Q3 2015 Investor Call

November 6, 2015

LIBERTY GLOBAL®

"Safe Harbor"

LIBERTY GLOBAL®

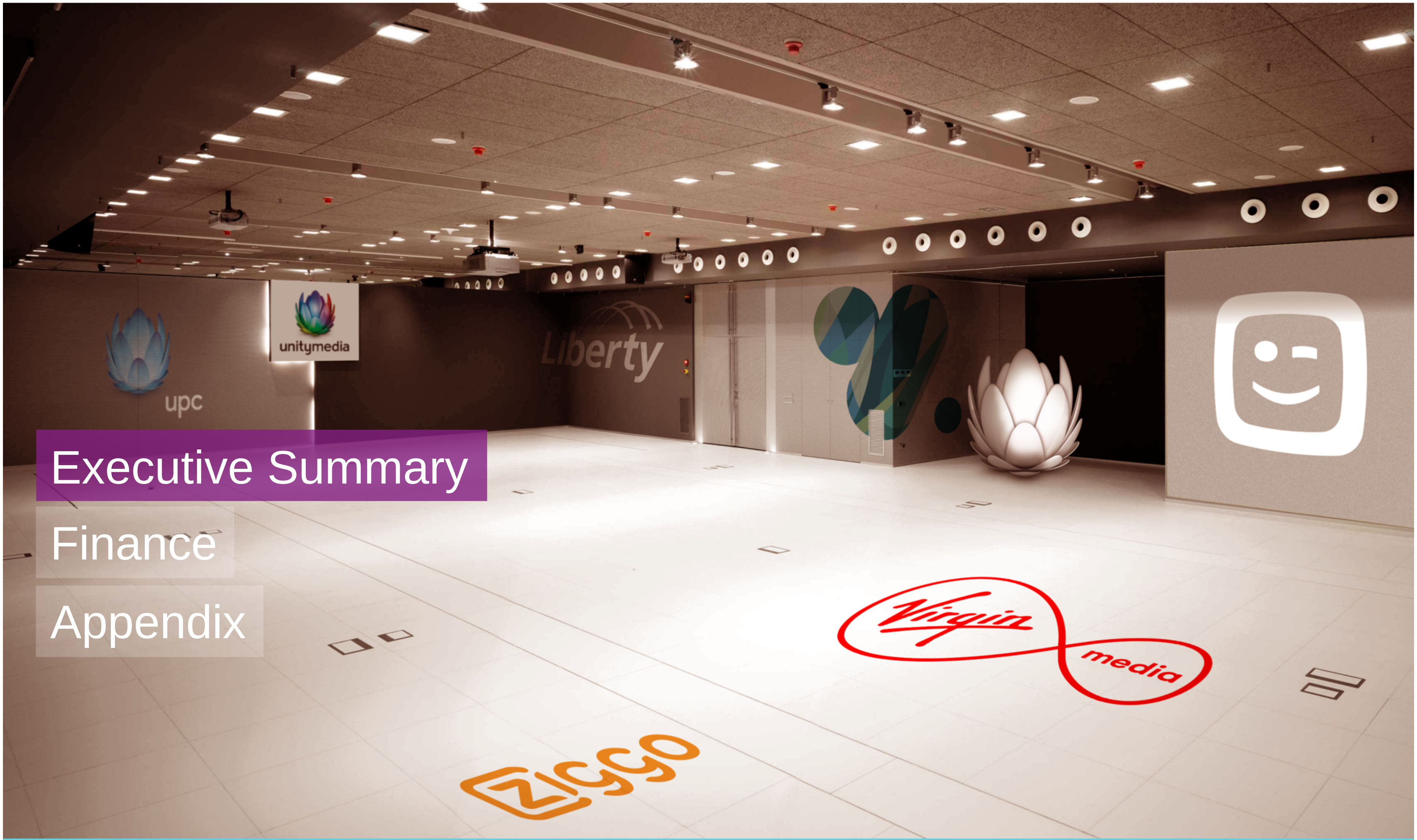
Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding our operations, strategies, future growth prospects and opportunities (in particular with respect to upselling and bundling of products); our expected revenue, OCF (including any profit forecasts) and FCF growth; 2016 initiatives, including the Liberty 3.0 program; subscriber and RGU growth, including our expectations for organic RGU additions in 2015; opportunities in Latin America and the Caribbean; our mobile and wireless strategy; our share repurchase program; our expectations with respect to our Ziggo synergy and operational plans; the strength of our balance sheet and tenor of our third-party debt; plans and expectations with respect to new build and network extension opportunities; and other information and statements that are not historical fact. These forward-looking statements involve certain risks and uncertainties that could cause actual results to differ materially from those expressed or implied by these statements. These risks and uncertainties include the continued use by subscribers and potential subscribers of our services and their willingness to upgrade to our more advanced offerings; our ability to meet challenges from competition, to manage rapid technological change or to maintain or increase rates to our subscribers or to pass through increased costs to our subscribers; the effects of changes in laws or regulation; general economic factors; our ability to obtain regulatory approval and satisfy regulatory conditions associated with acquisitions and dispositions; our ability to successfully acquire and integrate new businesses and realize anticipated efficiencies from businesses we acquire; the availability of attractive programming for our digital video services and the costs associated with such programming; our ability to achieve forecasted financial and operating targets; the outcome of any pending or threatened litigation; our ability to access cash of our subsidiaries and the impact of our future financial performance, or market conditions generally, on the availability, terms and deployment of capital, fluctuations in currency exchange and interest rates; the ability of suppliers and vendors (including our third-party wireless network providers under our MVNO arrangements) to timely deliver quality products, equipment, software, services and access; our ability to adequately forecast and plan future network requirements including the costs and benefits associated with network expansions; and other factors detailed from time to time in our filings with the Securities and Exchange Commission, including our most recently filed Form 10-K and our 2015 Form 10-Qs. These forward-looking statements speak only as of the date of this presentation. We expressly disclaim any obligation or undertaking to disseminate any updates or revisions to any forward-looking statement contained herein to reflect any change in our expectations with regard thereto or any change in events, conditions or circumstances on which any such statement is based.

Additional Information Relating to Defined Terms:

Please refer to the Appendix at the end of this presentation, as well as our press release dated November 5, 2015 and our SEC filings, for the definitions of the following terms which may be used herein including: Rebased Growth, Operating Cash Flow ("OCF"), Free Cash Flow ("FCF"), Revenue Generating Units ("RGUs"), Average Revenue per Unit ("ARPU"), as well as GAAP reconciliations, where applicable.

Agenda



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Key Themes

Subscriber growth accelerating

New revenue drivers picking up pace

Competitive position strengthening

Liberty 3.0 implementation underway

Levered-equity strategy on track

All 2015 financial guidance confirmed

Highlights Liberty Global plc[1]

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Operating & Financial Highlights

- **RGU adds of 320k** in Q3; boosting YTD to **526k**
- Revenue of **$13.7 bn YTD**; Q3 rebased growth of 4%
- OCF of **$6.5 bn YTD**; Q3 rebased growth of 3%
- FCF **$1.7 bn YTD**, up 24%; Q3 FCF of $770 mm

M&A | Products & Innovation

- Diversified and accretive **M&A pipeline**
- **Record Next-Gen TV** additions of ~340k in Q3
- **Launched 4G mobile** services in CH, NL & CL
- **L3.0,** including Project Lightning, **in lift-off mode**

Balance Sheet

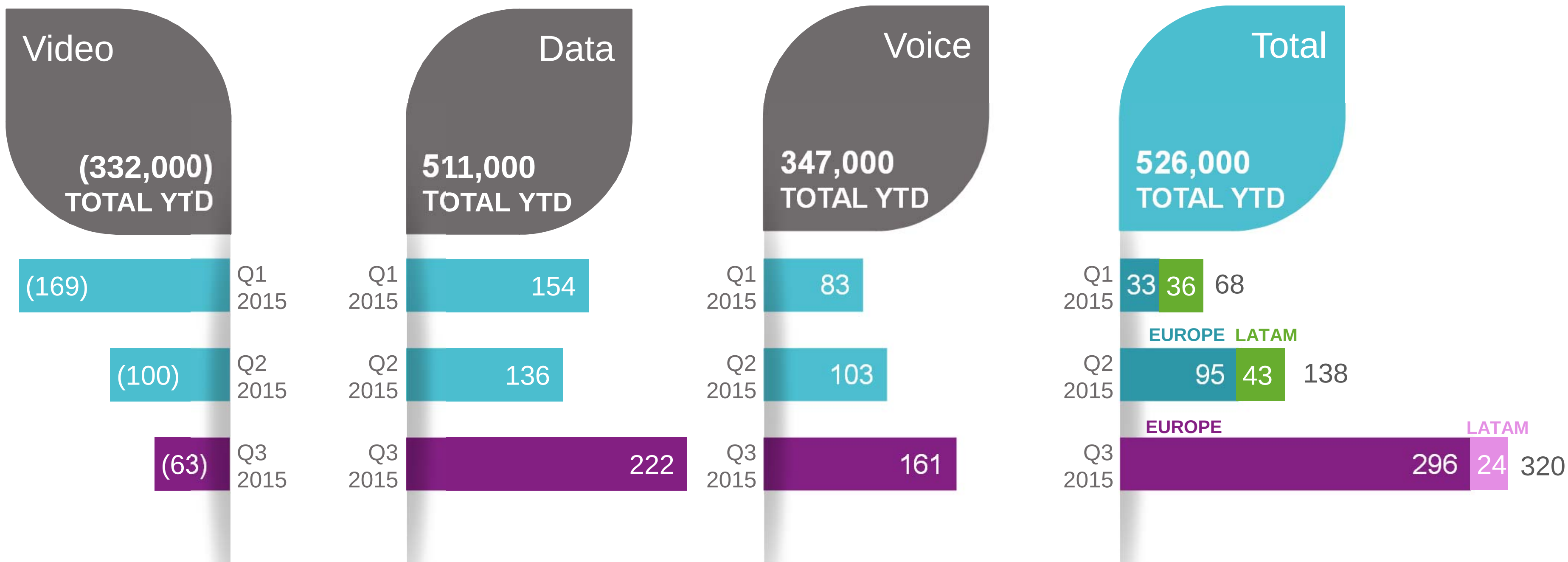
- Liquidity of **$5.1 bn**, including $1.1 bn of cash
- Gross leverage at **5.0x**; cost of debt at **5.2%**
- Over **90% of debt due in 2020** and beyond
- **$1.4 bn** of share buybacks YTD

LIBERTY GLOBAL | Virgin media | Ziggo | unitymedia | upc | vtr.com | Liberty

(1) Please see Appendix for definitions and additional information.

Liberty Global plc – Ramping Net Additions[(1)]

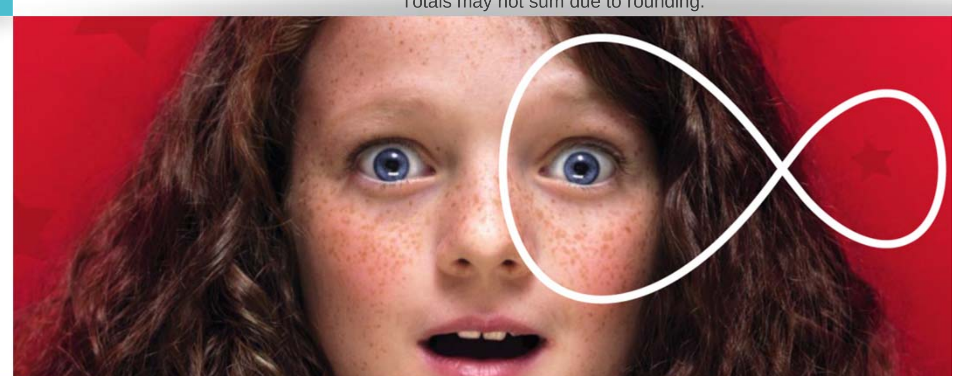
Accelerating subscriber growth in Q3 fueled by broadband growth in Western Europe



(1) Please see Appendix for definitions and additional information. Totals may not sum due to rounding.

Q3 Results Drivers

- **U.K.** delivers record customer growth
- **Germany** continues RGU momentum
- **Netherlands** showing improved results
- **Switzerland** impacted by price increase
- **Chile** doubles RGU additions YoY

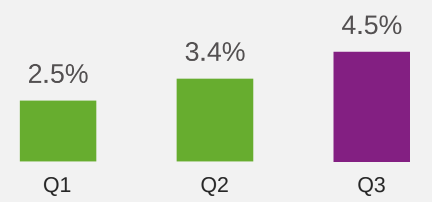


(1) Please see Appendix for definitions and additional information.

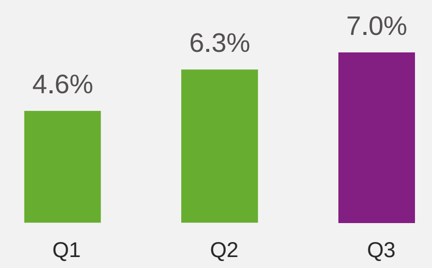
Rebased Revenue Growth[1]

YTD acceleration in majority of markets

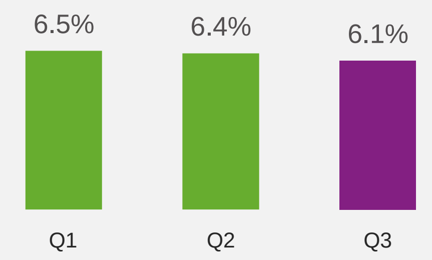
UK & Ireland



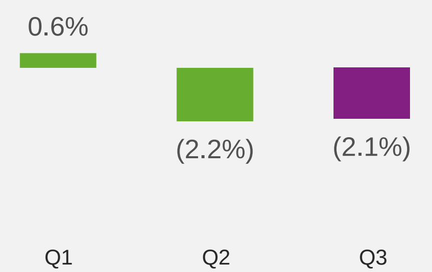
Germany



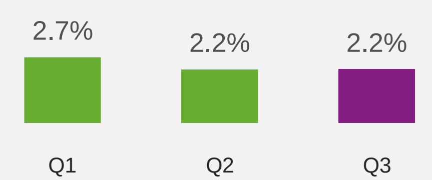
Belgium



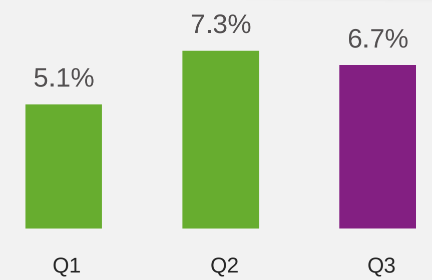
Netherlands



Switzerland, Austria & CEE



LiLAC



(1) Please see Appendix for definitions and additional information.

Next-Gen TV & Mobile Momentum Building[1]

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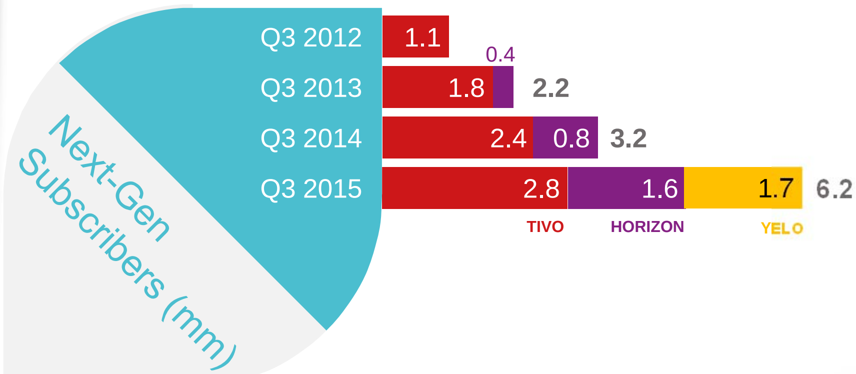
Enhancing customer experience with our Horizon TV platform & 4G mobile rollouts

Next-Generation TV

- **Rapid rollout of next-generation TV** platforms; now available across 43 million homes
- **Horizon ecosystem an OTT killer** with advanced UI, MyPrime, apps, Replay TV and Horizon Go
- **Continued traction of TV Everywhere**; 1.8 million unique active users across Europe



44% penetration of our enhanced video base

Mobile Strategy

- **Improved MVNO rates** with certain new and existing MNO partners
- **Quad-play churn 2/3 lower** than our average customer churn in U.K. and Belgium
- **Expanding pan-European WiFi** network to further improve our **MVNO margins**

(1) Please see Appendix for definitions and additional information. Totals may not sum due to rounding.

Key Operational Developments[1]

Leveraging scale opportunities to accelerate future organic growth

L3.0 in Lift-off Mode

- Three year company-wide **transformation program**
- **Two levers** creating value:
  - Top-line accelerators
  - €1 bn of operating efficiencies
- Trending to **high-single-digit organic OCF growth**

New Build Ramping

- Project Lightning on-track; targeting **250,000 new premises** by YE 2015
- **Exploring network extension** programs in Germany, CEE and Chile
- Total opportunity of **over 10 million homes** across our regional footprint

Ziggo Trends Improving

- **Improvement in** operational quality and subscriber **results since August**
- **Record Horizon TV** take-up in Q3 & strong traction of **Replay TV** functionality
- Launch of **4G mobile** and our exclusive **Ziggo Sport** channel

(1) Please see Appendix for definitions and additional information.

Agenda

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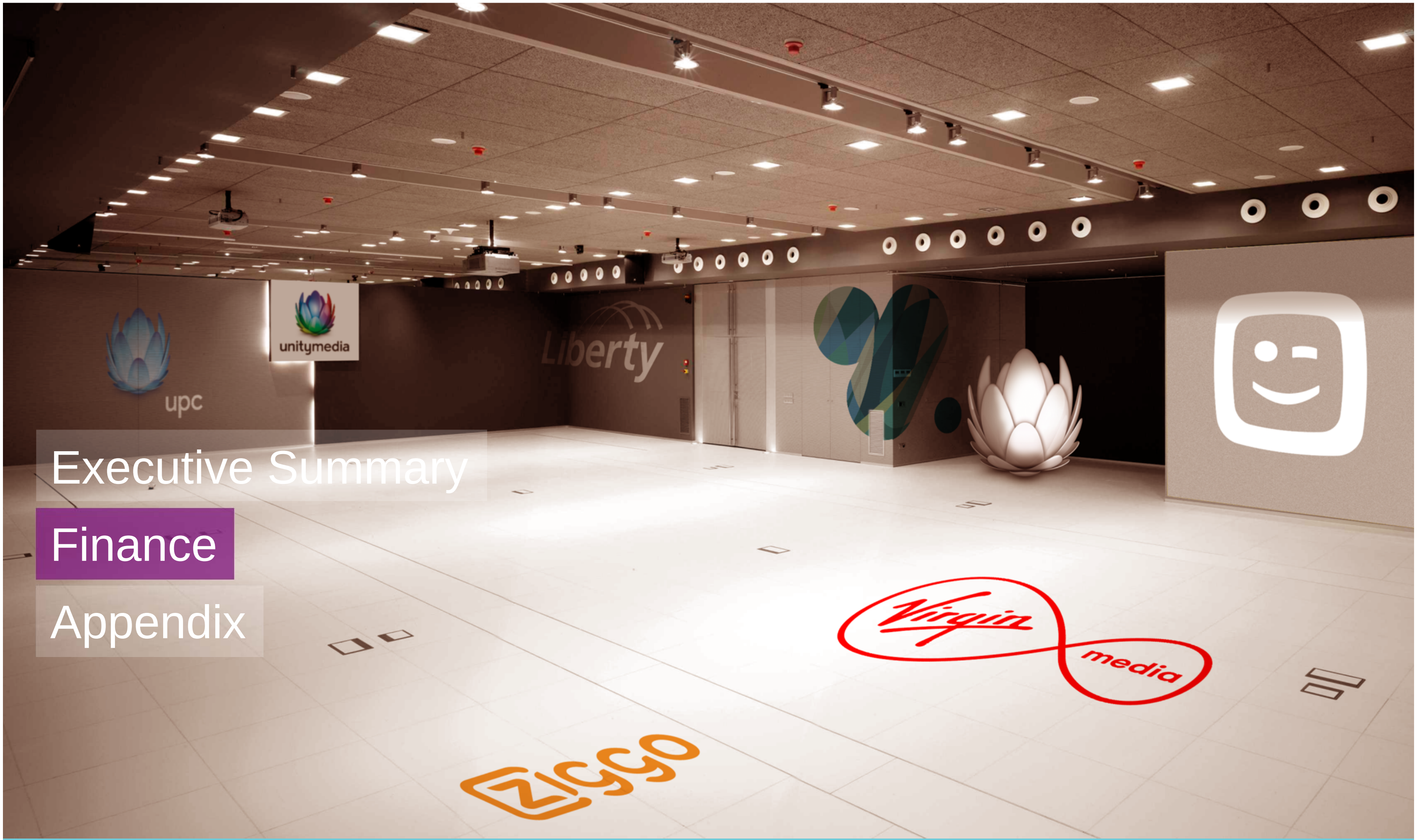

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Liberty Global Group – YTD 2015 Results(1)

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Western Europe delivered 3% rebased revenue and 4% OCF growth YTD

Revenue Growth

REBASED 3%

YTD 2014	$12,727
YTD 2015	$12,773

OCF Growth

REBASED 3%

YTD 2014	$6,035
YTD 2015	$6,111

Property & Equipment Additions

20%	YTD 2014	$2,591
22%	YTD 2015	$2,821

Free Cash Flow

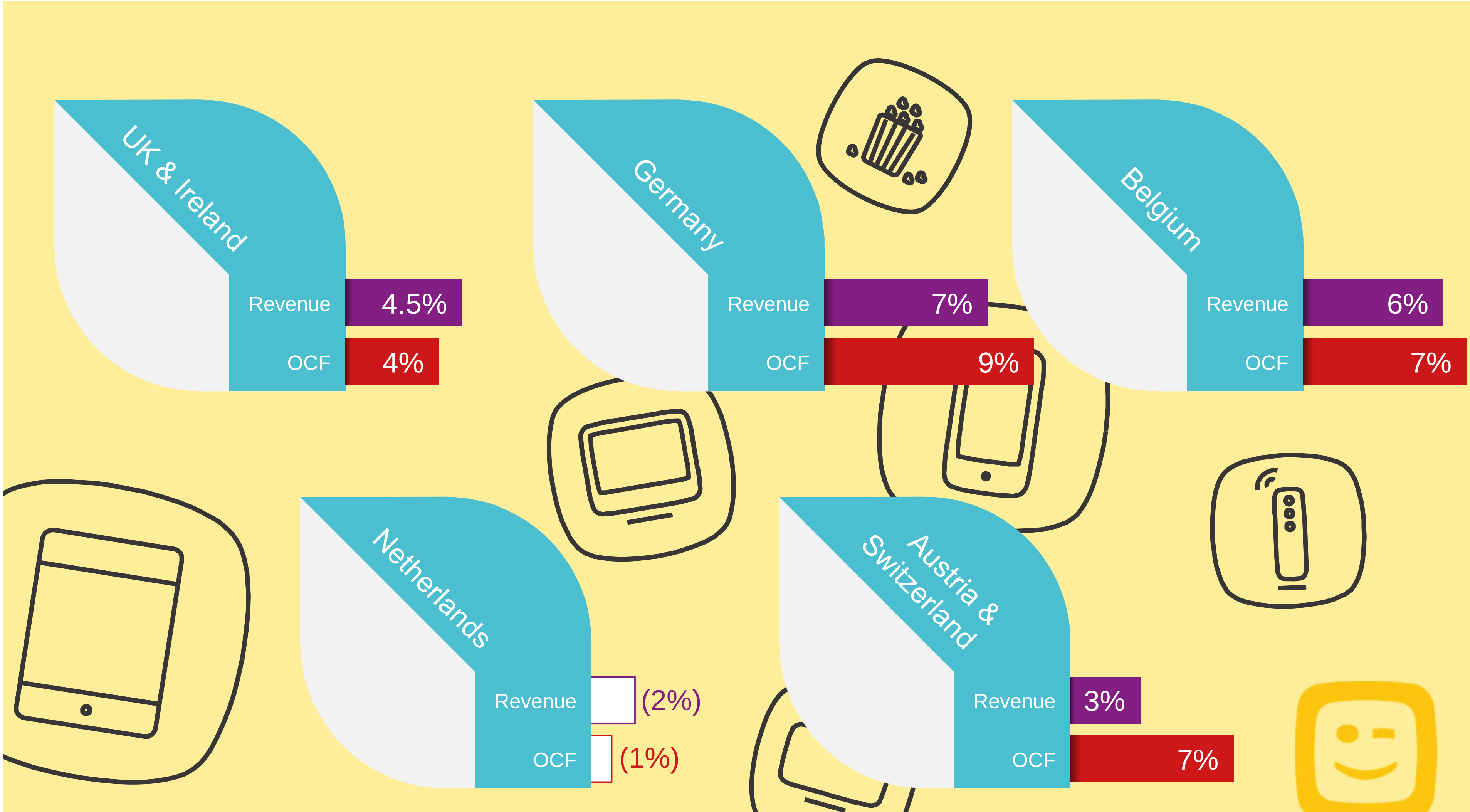
YTD 2014	$1,334
YTD 2015	$1,653

HORIZON GO

(1) Amounts are in millions, except % amounts. Revenue and OCF growth is rebased. Property & Equipment Additions % shown as a % of revenue. See Appendix for definitions and additional information.

Q3 2015 Rebased Results | Western Europe[1,2]

Best revenue & OCF growth in over one year at Germany; steady growth in U.K. and Belgium



(1) Please see Appendix for definitions and additional information.
(2) Growth rates presented above are on a rebased basis.

Liberty Global Group - Leverage & Buybacks[1]

Total Liquidity of $4.7bn | Average debt maturity of nearly eight years

Adjusted Leverage Ratios

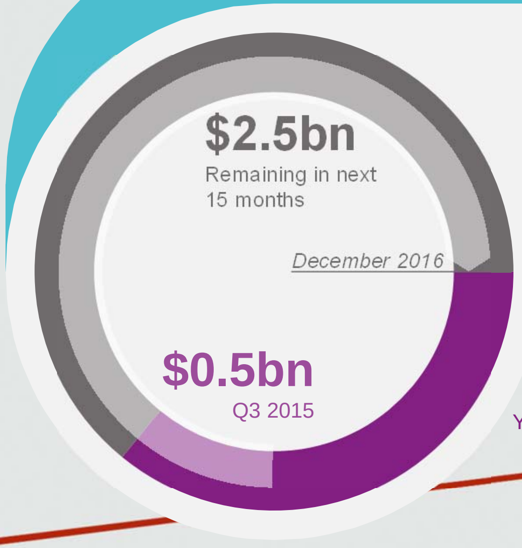
Q4'14 GROSS	5.0x
Q4'14 NET	4.8x

Adjusted Leverage Ratios

Q3'15 GROSS	5.0x
Q3'15 NET	4.9x

Share Repurchases[2]

(1) Please see Appendix for definitions and additional information.
(2) Please see LiLAC Transaction in the Appendix.



$1.4bn
YTD September 2015

(1) Please see Appendix for definitions and additional information.

LiLAC Group – YTD 2015 Results[1]

Strong results fueled by operations in both Chile & Puerto Rico

Revenue Growth

REBASED 6%

YTD 2014	$906
YTD 2015	$908

OCF Growth

REBASED 10%

YTD 2014	$348
YTD 2015	$364

Property & Equipment Additions

22%	YTD 2014	$198
20%	YTD 2015	$185

Free Cash Flow

YTD 2014	$29
YTD 2015	$40

vivelo hoy

(1) Amounts are in millions of dollars, except % amounts (Revenue and OCF growth is rebased). Property & Equipment Additions % shown as a % of revenue. See Appendix for definitions and additional information.

LiLAC Group – Q3 2015 Results and Leverage(1)

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VTR's CLP hedges re-struck, resulting in savings on interest but higher leverage

Revenue Growth Breakdown

Rebased		
7%	Chile	$204
6%	Puerto Rico	$105

OCF Growth Breakdown (2)

Rebased		
11%	Chile	$83
9%	Puerto Rico	$46

Adjusted Leverage Ratios

Q3'15 GROSS	4.4x
Q3'15 NET	3.9x

(1) Amounts are in millions, except % amounts. Revenue and OCF growth is rebased. See Appendix for definitions and additional information.
(2) Excludes Corporate and other OCF of $(1) million in Q3 2015

Conclusions

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Subscriber growth rebound driven by broadband and bundling

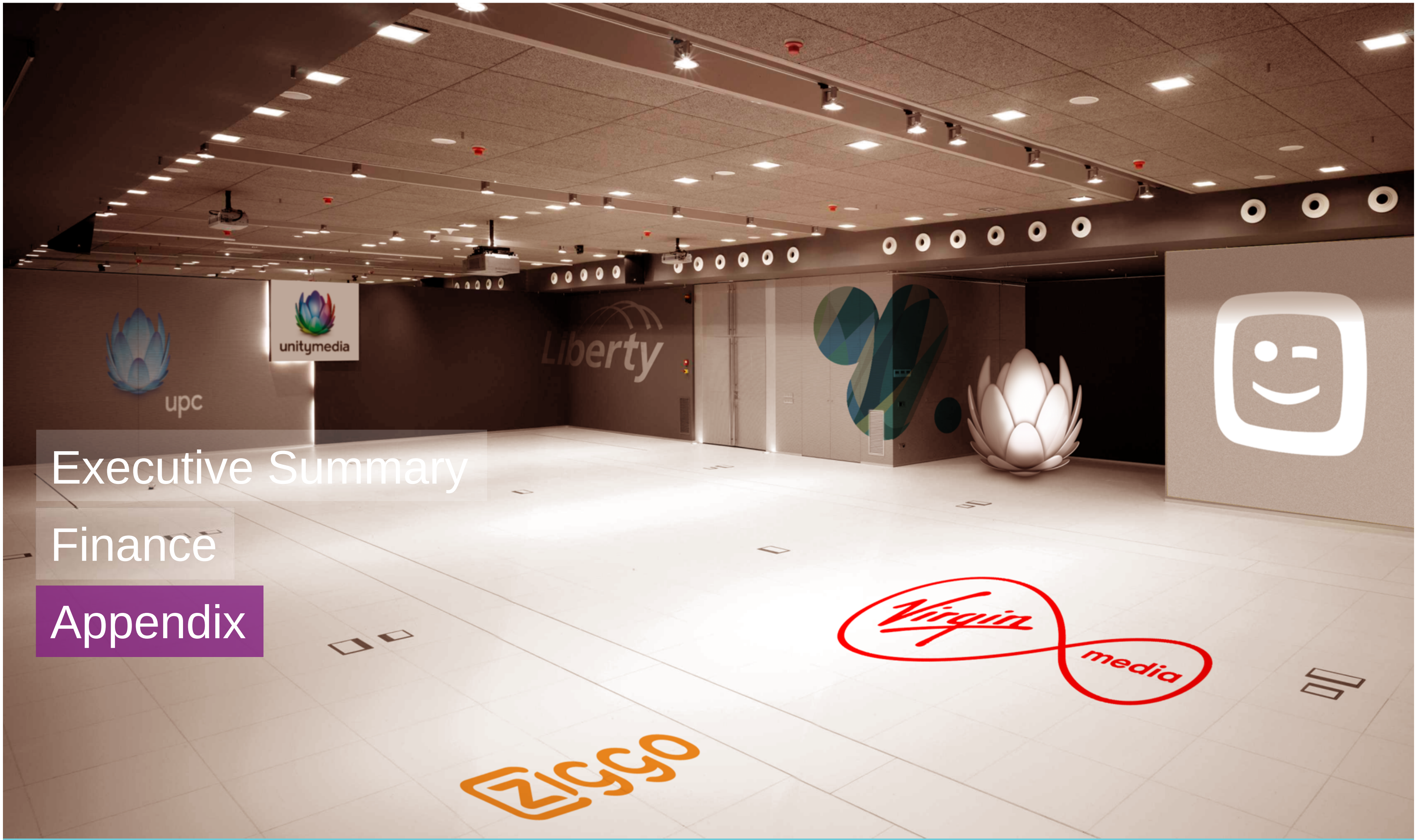
Fall campaigns gaining traction in Q4

Liberty 3.0 program and Project Lighting ramping

All full-year 2015 Financial Guidance confirmed

upc cablecom

Agenda



Executive Summary

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Definitions and Additional Information

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<u>GAAP</u> are accounting principles generally accepted in the United States.

<u>Revenue Generating Unit</u> ("RGU") is separately a Basic Video Subscriber, Enhanced Video Subscriber, DTH Subscriber, Multi-channel Multipoint ("microwave") Distribution System ("MMDS") Subscriber, Internet Subscriber or Telephony Subscriber. A home, residential multiple dwelling unit, or commercial unit may contain one or more RGUs. For example, if a residential customer in our Austrian market subscribed to our enhanced video service, telephony service and broadband internet service, the customer would constitute three RGUs. Total RGUs is the sum of Basic Video, Enhanced Video, DTH, MMDS, Internet and Telephony Subscribers. RGUs generally are counted on a unique premises basis such that a given premises does not count as more than one RGU for any given service. On the other hand, if an individual receives one of our services in two premises (e.g., a primary home and a vacation home), that individual will count as two RGUs for that service. Each bundled cable, internet or telephony service is counted as a separate RGU regardless of the nature of any bundling discount or promotion. Non-paying subscribers are counted as subscribers during their free promotional service period. Some of these subscribers may choose to disconnect after their free service period. Services offered without charge on a long-term basis (e.g., VIP subscribers, free service to employees) generally are not counted as RGUs. We do not include subscriptions to mobile services in our externally reported RGU counts. In this regard, our September 30, 2015 RGU counts exclude our separately reported postpaid and prepaid mobile subscribers.

<u>Customer Relationships</u> are the number of customers who receive at least one of our video, internet or telephony services that we count as RGUs, without regard to which or to how many services they subscribe. To the extent that RGU counts include equivalent billing unit ("EBU") adjustments, we reflect corresponding adjustments to our Customer Relationship counts. For further information regarding our EBU calculation, see our Q3 2015 Press Release. Customer Relationships generally are counted on a unique premises basis. Accordingly, if an individual receives our services in two premises (e.g., a primary home and a vacation home), that individual generally will count as two Customer Relationships. We exclude mobile-only customers from Customer Relationships.

<u>Average Revenue Per Unit</u> ("ARPU") refers to the average monthly subscription revenue per average customer relationship and is calculated by dividing the average monthly subscription revenue (excluding mobile services, B2B services, interconnect, channel carriage fees, mobile handset sales and installation fees) for the indicated period, by the average of the opening and closing balances for customer relationships for the period. Customer relationships of entities acquired during the period are normalized. Unless otherwise indicated, ARPU per customer relationship for the Liberty Global Group and LiLAC Group are not adjusted for currency impacts.

<u>Organic RGU additions</u> exclude RGUs of acquired entities at the date of acquisition, but include the impact of changes in RGUs from the date of acquisition. All subscriber/RGU additions or losses refer to net organic changes, unless otherwise noted.

<u>Mobile Subscriber</u> count represents the number of active subscriber identification module ("SIM") cards in service rather than services provided. For example, if a mobile subscriber has both a data and voice plan on a smartphone this would equate to one mobile subscriber. Alternatively, a subscriber who has a voice and data plan for a mobile handset and a data plan for a laptop (via a dongle) would be counted as two mobile subscribers. Customers who do not pay a recurring monthly fee are excluded from our mobile telephony subscriber counts after periods of inactivity ranging from 30 to 90 days, based on industry standards within the respective country.

<u>Go Subscribers</u> include users of our multi-screen service Horizon Go, Yelo TV and Virgin TV Everywhere.

<u>Enhanced video penetration</u> is calculated by dividing the number of enhanced video RGUs by the total number of basic and enhanced video RGUs.

<u>Broadband and telephony penetration</u> are calculated by dividing the number of broadband internet RGUs or telephony RGUs, respectively, by the number of two-way homes passed.

<u>Bundling penetration</u> is calculated by dividing the total number of double- and triple- and quad-play customers by the total number of customers.

<u>OCF margin</u> is calculated by dividing OCF by total revenue for the applicable period.

<u>Subscription Revenue</u> includes amounts received from subscribers for ongoing services, excluding installation fees and late fees.

Definitions and Additional Information

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Next-Generation TV Subscribers in this presentation includes our Horizon TV, TiVo and Yelo (Telenet) set-top box subscribers. On page 8, the penetration of our enhanced video base is taking total next-generation TV subscribers divided by our Liberty Global Group enhanced video subscriber base.

Basic Video Subscriber is a home, residential multiple dwelling unit or commercial unit that receives our video service over our broadband network either via an analog video signal or via a digital video signal without subscribing to any recurring monthly service that requires the use of encryption-enabling technology. Encryption-enabling technology includes smart cards, or other integrated or virtual technologies that we use to provide our enhanced service offerings. With the exception of RGUs that we count on an EBU basis, we count RGUs on a unique premises basis. In other words, a subscriber with multiple outlets in one premises is counted as one RGU and a subscriber with two homes and a subscription to our video service at each home is counted as two RGUs. In Europe, we have approximately 120,700 "lifeline" customers that are counted on a per connection basis, representing the least expensive regulated tier of video cable service, with only a few channels.

Enhanced Video Subscriber is a home, residential multiple dwelling unit or commercial unit that receives our video service over our broadband network or through a partner network via a digital video signal while subscribing to any recurring monthly service that requires the use of encryption-enabling technology. Enhanced Video Subscribers that are not counted on an EBU basis are counted on a unique premises basis. For example, a subscriber with one or more set-top boxes that receives our video service in one premises is generally counted as just one subscriber. An Enhanced Video Subscriber is not counted as a Basic Video Subscriber. As we migrate customers from basic to enhanced video services, we report a decrease in our Basic Video Subscribers equal to the increase in our Enhanced Video Subscribers.

Subscribers to enhanced video services provided by our operations in Switzerland and the Netherlands over partner networks receive basic video services from the partner networks as opposed to our operations.

DTH Subscriber is a home, residential multiple dwelling unit or commercial unit that receives our video programming broadcast directly via a geosynchronous satellite.

MMDS Subscriber is a home, residential multiple dwelling unit or commercial unit that receives our video programming via a MMDS.

Internet Subscriber is a home, residential multiple dwelling unit or commercial unit that receives internet services over our networks, or that we service through a partner network. Our Internet Subscribers exclude 60,200 digital subscriber line ("DSL") subscribers within Austria that are not serviced over our networks. Our Internet Subscribers do not include customers that receive services from dial-up connections. In Switzerland, we offer a 2 Mbps internet service to our Basic and Enhanced Video Subscribers without an incremental recurring fee. Our Internet Subscribers in Switzerland include 98,200 subscribers who have requested and received this service.

Telephony Subscriber is a home, residential multiple dwelling unit or commercial unit that receives voice services over our networks, or that we service through a partner network. Telephony Subscribers exclude mobile telephony subscribers. Our Telephony Subscribers exclude 44,700 subscribers within Austria that are not serviced over our networks. In Switzerland, we offer a basic phone service to our Basic and Enhanced Video Subscribers without an incremental recurring fee. Our Telephony Subscribers in Switzerland include 51,000 subscribers who have requested and received this service. We added 9,000 and 46,500 Telephony Subscribers in Romania during the second and third quarters of 2015, respectively, pursuant to a unilateral program to harmonize the value of certain of our triple-play bundles. No incremental recurring monthly revenue will be realized from the impacted triple-play bundles.

"Liberty 3.0" is a comprehensive plan to drive our top line growth, while maintaining tight control of our costs. We have looked expansively at our opportunities to accelerate new sources of revenue growth, including mobile, B2B and network expansion, coupled with driving greater efficiencies in our business by leveraging our scale more effectively. Underpinning this program is a genuine commitment to customer centricity, which we believe is key to succeeding in an ever more demanding consumer market. We expect this transformation to occur over the next several years, and as with any program of this scale, the benefits will materialize over time rather than immediately. We believe that the successful implementation of Liberty 3.0 will ultimately lead to rebased growth rates for OCF in the high-single-digits over the medium term. Nevertheless, our ability to achieve these goals is subject to competitive, economic, regulatory and other factors outside of our control and no assurance can be given that we will be successful in delivering these growth rates.

Definitions and Additional Information

Profit Forecast We are currently in an offer period (as defined in the City Code on Takeovers and Mergers (the "Code")) with respect to Cable & Wireless Communications Plc. Statements we make regarding our full-year guidance of mid-single-digit OCF growth constitute profit forecasts for the purposes of the Code (the "Liberty Global Profit Forecast"). For additional information regarding the Liberty Global Profit Forecast and the required statement by our Directors that such profit forecast remains valid, please see page 10 of Liberty Global's Q3 and YTD 2015 Results Release, dated November 5, 2015.

Information on Rebased Growth For purposes of calculating rebased growth rates on a comparable basis for all businesses that we owned during 2015, we have adjusted our historical revenue and OCF for the three and nine months ended September 30, 2014 to (i) include the pre-acquisition revenue and OCF of certain entities acquired during 2014 and 2015 in our rebased amounts for the three and nine months ended September 30, 2014 to the same extent that the revenue and OCF of such entities are included in our results for the three and nine months ended September 30, 2015, (ii) remove intercompany eliminations for the applicable periods in 2014 to conform to the presentation during the 2015 periods following the disposal of the Chellomedia operations, which resulted in previously eliminated intercompany costs becoming third-party costs, (iii) exclude the pre-disposition revenue and OCF of offnet subscribers in the U.K. that were disposed in the fourth quarter of 2014 and the first half of 2015 from our rebased amounts for the three and nine months ended September 30, 2014 to the same extent that the revenue and OCF of these disposed subscribers is excluded from our results for the three and nine months ended September 30, 2015, (iv) exclude the revenue and OCF related to a partner network agreement that was terminated shortly after the Ziggo acquisition from our rebased amounts for the three and nine months ended September 30, 2014 to the same extent that the revenue and OCF from this partner network is excluded from our results for the three and nine months ended September 30, 2015, (v) exclude the pre-disposition revenue, OCF and associated intercompany eliminations of Film 1, which was disposed in the third quarter of 2015, from our rebased amounts for the three and nine months ended September 30, 2014 to the same extent that the revenue, OCF and associated intercompany eliminations are excluded from our results for the three and nine months ended September 30, 2015 and (vi) reflect the translation of our rebased amounts for the three and nine months ended September 30, 2014 at the applicable average foreign currency exchange rates that were used to translate our results for the three and nine months ended September 30, 2015. We have included Ziggo, Choice and two small entities in whole or in part in the determination of our rebased revenue and OCF for the three months ended September 30, 2014. We have included Ziggo, Choice and three small entities in whole or in part in the determination of our rebased revenue and OCF for the nine months ended September 30, 2014. We have reflected the revenue and OCF of the acquired entities in our 2014 rebased amounts based on what we believe to be the most reliable information that is currently available to us (generally pre-acquisition financial statements), as adjusted for the estimated effects of (a) any significant differences between Generally Accepted Accounting Principles in the United States ("GAAP") and local generally accepted accounting principles, (b) any significant effects of acquisition accounting adjustments, (c) any significant differences between our accounting policies and those of the acquired entities and (d) other items we deem appropriate. We do not adjust pre-acquisition periods to eliminate non-recurring items or to give retroactive effect to any changes in estimates that might be implemented during post-acquisition periods. As we did not own or operate the acquired businesses during the pre-acquisition periods, no assurance can be given that we have identified all adjustments necessary to present the revenue and OCF of these entities on a basis that is comparable to the corresponding post-acquisition amounts that are included in our historical results or that the pre-acquisition financial statements we have relied upon do not contain undetected errors. The adjustments reflected in our rebased amounts have not been prepared with a view towards complying with Article 11 of Regulation S-X. In addition, the rebased growth percentages are not necessarily indicative of the revenue and OCF that would have occurred if these transactions had occurred on the dates assumed for purposes of calculating our rebased amounts or the revenue and OCF that will occur in the future. The rebased growth percentages have been presented as a basis for assessing growth rates on a comparable basis, and are not presented as a measure of our pro forma financial performance. Therefore, we believe our rebased data is not a non-GAAP financial measure as contemplated by Regulation G or Item 10 of Regulation S-K.

Operating Cash Flow Definition and Reconciliation

As used herein, OCF has the same meaning as the term “Adjusted OIBDA” that is referenced in our 10-Q. OCF is the primary measure used by our chief operating decision maker to evaluate segment operating performance. OCF is also a key factor that is used by our internal decision makers to (i) determine how to allocate resources to segments and (ii) evaluate the effectiveness of our management for purposes of annual and other incentive compensation plans. As we use the term, OCF is defined as operating income before depreciation and amortization, share-based compensation, provisions and provision releases related to significant litigation and impairment, restructuring and other operating items. Other operating items include (a) gains and losses on the disposition of long-lived assets, (b) third-party costs directly associated with successful and unsuccessful acquisitions and dispositions, including legal, advisory and due diligence fees, as applicable, and (c) other acquisition-related items, such as gains and losses on the settlement of contingent consideration. Our internal decision makers believe OCF is a meaningful measure and is superior to available GAAP measures because it represents a transparent view of our recurring operating performance that is unaffected by our capital structure and allows management to (1) readily view operating trends, (2) perform analytical comparisons and benchmarking between segments and (3) identify strategies to improve operating performance in the different countries in which we operate. We believe our OCF measure is useful to investors because it is one of the bases for comparing our performance with the performance of other companies in the same or similar industries, although our measure may not be directly comparable to similar measures used by other public companies. OCF should be viewed as a measure of operating performance that is a supplement to, and not a substitute for, operating income, net earnings or loss, cash flow from operating activities and other GAAP measures of income or cash flows. A reconciliation of total segment operating cash flow to our operating income is presented below.

	Three months ended September 30,		Nine months ended September 30,	
	2015	2014	2015	2014
	in millions			
Total segment operating cash flow	$ 2,191.9	$ 2,110.6	$ 6,474.2	$ 6,383.0
Share-based compensation expense	(125.0)	(73.1)	(253.0)	(182.6)
Depreciation and amortization	(1,458.4)	(1,313.5)	(4,387.6)	(4,084.0)
Impairment, restructuring and other operating items, net	(63.0)	(20.3)	(105.7)	(161.5)
Operating income	$ 545.5	$ 703.7	$ 1,727.9	$ 1,954.9

Free Cash Flow and Free Cash Flow Definitions and Reconciliations(*)

We define free cash flow as net cash provided by our operating activities, plus (i) excess tax benefits related to the exercise of share-based incentive awards, (ii) cash payments for third-party costs directly associated with successful and unsuccessful acquisitions and dispositions and (iii) expenses financed by an intermediary, less (a) capital expenditures, as reported in our condensed consolidated statements of cash flows, (b) principal payments on amounts financed by vendors and intermediaries and (c) principal payments on capital leases (exclusive of the portions of the network lease in Belgium and the duct leases in Germany that we assumed in connection with certain acquisitions), with each item excluding any cash provided or used by our discontinued operations. We believe that our presentation of free cash flow provides useful information to our investors because this measure can be used to gauge our ability to service debt and fund new investment opportunities. Free cash flow should not be understood to represent our ability to fund discretionary amounts, as we have various mandatory and contractual obligations, including debt repayments, which are not deducted to arrive at this amount. Investors should view free cash flow as a supplement to, and not a substitute for, GAAP measures of liquidity included in our condensed consolidated statements of cash flows. The following table provides the reconciliation of our continuing operations' net cash provided by operating activities to FCF for the indicated periods:

	Three months ended September 30,		Nine months ended September 30,	
	2015	2014	2015	2014
	in millions			
Consolidated Liberty Global				
Net cash provided by operating activities of our continuing operations	$ 1,473.5	$ 1,153.4	$ 4,159.3	$ 4,070.1
Increases in excess tax benefits from share-based compensation[5]	9.1	—	27.0	—
Cash payments for direct acquisition and disposition costs[6]	10.7	4.9	249.5	25.3
Expenses financed by an intermediary[7]	81.1	6.9	132.8	21.2
Capital expenditures	(589.1)	(644.3)	(1,851.5)	(2,046.3)
Principal payments on amounts financed by vendors and intermediaries	(177.6)	(167.5)	(909.7)	(566.9)
Principal payments on certain capital leases	(37.4)	(43.6)	(114.8)	(140.8)
FCF	$ 770.3	$ 309.8	$ 1,692.6	$ 1,362.6
Liberty Global Group				
Net cash provided by operating activities of our continuing operations	$ 1,405.6	$ 1,120.6	$ 3,957.7	$ 3,867.2
Increases in excess tax benefits from share-based compensation	7.3	—	23.3	—
Cash payments for direct acquisition and disposition costs	10.1	3.3	244.9	23.3
Expenses financed by an intermediary	81.1	6.9	132.8	21.2
Capital expenditures	(530.7)	(576.3)	(1,681.7)	(1,870.7)
Principal payments on amounts financed by vendors and intermediaries	(177.6)	(167.5)	(909.7)	(566.9)
Principal payments on certain capital leases	(37.0)	(43.4)	(114.2)	(140.2)
FCF	$ 758.8	$ 343.6	$ 1,653.1	$ 1,333.9
LiLAC Group				
Net cash provided by operating activities of our continuing operations	$ 67.9	$ 32.8	$ 201.6	$ 202.9
Increases in excess tax benefits from share-based compensation	1.8	—	3.7	—
Cash payments for direct acquisition and disposition costs	0.6	1.6	4.6	2.0
Capital expenditures	(58.4)	(68.0)	(169.8)	(175.6)
Principal payments on certain capital leases	(0.4)	(0.2)	(0.6)	(0.6)
FCF	$ 11.5	$ (33.8)	$ 39.5	$ 28.7

(*) Please see next slide for accompanying footnotes.

Definitions and Additional Information

Free Cash Flow

5. Excess tax benefits from share-based compensation represent the excess of tax deductions over the related financial reporting share-based compensation expense. The hypothetical cash flows associated with these excess tax benefits are reported as an increase to cash flows from financing activities and a corresponding decrease to cash flows from operating activities in our condensed consolidated statements of cash flows.

6. Represents costs paid during the period to third parties directly related to acquisitions and dispositions.

7. For purposes of our condensed consolidated statements of cash flows, expenses financed by an intermediary are treated as hypothetical operating cash outflows and hypothetical financing cash inflows when the expenses are incurred. When we pay the financing intermediary, we record financing cash outflows in our condensed consolidated statements of cash flows. For purposes of our free cash flow definition, we add back the hypothetical operating cash outflow when these financed expenses are incurred and deduct the financing cash outflows when we pay the financing intermediary. The inclusion of this adjustment represents a change in our definition of free cash flow that we implemented effective January 1, 2015. The free cash flow reported for the 2014 period has been revised to calculate free cash flow on a basis that is consistent with the new definition.

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Property and equipment additions include our capital expenditures on an accrual basis and amounts financed under vendor financing or capital lease arrangements.

Capital expenditures refer to capital expenditures on a cash basis, as reported in our condensed consolidated statements of cash flows.

The capital expenditures that we report in our condensed consolidated statements of cash flows do not include amounts that are financed under vendor financing or capital lease arrangements. Instead, these expenditures are reflected as non-cash additions to our property and equipment when the underlying assets are delivered, and as repayments of debt when the related principal is repaid.

Definitions and Additional Information

LiLAC Transaction

On July 1, 2015, Liberty Global completed the "LiLAC Transaction" pursuant to which each holder of Liberty Global's then-outstanding ordinary shares remained a holder of the same amount and class of Liberty Global ordinary shares and received one share of the corresponding class of LiLAC ordinary shares for each 20 then-outstanding Liberty Global ordinary shares held as of the record date for such distribution, with cash issued in lieu of fractional LiLAC ordinary shares. The Liberty Global ordinary shares following the LiLAC Transaction and the LiLAC Ordinary Shares are tracking shares. Tracking shares are intended by the issuing company to reflect or "track" the economic performance of a particular business or "group," rather than the economic performance of the company as a whole. The Liberty Global Ordinary Shares and the LiLAC Ordinary Shares are intended to reflect or "track" the economic performance of the Liberty Global Group and the LiLAC Group, respectively (each as defined and described below). For more information regarding the tracking shares, see note 1 to our condensed consolidated financial statements included in our quarterly report on Form 10-Q filed November 5, 2015 (the "10-Q").

"Liberty Global Group" does not represent a separate legal entity, rather it represents those businesses, assets and liabilities that have been attributed to that group. The Liberty Global Group comprises our businesses, assets and liabilities not attributed to the LiLAC Group, including Virgin Media, Unitymedia, UPC Holding, Telenet and Ziggo Group Holding.

"LiLAC Group" does not represent a separate legal entity, rather it represents those businesses, assets and liabilities that have been attributed to that group. The LiLAC Group comprises our operations in Latin America and the Caribbean and has attributed to it VTR and Liberty Puerto Rico.

Leverage and Liquidity

Our gross and net debt ratios are defined as total debt and net debt to annualized OCF of the latest quarter. Net debt is defined as total debt less cash and cash equivalents. For purposes of these calculations, debt is measured using swapped foreign currency rates, consistent with the covenant calculation requirements of our subsidiary debt agreements, and, in the case of the Liberty Global Group, excludes the loans backed by the shares we hold in Sumitomo Corp. and ITV plc.

Liquidity refers to cash and cash equivalents plus the maximum undrawn commitments under our subsidiary borrowing facilities, without regard to covenant compliance calculations.