

## FORWARD-LOOKING STATEMENTS

This presentation contains statements that are forward looking within the meaning of the Private Securities Litigation Reform Act of 1995. These include statements regarding CBRE's future growth momentum, operations, market share, business outlook, and financial expectations. These statements are estimates only and actual results may ultimately differ from them. Except to the extent required by applicable securities laws, we undertake no obligation to update or publicly revise any of the forward-looking statements that you may hear today. Please refer to our first quarter earnings report, on Form 8-K, our most recent quarterly report filed on Form 10-Q and our most recent annual report filed on Form 10-K, in particular any discussion of risk factors or forward-looking statements, which are filed with the SEC and available at the SEC's website (www.sec.gov), for a full discussion of the risks and other factors that may impact any forward-looking statements that you may hear today. We may make certain statements during the course of this presentation, which include references to "non-GAAP financial measures," as defined by SEC regulations. Where required by these regulations, we have provided reconciliations of these measures to what we believe are the most directly comparable GAAP measures, which are attached hereto within the appendix.

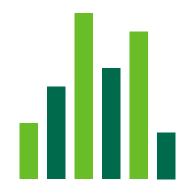
## THE GLOBAL MARKET LEADER

CBRE is the premier global provider of integrated services to commercial real estate investors and occupiers



# GLOBAL LEADERSHIP WITH BROAD CAPABILITIES

- #1 Leasing
- #1 Property Sales
- #1 Outsourcing
- #1 Appraisal & Valuation
- \$89.7 billion AUM Investment Management<sup>1</sup>



### SCALE AND DIVERSITY

- 460+ offices in over 60 countries<sup>2</sup>
- Serves over 90% of the Fortune 100
- \$311 billion of sales and lease activity and 87,000+ transactions in 2015
- 5.2 billion square feet under management<sup>3</sup>

# THE LEADING GLOBAL BRAND

# CBRE is recognized as the foremost commercial real estate authority

Barron's 500	One of only two companies to be ranked in the top 12 of the Barron's 500 in each of the past three years (2014-2016).
Forbes	Named America's 15th Best Employer (out of 500 companies)
Fortune	Ranked among the Most Admired Companies for four consecutive years
Fortune 500	Fortune 500 company since 2008; ranked #321 in 2015
International Association of ——Outsourcing Professionals	Ranked among the top few outsourcing service providers across all industries for five consecutive years
S&P 500	S&P 500 company since 2006
The Lipsey Company	Ranked #1 brand for 15 consecutive years
Euromoney	Global Real Estate Advisor of the Year four years in a row
Ethisphere	Named a World's Most Ethical Company three years in a row
CDP's Climate Disclosure Leadership Index	──► Top 10% of all S&P 500 companies

# **CBRE SERVES INVESTORS AND OCCUPIERS**

CBRE's integrated, best-in-class offering creates value for clients at every stage of the life cycle





# TRACK RECORD OF LONG-TERM GROWTH

From 2003 to TTM Q1 2016:





From Q1 2015 to Q1 2016:





See slide 27 for footnotes

## POSITIONED FOR LONG-TERM GROWTH

# CBRE leads a sector with strong underlying growth dynamics

- Consolidation
  - Leasing and capital markets services continue to consolidate but remain highly fragmented
- Outsourcing
  - Recurring contractual revenues
  - Still in early stage of penetration with occupiers
  - Contributes to largely recurring leasing revenues
- Strategic Position
  - Closed acquisition of Global Workplace Solutions on September 1, 2015
  - CBRE has market leading global depth and capability

## **KEY STRATEGIC PRIORITIES**

- Capitalize on our unique leadership position to widen our competitive advantages in the marketplace
- Continue to:
  - Drive market share gains in our core leasing and capital markets businesses with leadership and innovation
  - Enrich our operating platform (Technology & Data Enablement, Research, Marketing, Workplace Strategy, etc.) to support long-term growth
  - Acquire the leading companies in our sector that enhance our ability to serve clients
  - Enhance depth and breadth of our Occupier Outsourcing business

## **MERGERS & ACQUISITIONS STRATEGY**

## Over 100 acquisitions since 2005

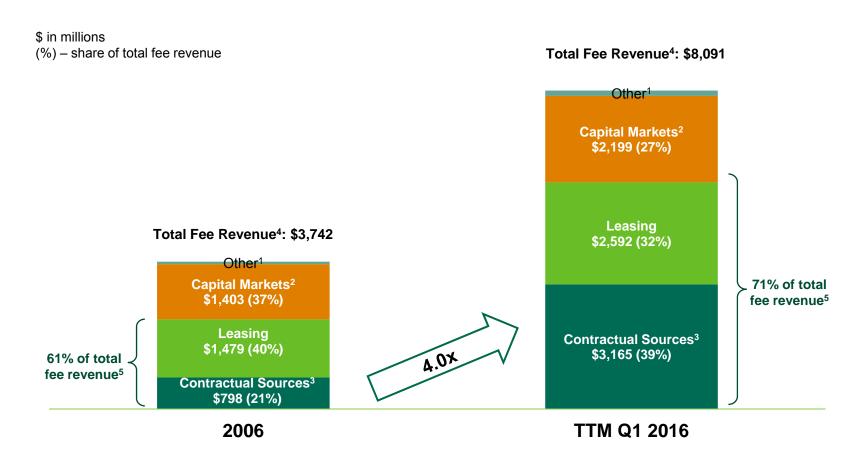
- Transactions generally fall into two categories:
  - Strategic in-fill acquisitions sourced principally by lines of business
  - Larger, transformational transactions driven by macro strategy
- On September 1, 2015, CBRE acquired Global Workplace Solutions from Johnson Controls, Inc.
  - \$1.475 billion purchase price (\$1.3 billion net of the present value of expected tax benefits<sup>1</sup>)
  - Approximately 7.3x multiple<sup>2</sup> of net purchase price to 2014 calendar year adjusted EBITDA including expected run-rate synergies of \$50 million
  - Materially completed client-facing integration activities at end of Q1 2016

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Completed over 30 acquisitions since 2013

# FEE REVENUE MIX (FY 2006 VERSUS TTM Q1 2016)

GWS acquisition solidifies a more stable, resilient long-term growth-oriented revenue and earnings profile



Note – TTM Q1 2016 includes GWS acquired revenue starting September 1, 2015. See slide 27 for footnotes

# **Q1 2016 REVENUE**

# Contractual revenue & leasing, which is largely recurring<sup>1</sup>, is 74% of fee revenue

# Revenue (\$ in millions)

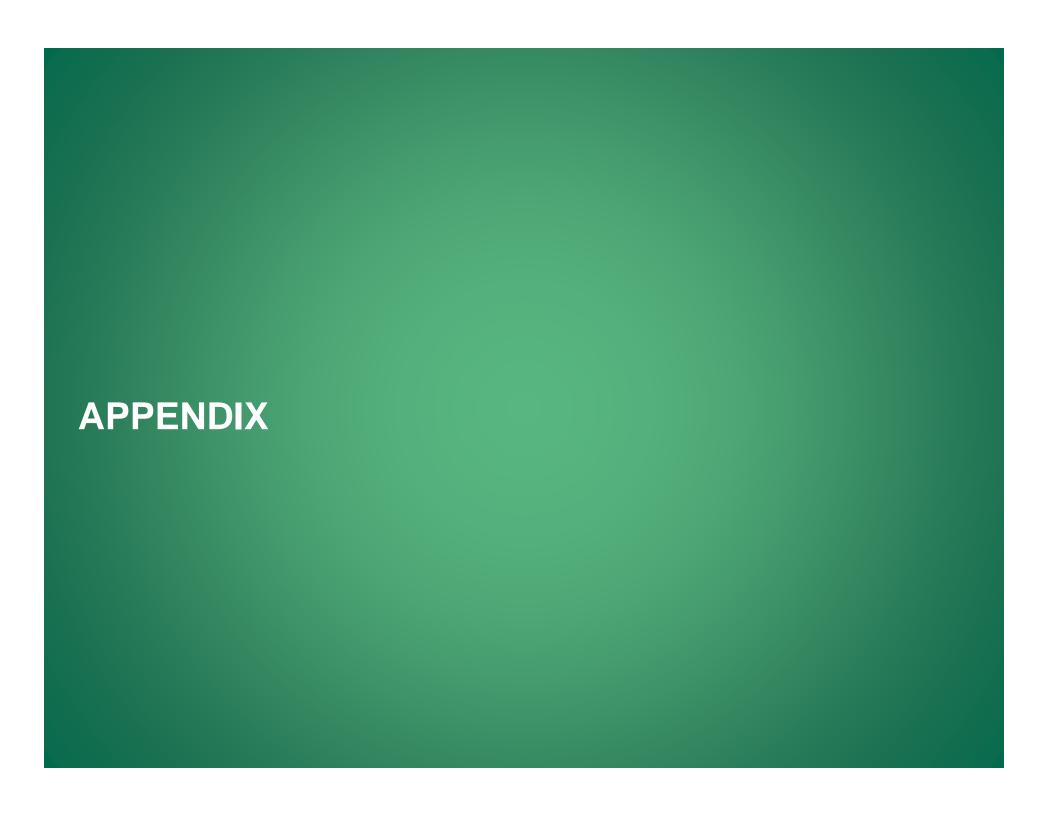
	Contractual Revenue Sources Leasing Capital Markets		Other							
	Occupier Outsourcing <sup>2</sup>	Property Management <sup>2</sup>	Investment Management	Valuation	Leasing	Sales	Commercial Mortgage Services	Development Services	Other	Total
Gross Re	venue									
Q1 2016	\$ 1,413	\$ 251	\$ 90	\$ 110	\$ 514	\$ 330	\$ 107	\$ 15	\$ 17	\$ 2,847
Fee Reve	nue³									
Q1 2016	•	\$ 117 <b>74% of</b>	\$ 90 total fee revenu	\$ 110 e	\$ 514	\$ 330	\$ 107	\$ 15	\$ 17	\$ 1,816
% of Q1 20 Total Fe Revenue	e 28%	7%	5%	6% 	28%	18%	6%	1%	1%	100%
Fee Revenue Growth Rate (Change Q1 2016-over-Q1 2015)										
USD	<b>1</b> 21%	<b>1</b> %	<b>▼</b> -18%	<b>2</b> %	<b>1</b> 5%	<b>1</b> 7%	<b>A</b> 3%	<b>4</b> 5%	▼-1%	<b>1</b> 25%
Local Currenc	y 🛕 127%	<b>4</b> %	<b>▼</b> -15%	<b>1</b> 7%	<b>1</b> 8%	<b>\$</b> 9%	<b>1</b> 3%	<b>4</b> 5%	<b>1</b> %	<b>1</b> 28%

See slide 27 for footnotes

## **KEY TAKEAWAYS**

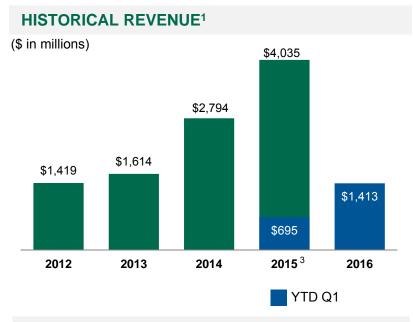
### **CBRE**:

- Leads an industry with strong underlying growth dynamics
- Is well positioned to continue its track record of long-term growth
- Has developed into a balanced business with a more stable growth profile
- Is an investment grade company with significant liquidity
- Is continuing to extend its competitive advantage in the marketplace



## **OCCUPIER OUTSOURCING**

# **Integrated Global Solutions for Occupiers**



#### **FULL SERVICE OFFERING**

- Facilities Management approximately 2.3 billion square feet globally<sup>2</sup>
- Project Management
- Transaction Services
- Strategic Consulting
- Ranked among the top few outsourcing service providers across all industries for five consecutive years<sup>4</sup>

#### **Q1 2016 TOTAL CONTRACTS**

New	50
Expansions	42
Renewals	20

#### **REPRESENTATIVE CLIENTS**

Facilities Management





Transaction Services





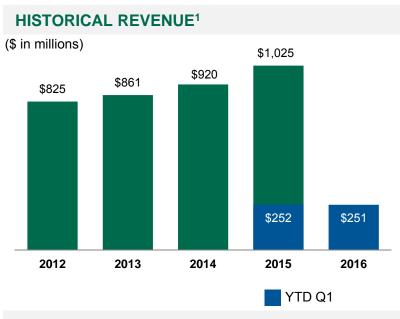






## PROPERTY MANAGEMENT

# **Optimizing Building Operating Performance for Investors**



#### **OVERVIEW**

- Manages buildings for investors
  - · Highly synergistic with property leasing
- Manages approximately 2.9 billion square feet globally<sup>2</sup>
- 300+ premier properties in major CBDs (approximately 450 million square feet)

#### **KEY STRATEGIC ACCOUNTS**









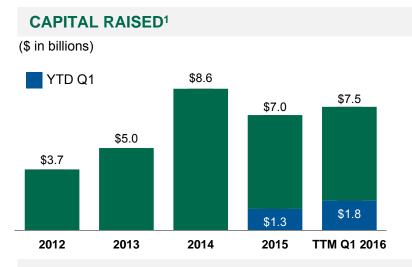






## **INVESTMENT MANAGEMENT**

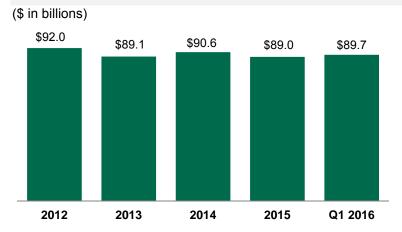
# **Performance Across Risk/Return Spectrum Globally**

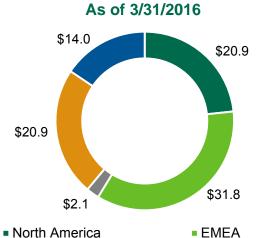


#### **OVERVIEW**

- Performance-driven global real estate investment manager
- More than 500 institutional clients
- Equity to deploy: approx. \$5,100 million<sup>1,2</sup>
- Co-Investment: \$145.6 million<sup>2</sup>

#### **ASSETS UNDER MANAGEMENT (AUM)**





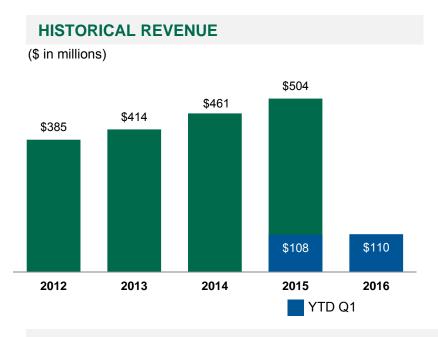
North AmericaAsia Pacific

Securities

Global Investment Partners

See slide 28 for footnotes CBRE

# **APPRAISAL & VALUATION Serving Clients Globally**



#### **OVERVIEW**

- 147,000+ assignments in 2015
- Euromoney Global Valuation Advisor of the Year for four consecutive years
- Clients include lenders, life insurance companies, special servicers and REITs

#### **PREMIER CLIENTS**

















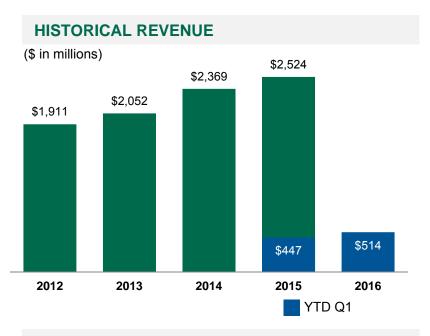






JPMORGAN CHASE & CO.

# **LEASING Strategic Advisory and Execution**



#### **RECENT TRANSACTIONS**







PwC

Dallas, TX 200,000 SF McGraw Hill

New York, NY 900,000 SF GE Energy Group

Paris, France 149,000 SF

#### **OVERVIEW**

- Advise occupiers and investors in formulating and executing leasing strategies
- Tailored service delivery by property type and industry/market specialization
- Strategic insight and high-level execution driving significant market share gains
- #1 global market position \$104.4 billion lease volume in 2015

• Office: \$69.6 billion

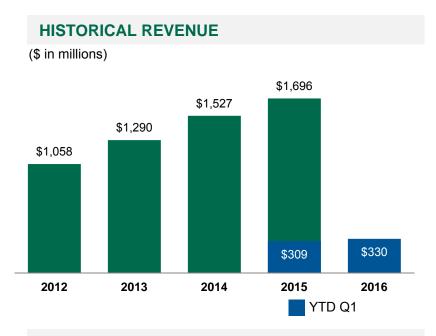
Retail: \$18.9 billion

Industrial: \$14.2 billion

Other: \$ 1.7 billion

### **PROPERTY SALES**

# **Insight and Execution Across Markets & Property Types**



#### **RECENT TRANSACTIONS**



United States
Invesco Real Estate
\$475 Million

Property Acquisition



Australia
Ascendas-Singbridge
\$242 Million

Property Acquisition



United Kingdom
Hammerson
\$481 Million
Property Acquisition

#### **OVERVIEW**

- Strategic advisor (sellers and buyers) in commercial real estate
- #1 global market share, based on Real Capital Analytics
  - 780 basis point advantage over #2 firm for full year 2015
- #1 global market position \$206.2 billion sales volume in 2015

Office: \$83.7 billion

Retail: \$36.7 billion

Multi-family: \$36.6 billion

Industrial: \$27.9 billion

Other: \$21.3 billion

## **COMMERCIAL MORTGAGE SERVICES**

# **Premier Debt and Structured Finance Solutions**

#### HISTORICAL REVENUE

(\$ in millions)



#### RECENT TRANSACTIONS







United States
Oasis at Waipahu
\$80.5 Million
Acquisition Financing



United States
GE Capital
\$2.3 Billion
Loan Sale

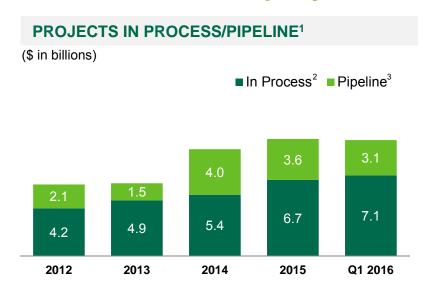
#### **OVERVIEW**

- Leading strategic advisor for debt and structured finance solutions
  - Highly synergistic with property sales
- Key services:
  - Loan origination / debt placement
  - Portfolio loan sales
  - · Loan servicing
- \$39.6 billion of global mortgage activity in TTM Q1 2016<sup>1</sup>
- Commercial loan origination with government agencies<sup>2</sup> \$12.2 billion in TTM Q1 2016
- \$134 billion loan servicing portfolio as of 3/31/16

Acquisition Financing

## **DEVELOPMENT SERVICES**

# **Trammell Crow Company - Premier Brand in U.S.**



#### **OVERVIEW**

- Premier brand in U.S. development
  - 65+ year record of excellence
- Partner with leading institutional capital sources
- \$127.7 million of co-investment at the end of Q1 2016
- \$11.3 million in repayment guarantees on outstanding debt balances at the end of Q1 2016

#### **RECENT PROJECTS**

**Park District** 



Dallas, TX Mixed-Use

The Boardwalk



Newport Beach, CA Office

McMillan



Washington, DC Healthcare

The Brickyard



Los Angeles, CA Industrial

## **NON-GAAP FINANCIAL MEASURES**

The following measures are considered "non-GAAP financial measures" under SEC guidelines:

- (i) Fee revenue
- (ii) Net income attributable to CBRE Group, Inc., as adjusted (which we also refer to as "adjusted net income")
- (iii) Diluted income per share attributable to CBRE Group, Inc. shareholders, as adjusted (which we also refer to as "adjusted earnings per share" or "adjusted EPS")
- (iv) EBITDA and EBITDA, as adjusted (the latter of which we also refer to as "Normalized EBITDA")

None of these measures is a recognized measurement under U.S. generally accepted accounting principles, or U.S. GAAP, and when analyzing our operating performance, readers should use them in addition to, and not as an alternative for, their most directly comparable financial measure calculated and presented in accordance with U.S. GAAP. Because not all companies use identical calculations, our presentation of these measures may not be comparable to similarly titled measures of other companies.

Our management generally uses these non-GAAP financial measures to evaluate operating performance and for other discretionary purposes, and the Company believes that these measures provide a more complete understanding of ongoing operations, enhance comparability of current results to prior periods and may be useful for investors to analyze our financial performance because they eliminate the impact of selected charges that may obscure trends in the underlying performance of our business. The Company further uses certain of these measures, and believes that they are useful to investors, for purposes described below.

With respect to fee revenue: The Company believes that investors may find this measure useful to analyze the financial performance of our Occupier Outsourcing and Property Management business lines and our business generally because it excludes costs reimbursable by clients and as such provides greater visibility into the underlying performance of our business.

With respect to adjusted net income, adjusted EPS, EBITDA and Normalized EBITDA: The Company believes that investors may find these measures useful in evaluating our operating performance compared to that of other companies in our industry because their calculations generally eliminate the accounting effects of acquisitions, which would include impairment charges of goodwill and intangibles created from acquisitions, and—in the case of EBITDA and Normalized EBITDA—the effects of financings and income tax and the accounting effects of capital spending. All of these measures may vary for different companies for reasons unrelated to overall operating performance. In the case of EBITDA and Normalized EBITDA, these measures are not intended to be measures of free cash flow for our management's discretionary use because they do not consider cash requirements such as tax and debt service payments. The EBITDA and Normalized EBITDA measures calculated herein may also differ from the amounts calculated under similarly titled definitions in our credit facilities and debt instruments, which amounts are further adjusted to reflect certain other cash and non-cash charges and are used by us to determine compliance with financial covenants therein and our ability to engage in certain activities, such as incurring additional debt and making certain restricted payments. The Company also uses Normalized EBITDA and adjusted EPS as significant components when measuring our operating performance under our employee incentive compensation programs.

# RECONCILIATION OF NORMALIZED EBITDA TO EBITDA TO NET INCOME (LOSS)

-					
	<b>Twelve Months Ended</b>				
(\$ in millions)	March 31, 2016 December 31, 200				
Normalized EBITDA	\$ 1,448.7	\$ 183.2			
Adjustments:					
Integration and other costs related to acquisitions	62.9	13.6			
Cost containment expenses	52.8				
Carried interest incentive compensation expense <sup>1</sup>	29.4	-			
EBITDA	1,303.6				
Add:					
Interest income	5.5	3.8			
Less:					
Depreciation and amortization	331.2	92.8			
Interest expense	127.5	71.3			
Loss on extinguishment of debt	-	13.5			
Provision for (benefit of) income taxes	314.0	(6.3)			
Net income (loss) attributable to CBRE Group, Inc.	\$ 536.4	\$ (34.7)			

<sup>1.</sup> CBRE began normalizing carried interest compensation expense in Q2 2013 in order to better match the timing of this expense with associated carried interest revenue. This expense has only been normalized for funds that incurred carried interest expense for the first time in Q2 2013 or in subsequent quarters.

# RECONCILIATION OF NET INCOME TO ADJUSTED NET INCOME AND ADJUSTED EARNINGS PER SHARE

Three	<b>Months</b>	<b>Ended</b>	March	31.
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(\$ in millions, except per share amounts)	2016	5	20	)15
Net income attributable to CBRE Group, Inc.	\$	82.2	\$	92.9
Amortization expense related to certain intangible assets attributable to acquisitions, net of tax		17.0		11.1
Integration and other costs related to acquisitions, net of tax		11.6		2.0
Cost containment expenses, net of tax		8.8		-
Adjustment of taxes to normalized rate for the full year		0.9		-
Carried-interest incentive compensation expense (reversal) to align with the timing of associated revenue, net of tax		0.3		(1.6)
Write-off of financing costs on extinguished debt, net of tax		-		1.6
Adjusted net income	\$	120.8	\$	106.0
Adjusted diluted earnings per share	\$	0.36	\$	0.32
Weighted average shares outstanding for diluted income per share	337	7,506,232	335	,698,590

# RECONCILIATION OF GROSS REVENUE TO FEE REVENUE

	Twelve Months Ended					
(\$ in millions)	March 31, 2016	December 31, 2006				
Consolidated revenue Less:	\$ 11,650.0	\$ 4,032.0				
Client reimbursed costs largely associated with employees dedicated to client facilities and subcontracted vendor work performed for clients	3,558.7	289.7				
Consolidated fee revenue	\$ 8,091.3	\$ 3,742.3				

# RECONCILIATION OF GROSS REVENUE TO FEE REVENUE

	Three Months Ended March 31,				
(\$ in millions)	20	16	2015		
Occupier Outsourcing revenue <sup>1</sup> Less:	\$	1,413.3	\$	694.9	
Client reimbursed costs largely associated with employees dedicated to client facilities and subcontracted vendor work performed for clients		897.3		461.6	
Occupier Outsourcing fee revenue <sup>1</sup>	\$	516.0	\$	233.3	
Property Management revenue <sup>1</sup> Less:	\$	250.7	\$	252.4	
Client reimbursed costs largely associated with employees dedicated to client facilities and subcontracted vendor work performed for clients		133.3		135.8	
Property Management fee revenue 1	\$	117.4	\$	116.6	
Consolidated revenue Less:	\$	2,846.7	\$	2,052.5	
Client reimbursed costs largely associated with employees dedicated to client facilities and subcontracted vendor work performed for clients		1,030.6		597.4	
Consolidated fee revenue	\$	1,816.1	\$	1,455.1	

Occupier Outsourcing and Property Management revenue excludes associated leasing and sales revenue, most of which is contractual.
 CBRE 26

### **FOOTNOTES**

NOTE: Local currency percent changes versus prior year are non-GAAP financial measures noted on slides 6 and 11. These percent changes are calculated by comparing current year results versus prior year results, in each case at prior year exchange rates.

#### Slide 3

- 1. Assets Under Management (AUM) as of March 31, 2016.
- 2. As of December 31, 2015, includes affiliates.
- 3. Property and Corporate Facilities under Management as of December 31, 2015; 7% of this square footage is managed by affiliates.

#### Slide 6

- 1. Normalized EBITDA excludes (from EBITDA) certain carried interest incentive compensation expense (reversal) to align with the timing of associated revenue, cost containment expenses and integration and other costs related to acquisitions.
- 2. Adjusted EPS includes the impact of an adjusting provision for income taxes to a normalized rate and excludes amortization expense related to certain intangible assets attributable to acquisitions, the write-off of financing costs on extinguished debt, cost containment expenses, integration and other costs related to acquisitions, and adjusts certain carried interest incentive compensation expense (reversal) to align with the timing of associated revenue.
- 3. The 25% increase reflects the negative impact of marking currency hedges to market (\$0.05) partially offset by \$0.01 gain from other currency movement.

#### Slide 9

- 1. The base purchase price was \$1.475 billion in cash plus net adjustments for working capital and other items. Such net adjustments took into account approximately \$45 million in cash acquired by CBRE in the acquisition. The purchase price has been subject to post-closing adjustments as outlined in the purchase agreement for the transaction. Deal costs are excluded from the purchase price.
- 2. Multiple based on GWS adjusted EBITDA as calculated by GWS (when owned by Johnson Controls) and using GWS's methodologies (when owned by Johnson Controls) as well as previously announced run-rate cost synergies of approximately \$50 million, which are expected to be fully realized in 2017.

#### Slide 10

- 1. Other includes Development Services (1% in both 2006 and TTM Q1 2016) and Other (1% in both 2006 and TTM Q1 2016).
- 2. Capital Markets includes Sales (33% in 2006 and 21% in TTM Q1 2016) and Commercial Mortgage Services (4% in 2006 and 6% in TTM Q1 2016).
- 3. Contractual Revenues include Occupier Outsourcing and Property Management (7% in 2006 and 27% in TTM Q1 2016; excludes associated sales and lease revenues, most of which are contractual), Global Investment Management (6% in both 2006 and TTM Q1 2016), and Valuation (8% in 2006 and 6% in TTM Q1 2016).
- 4. Fee Revenue is gross revenue less client reimbursed costs largely associated with our employees that are dedicated to client facilities and subcontracted vendor work performed for clients.
- 5. Contractual plus leasing revenues are 64% of 2006 GAAP revenue and 79% of TTM Q1 2016 GAAP revenue.

#### Slide 11

- 1. We regard leasing revenue as largely recurring because unlike most other transaction businesses, leasing activity normally takes place when leases expire. The average lease expires in five to six years. This means that, on average, in a typical year approximately 17% to 20% of leases roll over and a new leasing decision must be made. When a lease expires in the ordinary course, we expect it to be renewed, extended or the tenant to vacate the space to lease another space in the market. In each instance, a transaction is completed. If there is a downturn in economic activity, some tenants may seek a short term lease extension, often a year, before making a longer term commitment. In this scenario, that delayed leasing activity tends to be stacked on top of the normal activity in the following year. Thus, we characterize leasing as largely recurring because we expect an expiration of a lease, in the ordinary course, to lead to an opportunity for a leasing commission from such completed transaction.
- Occupier Outsourcing and Property Management revenue excludes associated leasing and sales revenue, most of which is contractual.
- 3. Fee revenue is gross revenue less both client reimbursed costs largely associated with employees that are dedicated to client facilities and subcontracted vendor work performed for clients.

## **FOOTNOTES**

#### Slide 14

- 1. Historical revenue for Occupier Outsourcing line of business (formerly Global Corporate Services or GCS, now called Global Workplace Solutions) excludes associated sales and leasing revenue, most of which is contractual.
- 2. As of December 31, 2015.
- 3. 2015 revenue includes four months of contribution from the Global Workplace Solutions business acquired on September 1, 2015.
- 4. Per International Association of Outsourcing Professionals (IAOP).

#### Slide 15

- 1. Property Management (also known as Asset Services) revenue excludes associated sales and leasing revenue, most of which is contractual.
- 2. As of December 31, 2015; 13% of this square footage is managed by affiliates.

#### Slide 16

- 1. Excludes global securities business.
- 2. As of March 31, 2016.

#### Slide 20

- 1. Activity includes loan originations and loan sales.
- 2. As measured in dollar value loaned.

#### Slide 21

- 1. As of December 31 for each year presented.
- 2. In Process figures include Long-Term Operating Assets (LTOA) of \$0.1 billion for Q1 2016, \$0.1 billion for Q4 2015, \$0.3 billion for Q4 2014, \$0.9 billion for Q4 2013 and \$1.2 billion for Q4 2012. LTOA are projects that have achieved a stabilized level of occupancy or have been held 18-24 months following shell completion or acquisition.
- 3. Pipeline deals are those projects we are pursuing which we believe have a greater than 50% chance of closing or where land has been acquired and the projected construction start is more than twelve months out.