# Deutsche Telekom FY 2020 results

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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, 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.

# FY 2020 results sector leading growth



### T-Mobile

- Accelerated progress with 5G/integration
- 106m pops passed with 5G in 2.5GHz
- Customer and EBITDA growth ahead of expectations

#### Ex US

- GER: 17 consecutive quarters of EBITDA growth; EU: 12 quarters
- Guidance raised in Q3
- Strong customer growth; 121k GER broadband net adds in Q4

### Group

- 3% revenue organic growth
- · 8% adj. EBITDA AL organic growth
- Delivered FCF AL (€ 6.3bn), adj. EPS (€ 1.2)¹, dividend² (60 cents)
- Leverage without leases 2.4x



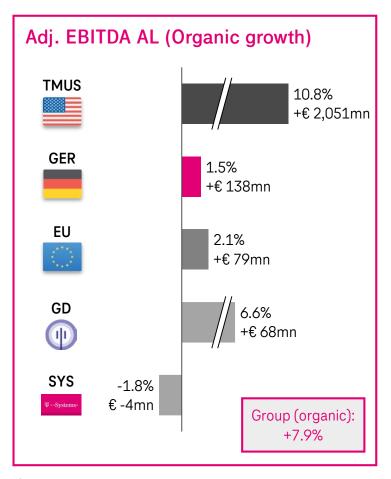
<sup>1)</sup> Includes 17 cents related to Softbank call option valuation

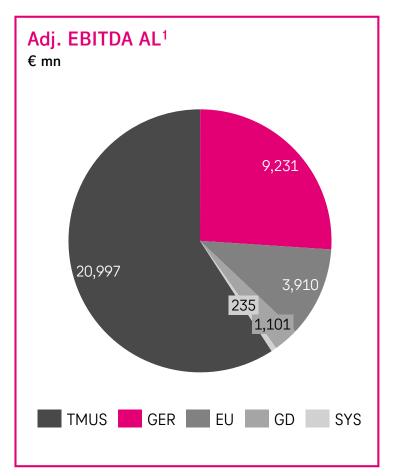
<sup>2)</sup> Subject to AGM approval

## **FY 2020**

# adj. EBITDA AL up 8% organic







FY 2020 Reported growth		
Revenue	+25.4%	
Adj. EBITDA AL	+41.6%	
Adj. EBITDA AL (excl. US)	+3.1%	
Adj. Net profit	+15.5%	
Net profit	+7.5%	
Adj. EPS (in €)	+15.4%	
Free cash flow AL <sup>2</sup>	-10.3%	
Cash capex (excl. spectrum)	+29.4%	
Net debt AL	+53.7%	

<sup>2)</sup> Includes US\$ 1.5bn of merger related cash payments



<sup>1)</sup> Excl. GHS, as reported

## **Portfolio**

# focus on execution



### T-Mobile US

- Sprint merger
- Approved and closed
- · Synergies ahead of plan
- Funding secured
- Related transactions
  - Agreements with Softbank (revised merger terms and call options)
  - Boost disposal
  - Shentel resolution
  - Spectrum acquisitions

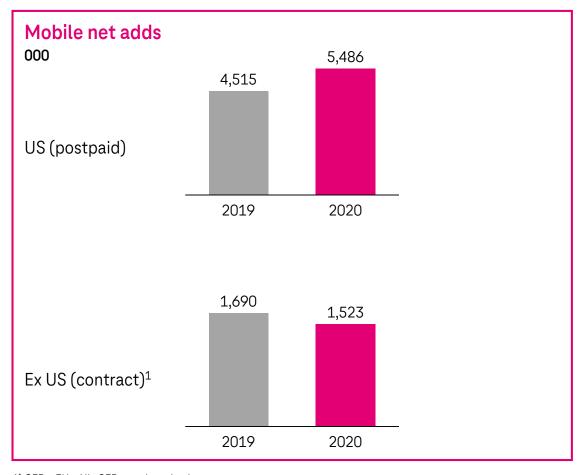
## **Ex US**

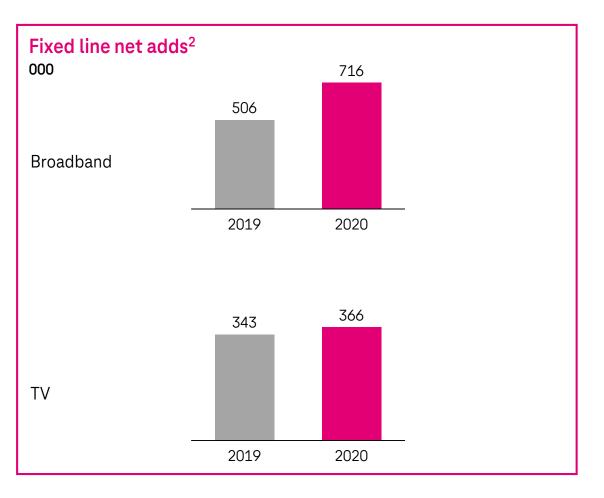
- EU
  - Exit from Romanian fixed line
  - FTTH JV with Cetin in Czech Republic
  - Netherlands
  - Tower merger with Cellnex
  - Acquisition of Simpel MVNO
  - Tele2 integration on track
- DIV
- · Creation of Pan-EU infrastructure fund
- Together with Cellnex



# **Customers** growing strongly







<sup>2)</sup> GER + EU + NL

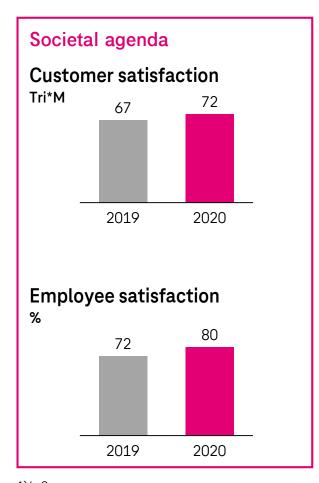


<sup>1)</sup> GER + EU + NL. GER: own brand only

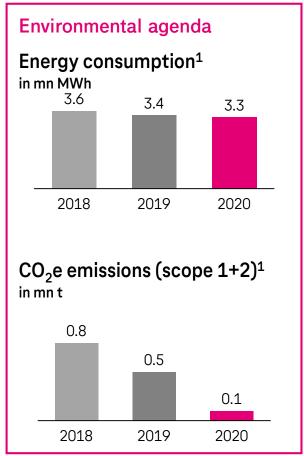
# **Society and Environment**

# progress with ESG agenda









1) In Germany

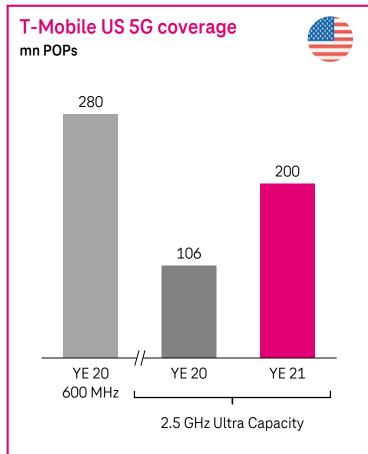


# Networks

# progress with 5G









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## **Networks**

# FTTH acceleration underway

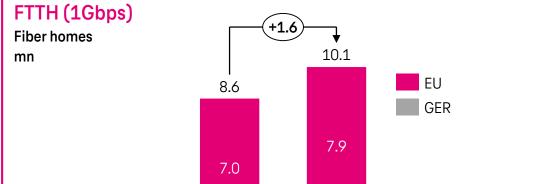


#### Fiber networks

Fiber homes<sup>1</sup> mn



- · 82.5% of German homes provided
- Build-out largely completed



1.6

2019

2.2

2020

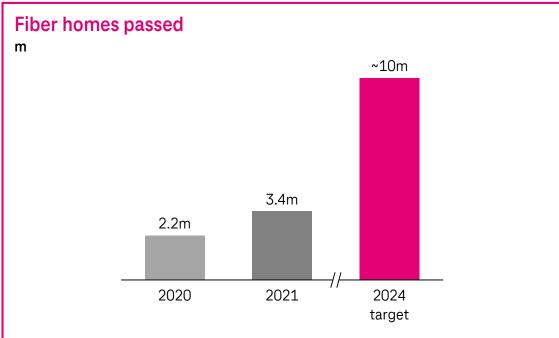
- · Combined 2020 run rate of 1.6mn
- Up from c1mn annual run rate in 2019
- Included in stable ex US capex envelope

1) EU9: ≥ 100Mbit/s coverage: FTTH, FTTB, FTTC (with Vectoring), cable/ED3. GER: FTTC and FTTH/B lines



# further accelerating our FTTH build





Significant FTTH build acceleration towards c2.5m run-rate by 2024

- 100% of Germany to be covered with FTTH by 2030, by DT and others
- DT is uniquely positioned to lead
- · We have a predictable investment framework
- FTTH will extend our proven upsell and grow ARPAs in retail and wholesale
- We are ramping up efficiencies ("Fiber Factory", "Save for Fiber")
- FTTH will drive further growth in revenues and earnings



# DT uniquely positioned to lead



### Infra leadership



- 82.5% of homes passed with dense FTTC connectivity
- 13,000 employees in highly digital & scaled "fiber factory"
- Benchmark collaborations for various buildout models
- · On track for <€ 1,000 cost/home passed

#### **Customer base**



- 14m retail broadband subs, de-risking utilization
- High customer satisfaction and very low churn
- Proven and steady customer upselling path

### Predictable framework



- Established M4M wholesale & retail pricing framework
- Commercial 10-year wholesale agreements with 1&1, TEF DE, Vodafone, and others
- Endorsed by BNetzA
- Government wants to remove rental privilege, and supports with subsidies

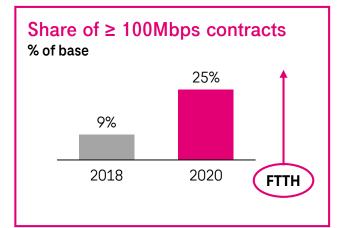
Positive set-up for DT FTTH acceleration

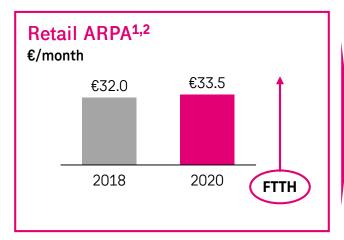


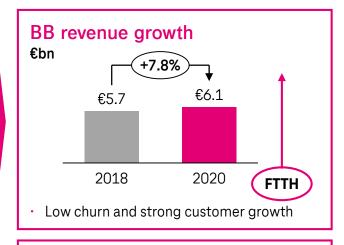
# FTTH extends our proven upsell and growth



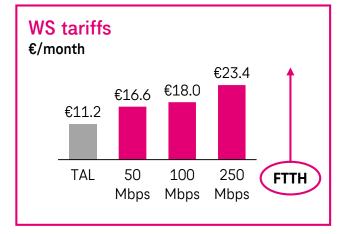


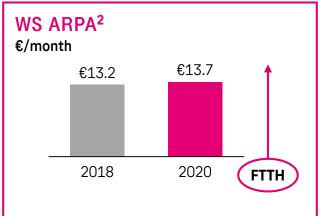


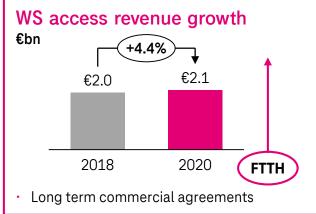












<sup>2)</sup> Values reflect Q4 only



<sup>1)</sup> B2C only

# creating value from fiber



## Revenues

## German FTTH leadership

- Superior, future-proof infrastructure
- 10m homes passed in 2024

## Costs

## (FTTH) cost transformation

- Best-in-class FTTH digitization, scale, and partnerships
- Capex reallocations and efficiencies
- · "Save for fiber"

## **Upselling opportunities**

- Established M4M framework
- Long term commercial wholesale contracts

#### **Cost benefits**

- Lower future network running costs
- Reduced energy consumption & emissions

IRR > WACC <</p>







- Revenues
- EBITDA
- Ex US FCF
- ROCE
- EV

## **Ex US FCF**

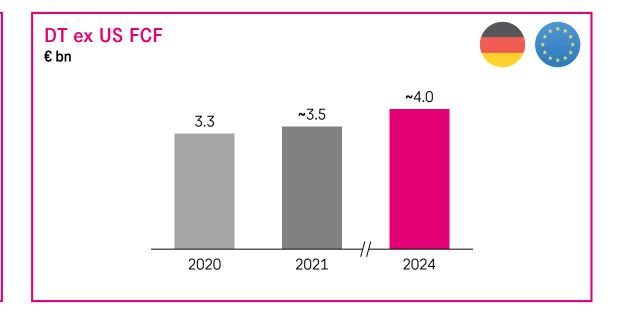
# despite FTTH acceleration, FCF in Europe is growing



## DT ex US Capex outlook



- · 2021 ex US capex stable vs. 2020 (€ 7.7bn)
- 2024 ex US capex around € 0.5bn higher vs. 2021
- · Gradual increase from 2021 to 2024



- Capex envelope driven by
  - Capex reprioritization
  - Deployment efficiencies
  - Area selection

- Ex US FCF growth driven by
  - Revenue growth, from network leadership and upselling
  - Cost efficiencies / "Save for fiber"

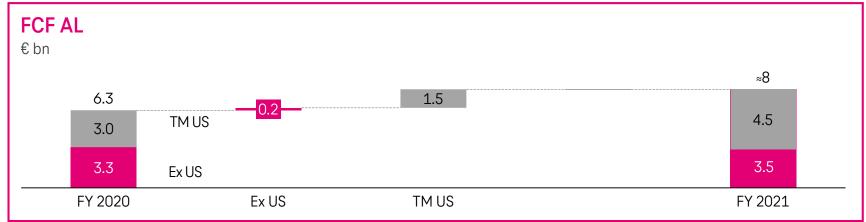


## **Guidance 2021**

# we grow on both sides of the Atlantic







Based on 1 € = US\$ 1.14

TM US EBITDA included at midpoint of US GAAP 2021 guidance of US\$ 26.5bn to 27.0bn, adjusted for estimated bridge of € 0.8bn.

US FCF included at midpoint of US GAAP 2021 guidance of US\$ 4.9bn to 5.4bn.

Ex US with adj. EBITDA AL of around € 14.3bn and FCF AL of around € 3.5bn included in 2021 guidance.



# **Review Q4 2020**

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# **Financials** strong growth

€mn	Q4			FY		
	2019	2020	Change	2019	2020	Change
Revenue	21,361	27,622	+29.3%	80,531	100,999	+25.4%
Adj. EBITDA AL	6,030	8,952	+48.5%	24,731	35,017	+41.6%
Adj. EBITDA AL (excl. US)	3,320	3,413	+2.8%	13,597	14,020	+3.1%
Adj. Net profit	1,016	1,643	+61.7%	4,948	5,715	+15.5%
Net profit	654	1,671	+155.5%	3,867	4,158	+7.5%
Adj. EPS (in €)	0.21	0.34	+61.9%	1.04	1.20	+15.4%
Free cash flow AL <sup>1,2</sup>	1,763	942	-46.6%	7,013	6,288	-10.3%
Cash capex <sup>2</sup>	3,075	5,468	+77.8%	13,118	16,980	+29.4%
Net debt	76,031	120,227	+58.1%	76,031	120,227	+58.1%
Net debt AL	58,248	89,556	+53.7%	58,248	89,556	+53.7%

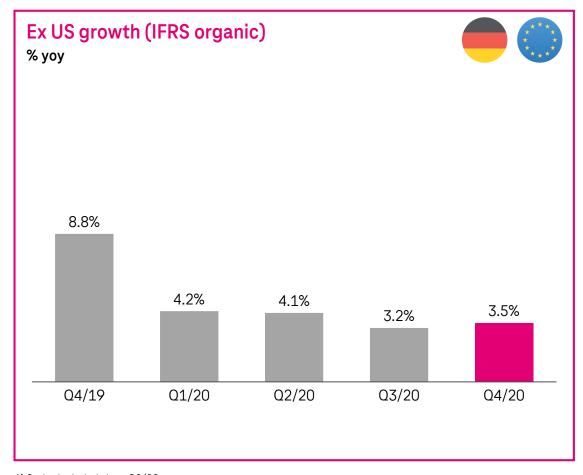
<sup>2)</sup> Free cash flow AL before dividend payments and cash capex before spectrum investment. Spectrum: Q4/19: € 75mn; Q4/20: € 346mn, FY/19: € 1,239mn, FY/20: € 1,714mn

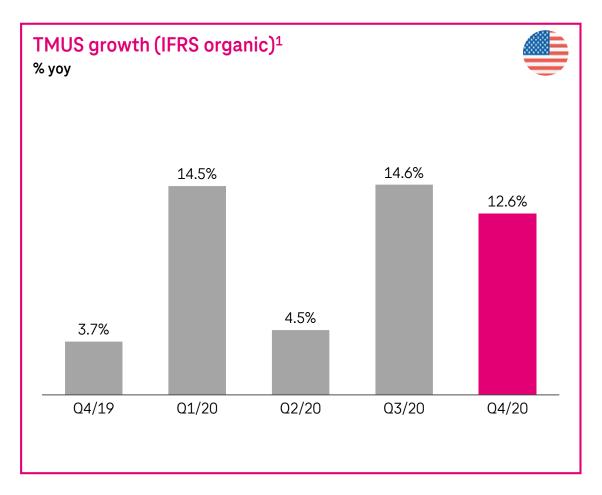


<sup>1)</sup> FY/20 before € 1,600mn zero bond redemption (in Q1) and before € 2,157mn US payer swap payment (in Q2)

## **EBITDA AL**

# growth on both sides of the Atlantic





1) Sprint included since Q2/20



# **Covid-19 impacts** expected headwinds

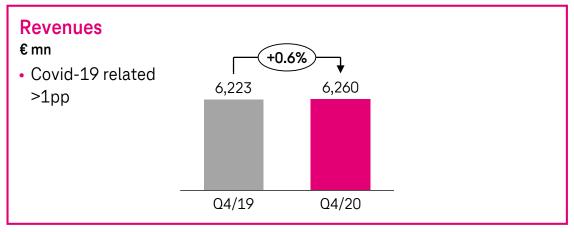
	Maximum possible expo	sure (ex US)	Q4 2020 estimated impact	Outlook 2021
Retail roaming revenue	EU/NL DE	~€ 0.35bn	€ 60mn	Modest improvement
Mobile handset revenue	EU/NL DE	~€ 3.5bn	Limited impact	Limited impact
ICT revenue	DE EU/NL	~€ 9bn¹	~€ 100mn	Ongoing headwind
Fixed call revenue	EU/NL DE	~€ 0.6bn	~+€ 25mn	Less tailwind in 2021
Bad debt	1.4% 0.6% EU/NL DE	~€ 0.3bn	Limited impact	Prudent outlook
Adj. EBITDA AL (ex US)	guidance of €14.0bn deliv	vered .	owth and increased FY 2020 similar as in Q3). FY 2020 total	• EBITDA AL Headwind similar to 2020

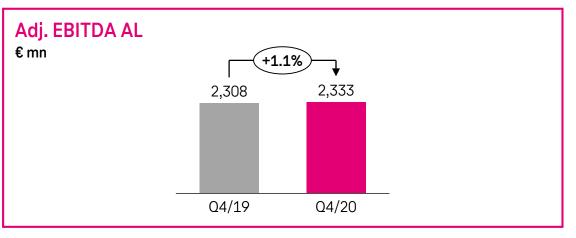
<sup>1)</sup> Split in previous reporting structure

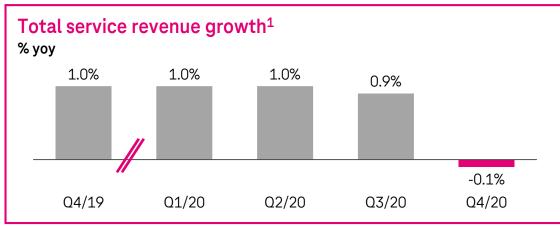
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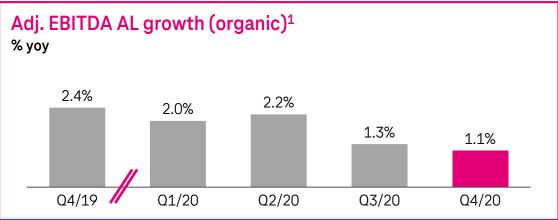
# 17<sup>th</sup> consecutive quarter of EBITDA growth









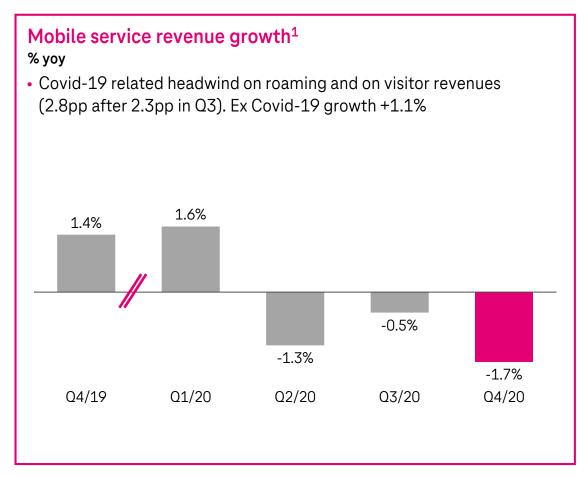


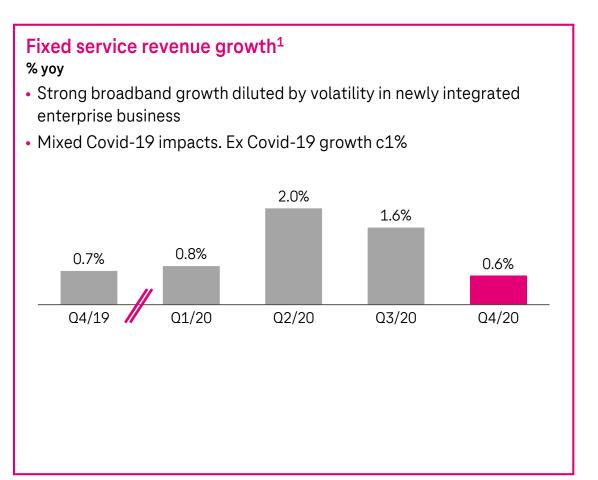
1) 2020 quarterly trends in new reporting structure; TSR Q4/20 ex Covid-19 headwinds c1% yoy



# service revenues impacted by Covid-19 headwinds





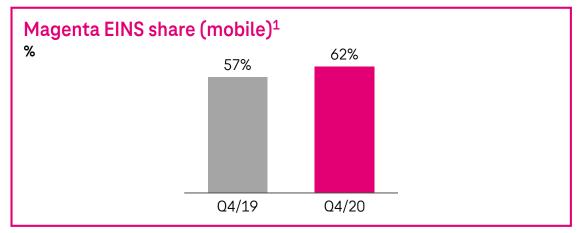


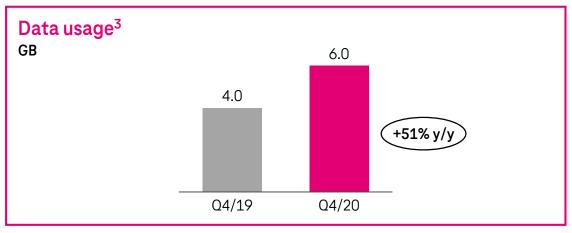
1) 2020 quarterly trends in new reporting structure

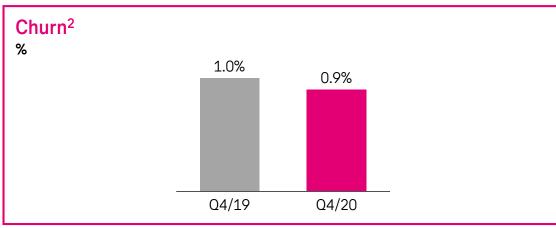


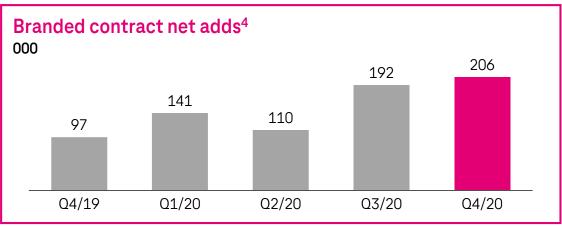
# positive mobile KPIs











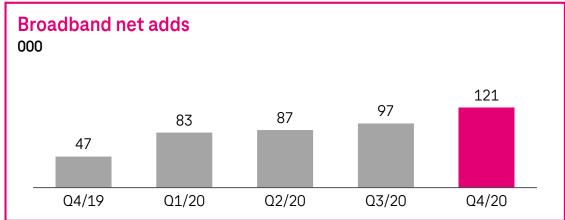
<sup>3)</sup> Per month of B2C T-branded contract customers 4) Of own branded retail customers excl. multibrand

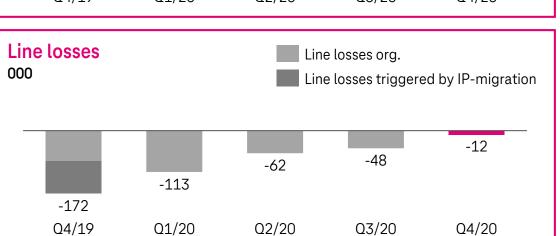


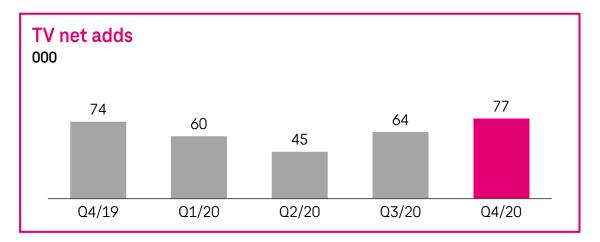
<sup>1)</sup> As % of B2C T-branded contract customers 2) contract excl. Lebara

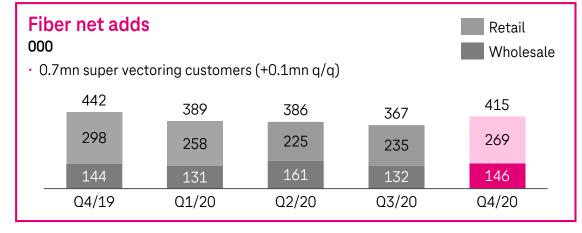
# strong commercials in fixed







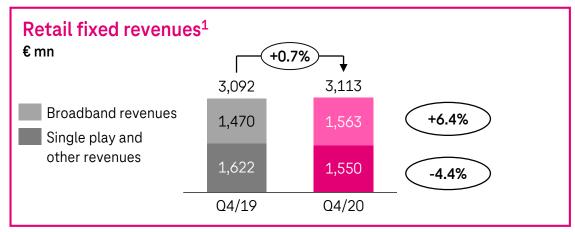


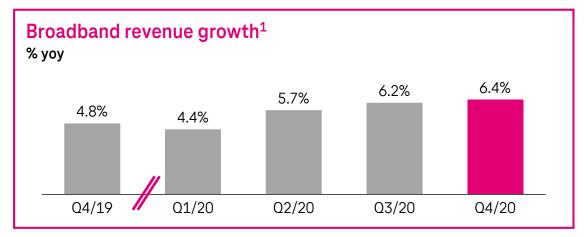


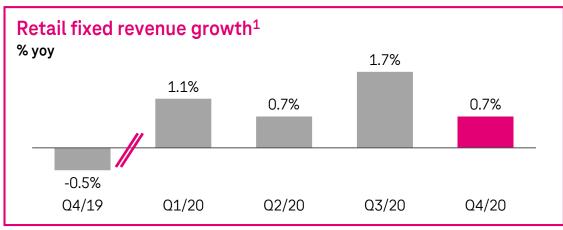


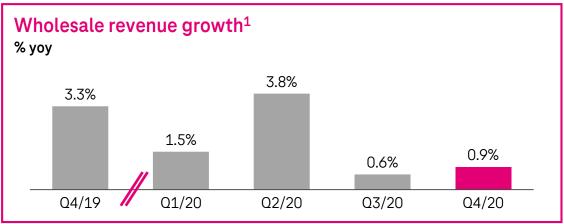
# growth in fixed











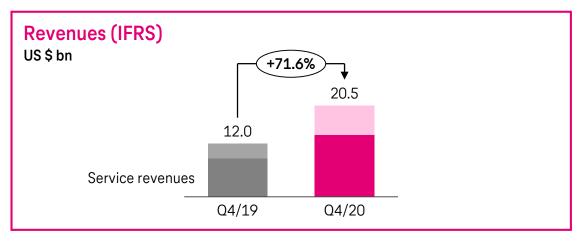


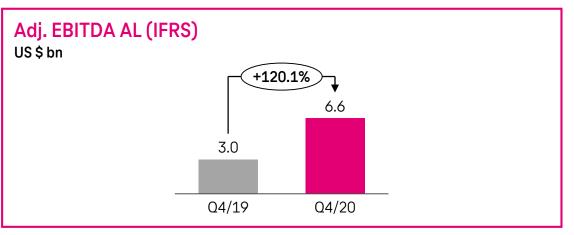
<sup>1) 2020</sup> quarterly trends in new reporting structure

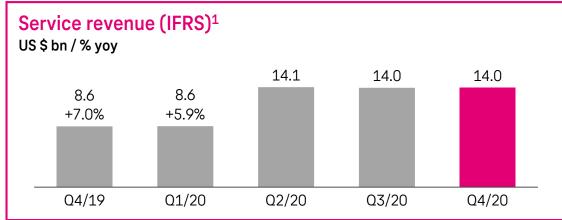
## **T-Mobile**

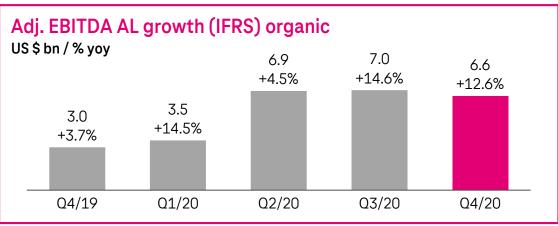
# excellent first year











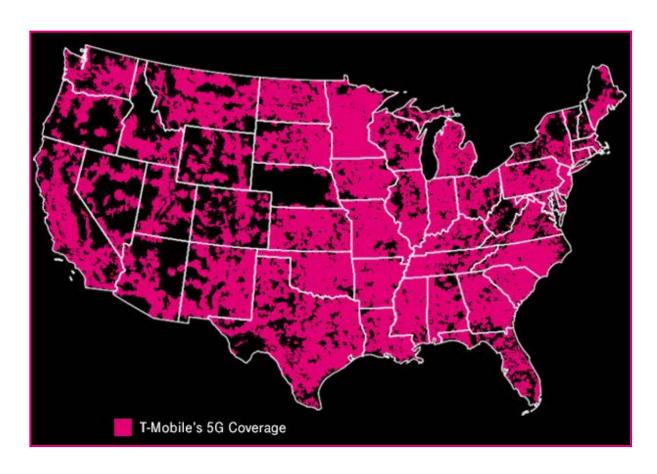
<sup>1)</sup> No restated historic service revenues available for Q2, Q3 and Q4 2020. Revenues attributed to wireline operations and handset insurance services acquired in the Sprint Merger were classified as service revenue in Q4. Q2 2020 and Q3 2020 have been adjusted accordingly

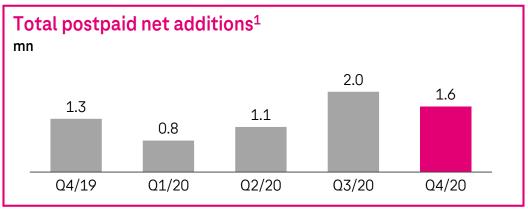


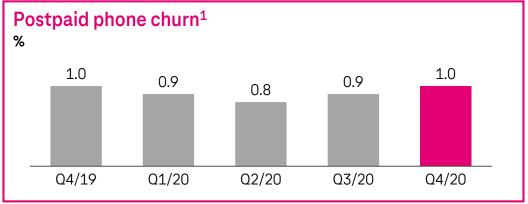
## **T-Mobile**

# industry leading network and strong customer KPIs









1) Q4/19 and Q1/20 excluding Sprint

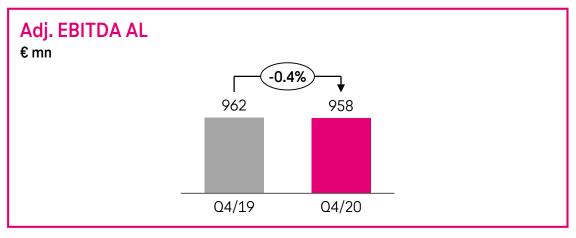


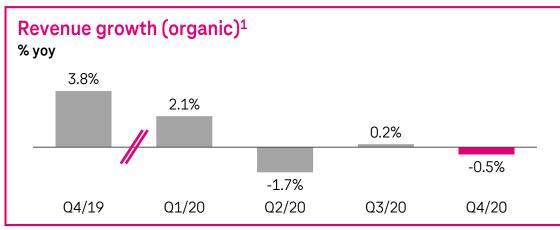
# **Europe**

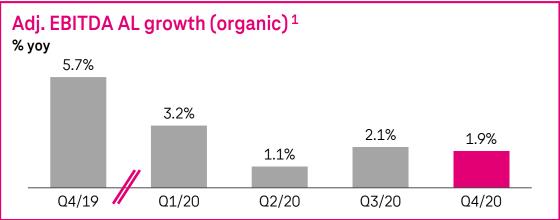
# 12<sup>th</sup> consecutive quarter of organic EBITDA growth











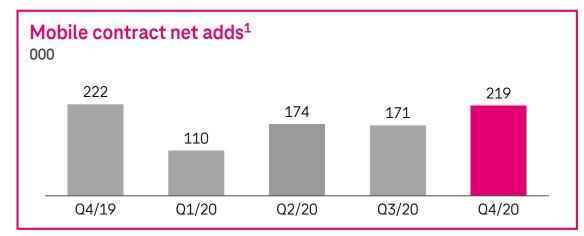


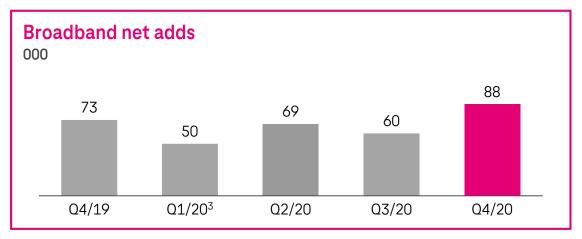
<sup>1) 2020</sup> quarterly trends in new reporting structure

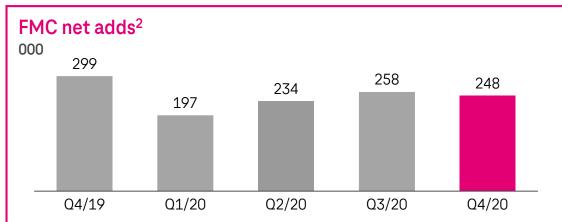
# **Europe**

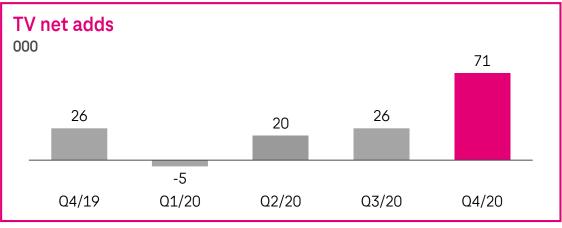
# strong net adds in all categories











1) M2M customers have been re-allocated to prepay as of Q1/20. Historic figures have been adjusted 2) Prior quarters in 2020 re-stated due to an alignment of definition

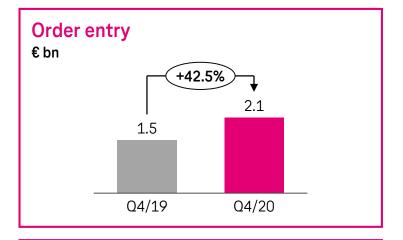
<sup>3)</sup> Organic view. Excludes 15k subs acquired in the Czech Republic

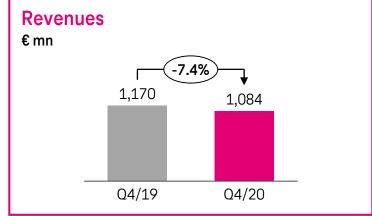


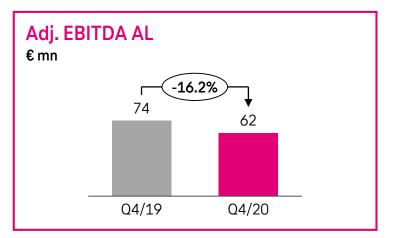
# **T-Systems**

# covid-19 weighs on transformation

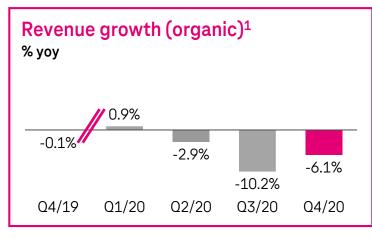


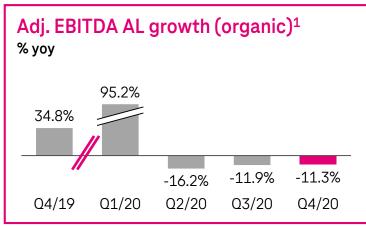






- Order entry benefitted from significant renewals.
- Growth in Cloud, Security and IoT offset by decline in mature businesses.
- Accelerating transformation. Outlook for 2021 stable<sup>2</sup>.





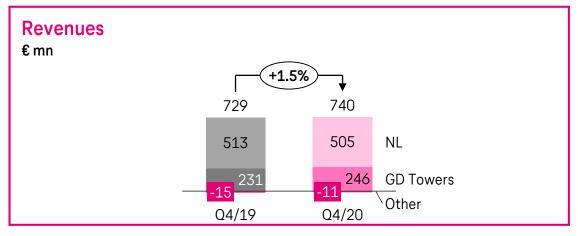
<sup>2)</sup> excl. IoT business transferred to Germany segment Jan. 1st 2021

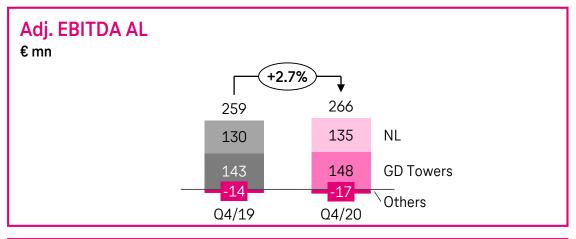


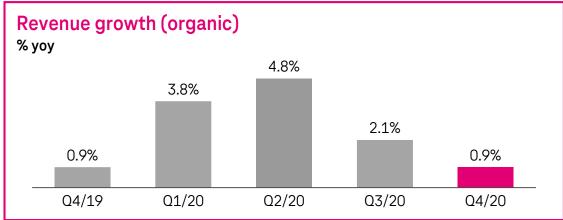
<sup>1) 2020</sup> quarterly trends in new reporting structure

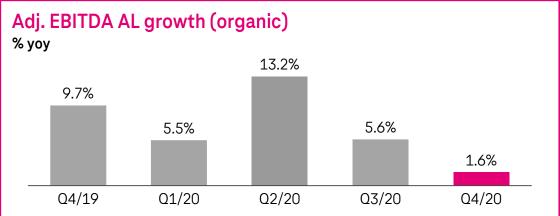
# **Group Development**

# ongoing strong performance







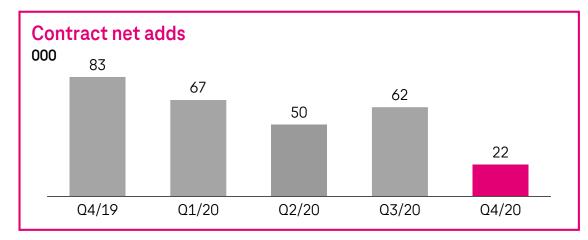


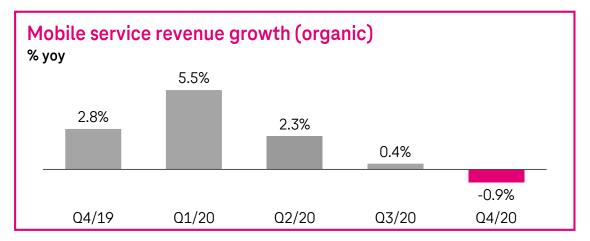


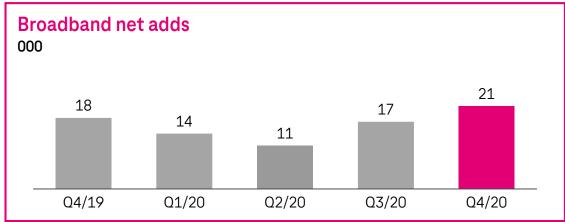
# **GD/TMNL**

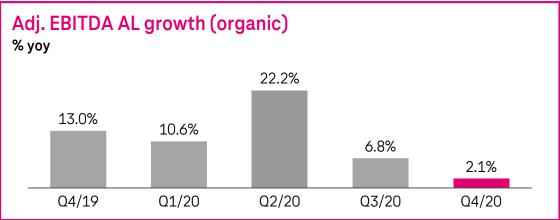
# EBITDA growth continues









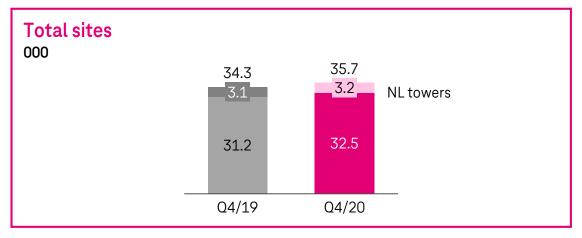


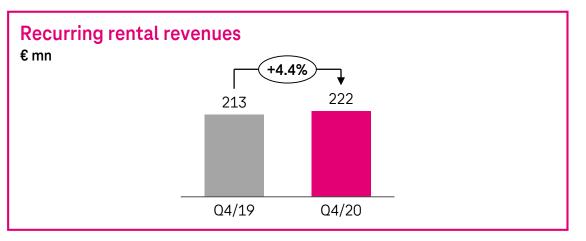


# **GD Towers**

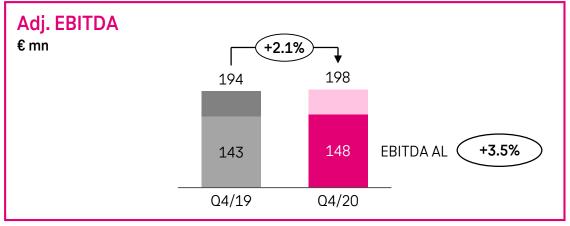
# ongoing expansion







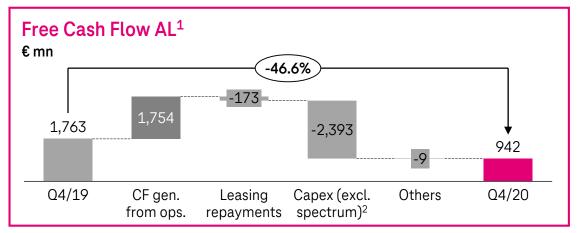


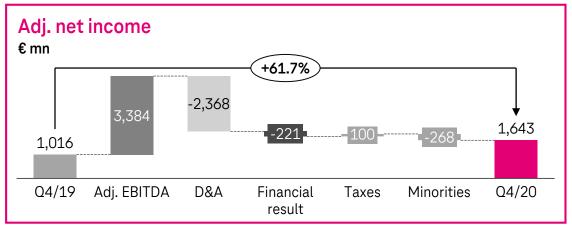


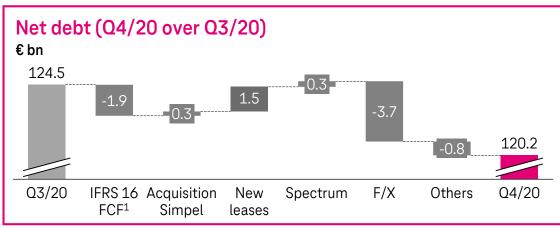


## **Financials**

# FCF delivered, above H1/20 guidance









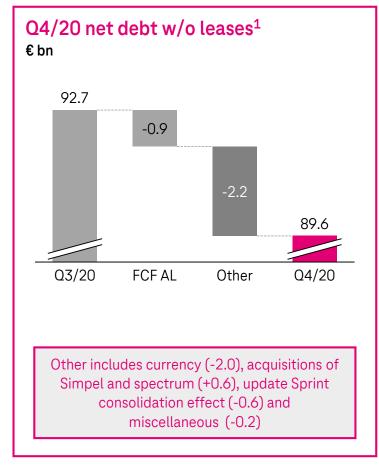
<sup>2)</sup> Excl. Spectrum: Q4/19: € 75mn; Q4/20: € 346mn

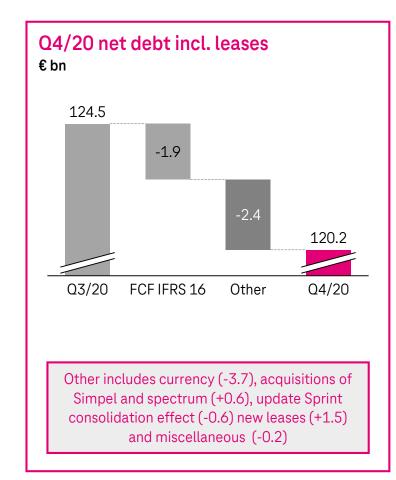


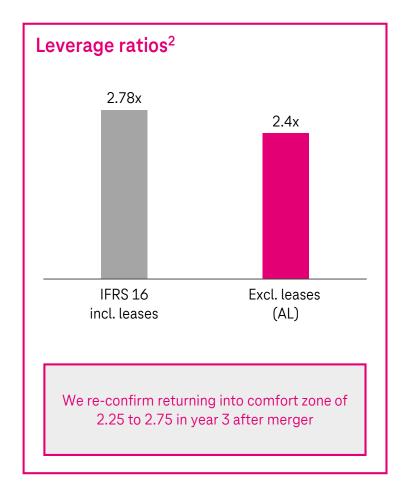
<sup>1)</sup> Free cash flow and FCF AL before dividend payments and spectrum investment

# Net debt analysis

# financial leverage down to 2.4 times







- 1) Net debt w/o leases includes finance leases of TM US
- 2) Based on the previous four quarters, since Q2 including pro forma EBITDA incl. Sprint



## **Balance sheet**

# net debt ratio marginally outside of IFRS 16 comfort zone

€bn	31/12/2019	31/03/2020	30/06/2020	30/09/2020	31/12/2020
Balance sheet total	170.7	173.6	270.0	265.3	264.9
Shareholders' equity	46.2	45.9	73.5	72.0	72.6
Net debt	76.0	77.4	120.9	124.5	120.2
Net debt/Adj. EBITDA¹	2.65	2.64	2.90	2.90	2.78
Net debt w/o leases/adj. EBITDA AL¹	2.4	2.4	2.7	2.5	2.4
Equity ratio	27.1%	26.4%	27.2%	27.2%	27.4%

### Comfort zone ratios

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

## **Current rating**

Fitch:	BBB+	stable outlook
Moody's:	Baa1	negative outlook
S&P: <sup>2</sup>	BBB	stable outlook

<sup>2)</sup> S&P changed rating from BBB+ credit watch negative to BBB stable outlook following the closing of the US transaction in April 2020



<sup>1)</sup> Ratios for the interim quarters calculated on the basis of previous 4 quarters. Since Q2 including historic pro formas for Sprint

# **Appendix**

LIFE IS FOR SHARING

# FCF AL excl. US

€bn	FY 2019	FY 2020
Adj. EBITDA AL	13.6	14.0
Cash Capex	-7.8	-7.7
Proceeds from sale of fixed assets	+0.2	+0.2
Special Factors Cash	-1.3	-1.4
Interest ex leasing	-0.4	-0.6
Cash Taxes	-0.7	-0.6
Other (working capital etc.)	-0.7	-0.4
FCF AL	2.9	3.3



# Outlook 2021/22 as per annual report 2020 (1/2)1

€bn	2020 pro forma	2021e	2022e
Revenue Group	106.7	Slight increase	Stable
Germany	23.6	Slight increase	Slight increase
US (in USD)	76.4	Slight increase	Stable
Europe	11.3	Stable	Stable
Systems Solutions	4.2	Slight decrease	Stable
Group Development	3.0	Slight increase	Increase
Service Revs Group	83.3	Increase	Increase
US (in USD)	55.4	Increase	Increase
Adj. EBITDA AL Group	37.6	37.0	Increase
Germany	9.2	9.4	Increase
US (in USD)	26.8	25.8	Increase
Europe	3.9	3.9	Slight Increase
Systems Solutions	0.3	0.3	Slight increase
Group Development	1.2	1.2	Increase



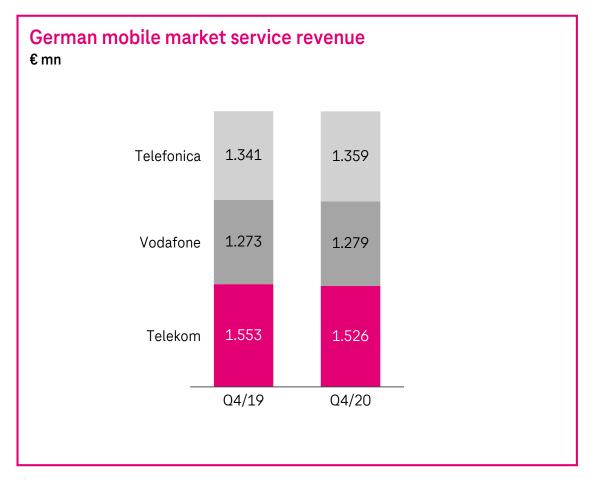
# Outlook 2021/22 as per annual report 2020 (2/2)1

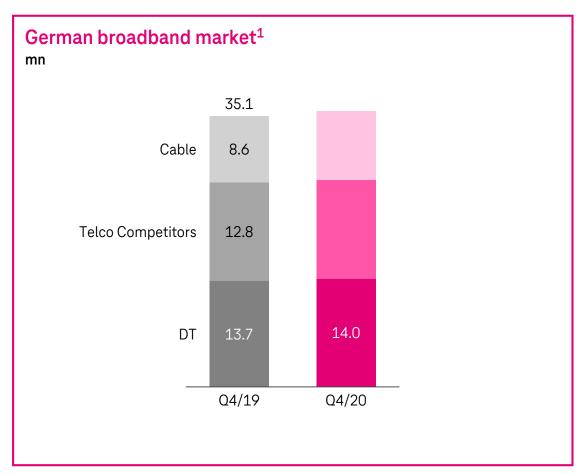
€bn	2020 pro forma	2021e	2022e
Cash Capex Group	17.8	18.4	Stable
Germany	4.2	Stable	Increase
US (in USD)	11.7	Increase	Stable
Europe	1.8	Slight decrease	Stable
Systems Solutions	0.2	Stable	Stable
Group Development	0.5	Strong increase	Increase
FCF AL Group	6.6	around 8.0	Strong increase
Adj. EPS	1.20	Slight decrease	Strong increase
Net debt/adj. EBITDA	2.78x	>2.75x	>2.75x



<sup>1)</sup> See annual report 2020 for additional details

# **German market overview**





1) Based on management estimations



## Conference call with Q&A session

The conference call will be held on February 26 at 2:00 PM CET, 1:00 PM GMT, 8 AM ET. DT Participants: Tim Hoettges (CEO), Srini Gopalan (CEO Germany), Christian Illek (CFO), Hannes Wittig (Head of IR)

#### Webcast

- The link to the webcast will be provided 20 minutes before the call starts: https://www.telekom.com/20Q4
- To ask a question, just type your question into the box below the stream
- We webcast in HD Voice Quality
- The **recording will be uploaded to YouTube** after the call

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UK	0808 2380676	+ code 1265248#
US	+1 866 2201433	+ code 1265248#
Other	+49 69 22222624	+ code 1265248#

NEW: to participate in the dial-in conference please register via the following link:

https://registration Q4 2020 results DTAG



# **Further questions**

# please contact the IR department

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