Investor presentation Telefónica Deutschland

Telefónica Deutschland, Investor Relations Q4 2018



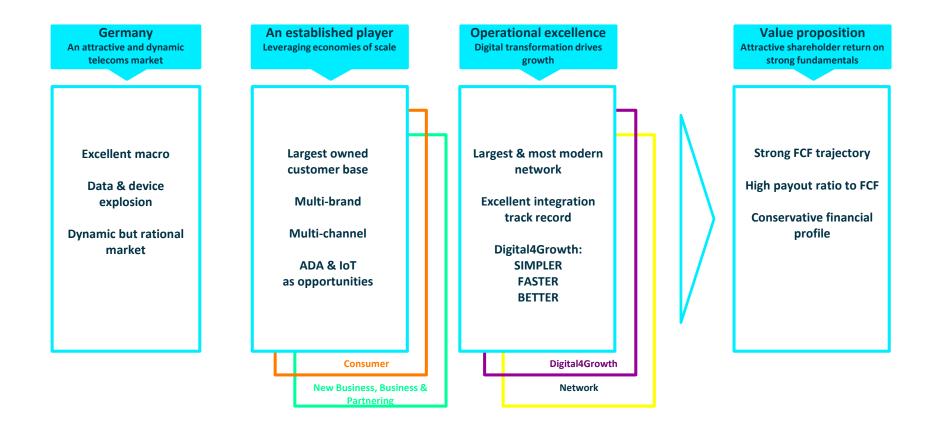
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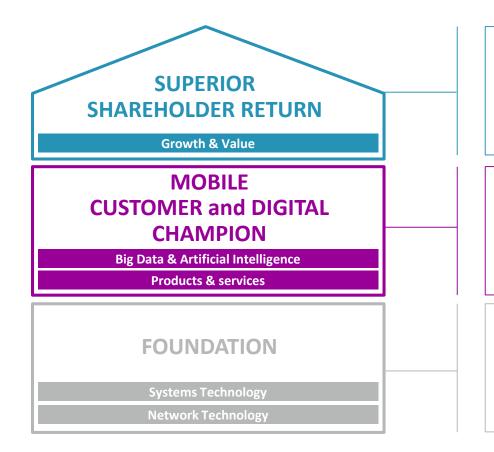
The Telefónica Deutschland Equity Story: Becoming the Mobile Customer & Digital Champion



¹ Excluding regulatory effects



Strategic priorities of Telefónica Deutschland



We will generate Superior Shareholder Return including a strong dividend commitment

We will become Germany's Mobile Customer and Digital Champion by focussing on CEX & digitalisation

We have **strong foundations**: Integration success, customer base, outstanding connectivity & lean organisation



The German market thesis





Environment

Largest 4 to 3 merger in Europe, rational and dynamic market; mobile data usage increase and IoT drive market opportunity with focus on retention and fair market share

Data & sensors



Device & sensor opportunity: Consumer will mainly buy IoT from an existing relationship



Convergence

Soft convergence: Limited consumer demand for quadruple play due to large FTA offering; wholesale access to incumbent broadband network



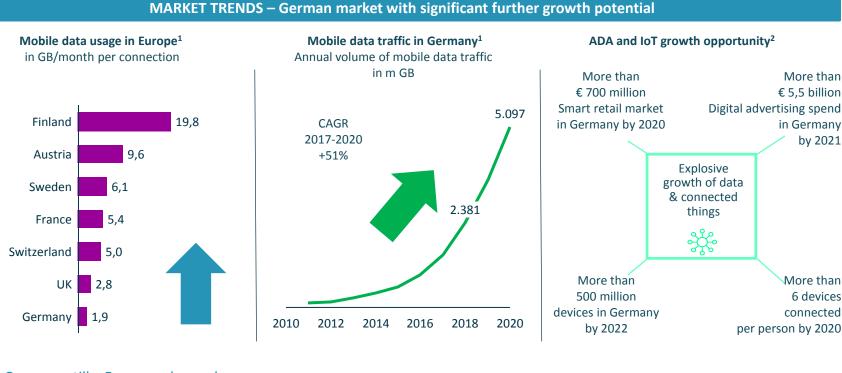
New regulatory environment

Europe needs a common regulatory framework on spectrum, as well as deregulation and a consistent framework for OTT & net neutrality to encourage investments

¹Arbeitsagentur (Dec 2018)



The data & device opportunity: Expecting explosive growth



- Germany still a European laggard in terms of customer data usage
- Further opportunities from growing LTE adoption

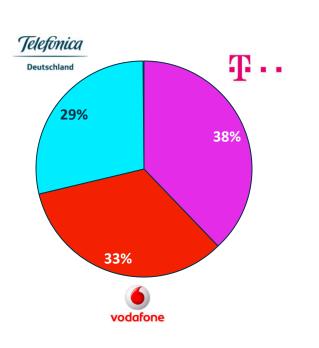
- Music & video streaming as usage drivers
- Trend to 3 GB/month for LTE customers
- Device & sensor opportunity: Consumer will mainly buy IoT from an existing relationship

² Company Research / Simon-Kucher & Partners analysis (2017) / Cisco VNI Global forecast (2017) / Please note: Devices including cellular, wifi & Bluetooth



Source: ¹Analysys Mason "Western Europe telecoms market trends and forecasts 2018–2023", 29.10.2018

Competitive environment Germany

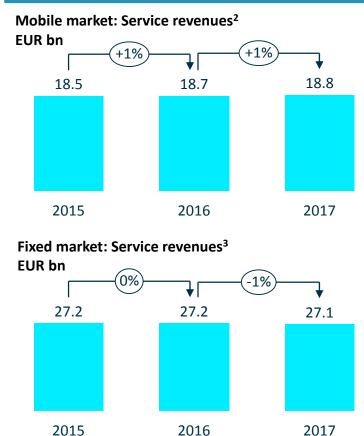


Rational and balanced market structure¹

- Rational market following 4 to 3 consolidation
- Tiered mobile data portfolios enabling data monetisation

¹ Market share of MSR based on reported financials by MNOs for Q2 2018

Market development in past years



² Mobile service revenues (external revenues) excl. hardware revenues; Source: Bundesnetzagentur (German national regulator) "Jahresbericht 2017" as of May 2018

³ Fixed service revenues (external revenues) in telecommunications and hybrid fixed coax (HFC) networks excl. hardware revenues; Source: Bundesnetzagentur (German national regulator) "Jahresbericht 2017" as of May 2018



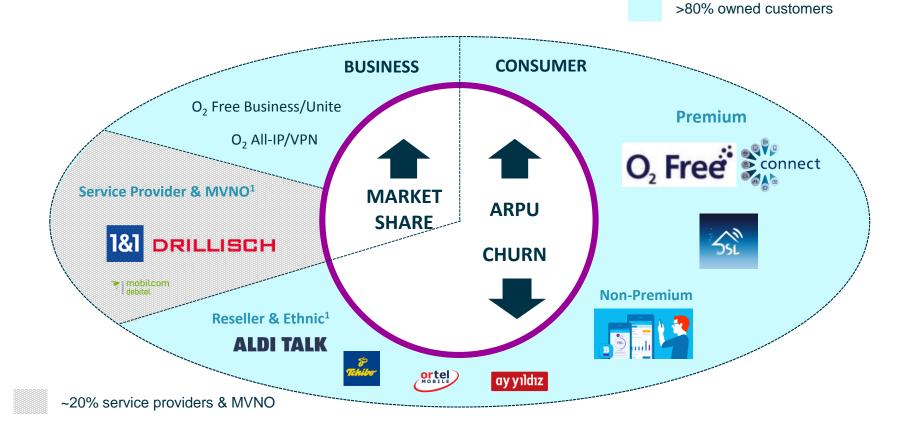
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The new Telefónica Deutschland: Largest & fastest merger now completed





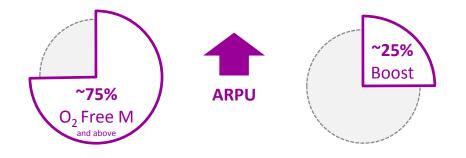
Future-proof portfolios across all segments with largest owned customer base of ~35 million



¹Not exhaustive



Building the Mobile Customer & Digital Champion; focus on customer experience







Deutschland

O₂ Free, my All in One & DSL portfolio

2019 O₂ Free connect + boost



Double data and **Sconnect** feature for additional EUR 5 for O₂ Free _S, M and L

2019 O₂ my All in One

2018 O₂ DSL



can be activated for an additional EUR 20 for unlimited



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O₂ my Home S³

10 MBit/s DSL

DSL Download bis zu 10 MBIts Upload bis zu 2,4 MBIts

% Telefon-Flat kostenios in alle dt. Netze

④ 49,99 € Anschluss
 ④ 0,- € Bereitstellun

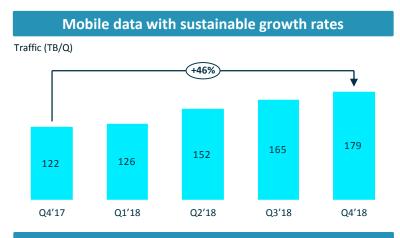
14,99

ab dem 13. Monat 24.99 4

Produktinformationsbiatt

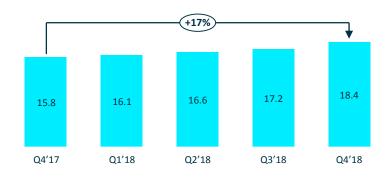
Effektivpreis pro Monat: nur 22,07 € ①

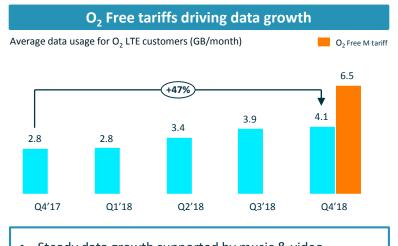
Data usage driven by large data buckets in the updated O₂ Free portfolio



LTE customer base further increasing

LTE customers (in million)

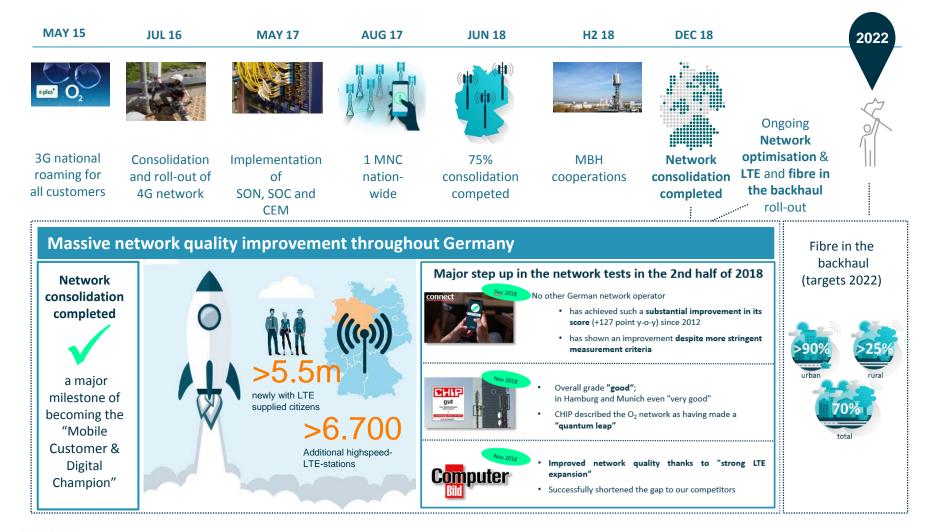




- Steady data growth supported by music & video streaming; data traffic up +46% y-o-y
- LTE adoption drives LTE customer base up +17% y-o-y to 18.4 million
- Average data usage of O₂ LTE customers climbs to >4GB per month
- O₂ Free customers with even higher usage of more ~6.5GB of data in the most popular tariff



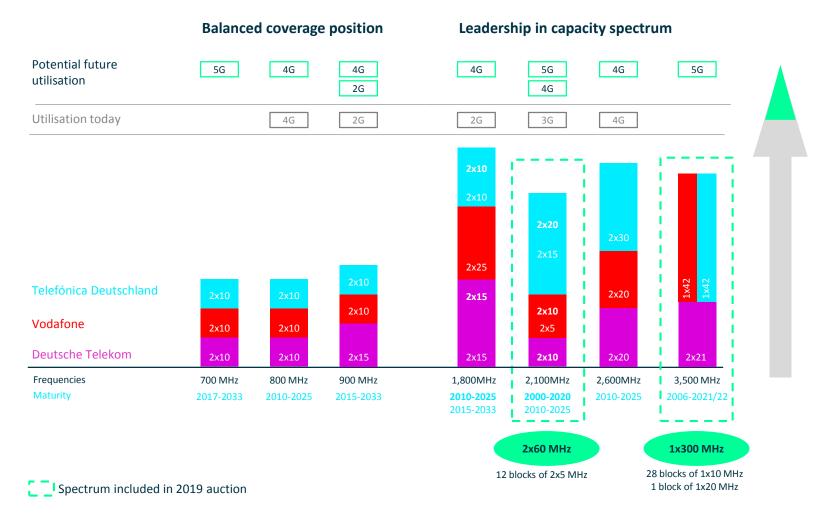
We have completed our network consolidation successfully and are ensuring 5G readiness for the future





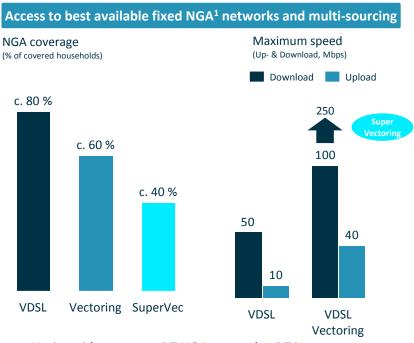
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Future-proof spectrum setup to enable best customer experience



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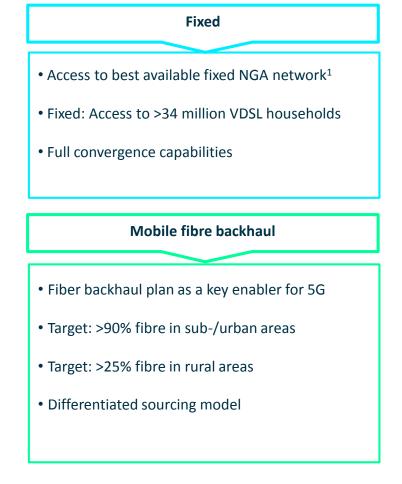
Fixed infrastructure model to complement our mobile network for best high-speed experience



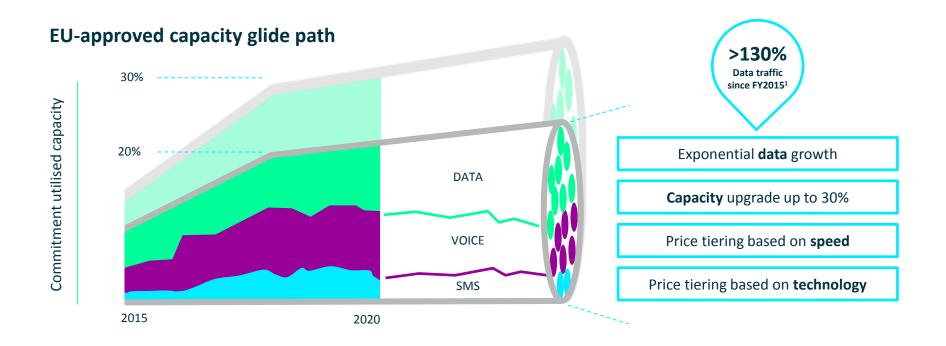
- Nationwide access to DT NGA network DT is currently focussed on upgrading VDSL to Vectoring and SuperVectoring
- Cooperation with vitroconnect started in Q4 to access footprints of alternative carriers – 1st partner is EWE TEL

¹ NGA: Next Generation Access including VDSL, Vectoring and future FTTX deployments





MBA MVNO contract economics: Four levers for revenue growth

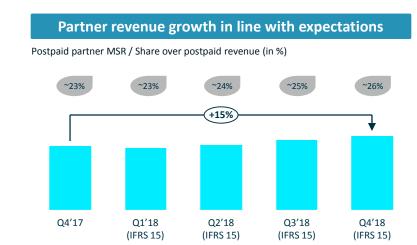


¹ Telefónica Deutschland mobile network traffic



Rational market environment across segments; strong partner trading

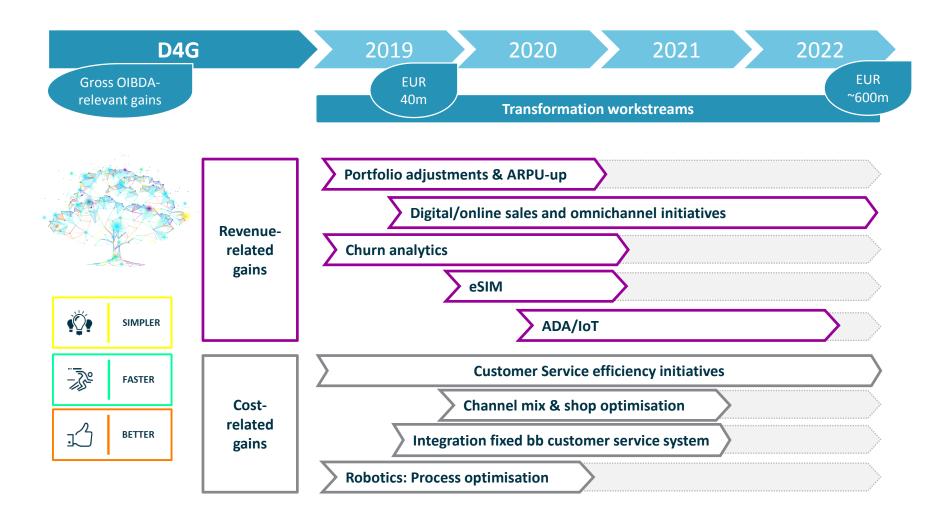




- Rational, yet dynamic market environment; maintaining our focus on fair market share
- Partner trading with strong gross adds; reflecting seasonality and migration trends
- Partner revenue continues to grow in line with expectations q-o-q and y-o-y on the back of data growth & the dynamics of the MBA MVNO contract

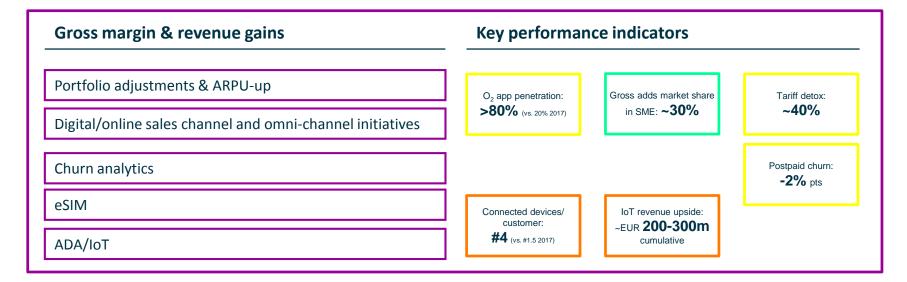


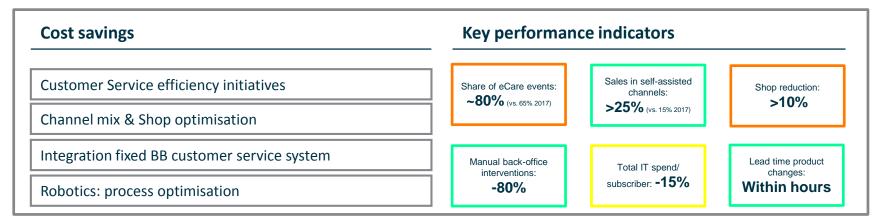
Digital4Growth – Key Transformation drivers in 2019





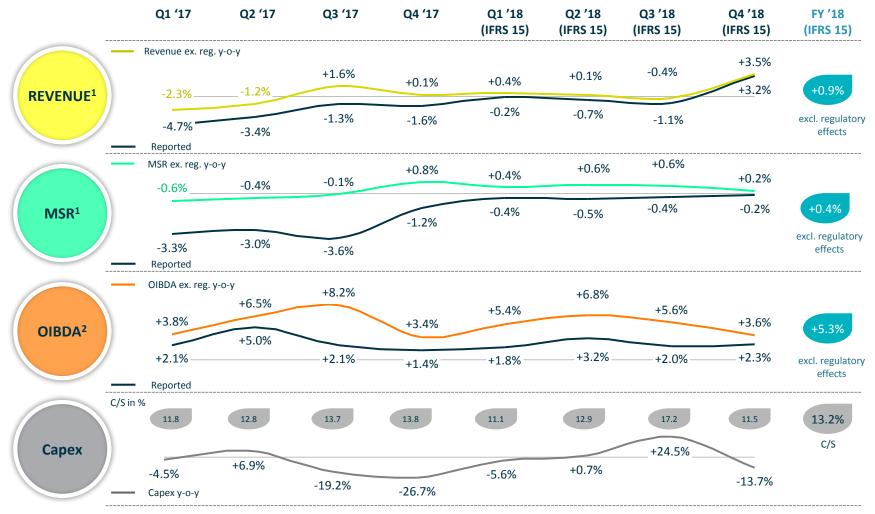
Digital4Growth – Key Transformation areas







Operational and financial trends solid

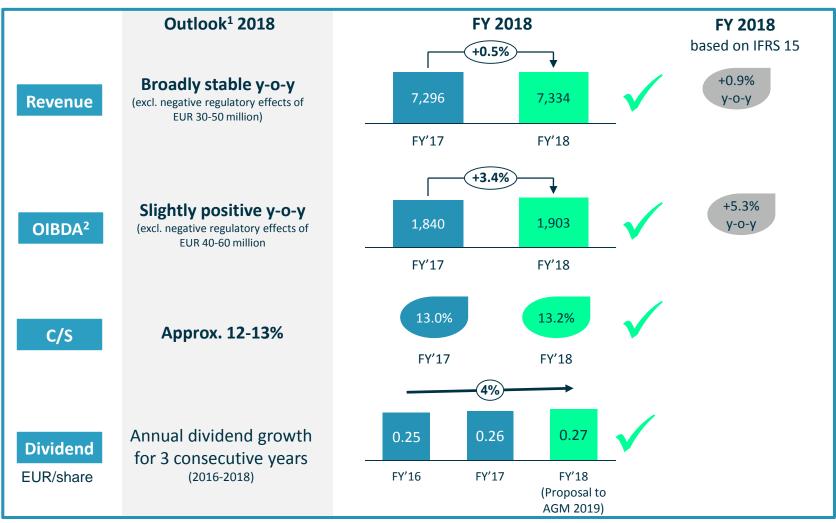


¹ Excluding the negative impact from regulatory changes and y-o-y comparison based on IAS18 accounting standards for 2017 and IFRS15 for 2018. Including base fees and fees paid by our customers for the usage of voice, sms and mobile data services. Also, access and interconnection fees as well as other charges levied on our partners for the use of our network are included

² Adjusted for exceptional effects, excl. the negative impact from regulatory changes and y-o-y comparison based on IAS18 accounting standards for 2017 and IFRS15 for 2018. For details please refer to additional materials of the Q4 2018 results release



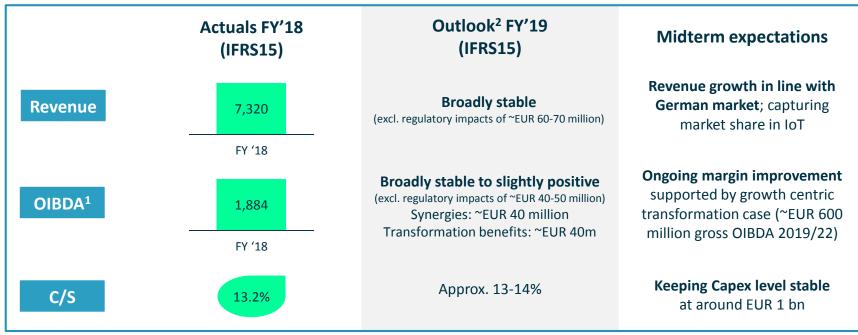
2018 results – Guidance achieved on all metrics



¹ The effects from the implementation of IFRS15 as of 1 January are not reflected in the financial outlook ² Exceptional effects such as restructuring costs or the sale of assets are excluded



Outlook 2019: Building on 2018 achievements as we move from integration to transformation



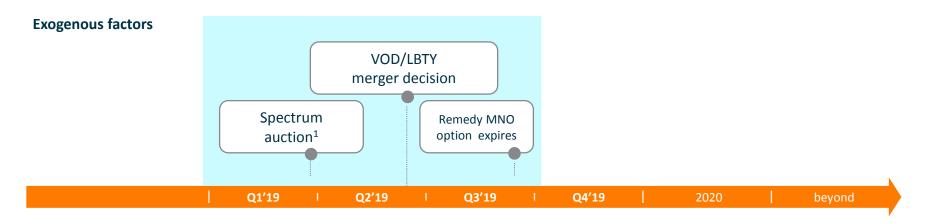
- Underlying revenue reflect tailwinds from ARPU-up strategy supported by new O₂ Free tariffs which help to counteract ongoing legacy base management topics, while we continue to leverage our many long-term partnership contracts
- OIBDA benefits from integration and transformation savings, partly offset by commercial and transformation invest; transformation savings to gradually ramp-up throughout 2019 and over the course of our four year D4G programme
- Re-iterating midterm expectations: Expecting to growth with the market, strong confidence in our ability to grow FCF and continue to support a high dividend pay-out ratio to FCF
- Review of leverage target in light of IFRS 16, whilst maintaining investment grade rating

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¹ Exceptional effects such as restructuring costs or the sale of assets are excluded

² The effects from the implementation of IFRS 16 as of 1 January 2016 are not reflected in the financial outlook.

Underlying business solid; key drivers for 2019 with challenges and opportunities



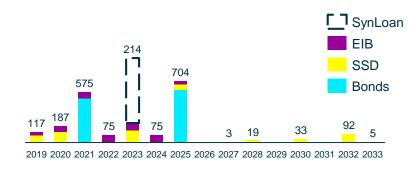
Org. business development

Consumer / Own brands	Churn-down, ARPU-up -> Growth in line with market
Long-term partnerships	Solid revenue streams, growing smartphone penetration → Profitable growth
Transformation	Revenue opportunities & efficiencies → ~EUR 600 million cumulated gross OIBDA benefits by 2022
Network development	LTE rollout, fibre in the backhaul, co-invest models $ ightarrow$ Quality improvement $ ightarrow$ Upside to commercial pricing

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Comfortable liquidity position as per 12/2018

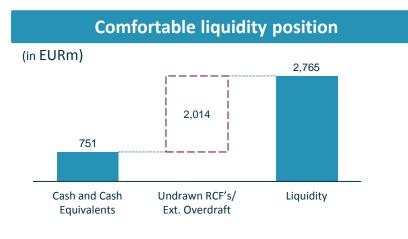
Smooth maturity profile and diversified financing mix (in EURm)

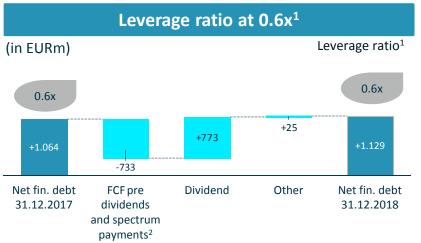


Telfisa Bilateral RCFs EUR 500mn EUR 710mn

Financing and interest mix







¹ For definition of net financial debt & leverage ratio please refer to Q4 2018 earnings release

² FCF pre dividend & spectrum payments is defined as the sum of cash flow from operating activities & cash flow from investing activities

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Attractive shareholder remuneration policy

Shareholder remuneration policy – Main guidelines¹

Maintain high pay-out in relation to FCF

Consider expected future cash flows in dividend proposals

Review of the self-defined leverage ratio of at or below 1.0x to in 2019 in order to reflect the implementation of IFRS 16 as of 1 Jan 2019

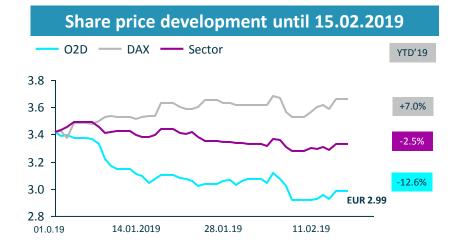
Annual dividend growth over 3 years: EUR 0.25/share for 2016, EUR 0.26/share for 2017; proposal of EUR 0.27/share for FY 2018 to AGM



¹ Refer to the Telefónica Deutschland website for full dividend policy (www.telefonica.de)



O2D Factsheet



Telefónica Deutschland at a glance Market segment Prime Standard

Market segment	Prime Standard
Industry	Telecommunications
Shares outstanding	2,974,554,993 shares
Share capital	EUR 2,974.6 m
Market cap (as of 31.12.2018)	EUR 10,167.0 m
Share price (as of 31.12.2018)	EUR 3.42

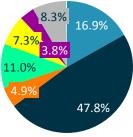
Shareholder structure as of 31.12.2018¹



26.40% 40% 69.20%

Regional split of shareholder structure⁴





¹ Status: 31 December 2018

- ² Telefónica Germany Holdings Limited is an indirect wholly owned subsidiary of Telefónica S.A.; Status: According to shareholder register as of 31 December 2018
- ³ Status: 31 December 2018 according to KPN press release as of 30 January 2019

⁴ Source: NASDAQ; Shareholder ID as of October 2018



The team: Telefónica Deutschland board members



Markus Haas Chief Executive Officer



Markus Rolle Chief Financial Officer



Wolfgang Metze Chief Consumer Officer



Alfons Lösing Chief Partner & Business Officer



Cayetano Carbajo Martín Chief Technology Officer



Guido Eidmann Chief Information Officer



Valentina Daiber Chief Officer Legal & Corporate Affairs



Nicole Gerhardt Chief Human Resources Officer



Investor Relations contact details



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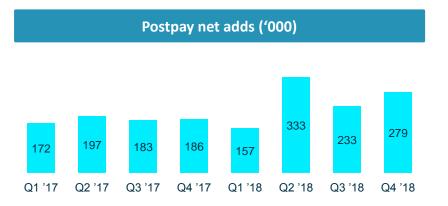




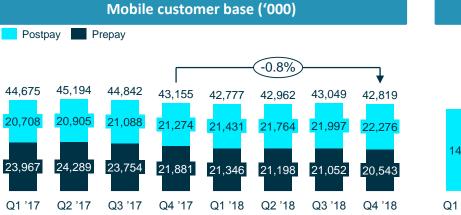
Appendix - KPIs

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Mobile KPIs



Prepay net adds ('000) -6431 322 183 -148 -145 -535 -535 -509 -1,873 Q1 '17 Q2 '17 Q3 '17 Q4 '17 Q1 '18 Q2 '18 Q3 '18 Q4 '18



LTE customer base (in m)



¹Underlying mobile prepaid net adds: technical customer base adjustment driven by IT-harmonisation post prepay customer migration of -1.230k



Mobile KPIs



Postpay ARPU (EUR)

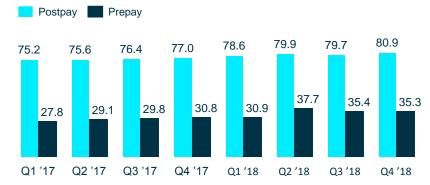
Smartphone penetration (%)¹



Prepay ARPU (EUR)



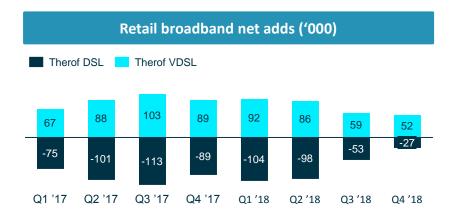
Smartphone penetration O₂ consumer (%)



¹ Smartphone penetration is based on the number of customers with a smallscreen tariff (e.g., for smartphones) divided by the total mobile customer base less M2M, less customers with a big screen tariff

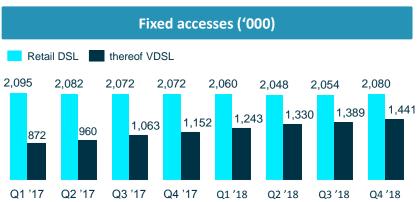


Fixed line KPIs

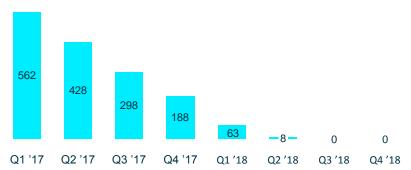


Wholesale net adds ('000)





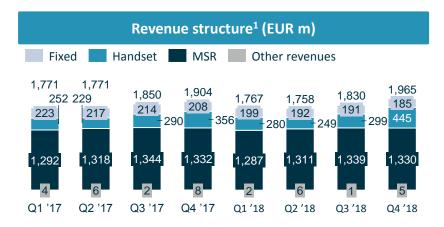
Wholesale accesses ('000)¹

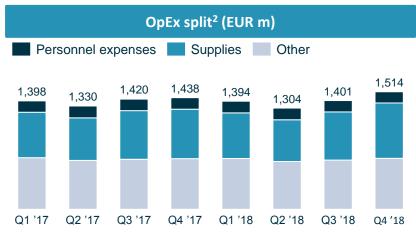


¹ Wholesale accesses incorporate unbundled lines offered to 3rd party operators, including wirelines telephony and high-speed Internet access



P&L

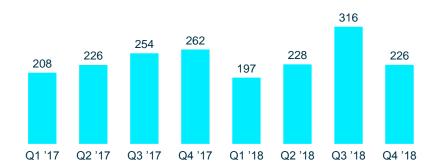




OIBDA (post GF, pre exceptional effects / EUR m)¹



CapEx (EUR m)



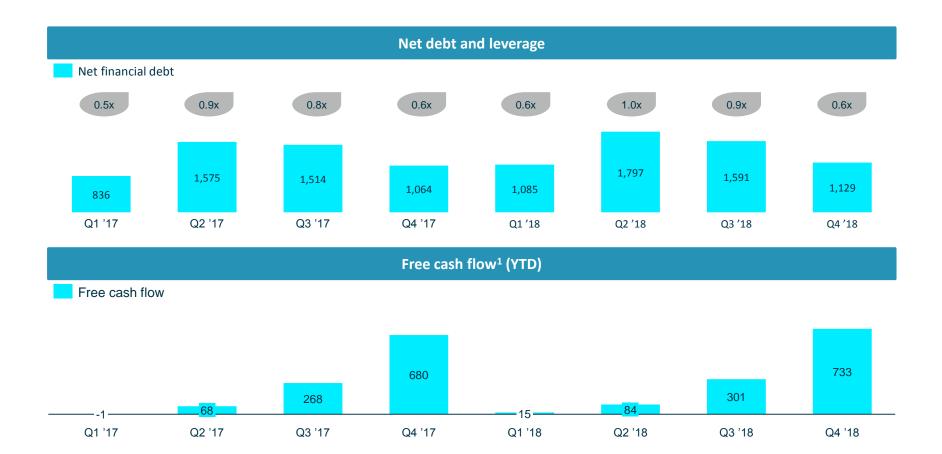
¹ Excluding the negative impact from regulatory changes and y-o-y comparison based on IAS18 accounting standards for 2017 and IFRS15 for 2018

² Adjusted for exceptional effects, excl. the negative impact from regulatory changes and y-o-y comparison based on IAS18 accounting standards for 2017 and IFRS15 for 2018. For details please refer to additional materials of the Q3 2018 results release ³ Opex-split before exceptional effects

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Financials



¹ Free cash flow pre dividends and payments for spectrum is defined as the sum of cash flow from operating activities and cash flow from investing activities and does not contain payments for investments in spectrum in June 2015 as well as related interest payments



Quarterly detail of relevant financial and operating data for Telefónica Deutschland

Financials	2017					2018				
	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Revenue (excl. regulatory effects)	1,771	1,771	1,850	1,904	7,296	1,778	1,773	1,843	1,970	7,364
Mobile service revenues (excl. regulatory effects)	1,292	1,318	1,344	1,332	5,287	1,298	1,326	1,351	1,335	5,310
Revenue	1,771	1,771	1,850	1,904	7,296	1,767	1,758	1,830	1,965	7,320
OIBDA (post Group fees) adjusted for exceptional & regulatory effects	401	472	468	499	1,840	422	504	494	517	1,938
OIBDA (post Group fees) adjusted for exceptional effects	401	472	468	499	1,840	408	487	478	511	1,884
CapEx excl. investments in spectrum	208	226	254	262	950	197	228	316	226	966
C/S Ratio (based on Revenue)	11.8%	12.8%	13.7%	13.8%	13.0%	11.1%	12.9%	17.2%	11.5%	13.2%
Revenue and Opex related Synergies	~35	~40	~40	~45	~160	~35	~30	~25	~10	~100

Accorror	2017					2018				
Accesses	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Total Accesses	49,550	49,907	49,403	47,604	47,604	47,075	47,180	47,268	47,089	47,089
o/w Mobile	44,675	45,194	44,842	43,155	43,155	42,777	42,962	43,049	42,819	42,819
Prepay	23,967	24,289	23,754	21,881	21,881	21,346	21,198	21,052	20,543	20,543
Postpay	20,708	20,905	21,088	21,274	21,274	21,431	21,764	21,997	22,276	22,276

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