

# CONTENT

- A model of property owner investor
- A **substantial potential** of value creation
- 3 Projects until 2025
- 4 Appendices



A model of **property owner investor** 

# AN EFFICIENT VALUATION THANKS TO THE LAND OWNERSHIP CONTROL COMPLEMENTING THE INVESTOR EXPERTISE





#### AN ACTIVITY WHICH CREATES VALUE FOR THE GROUP (1)

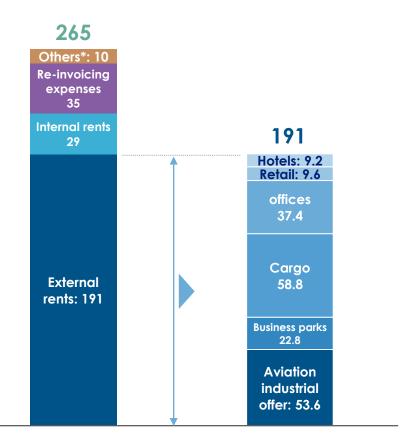
#### **Evolution since 2006** Margin rate 100% €M 90% 80% 70% 60% 50% 40% 30% 20% 10% 0% 2017 (2) External turnover Internal turnover — EBIT Margin €M (98 M€ **EBIT** excl. Fedex)

<sup>1.</sup> The real estate segment is composed of real estate activities managed by: the real estate management team and the Paris-Le Bourget airport and its four real estate subsidiaries and main participations of which two are 100% controlled by ADPSA

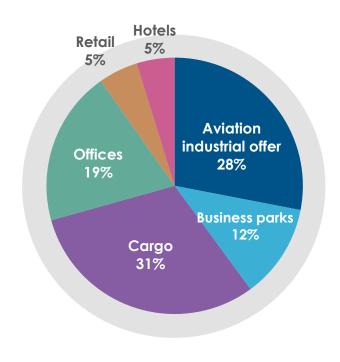
<sup>2.</sup> EBIT margin rate excluding capital gain from the hub cargo buildings accounted in "Other income and expenses" for an amount of €63 million during the 1st half of 2017 (see 24 July 2017 financial release)

#### A DIVERSIFIED BUSINESS PORTFOLIO

# 2018 rental incomes from the real estate segment (M€)

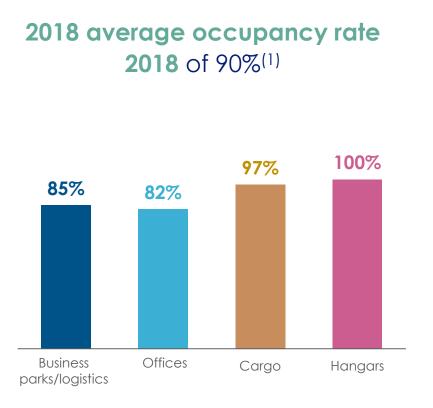


# Breakdown of the 2018 real incomes per activities

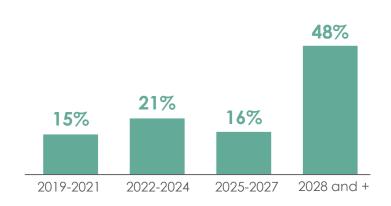


<sup>\*</sup> Rents re-invoiced to the Group subsidiaires (HubOne, ADPI...), commercial activities, and other incomes from the real estate segment

## AN ATTRACTIVE, COMPETITIVE MODEL CREATING LONG TERM VALUE



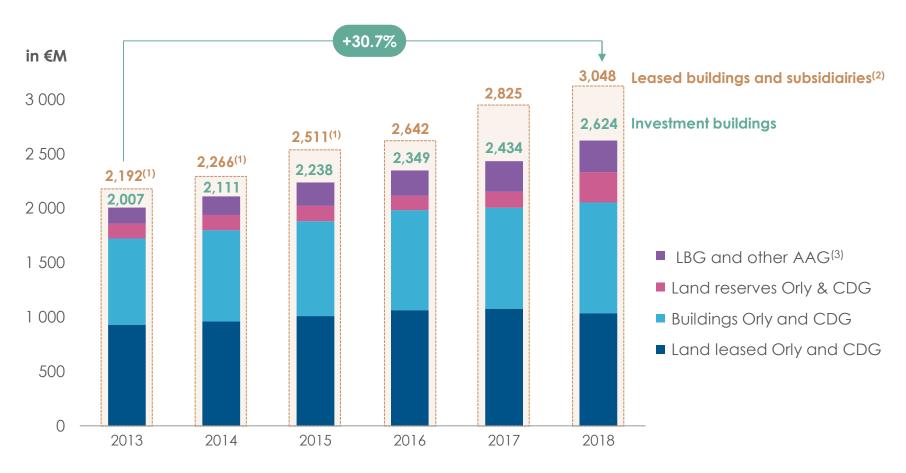
# Long maturities Current leases end date



<sup>1.</sup> Average **financial** occupancy rate of 94 % on 31/12/2018. Financial occupancy rate definition: valuation of the surface area leased valorisation / total valuation of the commercial surface area (leased areas + vacant areas)

#### A CONTINOUS LAND OWNERSHIP VALUATION BY THE GROUP

# Growth of more than 30% over the last 6 years



- 1. From 2013 to 2015, the real estate valuation out of IAS 40 scope is estimated by internal expertise
- 2. In 2018, the assets dedicated to real estate activities were valued at €3,048 million, of which €2,624 million in fair value of investment properties amounts as detailed in Note 6.3.2 of the Group's consolidated accounts. (IAS 40). This valuation includes nearly €424 million in buildings occupied by Groupe ADP for its own use, the assets held by its fully consolidated subsidiaries and assets restated according to IFRS standards under lease-financing contracts (IAS 17)
- 3. Aérodromes d'Aviation Générale: General Aviation Aerodromes

2

# A **substantial potential** of value creation

# THE 3 PILLARS OF THE REAL ESTATE VALUE CREATION



# A capacity to catch the increasing demand and the long term value

- Higher demand due to traffic dynamism and airport developments: new hotel programs, cargo, and surfaces of activity dedicated to support functions (catering, maintenance, etc)
- Important land reserves within the platforms in a general context of land scarcity around French airports
- A value boosted by the upcoming arrival of new public transports in the three parisian platforms

# 2

# An investor strategy for the future

- An opportunity to maximize the value creation
- Precise financial criterias (IRR, NPV, rent level) and main investments targets (destination and quality of assets)



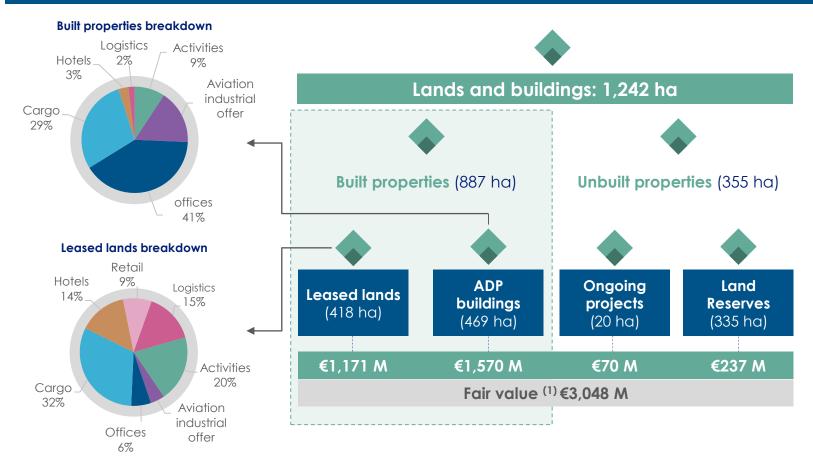
# A progressive asset recovery for a better valuation

 At the end of the land lease agreements in force, ADP may either request the deconstruction of the assets for new projects, or take back the property and lease them at a higher rent

#### A DIVERSIFIED LAND PROPERTY IDEALLY LOCATED

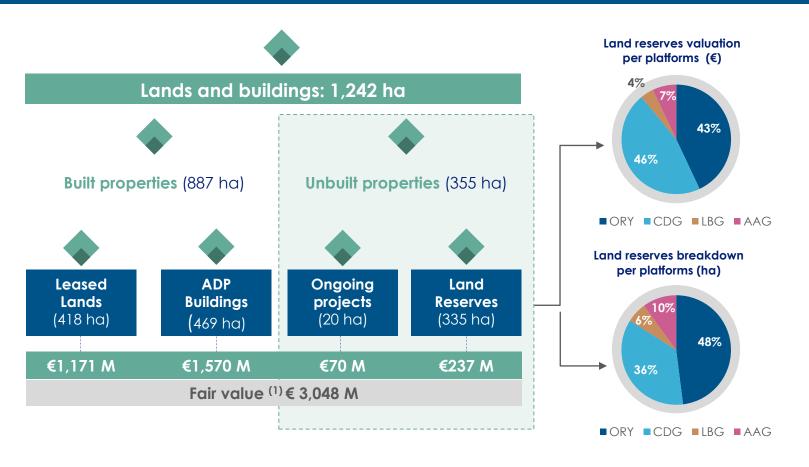
A high demand due to the traffic increase that boosts the real estate development (especially the following activities: cargo, hotels, business parks)

## Groupe ADP Ile-de-France footprint: 6,686 ha



<sup>1.</sup> Valuation as of 31 December 2018, as detailed in Note 6.3.2 of the Group's consolidated account: includes assets dedicated to real estate activities valuated according to IAS40, buildings occupied by Groupe ADP for its own use, the assets held by its fully consolidated subsidiaries and assets restated according to IFRS standards under lease-financing contracts (IAS 17)

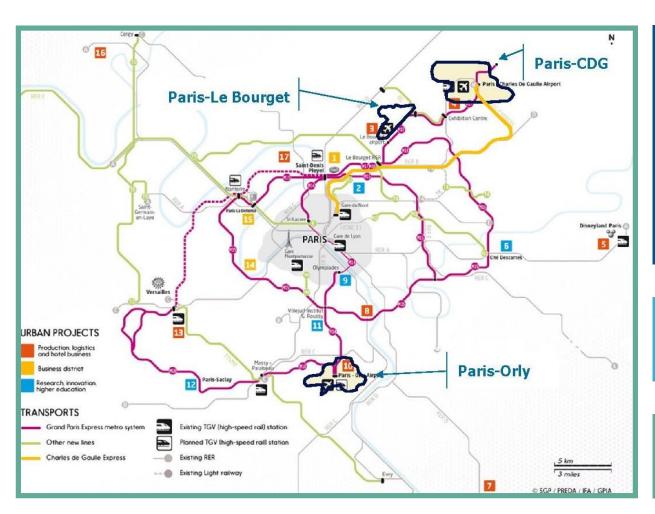
# Groupe ADP Ile-de-France area: 6,686 ha



<sup>1.</sup> Valuation as of 31 December 2018, as detailed in Note 6.3.2 of the Group's consolidated account: includes assets dedicated to real estate activities valuated according to IAS40, buildings occupied by Groupe ADP for its own use, the assets held by its fully consolidated subsidiaries and assets restated according to IFRS standards under lease-financing contracts (IAS 17)

#### A VALUE SUPPORTED BY A BETTER CONNECTIVITY IN THE MEDIUM TERM

#### An increasing attractivity thanks to Paris metropolis dynamism



**CDG Express** 

2024

Metro line 14 in Paris-Orly

Metro line 17 in Paris-Le Bourget

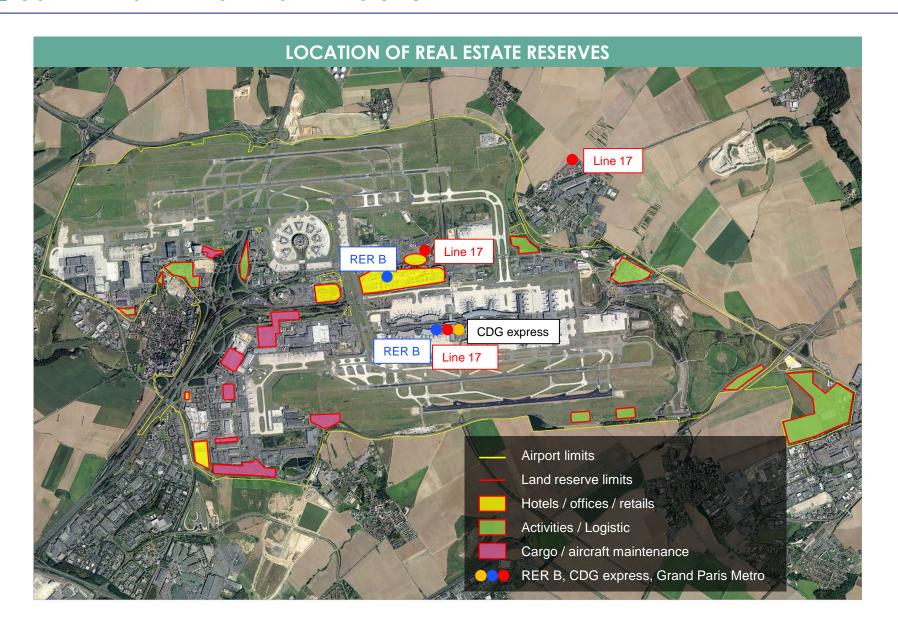
2027

Metro line 18 in Paris-Orly

2030

Metro line 17 in Paris-Charles de Gaulle

# **OUR REAL ESTATE RESERVES - PARIS CDG - 122 HA**



#### A FUTURE AIRPORT CITY





# An airport city in the heart of Paris-CDG platform

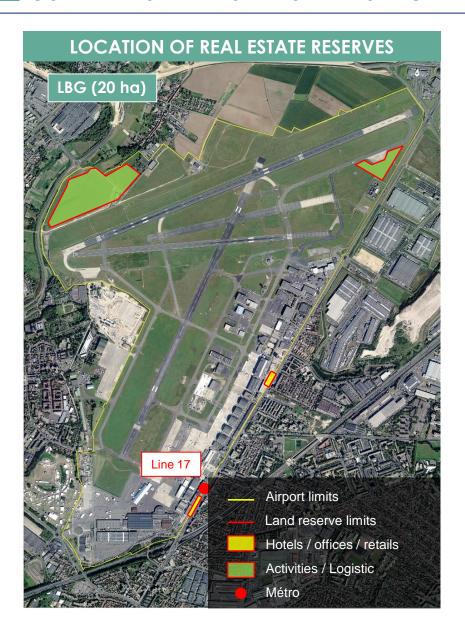
A potential property land in the platform center, connected to the railway and road networks

An ideal position for hotel and offices real estate developments, on the terminal 4 passengers direct way (60% of passengers and acompaniers will use the rail transport by then)

# **OUR REAL ESTATE RESERVES- PARIS ORLY - 161 HA**



## OUR REAL ESTATE RESERVES- PARIS-LBG AND AAG - 53 HA







#### AN INVESTMENT STRATEGY CLEARLY DEFINED

### From a developer strategy to an investor strategy

Mutiplication of rental incomes generated by Groupe ADP's new projects as investor

Developer



Investor

Rental incomes	(in €/built-up m²)	Land only	Building
Logistic		€45/m²	€100/m²
Hotel		€70/m²	€290/m²

### A valuation of projects based on financial and appreciation criterias

- Dynamism and depth of the market in which each assets are located
- Quality and intrinsic sustainability of assets

- Tenant's solvency if he has been identified
- Intrinsic risk of the operation

## Our main investment target





# FOR THE 2025 HORIZON, NEW PROJECTS ALREADY IDENTIFIED

By 2025, ADP could invest around €736 M for the creation of assets or assets takeovers, which would generate around €74 M/y of additionnal rental lease

#### In € M

Cargo		H	lotels	Business parks		
CAPEX	Resulting annual rental lease	CAPEX	Resulting annual rental lease	CAPEX	Resulting annual rental lease	
185	24	184	16	64	11	

Offices					
CAPEX	Resulting annual rental lease				
292	21				

Aviation industrial offer					
CAPEX Resulting annual rental lease					
11	2				

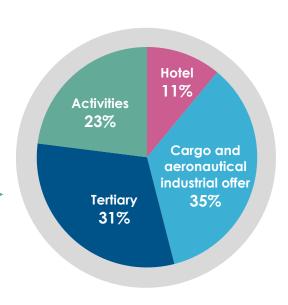
#### A POTENTIAL REAL ESTATE DEVELOPMENT ON A LONGER TERM

# After 2025, around 70% of the 2019 building potentiel still available A development potentiel reliable and readable thanks to the master plans realized for each districts

- Realistic property planning guidelines, expression of our market knowledge
- Urban planning guidelines by local area, taking into account local urban planning regulations (SDRIF, PLU)
- Enabling a reliable and realistic assessment of the building potential, by platform and by nature of activity
- Knowledge of development costs to ensure the economic viability of projects

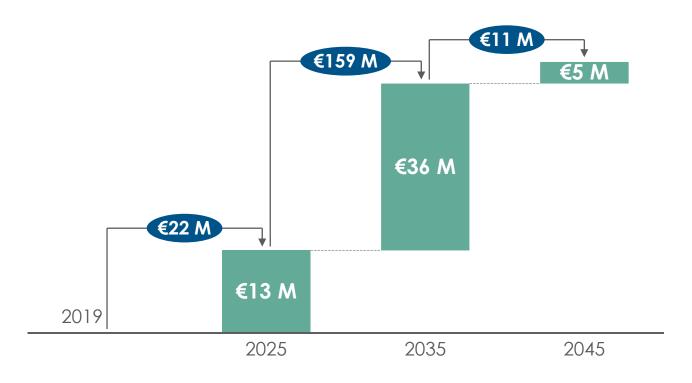
# Buildable surface and projects horizon

	Orly	CDG	LBG & AAG	Total	%
Land reserves reminder (ha)	164	138	53	355	
Building potential ('000 m²)	758	564	221	1,543	100%
Projects signed/under construction at the end of 2018 (built-up area)	32	123	25	180	12%
Projects identified up to end of 2025 <sup>(1)</sup>	158	118	-	276	18%
Building potential remaining	568	323	196	1,087	70%



# ASSETS RECOVERY PLAN AND RENTAL REVALUATION AT THE END OF LAND HISTORIC CONTRACTS

By 2045, pursuit of the reintegration policy in the ADP built-up assets belonging to third parties generating a rental upside



- CAPEX amount required by the asset takeovers (renovation)<sup>1</sup>
- Rental upside on a yearly basis



Projects until 2025

#### **5 SEGMENTS OF DEVELOPMENT**

# Cargo



#### Hotels



# **Business parks**



## Offices

An attractivity strenghtened by the connectivity/accessibility



# **Aviation industrial offer**

The dynamism of equipments and engine maintenance





#### A SUSTAINED DEVELOPMENT THANKS TO A DYNAMIC MARKET

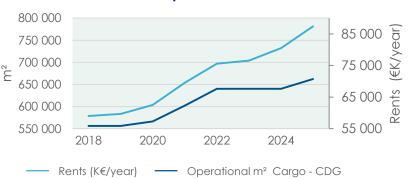
#### A strong real estate dynamism

- ◆ Since 2010, +60,000 m² of net creation of new cargo programs fully rented (+10% of facilities)
- Between 2018 and 2025, expected increase of 100,000 m² (+15% of facilities) always as an investor, except for the extension of Hub Fedex
- A maximum occupancy rate of border warehouses surfaces since 2 years (98%)

## Rents sharply increasing...

(Roissy CDG platform)

# Compared evolution of annual rents and cargo operational m<sup>2</sup> - CDG



#### ...result of Groupe ADP strategy

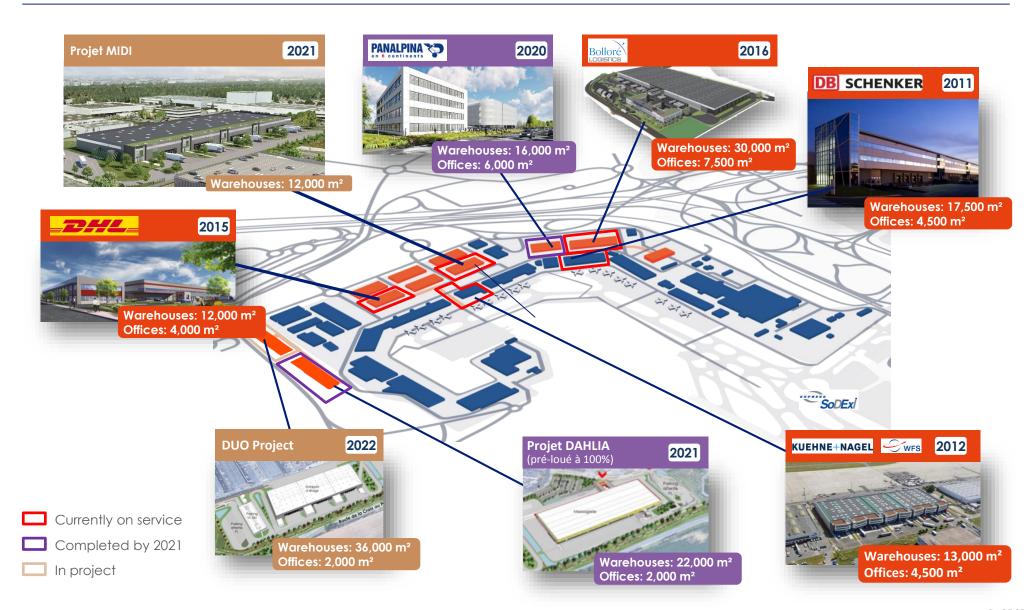
Rents (€M/year)*	2018	2021	2025	CAPEX (€M)
Rents from lands at the end of 2018	43.4	43.4	43.4	-
Rents from buildings at the end of 2018	15.4	15.4	15.4	-
Projects in development	-	7.5	15.4	174.3
Takeover of ADP property assets	-	2.4	8.4	10.6
TOTAL	58.8	68.6	82.6	184.9

<sup>\*</sup> Excluding indexation/inflation

- A rise in rents of +51%, clearly higher than the rise in created surfaces (+28%) over the 2010-2025 period, thanks to ADP as an investor position
- An average yield of cargo real estate investments twice higher than the current premium rate of the Ile-de-France logistics real estate i.e. 4.50-4.75%
- A revaluation of the unit rent at each lease renewal respecting the fair treatment imposed by the specifications of ADP (2005)



#### PARIS-CDG CARGO CITY IN CONSTANT EVOLUTION





#### THE CONTINUING DEVELOPMENT OF FEDEX AND OTHER CARGO POINTS IN PARIS-CDG







SODEXI 7,000 m<sup>2</sup> warehouses and 600 m<sup>2</sup> offices in 2014

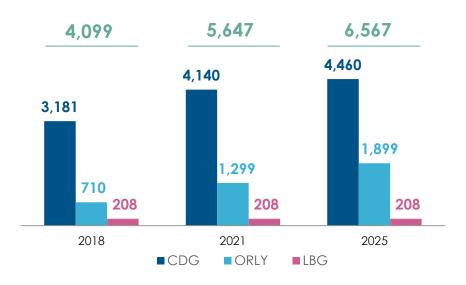


FedEx extension 47,000 m<sup>2</sup> in 2019



#### DEVELOPMENT OF THE ON-AIRPORT HOTEL OFFER

# A strong expansion of the on-airport capacity (number of hotel rooms)



# Rents carried out by the development of new projets

Rents (€M/year)*	2018	2021	2025	CAPEX (€M)
Rents from lands at the end of 2018	9.2	9.2	9.2	
Rents from projects in development	-	5.0	15.6	184.0
TOTAL	9.2	14.2	24.8	184.0

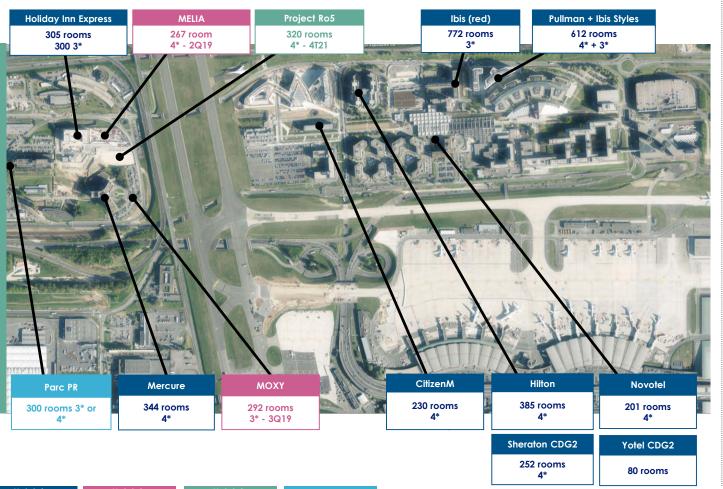
<sup>\*</sup> Excluding indexation/inflation

- Development of the on-airport hotel offer: +c. 2,400 hotel rooms expected by 2025
- ◆ A value creation (RevPAR) of an on-airport establishment significantly higher than of an establishment close to the airport of the same category<sup>(1)</sup>
- Systematic positionning of ADP as an investor on hotel projects
  - In 2018, is not an investor in any hotel establishment located on Parisian platforms
  - By 2025, it is planned that ADP will be owner of more than 1,580 hotel rooms, 24% of the hotel offer located on Parisian platforms



## PARIS – CDG – 3,181 HOTEL ROOMS AT THE END OF AND MORE THAN 1,579 IN PROJECT BY 2027

### Hotel offer and projects within the Roissy pôle area

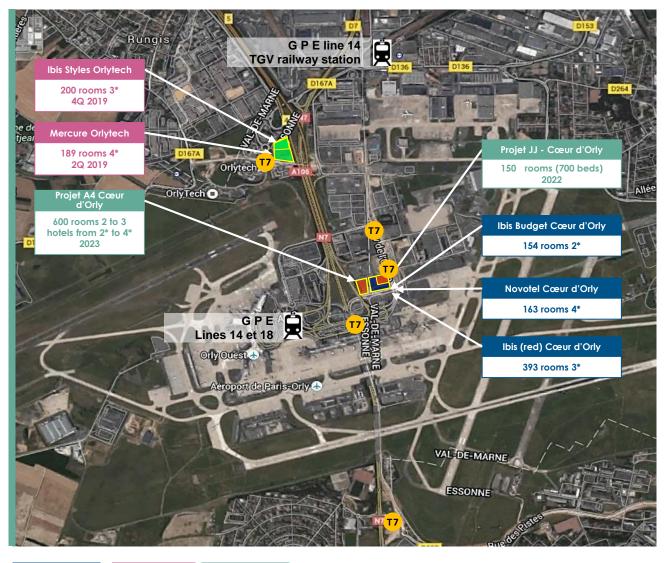


### South Aéroville projects





# ORLY: 710 HOTEL ROOMS AT THE END OF 2018 AND 1,139 IN PROJECT BY 2025



#### AN EXPANSION BOOSTED BY THE TRAFIC DYNAMISM

# Surface areas characterized by high occupancy rate

- ADP has always been an investor in its business parks, whose occupancy rates are 90% at the end of 2017
- At the beginning of 2018, commissioning of +22,000m² (ROMEO park) 50% leased at the end of October 2018 (+37% of ADP business areas)
- Between 2019 and 2025, an expected increase of 60,000m², systematically as "ADP investor"

# ...reflecting new surface areas needs and an attractive average yield

Rents (€M/year)*	2018	2021	2025	CAPEX (€M)
Rents from lands at the end of 2018	14.4	14.4	14.4	
Rents from buildings at the end of 2018	8.4	8.4	8.4	
Projects in development	-	5	8.5	64.3
Takeover of ADP property assets	-	0.7	6.3	0.0
TOTAL	22.8	28.5	33.7	64.3

<sup>\*</sup> Excluding indexation/inflation

- A structural need for areas for business directly related to the development of support functions induced by air traffic dynamics
- An average yield of ADP business parks 50% higher than the current premium yield rate in the Paris region, ie 5.6%

Source: Etude BNP Real Estate - « Investissements en France at a glance » - 3Q2018

VILLAGE ENTREPÔT VILLAGE CARGO

22,000 m<sup>2</sup>

#### **EXISTING AND PLANNED BUSINESS PARKS**

# **Paris-CDG**



# **Paris-Orly**



Existing business parks

Business parks in project



#### A GROWTH DYNAMISM THANKS TO THE METRO ARRIVALS

## **Evolution of the offer in Paris-Orly**

 An ADP service-oriented offer mainly developed in Orly by 2025, thanks to the metro line 14 arrival

#### New impetus in Cœur d'Orly with:

- The full rental of Askia (18,000m²) in 2018, and the commissioning of Belaia (23,000m²) in 2020
- The programming of a 70,000m² offices campus in North of Orly by 2024, close to a Grand Paris Express station

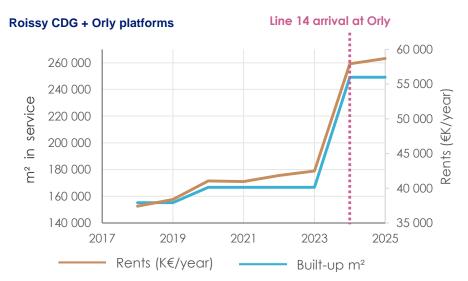
#### **Evolution of the offer in Paris-CDG**

- A offices market in Grand Roissy almost exclusively oriented towards airport actors (direct and indirect)
- The dynamism of air traffic, however, has little immediate impact on offices demand, which growth is weak
- ◆ At the end of 2018, an ADP offices park now in line (in volume and nature) with the demand for offices on the territory of Grand Roissy

# Rents and surface area boosted by the development of transport offers

Rents (€M/year)*	2018	2021	2025	CAPEX (€M)
Rents from lands at the end of 2018	11.1	11.1	11.1	-
Rents from buildings at the end of 2018	26.3	28.7	29.3	-
Projects in development	-	1	18.1	291.9
TOTAL	37.4	40.8	58.5	291.9

<sup>\*</sup> Excluding indexation/inflation





#### AN ACCELERATED EXPANSION OF CŒUR D'ORLY WITHIN THE FRAMEWORK OF THE GRAND PARIS



#### A DROP IN THE AIRCRAFT MAINTENANCE ACTIVITY COMPENSATED BY A RISE IN EQUIPMENT MAINTENANCE ACTIVITY

#### A stagnation in hangar demand

- Recent airplanes needing less hours of services and a strong competition of emerging countries with less expensive labour
- A growth in based airlines fleet which doesn't compensate the demand decline
- ◆ In 2016, Air France realeased 2 hangars in Orly for 30,200 m<sup>2</sup>
- A stable aircraft hangars occupancy in CDG for Air France fleet usual maintenance

# A strong dynamism of engines and equipment maintenance

Since 2010, creation by **Air France** of 26,500m<sup>2</sup> of engines and aircraft parts maintenance factories in Orly and CDG contributing only for land rents

### ...without growth on the segment rents

Rents (€M/year)*	2018	2021	2025	CAPEX (€M)
Rents from lands at the end of 2018	22.7	22.7	22.7	
Rents from buildings at the end of 2018	30.9	30.9	30.9	
Takeover of ADP property	0.0	0.7	2.2	11.0
TOTAL	53.6	54.3	55.8	11.0

<sup>\*</sup> Excluding indexation/inflation

- A support to the development of equipment maintenance factories consuming less land than hangars
- A restructuring of the land that has been released in favor of the service development in Paris-Orly close to the Grand Paris Express railway station
- The further implementation of the initiative consisting in the medium term the demand related to the increase of the based airlines fleet

# An **investor policy**which enables the value creation

# An exceptional land ownership potential

A booster
by a better
platform accessibility

A well secured pipeline

Robust perspective
Of continuing
Traffic growth



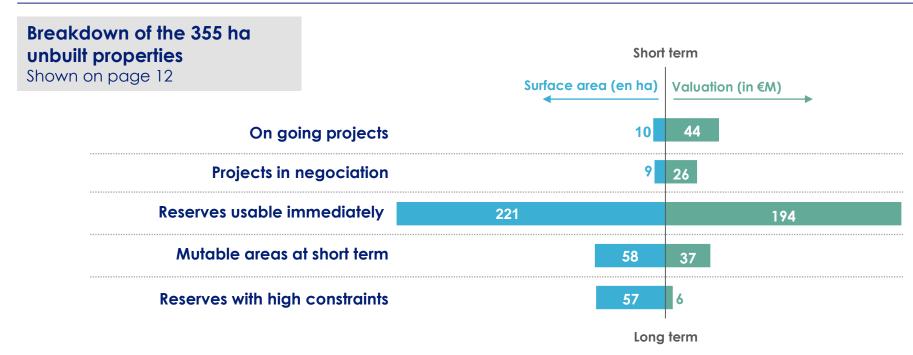
**Appendices** 

## SIGNIFICANT BUILDABLE LAND RESERVES (1/2)

- ◆ Land reserves available on all platforms (CDG, Orly, LBG, as well as some civil airfields)
- Answering all kinds of needs (offices, hotels, shops, housing, industrial activity, cargo, logistics, maintenance, aeronautical support...)
- Mainly made up of currently unused and easily adaptable land, but also areas of activity undergoing restructuring, suitable for densification
- Well served by road and motorway network
- And whose accessibility by public transport will experience a substantial improvement with the Grand Paris metro (lines 14 and 18 at Orly, line 17 at LBG and CDG), and CDG Express

(in hectares)	Orly	CDG	LBG and civil airfields	Total
Buildable land reserves	137	111	48	296
Buildable land reserves under constraints	27	27	5	59
Total	164	138	53	355
Of which land reserves under development (delivery by 2021)	2	17	1	20

## SIGNIFICANT BUILDABLE LAND RESERVES (2/2)



On-going projects:

the one with  $CPI^{(1)}$ ,  $BAC^{(2)}$  or  $BEFA^{(3)}$  already signed:

- Hôtels Rouge et Orange Heka (Le Bourget)
- Belaïa Hôtel Mélia (delivered in 2019)
- SC4
- Projects in negociation: projects well advanced with tenants but not already engaged

<sup>1.</sup> Contrat de Promotion Immobilière: Real estate promotion contracts

<sup>2.</sup> Bail à Construction: Construction leases

<sup>3.</sup> Bail en l'Etat Futur d'Achèvement: Lease before completion transaction

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#### **About Groupe ADP**

Groupe ADP develops and manages airports, including Paris-Charles de Gaulle, Paris-Orly and Paris-Le Bourget. In 2018, the group handled through its brand Paris Aéroport more than 105 million passengers and 2.3 million metric tonnes of freight and mail at Paris-Charles de Gaulle and Paris-Orly, and more than 176 million passengers in airports abroad through its subsidiary ADP International. Boasting an exceptional geographic location and a major catchment area, the Group is pursuing its strategy of adapting and modernizing its terminal facilities and upgrading quality of services; the group also intends to develop its retail and real estate businesses. In 2018, group revenue stood at €4,478 million and net income at €610 million.

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