

Deutschland

Telefónica Deutschland Investor Presentation

April 2017



Telefónica Deutschland Investor Relations

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The leading digital 'onlife' telco in Germany

Reasons to invest in Telefónica Deutschland

Germany An attractive and dynamic telecoms market

An established player Multi-brand offering for a unique customer experience

Operational excellence Synergies and digital transformation drive growth

Value proposition Attractive shareholder return on strong fundamentals

- 4-2-3 merger results in rational market
- Strong segmentation between premium and non-premium
- Dynamic wholesale segment
- Average data usage below European average
- · Strong data growth

Data monetisation potential

- Multi-brand and multichannel distribution strategy
- Strong premium proposition O₂ Free
- Mobile-centric approach with broadband/converged products for X-selling
- Added-value products and services e.g. Sky coop & O2 banking

Unique business model

- Synergy case of EUR 900m OpCF savings by 2019
- Building a future-proof network
- Now shifting focus to long-term strategic transformation
- New growth areas Advanced Data Analytics and the **Internet of Things**

Synergies and transformation drive profitability

- Strong FCF trajectory to support dividend policy
- Committed to high payout ratio in relation to FCF
- Concrete guidance of dividend growth over 3 years (2016-18)
- Low leverage and conservative financial profile for flexibility

Commitment to dividend policy



From MIT to M+T: Focus on Momentum and Transformation

Achievements 2015 & 2016



Keep the Momentum



Integrate quickly



Transform the company

- Maintained momentum
- Relaunch of major brands
- Major integration workstreams completed, e.g. customer migration
- Restructuring in line with expectations
- Synergy case upgrade
- Operational performance in line with capital market guidance
- Strong FCF trajectory
- Conservative balance sheet and low leverage maintained
- Commitment to mid-term dividend

Focus 2017 and beyond









Keep the Momentum



Transform the company









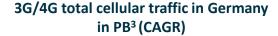
Telefonica Deutschland is well positioned to lead the most attractive telco market in Europe

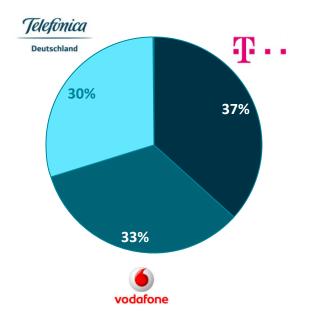
Rational and balanced market structure¹

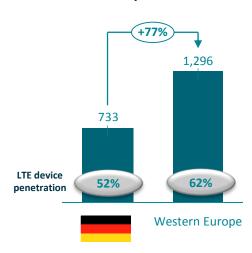
Data monetisation opportunity intact

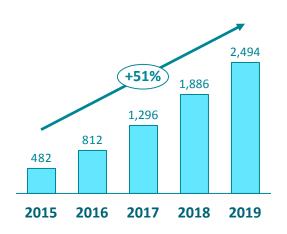
Steady adoption of a digital lifestyle

Average data usage in MB and LTE device penetration in %²









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

- 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 2 Gb/month for LTE customers

³ Source: Analysys Mason; Total cellular data traffic generated by 3G&4G handset connections in PB, Dec 2016

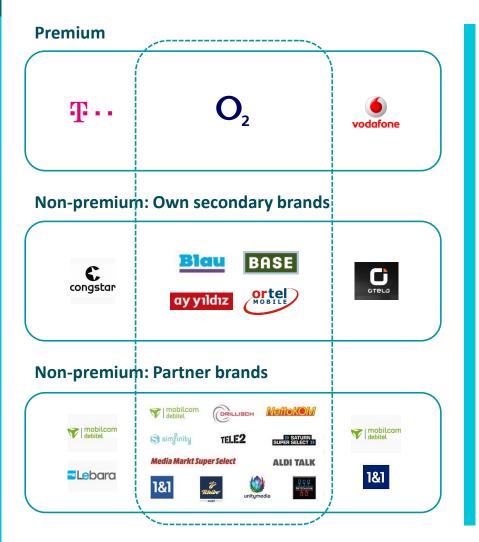




¹ Market share of MSR based on reported financials by MNOs for Q3 2016

² Source: Analasys Mason; Western Europe telecoms market: Interim forecast update 2016–2021; 4G connections in % of smartphone connections

Commercial update: Focus on products, data growth and final brand portfolio





Premium: Enhanced services

- O₂ Free extremely well received, early indications positive
 - Data traffic 1.5x vs. O₂ Blue All-in portfolio
- Successful cross- and upselling into base
- Cooperation with Sky to access sport, movies and popular series via mobile



Non-premium: Brand portfolio finalised

- Further easing of competitive pressure
- Continued presence via own brands and partners
- Pricing moving to bundles which include European roaming
- Own brands: Blau / Base price increase, active marketing of simyo discontinued



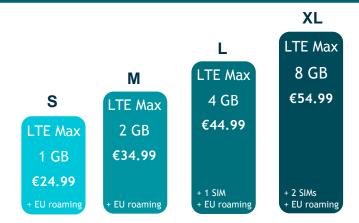


O₂ Free and Sky Deutschland: Exclusive partnership for O₂ customers





O₂ Free – Offline portfolio



3G flat – throttle to 1 Mbps after consumption of high-speed volume

Sky proposition - Details



- Exclusive partnership with Sky for O₂ customers
- EUR 4.99 Supersport day tickets includes Bundesliga, UEFA Champions League and Premier League games
- Flexible choice between day/week/month tickets for Supersport, Cinema or Entertainment
- Attractive hardware bundles

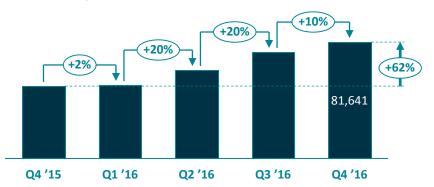




Continued growth in data traffic and LTE customer base support momentum

Data traffic growth continues strong

Traffic (TB/quarter)



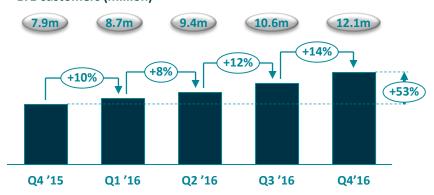
LTE usage driven by music and video streaming

Average data usage for O2 consumer LTE customers¹ (GB)



Significant growth in LTE customer base

LTE customers (million)



- Music & video streaming key drivers of data traffic growth; up >60% y-o-y
- LTE customer base now at 12.1 million, up 53% y-o-y
- Average monthly data usage for O₂ consumer LTE customers up >40% y-o-y to almost 1.7GB



Network update: Significant progress with decommissioning and consolidation

Network integration timeline 2016-2019 • Decommissioning of 14k sites Roll-out of 30k LTE elements Utilisation of new licenses Consolidation and roll-3G national roaming for all Deal to transfer of 7,700 Sale of towers to out of 4G network Telxius customers mobile sites to DTE April/May 15 July 15 April 16 July 16



- Steady network quality gains, targeting 'one network' by year-end
- German 3G/4G network availability leader as per connect 'Netzwetter'
- Already approx. 5,000 sites decommissioned as per year-end 2016
- LTE coverage at almost 80%, >90% in cities above 200,000 inhabitants
- Consolidation will drive synergy generation in 2017/8





Right fixed infrastructure model to complement our mobile network for best high speed experience

Access to best available fixed NGA network¹

Maximum speed **NGA** coverage targets (Up- & Download, Mbps) (% of covered households) Download Upload 80% Super Vectoring c. 64% 100 50 Mbps 50 40 100 10 Mbps YE 2016 2018 **VDSL VDSL Vectoring**

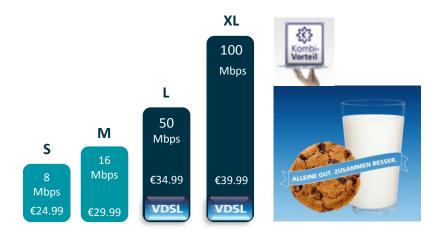
ambition

Nationwide access to DT's NGA network

DT is currently upgrading larger cities to VDSL vectoring and 100 Mbps

With a competitive bundled offer

O₂ DSL all-in (Download speed, Mbps)



- O₂ Blue One offers flexible combination of fixed & mobile offers with progressive value-based discounts
- Active cross-selling of fixed & mobile propositions

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







Telefónica **NEXT**Opportunities in data and connectivity

Innovative solutions for a connected, digital world



B2B: Key focus areas ADA and IoT

Target groups

Smart Media



Target communication to your customers: Place your offers at the right time, at the right place

Advertisers, media agencies

Smart Moves



Understand your customers' movement patterns and make data-driven business decisions

Transport companies, municipalities

Smart Retail



Understand and accompany your customer along his journey

Retailers, outlet networks

Smart Sensors



Develop smart products for consumers fast, simple and cost-efficiently with our GENY platform & ecosystem

Providers of consumer goods





Outlook 2017

	Actual 2015 (EUR m)	Outlook 2016 (year-on-year)	Actual 2016 (EUR m / y-o-y pct. change)	Outlook 2017 (y-o-y pct. change)
MSR	5,532	Slightly negative	5,437 / -1.7%	Slightly negative to flat ³ Excluding the impact from regulatory effects
OIBDA	1,760	Low to mid single-digit % growth	1,828 ¹ / +3.8%	Flat to mid single-digit % growth ⁴
CapEx	1,032	Mid to high single-digit % growth	1,102 / +6,7%	Around EUR 1 billion
Dividend		EUR 0.25 per share ⁵		Dividend growth over 3 years (2016-2018)

- Underlying³ MSR expectation based on a continued rational yet dynamic competitive environment
 - Tailwinds from O₂ Free and improved market conditions
 - · Headwinds e.g. from retail to wholesale shift, continued legacy base effects, OTT trends and prepaid legislation
 - Excludes regulatory impact from termination and roaming: Approx. 3-4%
- OIBDA growth primarily stemming from synergies
 - Expectations based on continued rational market structure and rational consumer response to roaming legislation
 - Incremental Opex & revenue savings of ~EUR 160m (rollover & additional savings, driven by restructuring & network)
 - <u>Includes</u> regulatory impact from termination and roaming based on rational consume response: Approx. 4-5%
- Capex reduction driven by incremental savings of ~EUR 80m due to network integration and focus on one LTE network

Case upgrade: EUR +100m

New total target of

EUR 900m

OpCF synergies in 2019



¹ Excluding exceptional and special effects; for details please refer to further materials of the 2016 results release

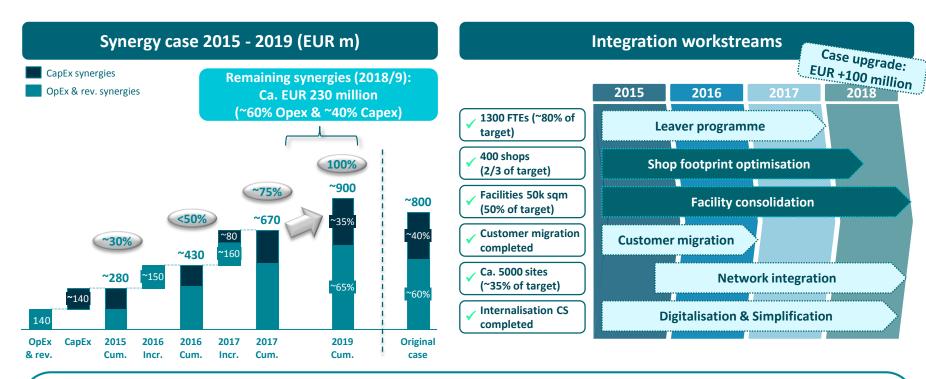
² We have calculated a comparable for 2016; for details please refer to further materials of the 2016 results release

³ Excluding the impact from regulatory changes; for details please refer to further materials of the 2016 results release

⁴ Excluding exceptional effects; for details please refer to further materials of the 2016 results release

⁵ Proposal to the Annual General Meeting 2017

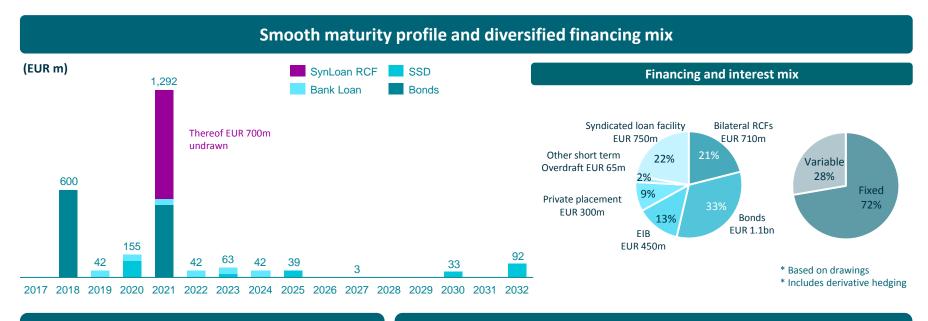
Updating synergy case to EUR 900 million in 2019

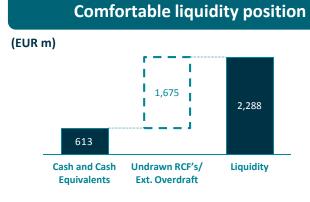


- Successfully executing on all initiatives
- New total case of ~EUR 900 million OpCF synergies in 2019, driven by improved visibility and the realisation of further synergy
 opportunities during the integration process, e.g. additional OpEx savings from FTE restructuring and network as well as
 simplification efforts
- CapEx synergies primarily driven by rollout of a single LTE network
- Expecting to reach ~EUR 670 million (~75% of new total target) by year-end 2017, with OIBDA relevant synergies of ~EUR 160 million (mainly network and FTE restructuring) and Capex synergies of ~EUR 80 million



Comfortable liquidity position per 31.12.2016 and conservative financing policy

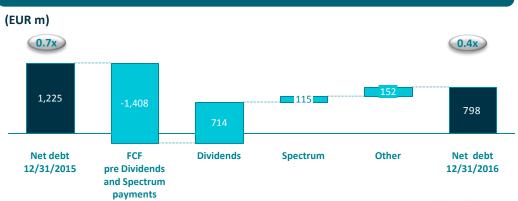






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Leverage ratio at 0.4x1

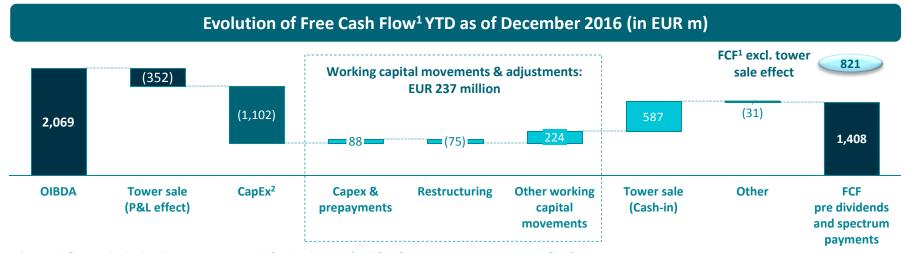


14

Public - Nicht vertraulich

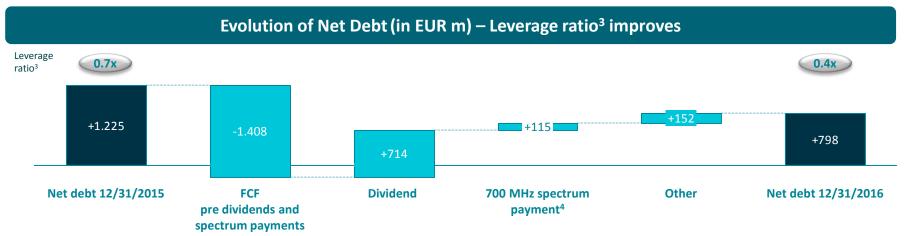


FCF driven by tower sale cash



¹ Free cash flow pre dividend and spectrum payment is defined as the sum of cash flow from operating activities and cash flow from investing activities

² Excluding capitalised costs on borrowed capital for investments in spectrum in June 2015



³ For definition of net debt & leverage ratio please refer to Q4 2016 earnings release

⁴ Including costs on borrowed capital









We will maintain an attractive shareholder remuneration policy

Shareholder remuneration policy – Main guidelines¹

Maintain high payout in relation to FCF

Consider expected future synergy generation in dividend proposals

Keep leverage ratio at or below 1.0x over the medium term; target will be continually reviewed

Annual dividend growth over 3 years, starting with of EUR 0.25 per share 2016²







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

² Proposal to AGM 2017

Main takeaways

1

Drive momentum in an attractive and dynamic telecoms market

- Attractive and dynamic telco market
- Significant data monetisation opportunity
- Excellent competitive position

2

Shaping the digital transformation for an exceptional customer experience

- Multi-brand, multi-channel go-to-market strategy
- Successful up- and cross-selling mechanisms
- Digitalisation of customer relationships: Offering choice and value

3

Lean & efficient operations to drive growth in profitability and FCF

- Simplified and lean operating model
- 4G network integration in full swing
- Ambitious synergy target: EUR 900m OpCF savings in year 5

4

Attractive shareholder return & financial flexibility on strong fundamentals

- Commitment to attractive dividend policy
- Conservative financing policy
- High financial flexibility



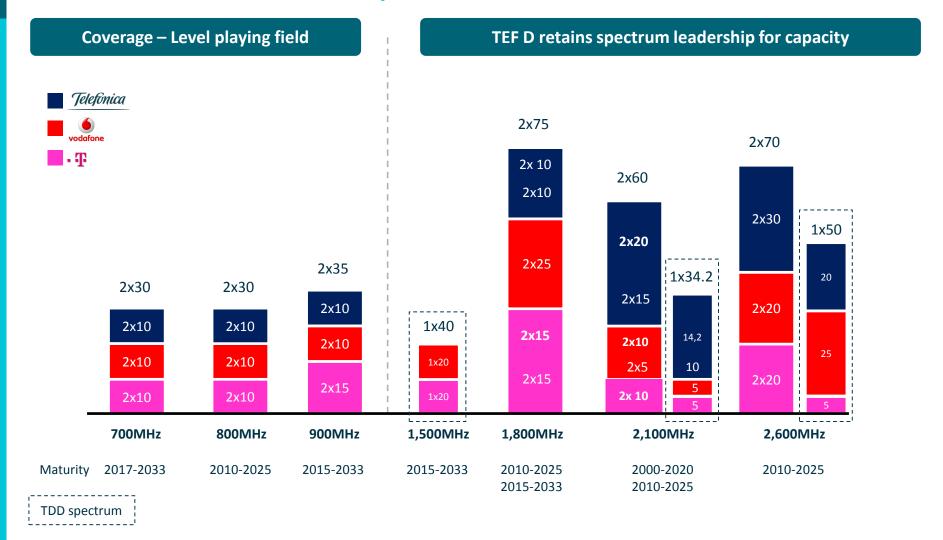


Back-up





Strong spectrum post auction enables realisation of best network experience







O₂ Free portfolio

			TIPP					
	O₂ Freë	S	M	L	XL			
	Highspeed-Daten- volumen nach Wahl	1 GB Turbo (LTE Max.)²	2 GB Turbo (LTE Max.) ²	4 GB Turbo (LTE Max.) ²	8 GB Turbo (LTE Max.) ²			
ш	Unendlich surfen mit bis zu 1 MBit/s	/	/	/	1			
INKLUSIVE	Minuten in alle dt. Netze ³	_						
3	SMS in alle dt. Netze	/						
¥	Extra-Festnetznummer ⁴	/	/	/				
_	EU Roaming Flat ⁵	/		/				
	Multicard ⁶	+ 4,99 mtl.	+ 4,99 mtl.	1 Multicard inklusive	2 Multicards inklusive			
	∰ Mtl. Grundgebühr Kombi- vorteil reduziert für O₂ Kunden ⁷	19,99	29,99	34,99	44,99			
	Mtl. Grundgebühr (bei 24 Monaten Mindestvertragslaufzeit)	24,99	34,99	44,99	54,99			

Einmaliger Anschlusspreis beträgt 29,99 €.

Preise in € inkl. MwSt.

1 Mit o 2 Free kann nach Verbrauch des Highspeed-Datenvolumens im o 2 ZG/GSM- und 3G/UMTS-Netz mit bis zu 1.000 KBit/s (im Durchschnitt 994 KBit/s) weitergesurft werden (HD-Video-Streaming und Internetanwendungen mit ähnlich hohen oder höheren Bandbreitenanforderungen nicht uneingeschränkt möglich; Upload bis zu 1.000 KBit/s, im Durchschnitt 1945 KBit/s). 2 Bis zu 225 MBit/s (im Durchschnitt 13,0 MBit/s; Upload bis zu 20 MBit/s, im Durchschnitt 13,0 MBit/s; Upload bis zu 50 MBit/s, im Durchschnitt 14,0 MBit/s (im Durchschnitt 13,0 MBit/s; Upload bis zu 50 MBit/s, im Durchschnitt 14,2 Mon. Molichen 2,2 Mon. Molichen 2,2 Mon. Mit 12,2 Mon. Molichen 2,2 Mon. Mit 12,2 Mon. Mit 12,2





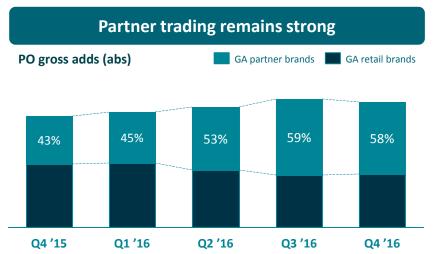
O₂ DSL All-in portfolio

				TIPP	17,**		
			Young [™]	All-in L ¹⁷	All-in XL		
	O ₂ DSL	All-in M ¹⁷	roung				
Allnet-Flat: -	Minuten ins dt. Festnetz ¹⁸	FLATRATE	22 ct/Min.	FLATRATE	FLATRATE		
Aimet-riat.	Minuten in alle dt. Mobilfunknetze ¹⁸	FLATRATE	22 ct/Min.	FLATRATE	FLATRATE		
	Unbegrenzt surfen (mit bis zu 2 Mit/s)	/	/	✓	/		
Maximale Surf-Geschwindigkeit ¹⁴		bis zu 16 MBit/s (Upload: bis zu 2.4 MBit/s)	VDSL bis zu 50 MBit/s (Upload: bis zu 10 MBit/s)	VDSL bis zu 50 MBit/s (Upload: bis zu 10 MBit/s)	VDSL bis zu 100 MBit/s (Upload: bis zu 40 MBit/s)		
Maximale Surf-Geschwindigkeit bis ¹⁴ (Inklusiv-Volumen)		300 GB ¹⁴	300 GB ¹⁴	300 GB ¹⁴	500 GB ¹⁴		
Fair-Use-Mechanik ¹⁹		/		/			
HomeBox 2/AVM FRITZ!Box 7490 ²⁰		0,00/29,00	0,00/29,00	0,00/29,00	0,00/29,00		
Anschlusspreis		0,00 (anstatt 49,99)	0,00 (anstatt 49,99)	0,00 (anstatt 49,99)	0,00 (anstatt 49,99)		
⟨Ç⟩ Mtl. Grundgebühr Kombi- Vorteil reduziert für O₂ Kunden*		ab 4,99 (ab 7. Monat ab 19,99)	ab 4,99 (ab 7. Monat ab 19,99)	ab 4,99 (ab 7. Monat ab 24,99)	ab 4,99 (ab 7. Monat ab 29,99)		
(bei 2	Mtl. Grundgebühr 4 Monaten Mindestvertragslaufzeit)	(ab 7. Monat 29,99)	(ab 7. Monat 29,99)	(ab 7. Monat 34,99)	14,99 (ab 7. Monat 39,99)		





Customer migration completed & brand portfolio finalised; strong partner trading









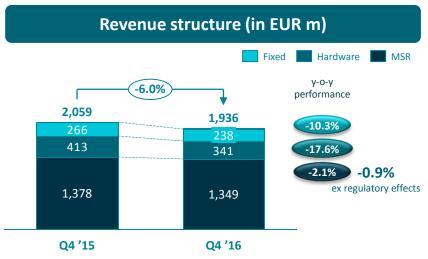
Q4'14 Q1'15 Q2'15 Q3'15 Q4'15 Q1'16 Q2'16 Q3'16 Q4'16

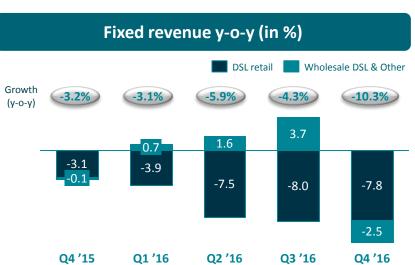
- Signs of easing price pressure in nonpremium, partner trading remains strong
- Seasonal uptick in churn in Q4, remains relatively low post migration
- VDSL drives customer base growth in retail fixed; wholesale migration accelerating as expected

Telefonica

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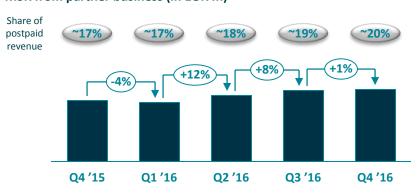
Underlying MSR trajectory stable sequentially





Partner share of postpaid MSR with stable trend

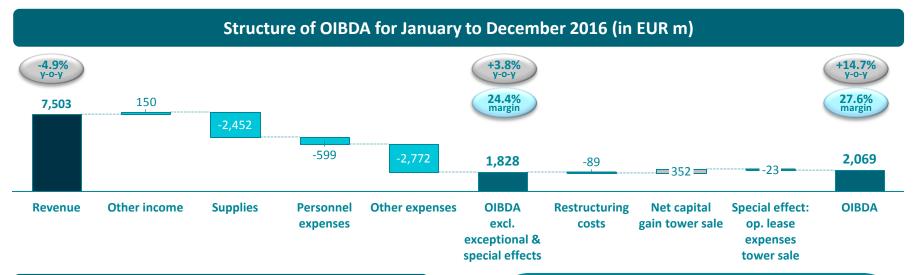


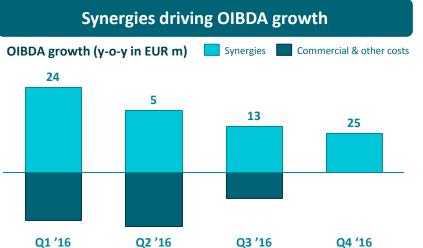


- MSR trajectory stable sequentially excl. regulatory effects; headwinds from retail to wholesale shift & legacy base effects
- Partner share of postpaid MSR still only ~20%
- Retail DSL affected by phasing of promotional effects; Wholesale DSL reflects planned dismantling of legacy infrastructure



OIBDA driven by successful synergy capture; incremental savings in fourth quarter





- Successful synergy capture with approx.
 EUR 150 million of incremental savings in 2016 and OIBDA in line with guidance
- OIBDA margin at 24.4% for FY, up 2.0 pp y-o-y
- Incremental synergy savings from restructuring and network consolidation of approx. EUR 25 million in Q4

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O2D - Factsheet

5.5

5.0

4.5

4.0

3.5

3.0

01.01.2016

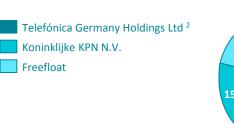
Share price development until 17.02.2017 YTD '16 YTD '17 +6.9% -15.8% -1.9%

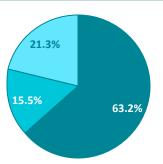
Shareholder structure as of 31.12.2016¹

Euro telco

01.04.2016 01.07.2016 01.10.2016 31.12.2016

DAX -





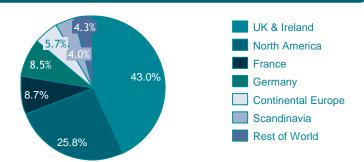
¹ According to shareholders register as of 30 September 2016

25

Telefónica Deutschland at a glance

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.)	EUR 12,106.4 m			
Share price (as of 31.12.)	EUR 4.07			

Regional split of shareholder structure³





² Telefónica Germany Holdings Limited is an indirect wholly owned subsidiary of Telefónica S.A

³ Source: Ipreo; Shareholder ID as of October 2016

Quarterly detail of relevant financial and operating data for Telefónica Deutschland

18,915

19,116

Financials			2015					2016		
(Euros in millions)	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Revenues	1,901	1,949	1,979	2,059	7,888	1,858	1,834	1,876	1,936	7,503
Mobile service revenues	1,354	1,382	1,419	1,378	5,532	1,336	1,358	1,394	1,349	5,437
OIBDA post Group fees, pre exceptionals and										
special effects ¹	378	453	454	476	1,760	401	459	467	501	1,828
СарЕх	221	242	241	328	1,032	218	212	314	358	1,102
Accesses	2014							2016		
(EoP in k)	Q1	Q2	Q3	Q4	FY	Q1	Q2	Q3	Q4	FY
Total Accesses	47,658	48,041	48,645	48,363	48,363	48,252	48,605	49,196	49,346	49,346
o/w Mobile	42,179	42,617	43,289	43,063	43,063	43,008	43,417	44,074	44,321	44,321
Prepay	23,264	23,501	24,004	23,979	23,979	23,744	23,814	23,873	23,784	23,784

19,285

19,083

19,083



19,264

19,603

20,201

20,537

20,537

Postpay

¹ Exceptional & special effects are excluded from our full-year guidance and thus also excluded from this OIBDA consensus. Exceptional & special effects in the third quarter of 2016 include potential restructuring expenses as well as the impact from higher operating lease expenses related with the sale of passive tower infrastructure in Q2 2016.



