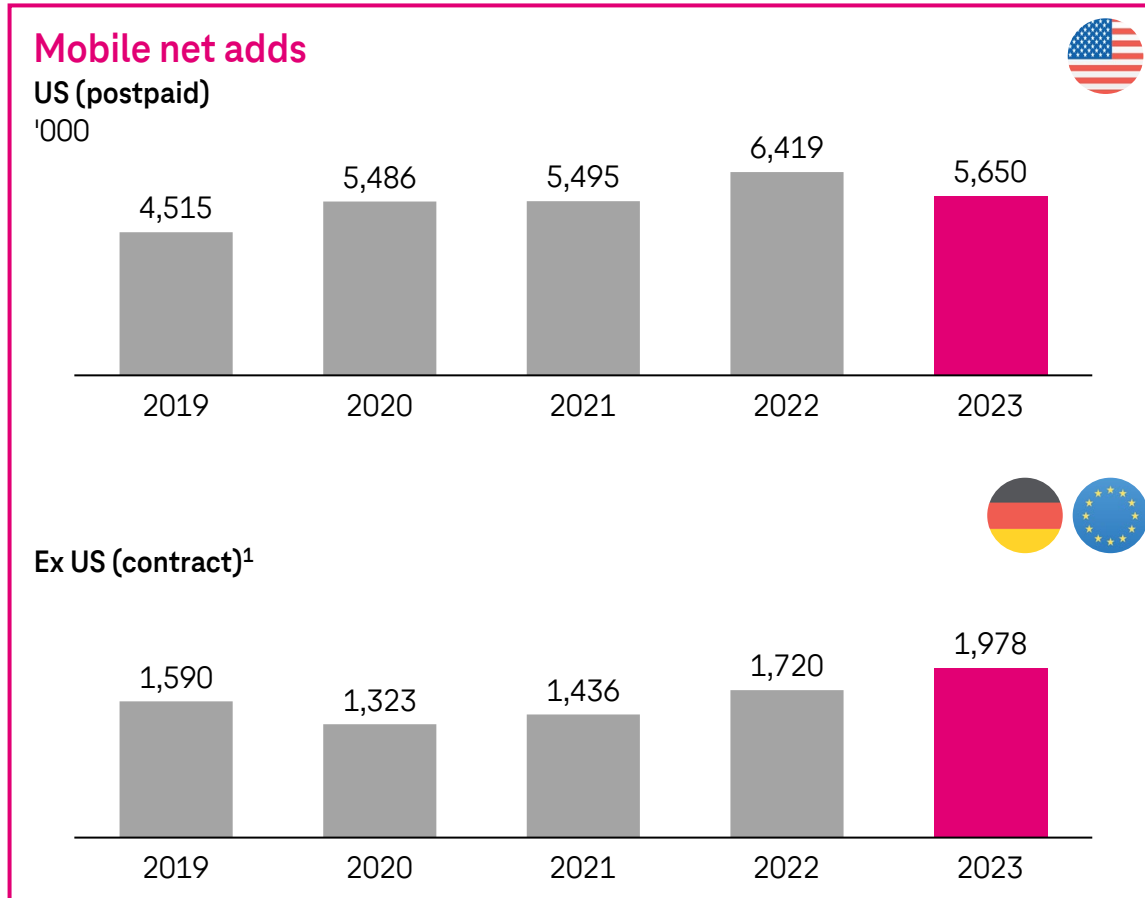
TV



¹ GER + EU. GER: own brand only. ² GER + EU

Customers

strong growth throughout the years



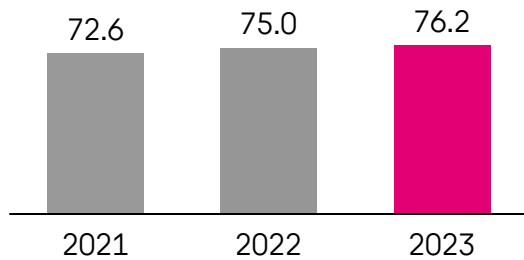
¹ GER + EU. GER: Since 2021 Own branded retail customers excl. multibrand, consumer IoT and "Schnellstarter".

Society and Environment

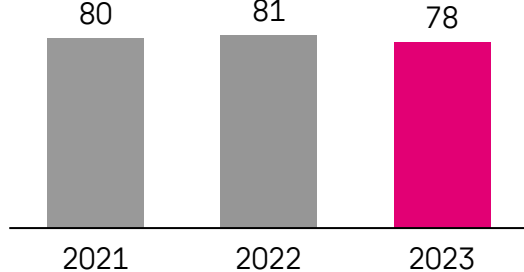
energy consumption reduced again

Societal agenda

Customer satisfaction¹
Tri*M



Employee satisfaction²
%



Environment

- **NEW** Group energy consumption -2.5% yoy in H1/24 and CO₂ emissions (Scope 1&2) -1.5%

Society

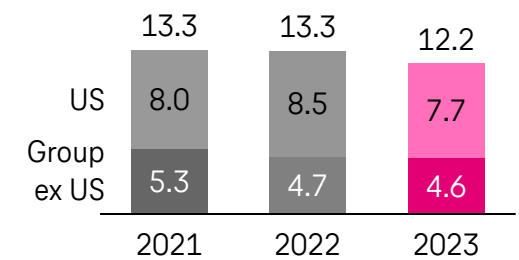
- **NEW** BAFA³ report published (as part of LKSG)
- **NEW** wage negotiations in Germany concluded
- **NEW** launch of diversity elearning and publishing of DE&I Glossary

Governance

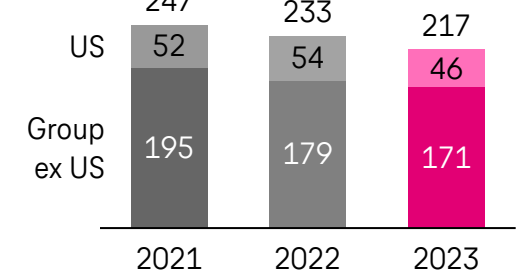
- **NEW** Townhall with CEO dedicated exclusively to ESG
- **NEW** launch of internal sustainability academy

Environmental agenda

Energy consumption
mn MWh



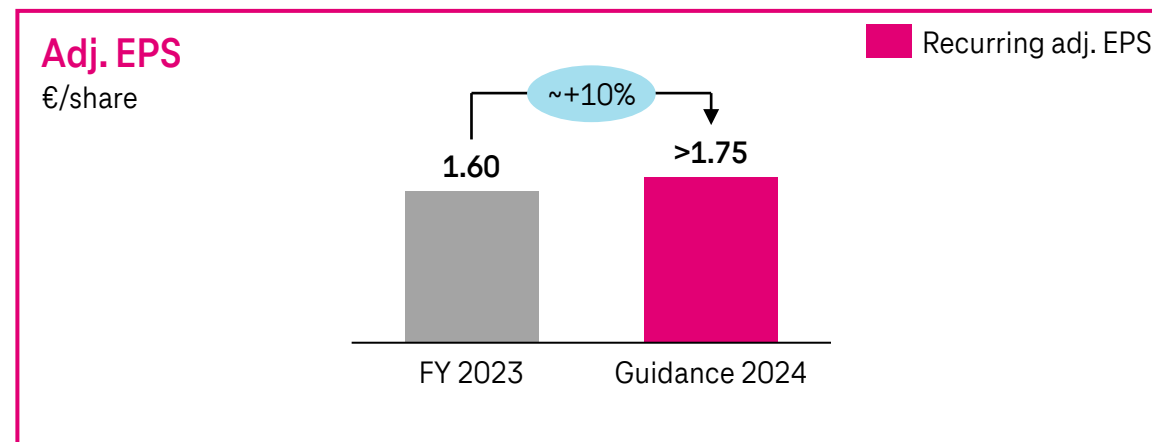
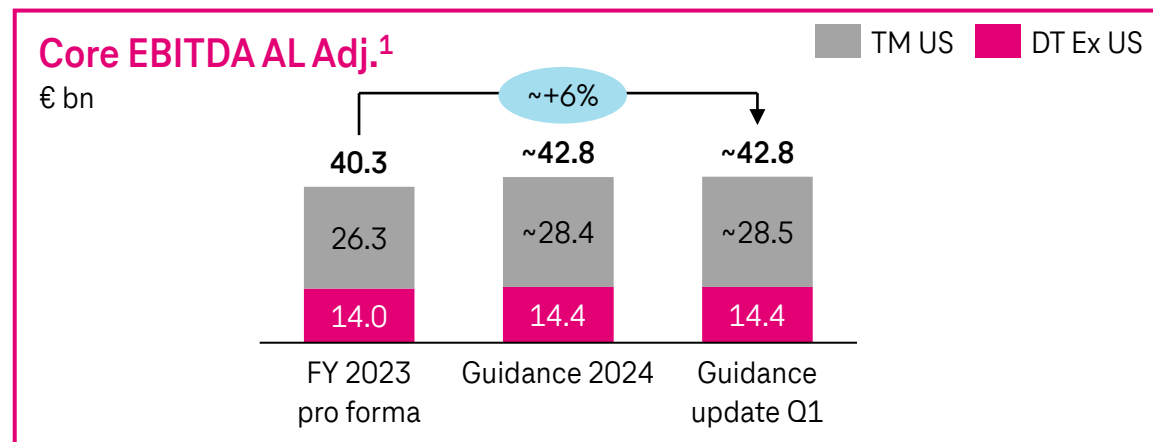
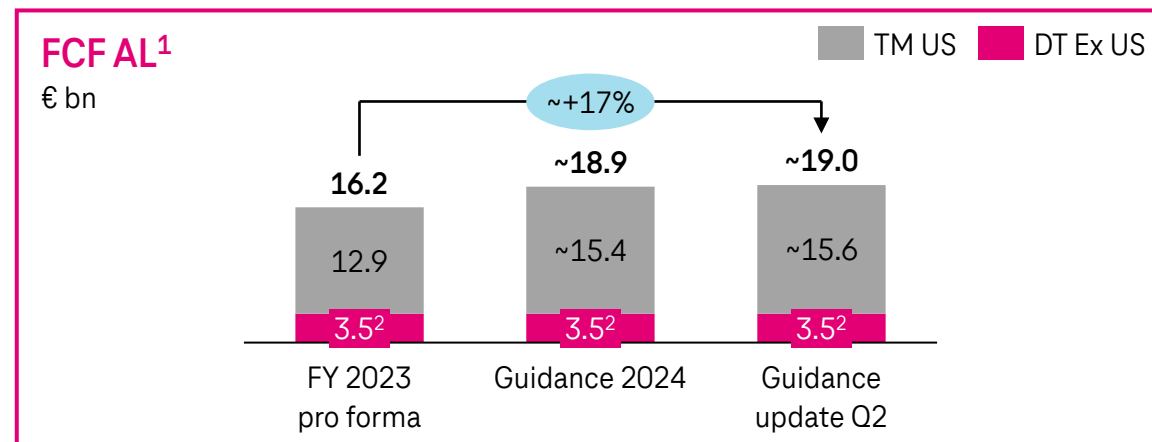
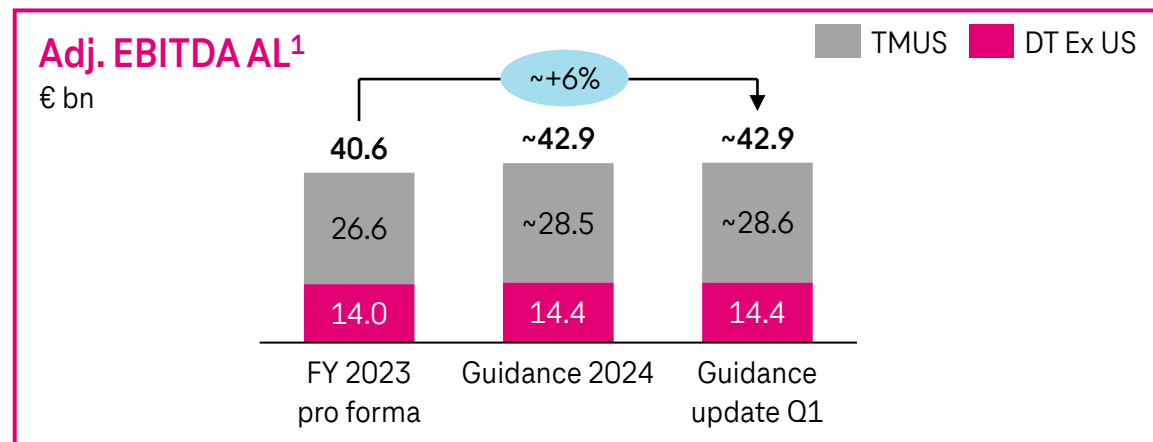
CO₂e emissions (scope 1+2)
kt



¹ ex US. ² ex US. Positive answer on employee/pulse survey question: "How do you feel at our company". ³ Bundesamt für Wirtschaft und Ausfuhrkontrolle/Federal Office for Economic Affairs and Export Control.

Guidance 2024

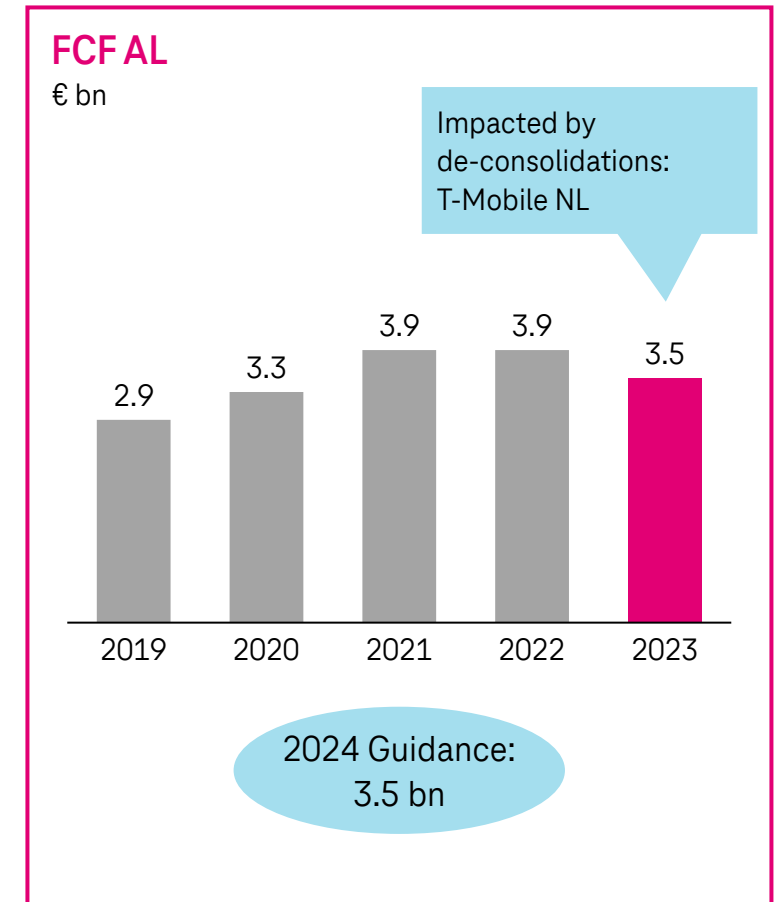
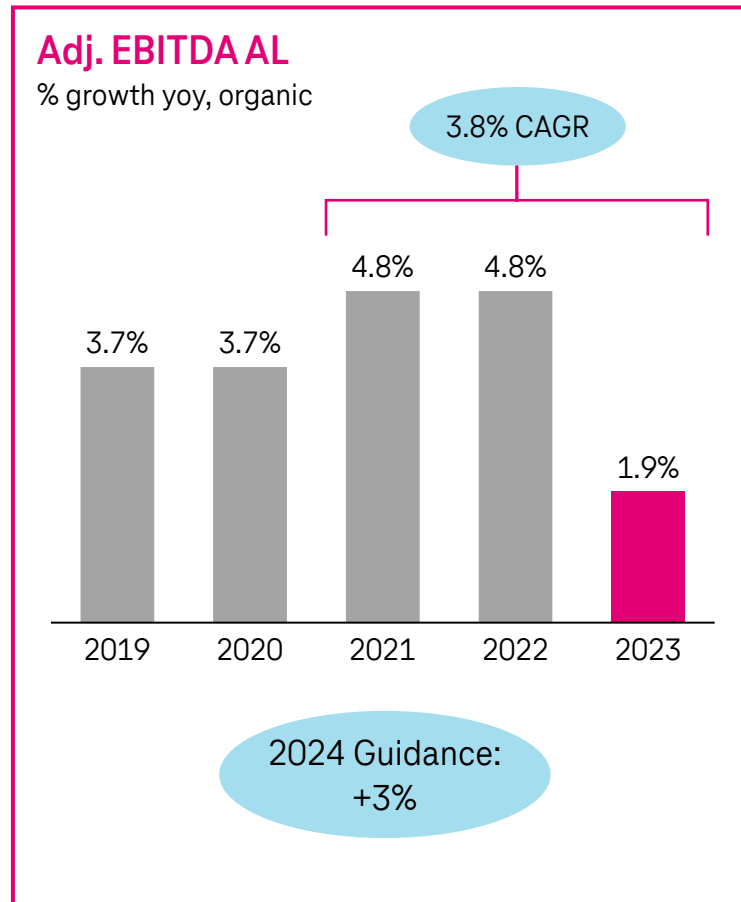
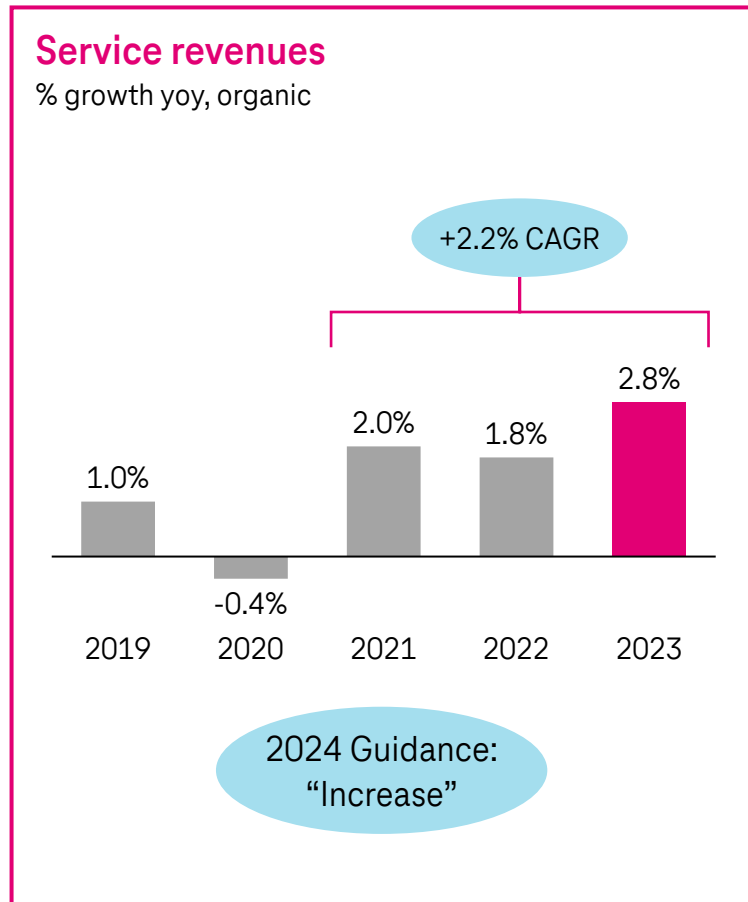
free cash flow outlook raised for TMUS and the group



¹ TMUS guidance is based on midpoint of US GAAP guidance of US\$31.6 – 31.9 bn adj. EBITDA; of US\$31.5 – 31.8 bn Core adj. EBITDA and of US\$16.6 – 17.0 bn FCF. Guidance assumes a negative bridge of US\$-0.9 bn on adj. EBITDA and Core adj. EBITDA upon translation into IFRS. Based on 1€ = US\$1.08. ² 2024 guidance includes €0.2 bn of cash returns related to tower transaction. 2023 pro forma includes 0.1bn cash returns related to tower transaction. Both exclude TMUS dividend receipts.

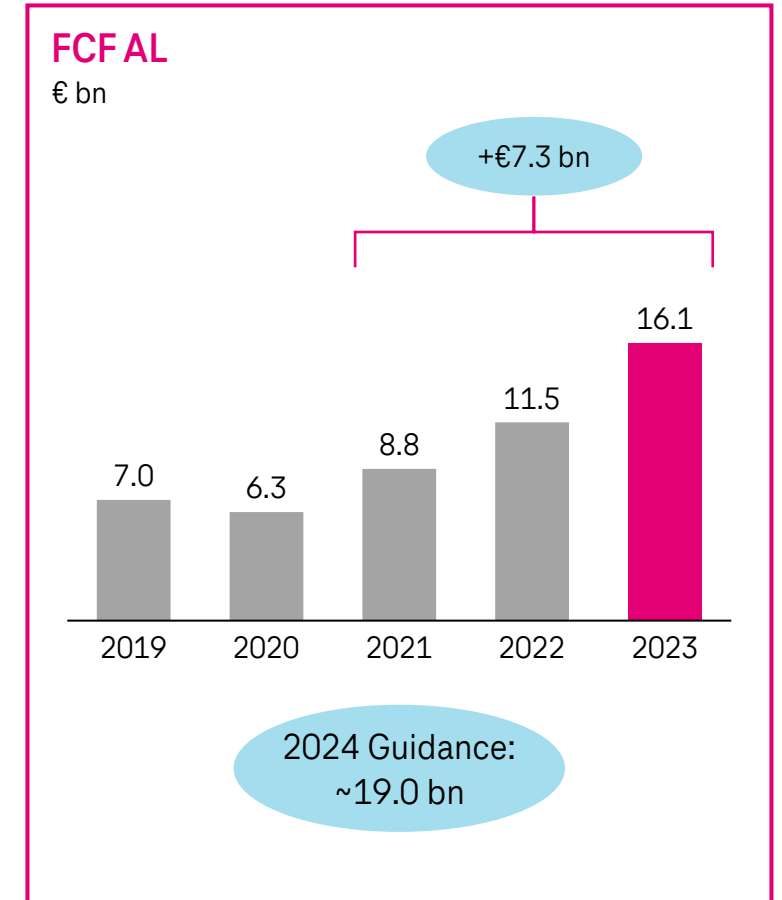
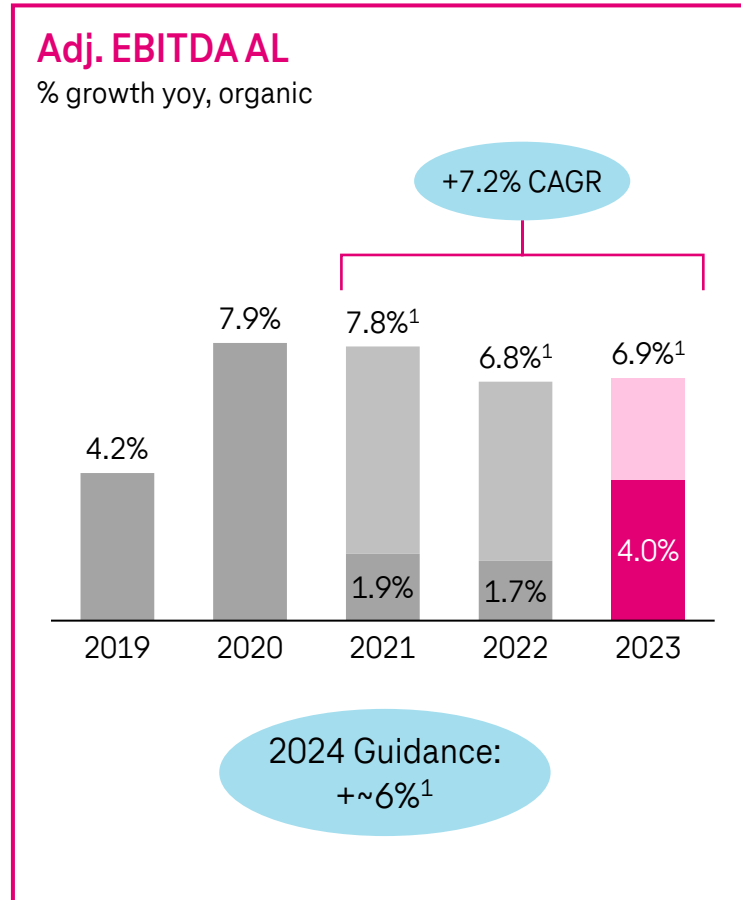
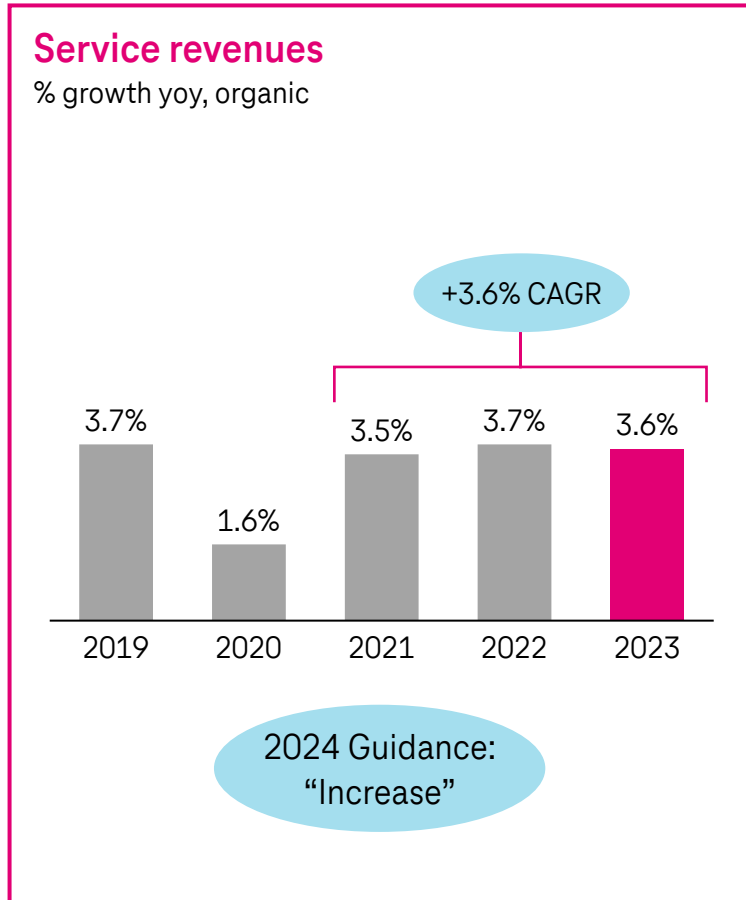
Ex US Financials 2019 – 2023

multi-year growth in key financials



Group Financials 2019 – 2023

multi-year growth in key financials



¹adj. Core EBITDA

DT has unique growth opportunities

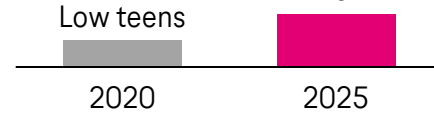


United states



- Clear 5G leader
- Unique SRMA*

Market share



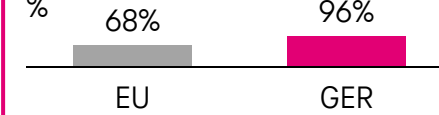
SRMA ~40% of the US

Europe



- Clear 5G leader

5G coverage Q1/24



Growth with speed upsell



- Unique wireless high speed opportunity

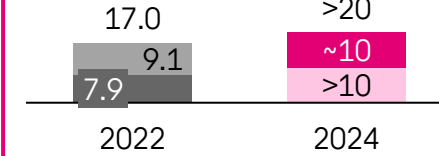
HSI homes



5.2m homes Q124

- Clear fiber leader

Homes passed

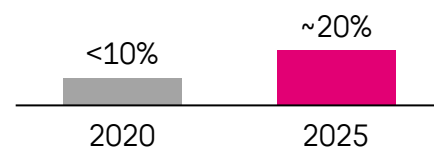


Growth with speed upsell



- Unique B2B share opportunity

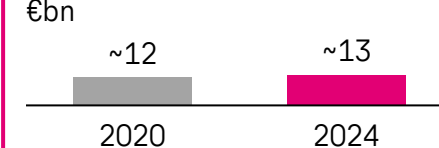
Market share



On track

- Clear B2B leader

Revenues



Growth with digitization

* Small markets and rural areas

Q2 2024 results

Review of segments and
financials

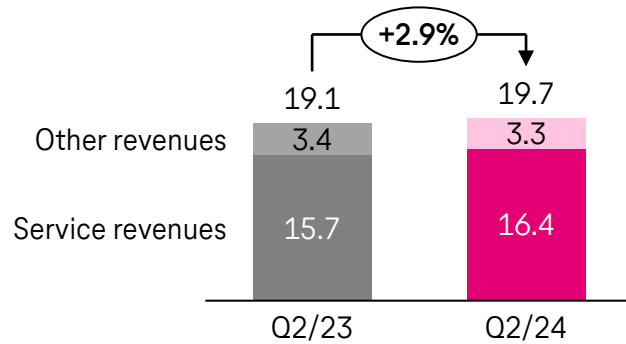
T-Mobile US

strong financial growth – handset lease unwind coming to an end



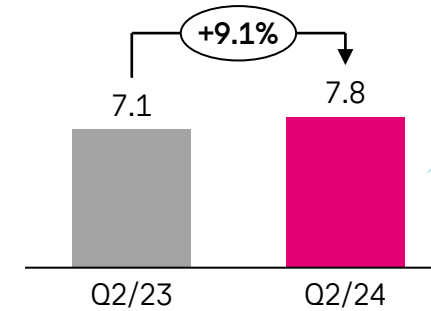
Revenues (IFRS)

US\$ bn



Adj. EBITDA AL (IFRS)²

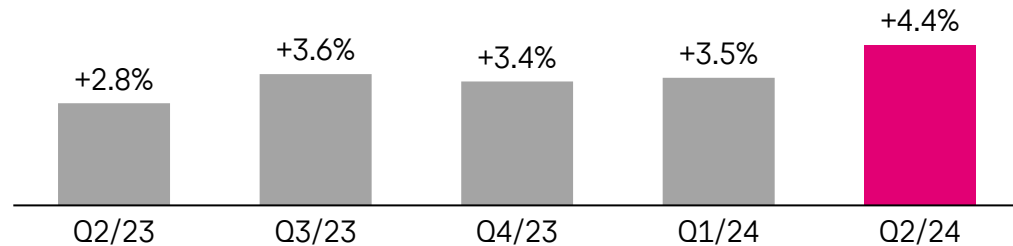
US\$ bn



yoy decline in handset leasing revenues down to US\$39 mn¹

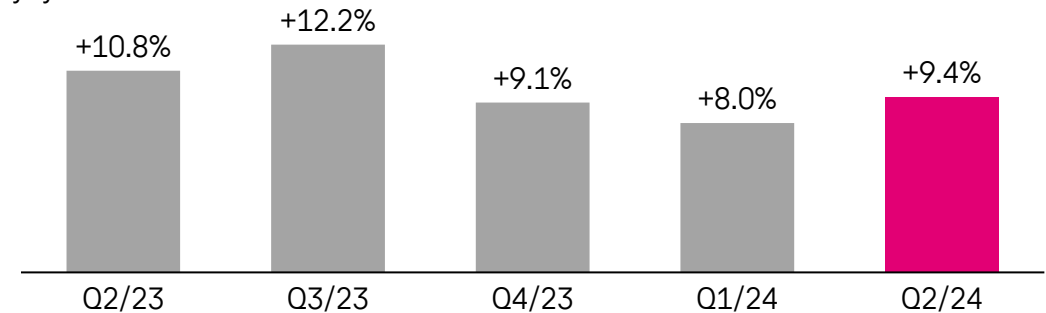
Service revenue (US GAAP)

% yoy



Core adj. EBITDA (US GAAP)

% yoy

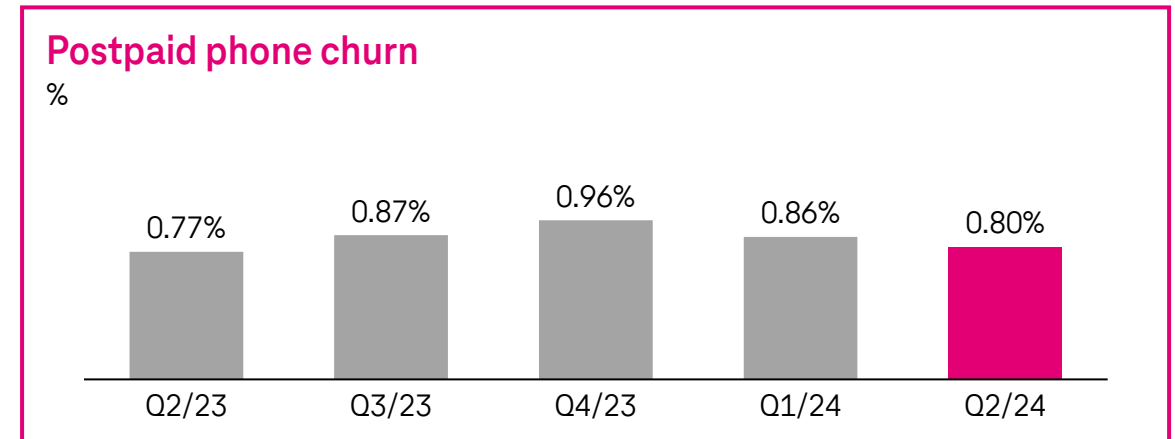
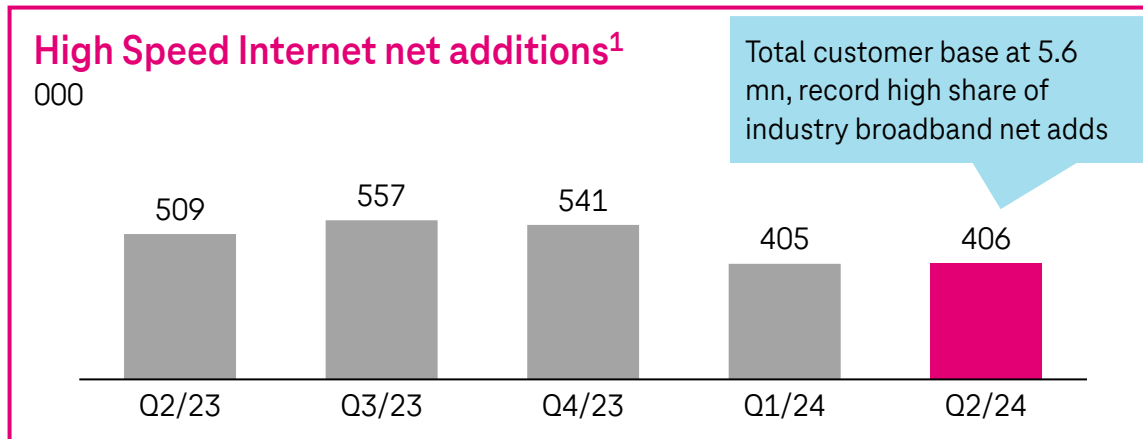
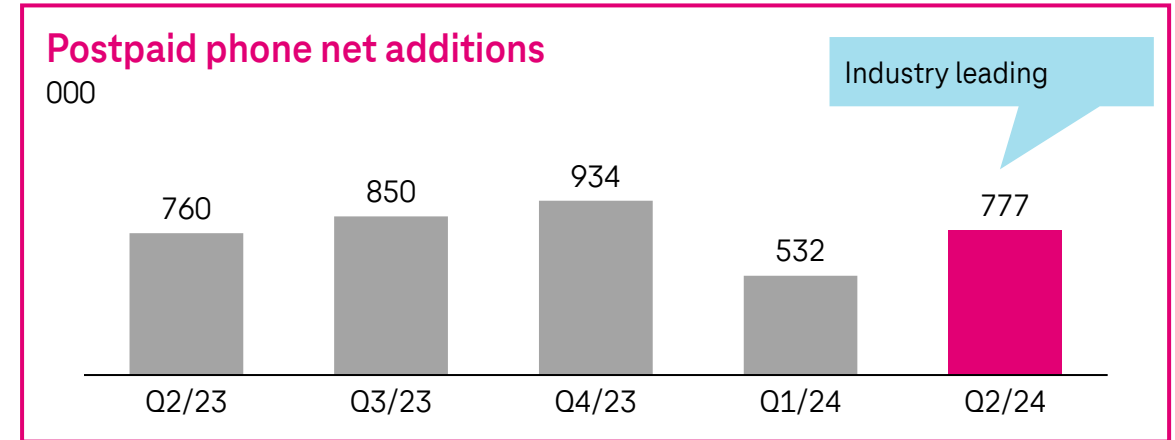
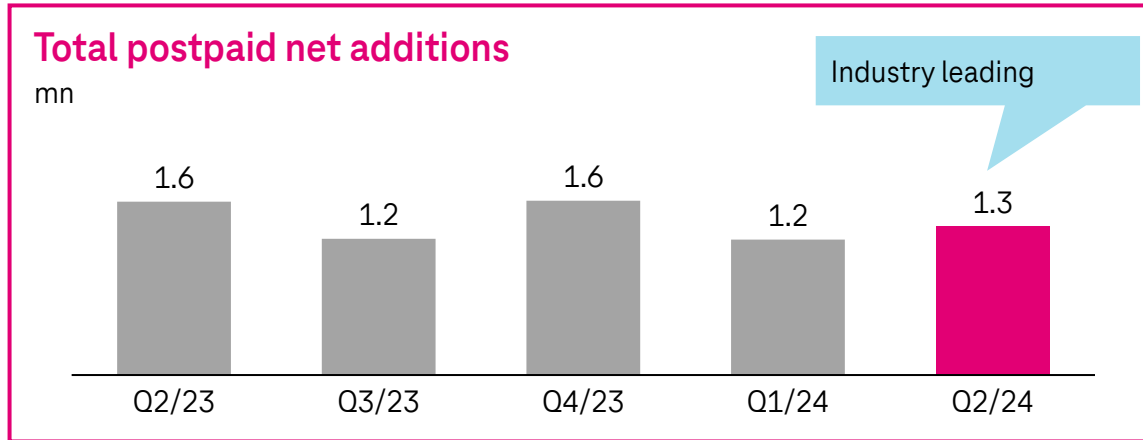


¹ Due to alignment of Sprint customers to the TMUS device financing model post merger, which results in a decrease of handset leasing revenues and a corresponding decline in revenue and EBITDA AL. Service revenues are not impacted.

² For IFRS bridge please refer to appendix.

T-Mobile US

industry leading customer growth



¹ Postpaid + Prepaid

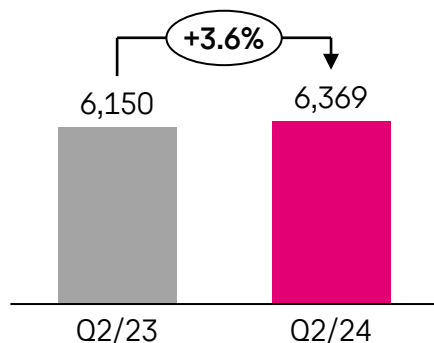
Germany

31st consecutive quarter of EBITDA growth



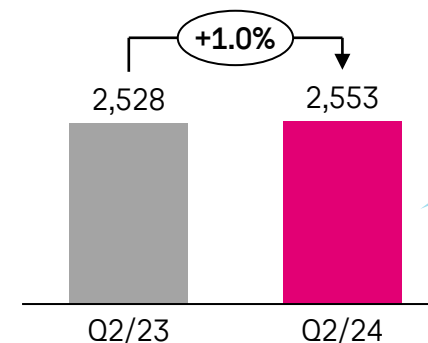
Revenues (reported)

€ mn



Adj. EBITDA AL (reported)

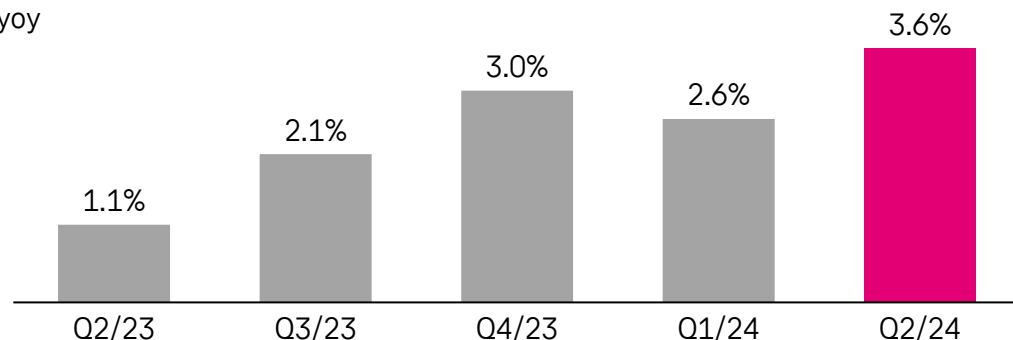
€ mn



Impacted by one off payment from wage agreement. €70mn (gross)²

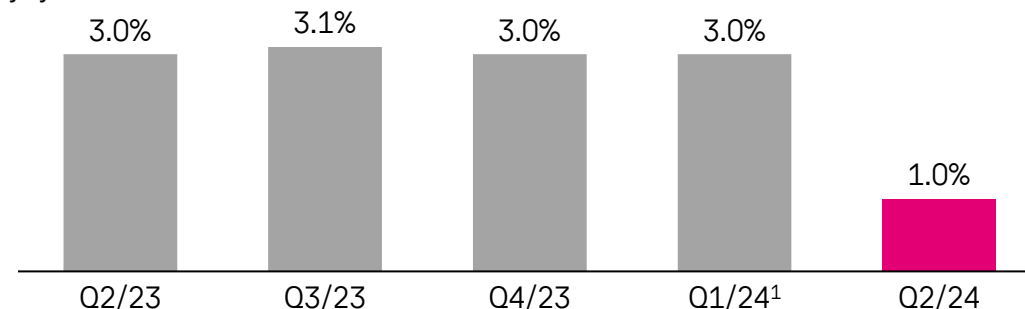
Revenue growth (organic)

% yoy



Adj. EBITDA AL (organic)

% yoy



¹ Organic growth rate in Q1/24 assumes that the tower transaction did close on Jan 1st 2023, whereas the close actually happened on Feb 1st. So, the reported EBITDA AL growth rate benefitted from 1 month of higher leasing opex in Q1/23.

² Total impact on DT's domestic business incl. GHS approx. €90mn

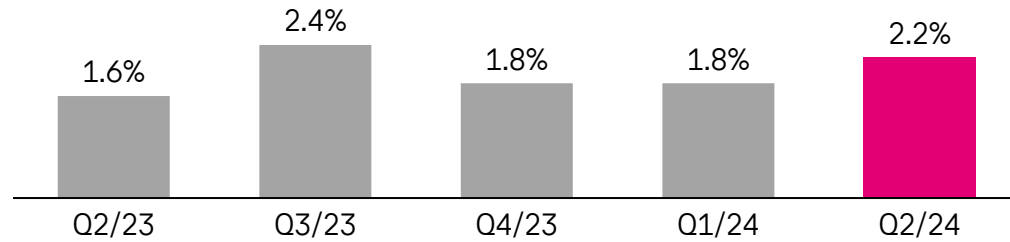
Germany

service revenues: accelerated growth



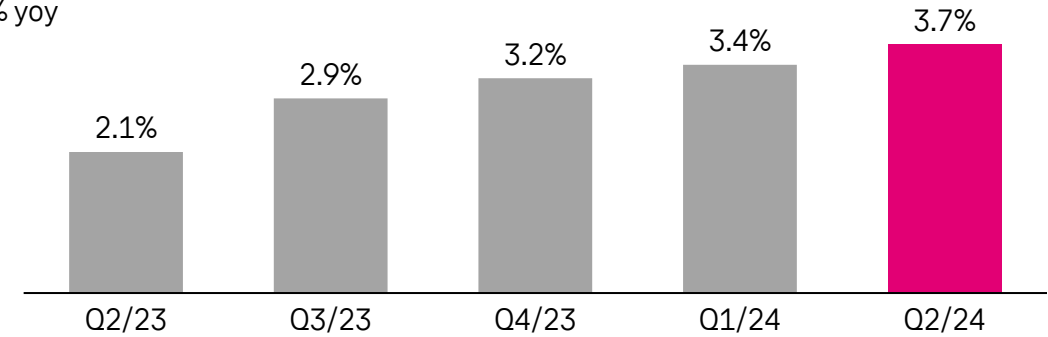
Total service revenue growth (organic)

% yoy



Mobile service revenue growth (organic)

% yoy



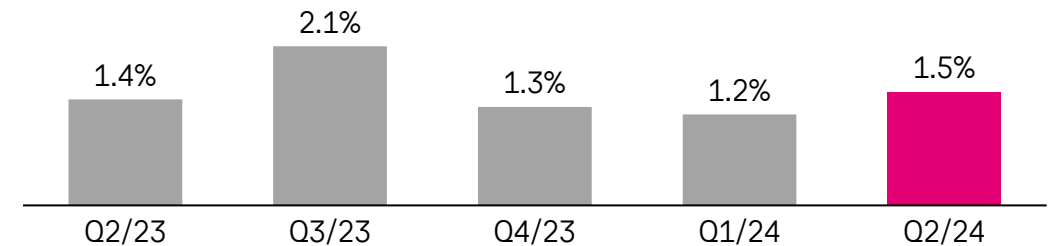
Revenue growth (reported)

% yoy

- Reported total service revenue growth +2.1%
- Reported fixed service revenue growth +1.5%
- Reported mobile service revenue growth +3.7%

Fixed service revenue growth (organic)

% yoy



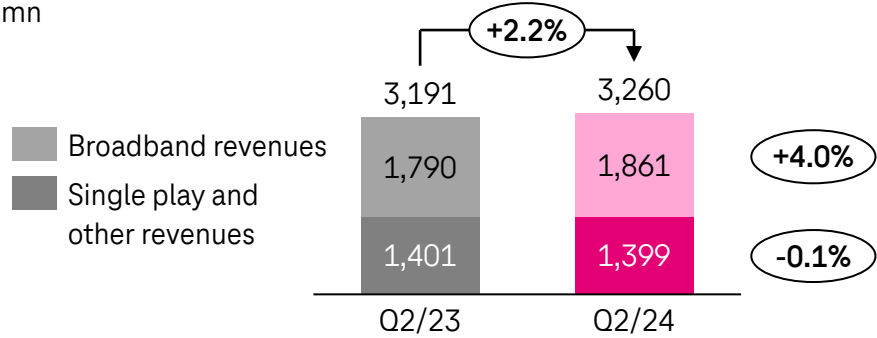
Germany



fixed revenues: improvement in retail and wholesale access

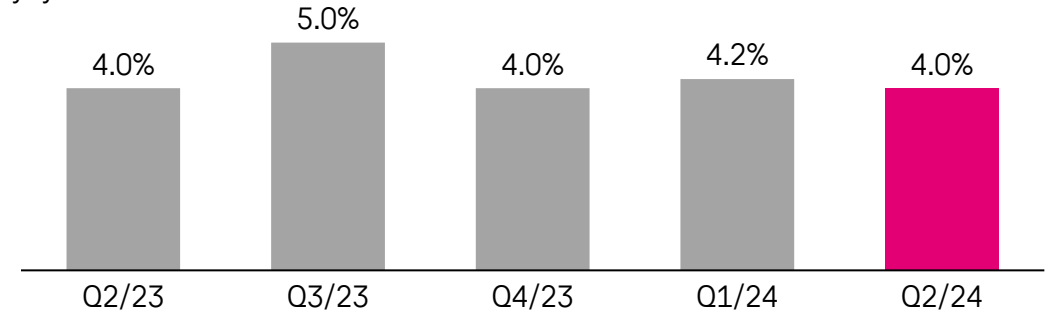
Retail fixed revenues (reported)

€ mn



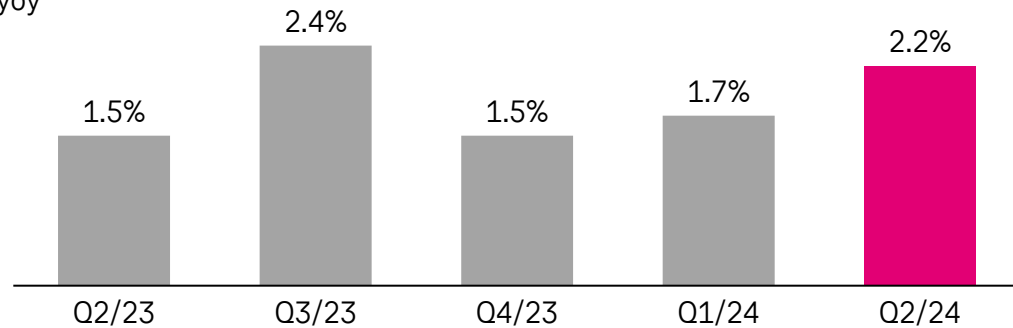
Broadband revenue growth (organic)

% yoy



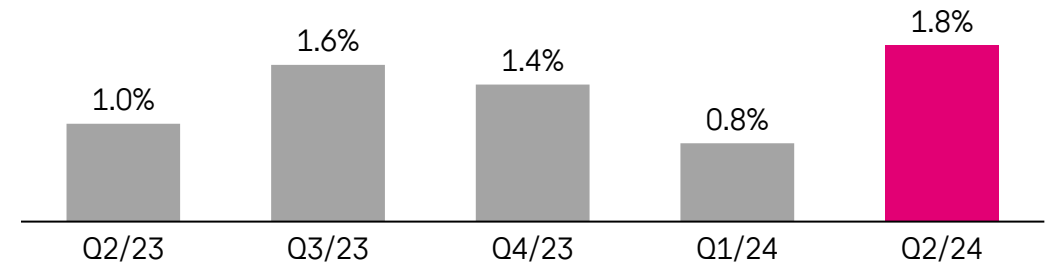
Retail fixed revenue growth (organic)

% yoy



Wholesale access revenues (organic)

% yoy



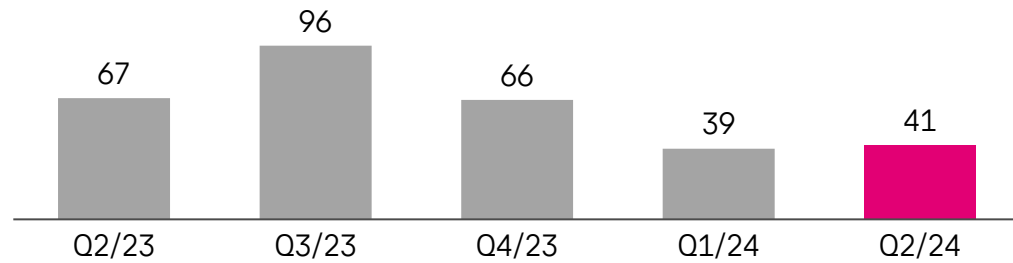
Germany

fixed KPIs: broadband growth steady, TV and FTTH faster



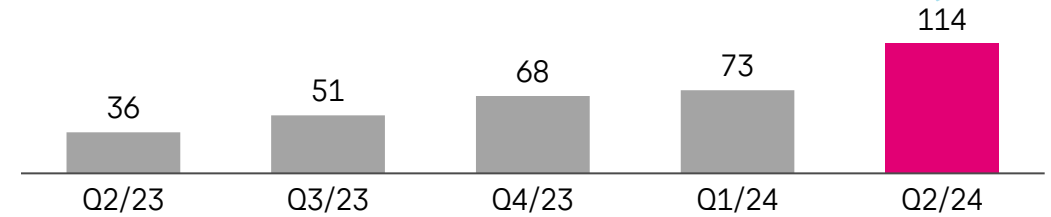
Broadband net adds

000



TV net adds (ex OTT)

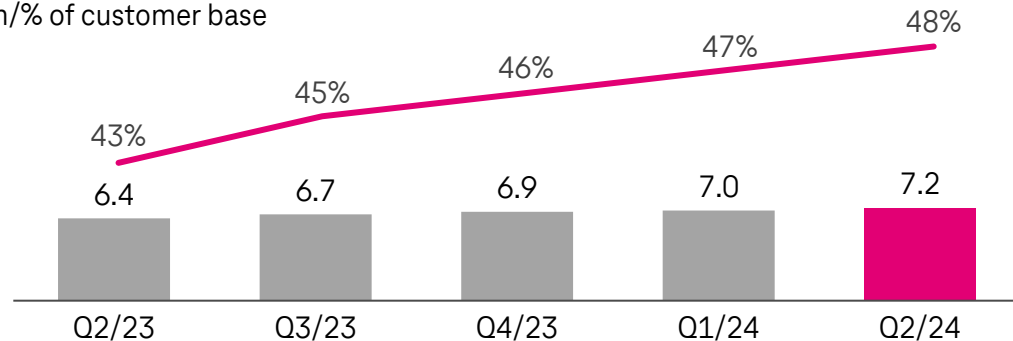
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“Nebenkostenprivileg” and European Championship support TV net adds

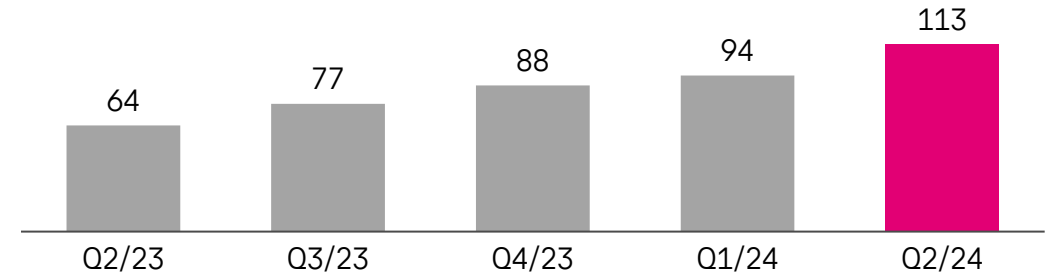
Retail customers with ≥100 Mbit/s tariff

mn/% of customer base



FTTH net adds

000



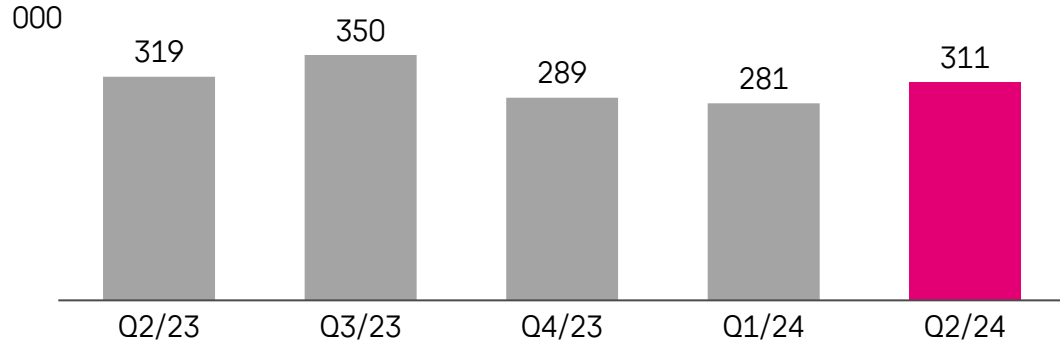
Total customer base at 1.2mn

Germany

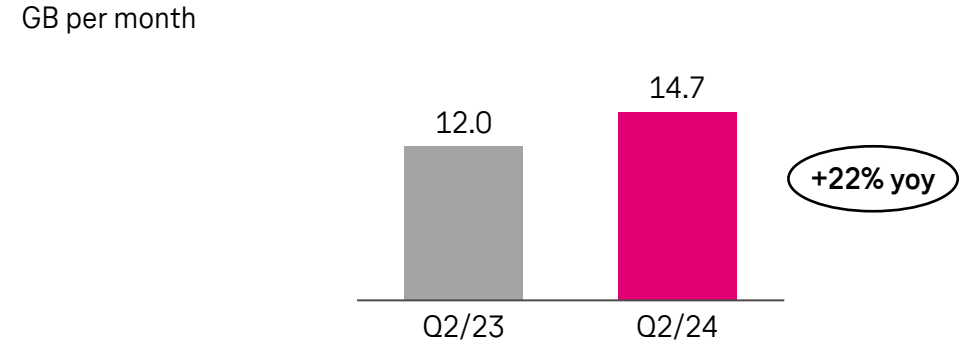
mobile KPIs: strong customer intake in a competitive market



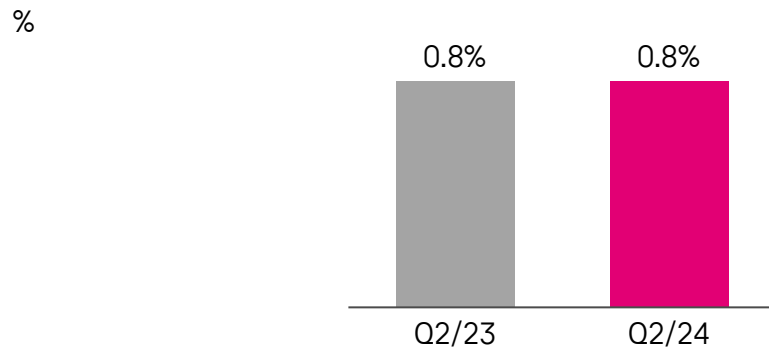
Branded contract net adds¹



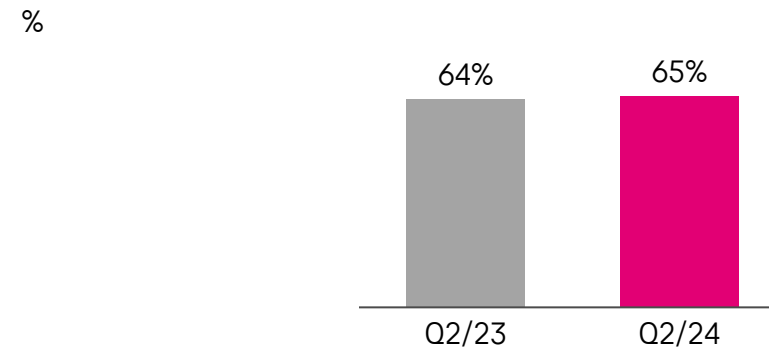
Data usage²



Churn²



Magenta EINS share (mobile)³



¹ Own branded retail customers excl. multibrand, consumer IoT and "Schnellstarter". ² Of B2C T-branded contract customers. ³ Of B2C T-branded contract customers.

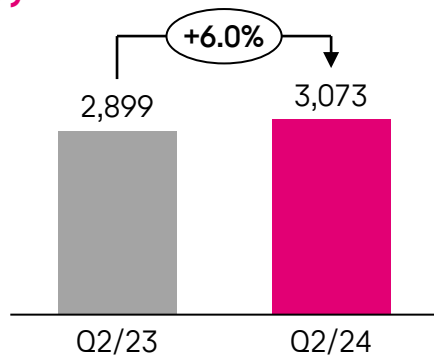
Europe

26th consecutive quarter of organic EBITDA growth



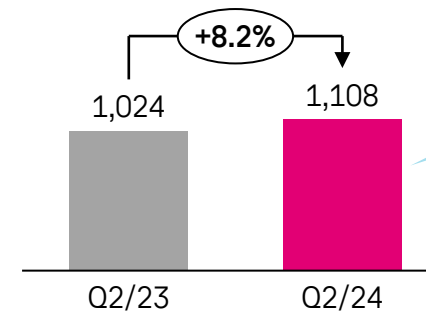
Revenues (reported)

€ mn



Adj. EBITDA AL (reported)

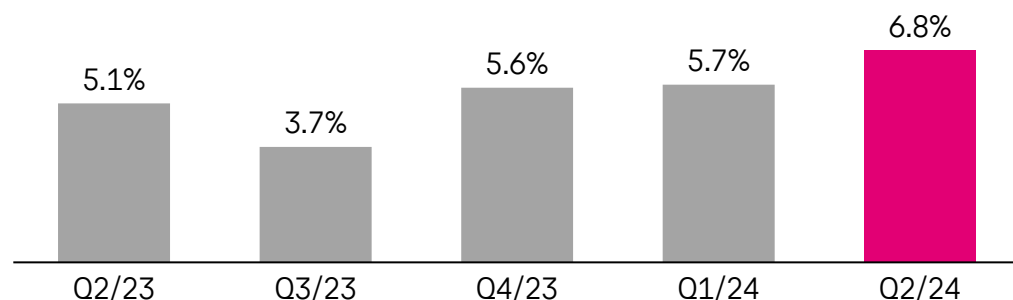
€ mn



EBITDA growth positively impact by lower energy costs (~1.7pp)

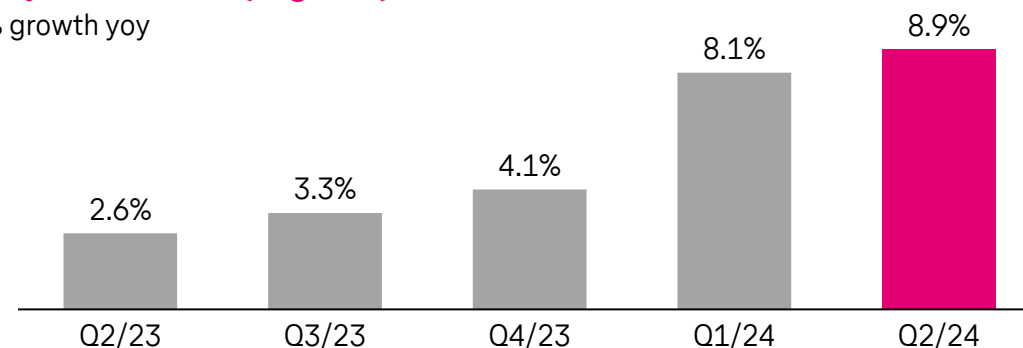
Revenues (organic)

% growth yoy



Adj. EBITDA AL (organic)

% growth yoy

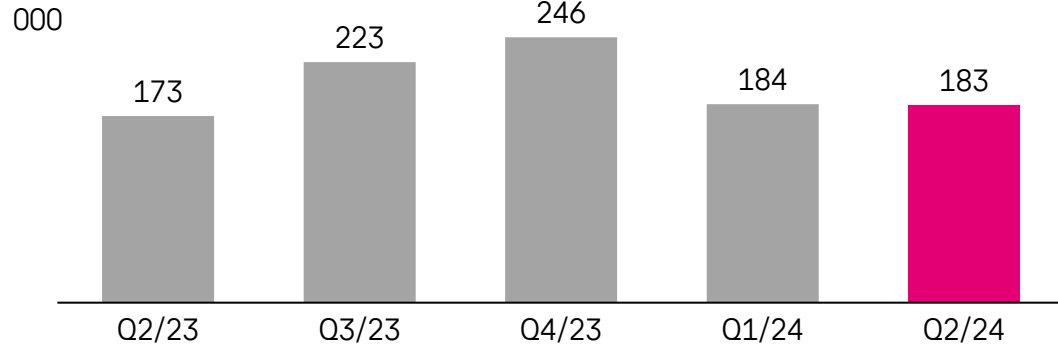


Europe

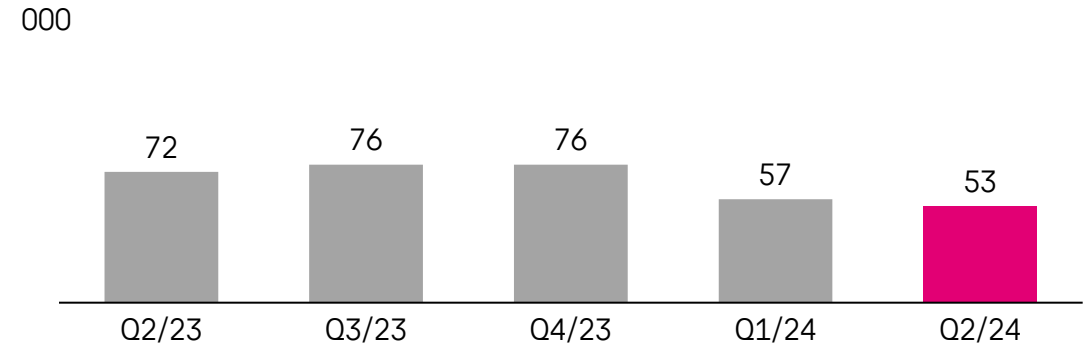
strong commercial performance continues



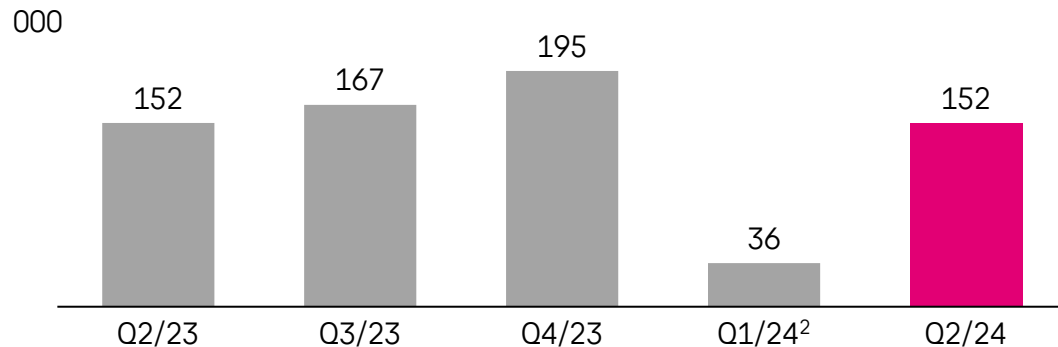
Mobile contract net adds



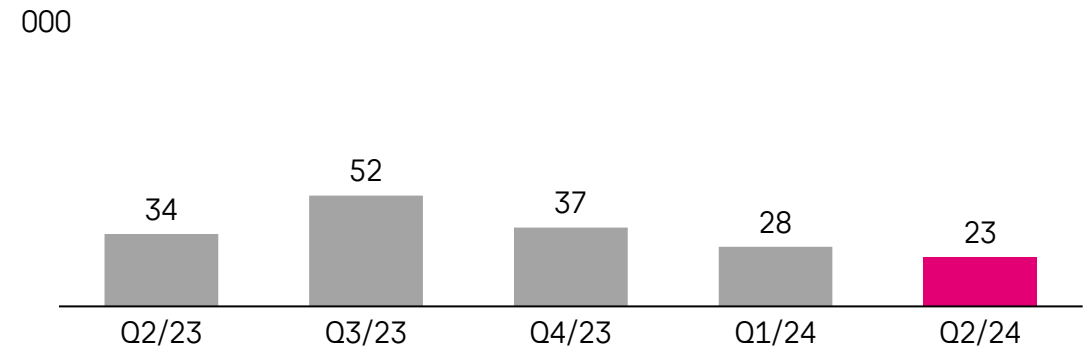
Broadband net adds



FMC net adds¹



TV net adds



¹ Definition alignment in Q3/23. Historic figures have been re-stated.

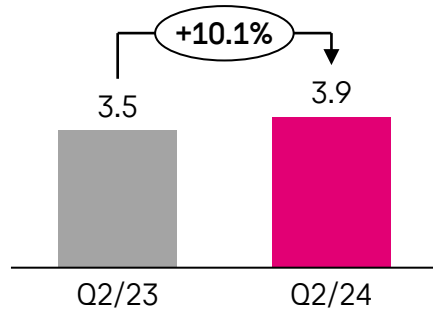
² Thereof >-100k due to contract changes in Slovakia

Systems Solutions

steady trends, order book improved

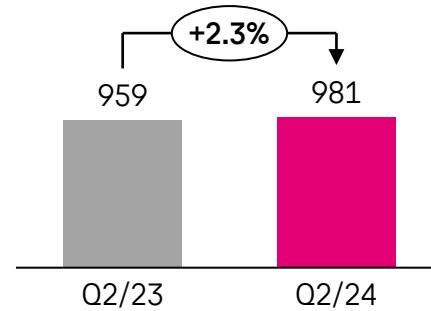
Order entry (LTM)

€ bn



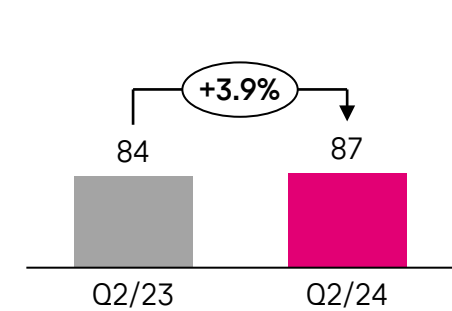
Revenues (reported)

€ mn



Adj. EBITDA AL (reported)

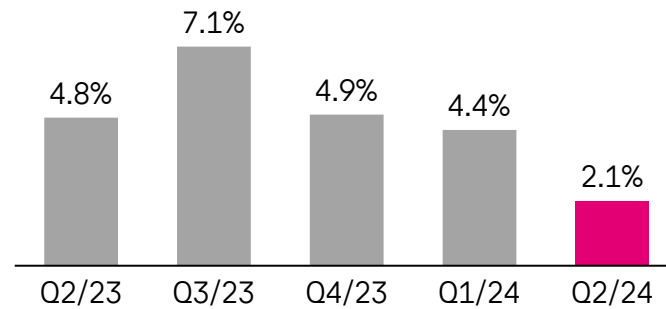
€ mn



- Order entry growth mainly driven by cloud business
- Cloud and Digital overcompensate classic IT business run down.
- External revenue growing by +4%yoy

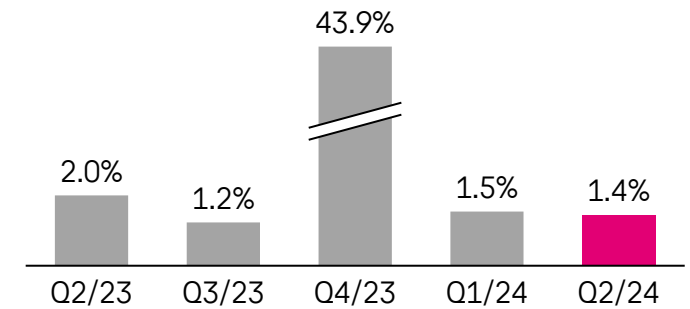
Revenues (organic)

% growth yoy



Adj. EBITDA AL (organic)

% growth yoy



Financials Q2/24 reported

strong set of results across the board

€ mn

	Q2			H1		
	2023	2024	Change	2023	2024	Change
Revenue	27,221	28,394	+4.3%	55,060	56,337	+2.3%
Service revenues	22,952	24,088	+4.9%	45,767	47,573	+3.9%
Adj. EBITDA AL	10,038	10,819	+7.8%	20,002	21,292	+6.5%
Adj. EBITDA AL (excl. US)	3,484	3,582	+2.8%	6,911	7,123	+3.1%
Adj. Net profit	1,887	2,477	+31.3%	3,846	4,716	+22.6%
Net profit	1,539	2,088	+35.6%	16,899	4,070	-75.9%
Adj. EPS (in €)	0.38	0.50	+32.0%	0.77	0.95	+23.0%
Free cash flow AL ¹	3,522	5,229	+48.5%	7,101	8,938	+25.9%
Cash capex ¹	4,422	3,684	-16.7%	9,181	8,345	-9.1%
Net debt excl. leases (AL)	97,174	97,085	-0.1%	97,174	97,085	-0.1%
Net debt incl. leases (IFRS 16)	136,893	135,125	-1.3%	136,893	135,125	-1.3%

H1/23 benefitted from gains in asset sales e.g. Towers

Includes 4 cents of non-recurring EPS. (3 cents in Q2)

Decrease in capex driven by TMUS. Ex US capex up by €0.2bn

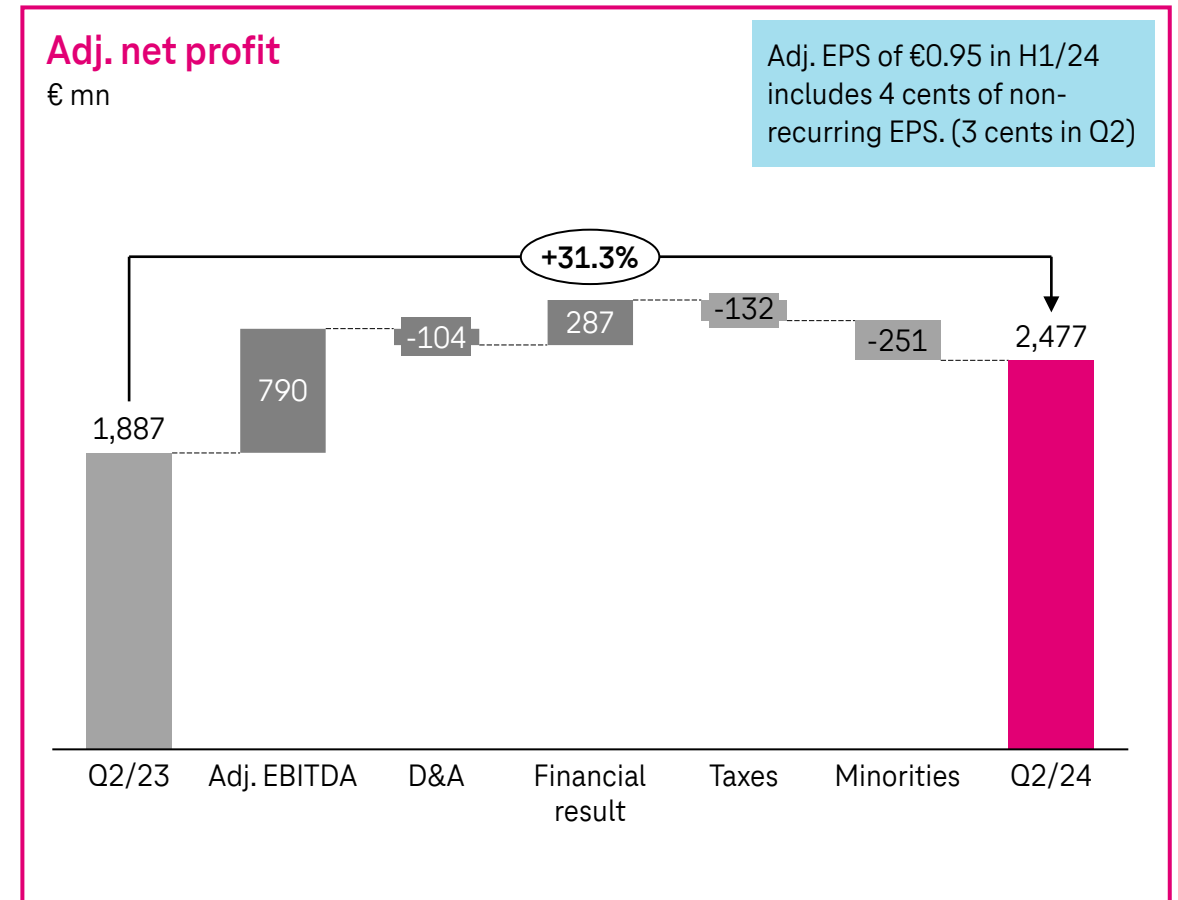
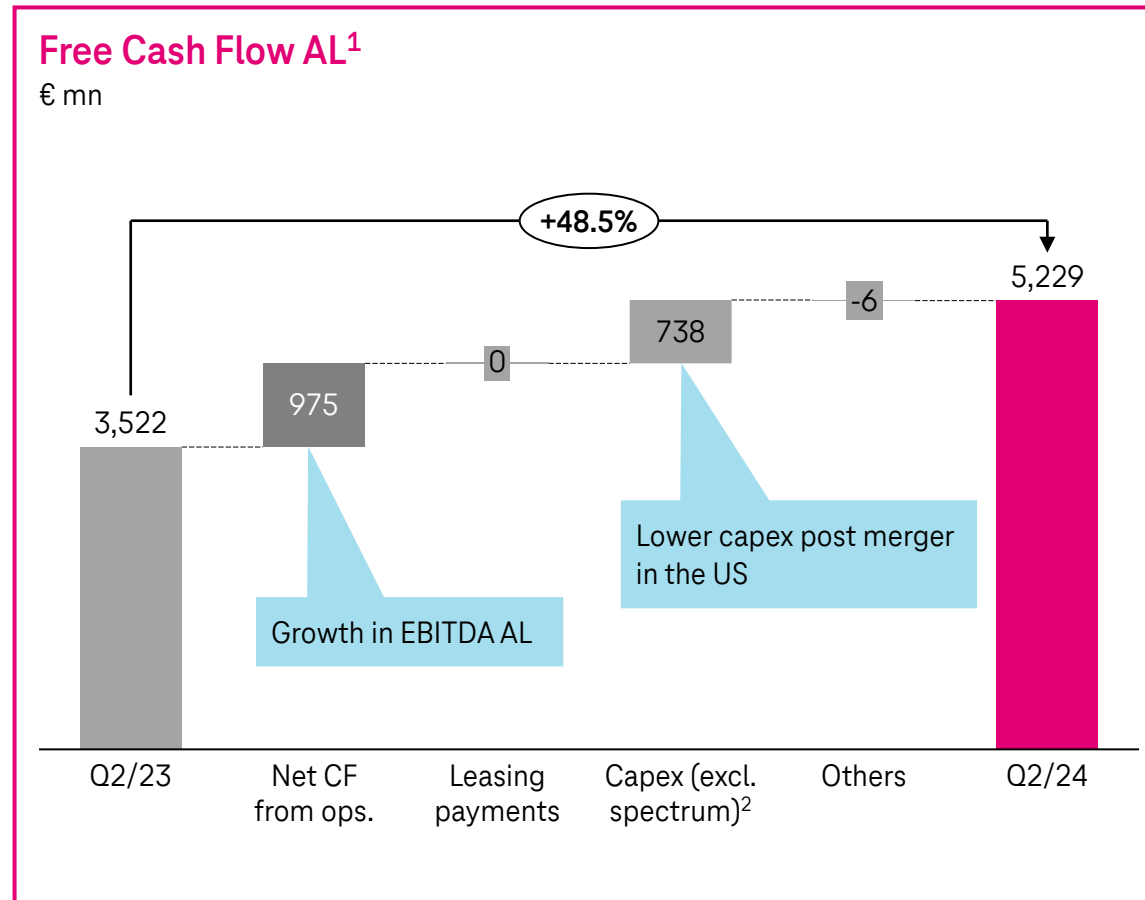
¹ Free cash flow AL before dividend and before spectrum investments. Cash capex before spectrum investment. Spectrum: H1/24: €232 mn H1/23: €255 mn; Q2/24: €175 mn Q2/23: €189 mn

In this presentation the Group in H1/23 is presented in accordance with the management view: certain key performance indicators in 2023 like revenue and adj. EBITDA AL are presented as if GD Towers still would be fully consolidated.

This view is different to the consolidated financial statements of DT where GD Towers is treated as a discontinued operation. For more details, please refer to the back-up to this presentation, respectively the annual report of DT both available at www.telekom.com/en/investor-relations.

FCF AL and adj. net profit

FCF reflecting growth in EBITDA and lower capex



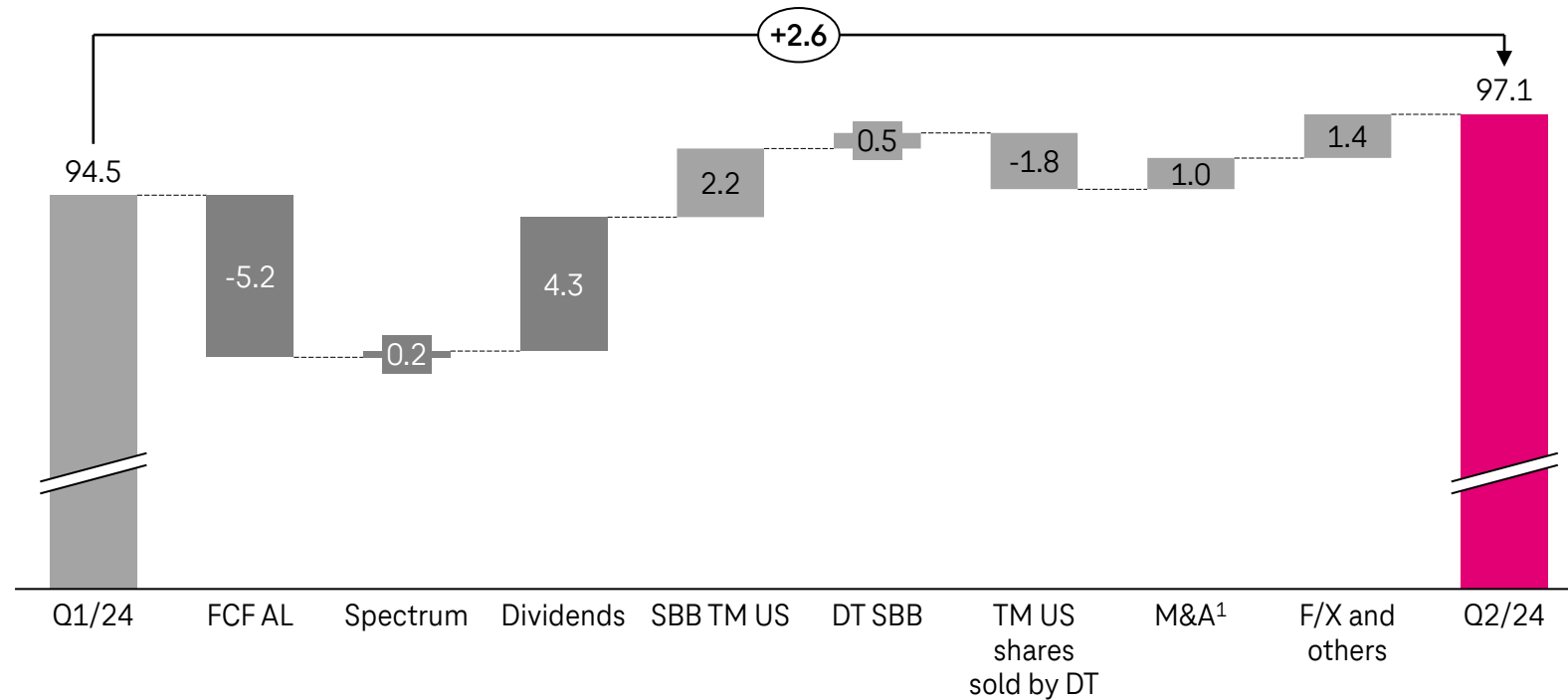
¹ Free cash flow and FCF AL before dividend payments and spectrum investment. ² Spectrum: Q2/24: €175 mn Q2/23: €189 mn

Net debt

leverage ratios improved year on year

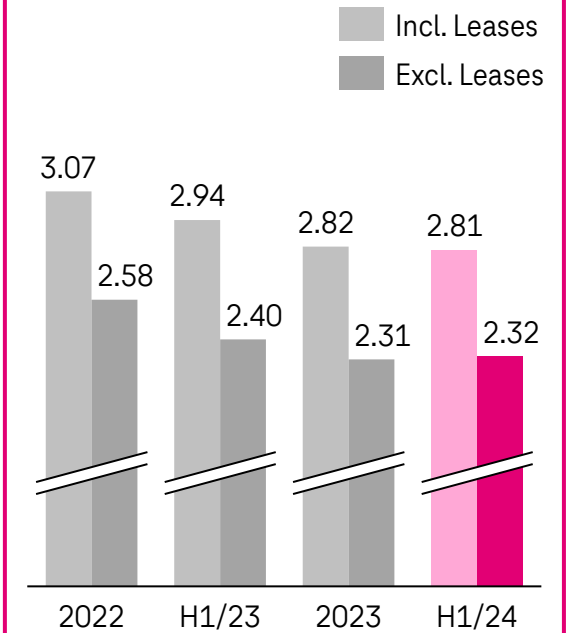
Net debt excl. leases (AL)

€ bn



Leverage ratios

X



¹ Acquisition of "Ka'ena" & Execution of 7mn fixed price options on TMUS shares

Q2 2024 results

Main takeaways

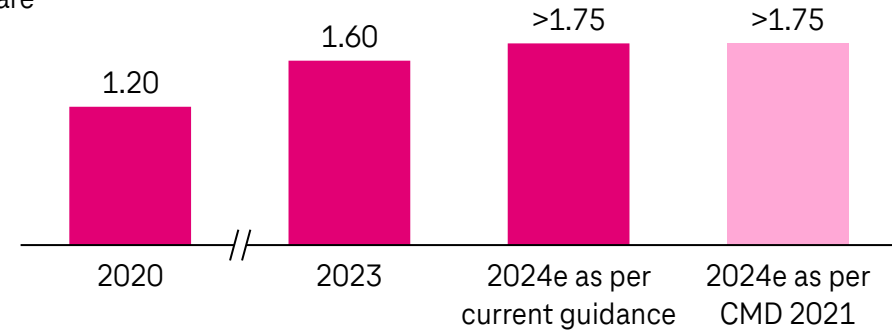
H1/24 Key messages

consistent reliable growth

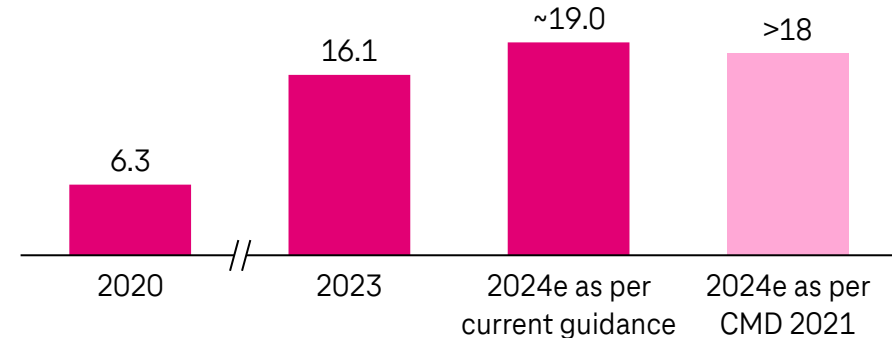
- Commercial performance continues unabated in all markets
- Continued sustainable growth with revenue, service revenue, EBITDA AL, FCF AL and adj. EPS
- Ex US Service revenues growing 4% organically, ex US EBITDA AL growing 4% organically
- DT raises FCF guidance following TMUS
- Fiber roll-out on track for medium term targets in GER & EU. Continued investments in leading mobile infrastructure
- Gaining exposure to US fiber opportunity via fiber JVs with EQT(Lumos) and KKR (Metronet)²
- Stake in TMUS 50.4% on July 26
- Ex lease leverage down to 2.32x. All 3 rating agencies at BBB+ with stable outlook
- Well on track for CMD 2021 targets
- DT CMD on Oct. 10/11, 2024. TMUS analyst day on Sep. 18, 2024

2024 guidance/CMD targets 2024¹

Adj. EPS
in €/share



FCF AL
in € bn



¹ CMD guidance for 2024 based on 1€ = 1.14 US\$, Guidance assumed no change in the scope of consolidation. ² Transactions subject to regulatory approval.

Q2 2024 results

Appendix

Organic growth rates

In %

	Q2/24 over Q2/23	H1/24 over H1/23
Group revenues	+3.4	+2.5
Group service revenue	+4.0	+4.1
Service revenue excl. US	+3.9	+3.7
Group Adj. EBITDA AL	+6.6	+6.2
Adj. EBITDA AL excl. US	+3.0	+4.0
Group adj. Core EBITDA AL ¹	+7.0	+7.0

¹ adj. EBITDA AL excl. TMUS handset leases.

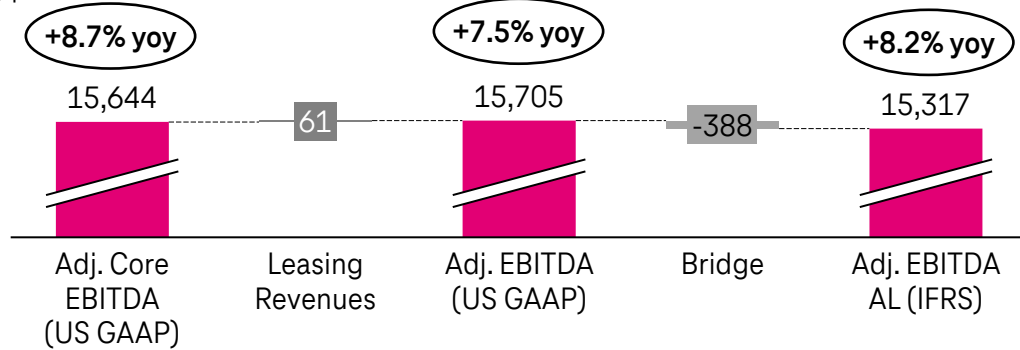
In this presentation the Group in H1/23 is presented in accordance with the management view: certain key performance indicators like revenue and adj. EBITDA AL are presented as if Group Development still would be fully consolidated. This view is different to the consolidated financial statements of DT where Group Development is treated as a discontinued operation. For more details, please refer to the back-up to this presentation, respectively the interim report of DT, both available at www.telekom.com/en/investor-relations.

TMUS

EBITDA reconciliation

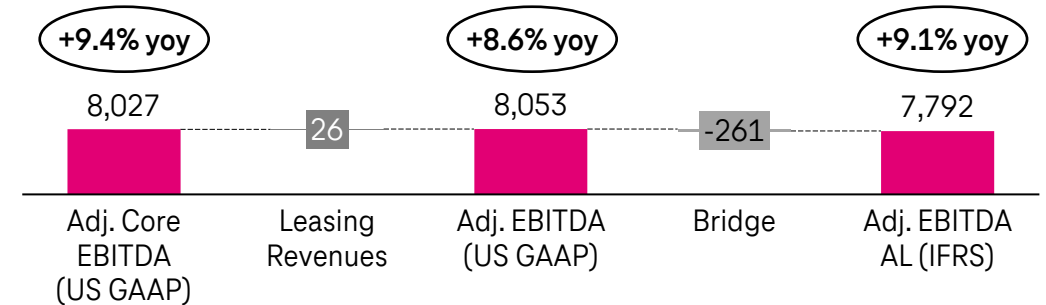
H1/24

US\$ mn



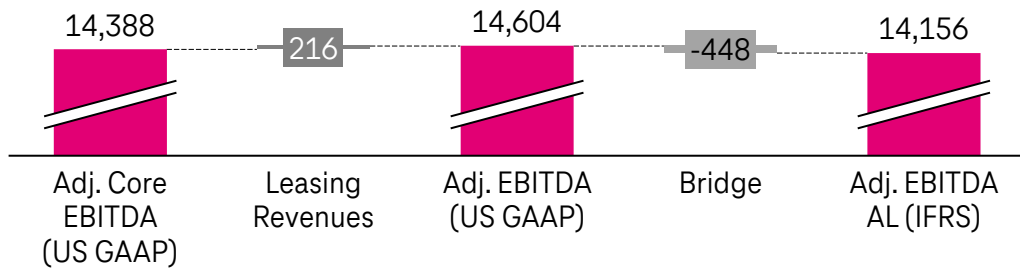
Q2/24

US\$ mn



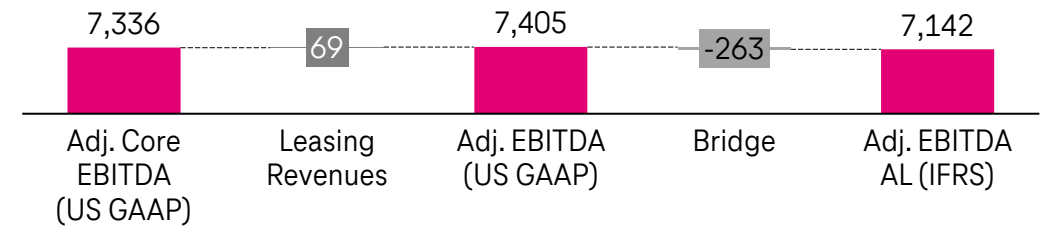
H1/23

US\$ mn



Q2/23

US\$ mn



FCF AL excl. US¹

full year 2024 guidance of €3.5bn unchanged

€ bn

	H1 2023	H1 2024	
Adj. EBITDA	7.6	7.9	FY Guidance €14.4 bn
Leasing opex	-0.7	-0.8	
Adj. EBITDA AL	6.9	7.1	Capex frontloaded
Cash Capex	-3.8	-4.0	
Proceeds from sale of fixed assets	+0.0	+0.0	
Special Factors Cash	-0.5	-0.6	
Interest ex leasing	-0.5	-0.6	
Cash Taxes	-0.4	-0.6	
Other (working capital etc.)	+0.5	+0.5	
FCF AL	2.2	1.8	

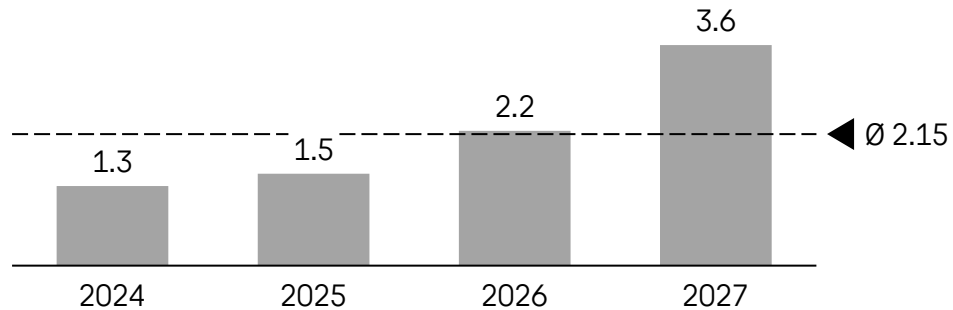
¹ Includes cash returns related to tower transaction. Excludes TMUS dividend receipts.

Financials

maturity profile covered by strong liquidity reserve

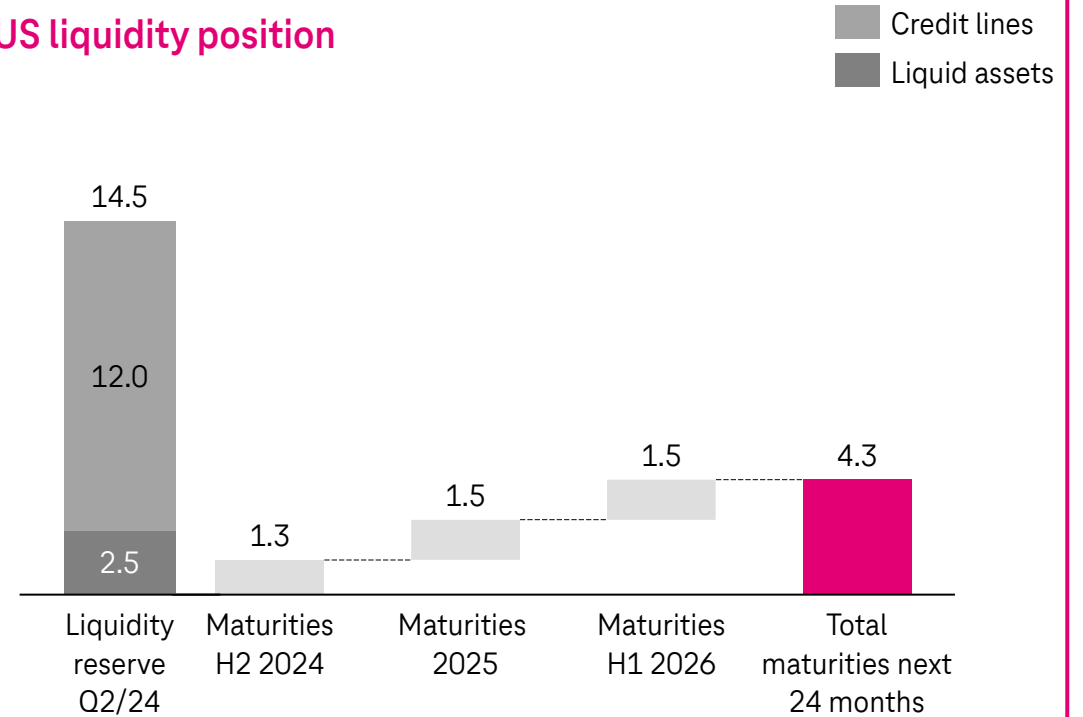
Ex US bonds maturing

€ bn



Ex US liquidity position

€ bn



- Additional US\$1.5 bn of outstanding TMUS shareholder loans (to be repaid by 2028 at the latest)





Balance sheet

deleveraging continues

€ bn

	30/06/2023	30/09/2023	31/12/2023	31/03/2024	30/06/2024
Balance sheet total	299.7	302.5	290.3	295.2	296.0
Shareholders' equity	94.4	96.6	91.2	93.2	92.4
Net debt excl. leases (AL)	97.2	96.9	93.7	94.5	97.1
Net debt excl. leases (AL)/adj. EBITDA AL ¹	2.40	2.40	2.31	2.30	2.32
Net debt incl. leases (IFRS 16)	136.9	137.1	132.3	133.1	135.1
Net debt incl. leases IFRS 16/adj. EBITDA ¹	2.94	2.94	2.82	2.81	2.81
Equity ratio	31.5%	31.9%	31.4%	31.6%	31.2%

Comfort zone ratios

Rating: A-/BBB	
2.25 – 2.75 Net debt IFRS 16/Adj. EBITDA	
25 – 35% equity ratio	
Liquidity reserve covers redemptions of the next 24 months	

Current rating

Fitch:	BBB+	stable outlook
Moody's:	Baa1	stable outlook
S&P:	BBB+	stable outlook

¹ Ratios for the interim quarters calculated on the basis of previous 4 quarters.

Guidance 2024

compared to consensus

€ bn

	Guidance 2024 in € @ 1.08	Guidance 2024 in € @ 1.08 (Cons. f/x)	Consensus in € @ 1.08
Adj. EBITDA AL Group	~42.9	~42.9	43.0
thereof ex US	14.4	14.4	14.5
thereof TMUS	~28.6	~28.6	28.5
FCF AL	~19.0	~19.0	19.0
thereof ex US	~3.5 ¹	~3.5 ¹	3.5
thereof TMUS	~15.6	~15.6	15.5 ²
Adj. EPS in €	>1.75	n.a.	1.81

¹ Includes €0.2 bn of cash returns related to tower transaction. ² Calculated by using the DT pre-results Group consensus of €19.0 bn and subtracting ex US contribution.

Outlook 2024/25 as per annual report 2023 (1/2)¹

€ bn

	2023 pro forma	2024e	2025e
Revenue Group	112.2	Increase	Increase
Germany	25.2	Slight increase	Slight increase
US (in US\$)	78.6	Increase	Increase
Europe	11.8	Slight increase	Slight increase
Systems Solutions	3.9	Slight increase	Stable
Service Revs Group	93.2	Increase	Increase
Germany	22.1	Slight increase	Slight increase
US (in US\$)	63.6	Increase	Increase
Europe	9.8	Slight Increase	Slight increase
Systems Solutions	3.8	Slight Increase	Stable
Adj. EBITDA AL Group	40.6	~42.9	Strong Increase
Germany	10.2	10.5	Increase
US (in US\$)	28.8	30.8	Strong increase
Europe	4.1	4.3	Slight increase
Systems Solutions	0.3	0.3	Slight increase

¹ See annual report 2023 for additional details.

Outlook 2024/25 as per annual report 2023 (2/2)¹

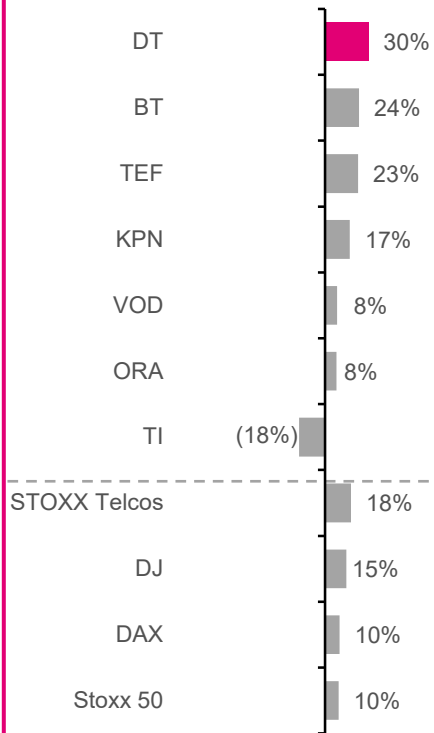
€ bn

	2023 pro forma	2024e	2025e
Cash Capex Group	16.6	~15.9	Stable
Germany	4.6	Slight increase	Slight increase
US (in US\$)	9.8	Decrease	Stable
Europe	1.8	Slight increase	Slight increase
Systems Solutions	0.2	Stable	Stable
FCF AL Group	16.2	~18.9	Strong increase
Adj. EPS in €	1.60	>1.75	Increase
Net debt/adj. EBITDA	2.82x	~2.75x	~2.75x

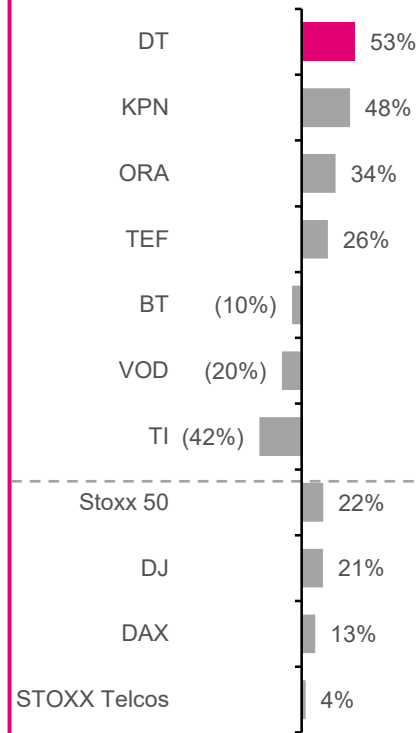
¹ See annual report 2023 for additional details.

Longer term TSR comparisons

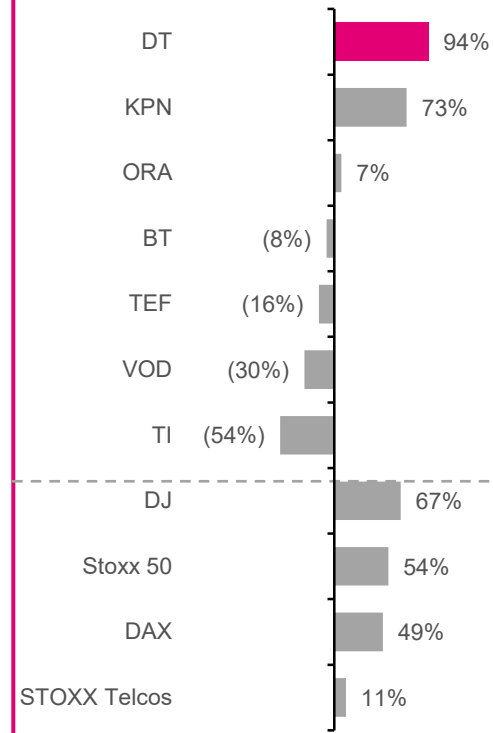
1 Year Performance



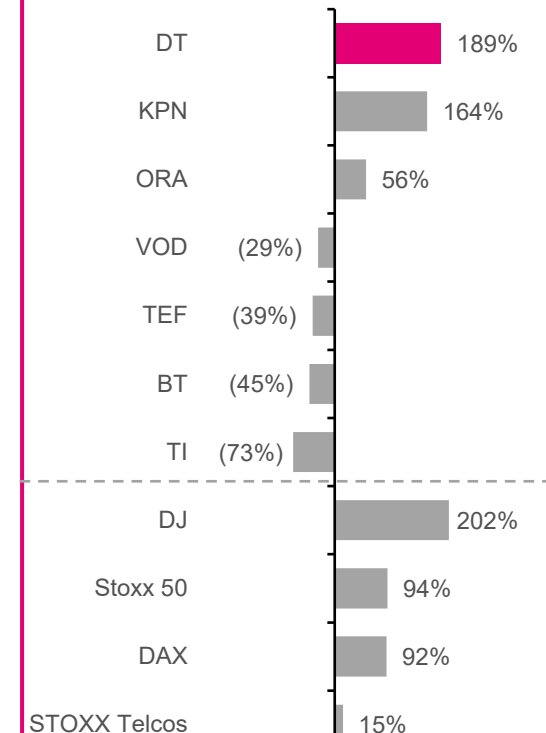
3 Year Performance



5 Year Performance



10 Year Performance



Source: FactSet. Data as per 2. August 2024.

Investor + Analyst Webcast with Q&A session

The conference call will be held on **August 8 at 14:00 CET**, 13:00 GMT, 08:00 EST, 05:00 PST, 22:00 JST

DT Participants: [Tim Höttges](#) (CEO), [Christian Illek](#) (CFO), [Hannes Wittig](#) (Head of IR)



- Live webcast
- Instant replay
- Available on all devices

- Detailed time stamps in video description for slides + Q&A:

Presentation	
👉	Tim Höttges (CEO): Group results + guidance
0:01:11	Welcome
0:01:22	Overview (p#4)
0:03:34	Financials reported: strong growth (p#5)
0:04:30	Financials organic: strong growth (p#6)



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