



# Prologis

# REITWeek NAREIT's Investor Forum

New York, NY



#### Forward-Looking Statements / Non Solicitation

This presentation includes certain terms and non-GAAP financial measures that are not specifically defined herein. These terms and financial measures are defined and, in the case of the non-GAAP financial measures, reconciled to the most directly comparable GAAP measure, in our first quarter Earnings Release and Supplemental Information that is available on our investor relations website at www.ir.prologis.com and on the SEC's website at www.sec.gov.

The statements in this document that are not historical facts are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These forward-looking statements are based on current expectations, estimates and projections about the industry and markets in which we operate as well as management's beliefs and assumptions. Such statements involve uncertainties that could significantly impact our financial results. Words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates," including variations of such words and similar expressions are intended to identify such forward-looking statements, which generally are not historical in nature. All statements that address operating performance, events or developments that we expect or anticipate will occur in the future including statements relating to rent and occupancy growth, development activity, contribution and disposition activity, general conditions in the geographic areas where we operate, our debt, capital structure and financial position, our ability to form new coinvestment ventures and the availability of capital in existing or new co-investment ventures — are forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. Although we believe the expectations reflected in any forward-looking statements are based on reasonable assumptions, we can give no assurance that our expectations will be attained and therefore, actual outcomes and results may differ materially from what is expressed or forecasted in such forward-looking statements. Some of the factors that may affect outcomes and results include, but are not limited to: (i) national, international, regional and local economic and political climates, (ii) changes in financial markets, interest rates and foreign currency exchange rates, (iii) increased or unanticipated competition for our properties, (iv) risks associated with acquisitions, dispositions and development of properties, (v) maintenance of real estate investment trust status, tax structuring and and changes in income tax rates (vi) availability of financing and capital, the levels of debt that we maintain and our credit ratings, (vii) risks related to our investments in our co-investment ventures, including our ability to establish new co-investment ventures, (viii) risks of doing business internationally, including currency risks, (ix) environmental uncertainties, including risks of natural disasters, and (x) those additional factors discussed in reports filed with the Securities and Exchange Commission by us under the heading "Risk Factors." We undertake no duty to update any forward-looking statements appearing in this document, except as may be required by law.



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#### Prologis at a Glance

#### FOUNDED IN



GLOBAL **100** MOST SUSTAINABLE CORPORATIONS

NYSE: PLD

ASSETS UNDER MANAGEMENT

678 MSF

**ON FOUR CONTINENTS** 

**CREDIT RATING OF** 

A3/A-

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Note: A securities rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawal at any time

### Logistics Real Estate Delivers Consistent Returns





Logistics is projected to be the highest-performing asset class in 2017

Historically, logistics consistently delivered one of the highest returns and had one of the lowest standard deviations



### Logistics Real Estate is a Growth Industry



#### Supply Chain Reconfiguration

Normalized Demand Growth % vs. Modern Stock per Consumer Household



#### Reversal in Inventory to Sales Ratio

Ratio, Inventories to Retail Sales



Consumption is the largest share of economic activity and outperforms across economic cycles

Supply chains are becoming mission critical, driving an increase in the demand for logistics space

New trends in how inventories are carried could be a tailwind to demand



Source: Oxford Economics, World Bank, IMF, CBRE, JLL, Gerald Eve, Cushman & Wakefield, Colliers, Federal Reserve Bank of St. Louis, Prologis Research Note: "Normalized demand growth" represented by the annual reversion growth rate. Modern stock represented as a share of consumer households (those earning at least \$20,000 USD annually (PPP and inflation-adjusted)). Size of bubble reflects total modern stock

## Significant Shift As Adoption Rate Increases



# 162%

projected growth of e-commerce sales from 2015-2020

- 130% shift to
  - e-commerce
- 16% inflation
- 16% real growth in sales



Source: e-Marketer, Prologis Research Note: Includes products and services ordered using the internet via any device, regardless of the method of payment or fulfillment, excludes travel and event tickets

# E-Commerce is Reshaping the Retail Landscape



#### Source: Prologis Research, Credit Suisse (U.S. Store Closures)

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### E-Commerce Requires +/-3x Floor Space

	<b>Sales</b> US\$, B	Facilities SF, M	Productivity US\$ / SF	Efficiency SF / \$1B	
Online	\$164B	207	\$791	1,265 KSF	⁺⁄- <b>3x</b>
Brick & Mortar	\$1,303B	561	\$2,321	430 KSF	

E-fulfillment requires 3x the logistics space used by brick-and-mortar retailers due to:

- Shipping parcels versus pallets
- High inventory turn levels
- Broader product variety
- Reverse logistics = returns



## Not All E-Commerce Facilities Are New or Large





# Other Segments of the Economy Outperforming





#### Vacancies At or Near All-Time Lows









Source: CBRE, JLL, Gerald Eve, Cushman & Wakefield, Colliers, Prologis Research Note: Prologis Research forecasts as of March 2017 Asia includes five markets in Japan, 16 main markets in China and Singapore

#### Logistics Rental Rate History



Effective rental rates rising in many markets around the world

The structural decline of cap rates mitigated rent growth



Note: Global based upon Prologis share by geography, specifically 80% Americas, 17% Europe, 2% Japan and 1% China Source: CBRE, JLL, DTZ, Prologis Research

### Prologis Portfolio Located Near Consumers



#### Market Share of U.S. Operating Portfolio % of NRA



Nearly 50% of our portfolio is located in the major coastal markets, compared to <25% for other logistics REITs



Source: 2010 U.S. Census, company filings, Prologis Research Note: Owned & Managed NRA of Prologis relative to the combined total Owned & Managed NRA for DCT, DRE, EGP, FR, LPT, and REXR Shading reflects income weighted population

#### Benefits of A Focused Strategy Average Prologis U.S. Markets v. Other Logistics REITs

# RENT GROWTH +85 bps Annual Difference

2012 -2016E. Average annual market rental growth for Prologis U.S. markets vs. average of other logistics REITs<sup>(1)</sup>

CAP RATE -27 bps Current Difference

CoStar logistics market cap rate. Differential between Prologis market exposure vs. average of other logistics REITs<sup>(1)</sup>

Prologis LAX Cargo Center, Los Angeles, California



Source: CoStar and Prologis Research 1. Other logistics REITs include DCT, DRE, EGP, FR, LPT and REXR





Source: Company filings as of Q4 2016, CoStar, Prologis Research. Prologis reflects Owned & Managed portfolio Note: For all companies, properties in San Diego not shown on map



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#### Focused Submarket Strategy, Chicago Lake Michigan Central DuPage Michigan City. Chicago Auror Bolingbrook 94 Gar PLD 41 MSF DRE 13 MSF LPT 12 MSF DCT 8 MSF 1.0 MSF 0.5 MSF FR 6 MSF



Source: Company filings as of Q4 2016, CoStar, Prologis Research. Prologis reflects Owned & Managed portfolio Note: For all companies, properties in Wisconsin not shown on map. Liberty JV properties excluded due to lack of data availability

#### Seattle Multi-Story Case Study





## Serving the World's Best Brands



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### Consumer-Driven Business: Diverse by Customer & Industry





8 10

6

19.4%

of net effective rent

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Source: Prologis Research Note: Based upon internal Prologis data as of Q1 2017. The Type of Goods in Building classifications do not sum to 100%. The balance, 13%, is attributable to units where 3PL customers have more than one industry type present

#### Unique Business Model

Strong, Interconnected Enterprise Designed for Superior Results



\* This is a non-GAAP measure

1. Q1 2017 pro rata share NOI annualized



2. Q1 2017 third-party asset management fees annualized plus trailing twelve month third-party transaction fees and normalized net promotes of \$25M

3. Estimated pro rata share of value creation from development starts on a trailing twelve month basis

### Geographic Diversity with U.S. Dollar Concentration



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### Operations is Producing Record Results

#### Same Store NOI\*

Pro Rata Share



#### Period End Occupancy Owned and Managed 96.9% 97.1% 96.1% 96.5% 95.1% 94.0% 2013 2014 2015 2016 2017E 2012 Rent Change on Rollover\* Pro Rata Share 17.2% 13.1% 9.8% 5.1% -1.5% 2013 2014 2015 2016 2017E 2012 **Customer Retention** Owned and Managed 84.2% 83.1% 84.7% 84.5% 81.8% 2015 2016 2017E 2012 2013 2014



### Harvesting the Gap Between In-Place-To-Market Rent



Incremental

~\$225 million

of annual NOI at YE19

Projected ending mark-to-market will be the driver of future growth

Cash SSNOI is expected to be higher



## Strategic Capital Produces Stable, Long-Term Cash Flow



#### Growth in Third-Party Fees & Promotes<sup>(1)</sup> CAGR = 23.0%



- Very durable fee stream with over 90% from perpetual or long-life ventures
- Third-party capital:
  - Boosts return on equity by at least 350 bps
  - Minimizes Prologis' equity exposure to non-USD investments
  - Mitigates development risk in emerging markets
  - Provides "four-quadrant" access to capital



### Prudent Development Activity



#### Stabilizations



Pro Rata Share, Millions of Dollars

### Development accounts for 8.0%

of our real estate assets

#### 2017 Development Starts:

- ~90 discrete projects
- ~\$20M average investment
- ~40% build-to-suit projects
- ~97% occupancy in markets we expect to start construction
- Geographic Mix:
  - 40% U.S.
  - 10% Other Americas
  - = 25% Europe
  - 20% Japan
  - = 5% China



# Recurring Value Creation Through Development

\$26.7B Total Investment	<b>\$6.6B</b> In the U.S.	<b>\$20.1B</b> Outside the U.S.
<b>\$5.4B</b> Value Creation	<b>18.5%</b> Margin in the U.S.	<b>20.6%</b> Margin outside the U.S.
<b>1,326</b> Total Properties	<b>481</b> Properties in the U.S.	<b>845</b> Properties outside the U.S.
<b>349M</b> Square Feet	<b>120M</b> Square Feet in the U.S.	<b>228M</b> Square Feet outside the U.S.

#### We have built:

- 47% of our portfolio
- Minimized property improvements through LEED certified building specifications and the investment of sustainable materials

# Development needed in markets where:

- Product does not exist
- Supply chain undergoing reconfiguration
- Customers have requirements

#### We develop to:

- Meet customers' needs
- Deepen our market presence
- Refresh portfolio quality
- Generate profits across the cycle



# Significant Incremental Opportunity Outside the U.S.



Opportunity to increase modern stock by 3 Billion SF and \$325 Billion of new potential

investment



Source: CBRE, JLL, Gerald Eve, Cushman & Wakefield, Colliers, Prologis Research Note: Stock is for the principal markets in their respective regions

## Top-Rated Financial Position

Upgraded to A3/A- by Moody's/S&P in 2016

	Q1 2017
Debt as % of Gross Real Estate Assets	36.7%
Debt-to-Adjusted-EBITDA* with gains	5.2x
Fixed Charge Coverage with gains	5.7x
USD Net Equity Exposure	93%
Liquidity	~3.8B

#### PLD EBITDA<sup>\*(1)</sup> and Fixed Charges (Excludes ~\$275M of realized gains)

Dollars, Billions



Prologis has one of the strongest surplus EBITDAs among REITs



#### Unmatched Earnings Growth

FFO* PER SHARE CAGR	1-Year	3-Year	5-Year
PLD	15%	16%	10%
Other Logistics REITs <sup>(1)</sup>	2%	4%	4%
Blue Chips <sup>(2)</sup>	7%	8%	9%
REIT Average <sup>(3)</sup>	8%	9%	8%
S&P 500 Average <sup>(4)</sup>	6%	2%	3%

Prologis has the best Core FFO CAGR for all time periods



\*This is a non-GAAP measure Source: Factset, data as of April 30, 2017; based on earnings through 2016 1. Includes DCT, DRE, EGP, FR, LPT and STAG 2. Includes AVB, BXP, EQR, FRT, HST, PSA, and SPG 3. Includes REITs in the RMZ as of 12/31/2016 with 5 years' worth of data 4. Earnings per share for all companies in the S&P as of 12/31/2016 with 5 years' worth of data

### Superior Dividend Growth

Dividend CAGR	1-Year	3-Year	5-Year
PLD	11%	14%	8%
Other Logistics REITs <sup>(1)</sup>	5%	3%	3%
Blue Chips <sup>(2)</sup>	8%	10%	12%
REIT Average <sup>(3)</sup>	7%	8%	9%
S&P 500 Average <sup>(4)</sup>	9%	10%	12%

The **top dividend** CAGRs for one and

three-year time periods

Source: Factset, data as of April 30, 2017; based on earnings through 2016 1. Includes DCT, DRE, EGP, FR, LPT and STAG 2. Includes AVB, BXP, EQR, FRT, HST, PSA, and SPG 3. Includes REITs in the RMZ as of 12/31/2016 with 5 years' worth of data 4. Include all companies in the S&P as of 12/31/2016 with 5 years' worth of data

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#### Illustrative Three-year Growth Potential





## \$4.7B of Internal Capacity to Fund Growth<sup>(1)</sup>

Contribution Proceeds Retained Cash Flow (from Core Operations) Leverage Capacity (on Value Creation) Fotal Annual Capital Sources	\$1,050 \$100 \$150 <b>\$1,300</b>
(from Core Operations) Leverage Capacity (on Value Creation) Fotal Annual Capital Sources	\$150
fon Value Creation)	
	\$1,300
One-Time Capital Sources	
•	\$3,900(2)
Non-Strategic Building Sales 'U.S. and Europe)	\$550
Land Bank Rationalization (U.S. and Europe)	\$250
Total Additional Capital Sources	\$4,700



### **Compelling Valuation**



PEG Ratios	Adjusted PEG Ratio
Other Logistics REITs <sup>(2)</sup>	3.24
Blue Chips <sup>(3)</sup>	2.91
PLD <sup>(4)</sup>	1.90
REIT Average <sup>(5)</sup>	1.88
S&P 500 Average <sup>(6)</sup>	1.07

\*This is a non-GAAP measure

Source: Factset

1. Annualized TSR 1/1/2014-5/31/17; 2014-2016 FFO actuals as reported by companies and Factset Consensus 2017 FFO

2. Includes DCT, DRE, EGP, FR, LPT and STAG. Price to FFO divided by sum of 2017 over 2016 FFO growth rate per Factset consensus plus dividend yield as of 5/31/2017

3. Includes AVB, BXP, EQR, FRT, HST, PSA, and SPG. Same methodology as footnote 2

4. Same methodology as footnote 2 except 2016 and 2017 were adjusted for normalized promotes



5. Includes REITs in the RMZ as of 5/31/2017. Same methodology used in footnote 2 but excludes companies with PEG ratio less than -10 or larger than +10 6. Includes companies in the S&P 500 as of 5/31/17. Same methodology as footnote 4 but earnings per share used instead of FFO for non-REITs

#### Valuation Premium Comparison Price to FFO

	Universe	Logistics	Logistics Land/CIP Adjustment <sup>(1)</sup>	Logistics Adjusted Price to FFO*
Blue Chip	18.1x	20.3x	(1.7x)	Prologis 18.6x
Sector Peers	16.4x	20.3x	(1.1x)	Other Logistics REITs 19.2x
Premium	(1.7x	0.0x	-	-0.6x
			2.3x	

Prologis trades in line (adjusted basis) to Sector Peers and would need

2.3x or \$6/sh

just to catch up with Blue Chip peers

Source: Facts 1. Company 2. Blue Chip 3. Sector pee

\*This is a non-GAAP measure Source: Factset, data as of May 31, 2017 1. Company filings at March 31, 2017 2. Blue Chip companies include AVB, BXP, EQR, FRT, HST, PSA and SPG 3. Sector peers are the next six largest REITs by market cap in each of the blue chips' sub-sectors (excluding storage sub-sector, for which there are only 3 other peers). Logistics peers include: DCT, DRE, EGP, FR, LPT, STAG

# Location and Quality Matters

Going forward it's all about Same Store NOI\* growth and value creation

Prologis has superior organic and external growth potential



