

Market drivers and commercial strategy

Sonia Hernandez, Chief Commercial Officer



### Market drivers and commercial strategy

### Agenda

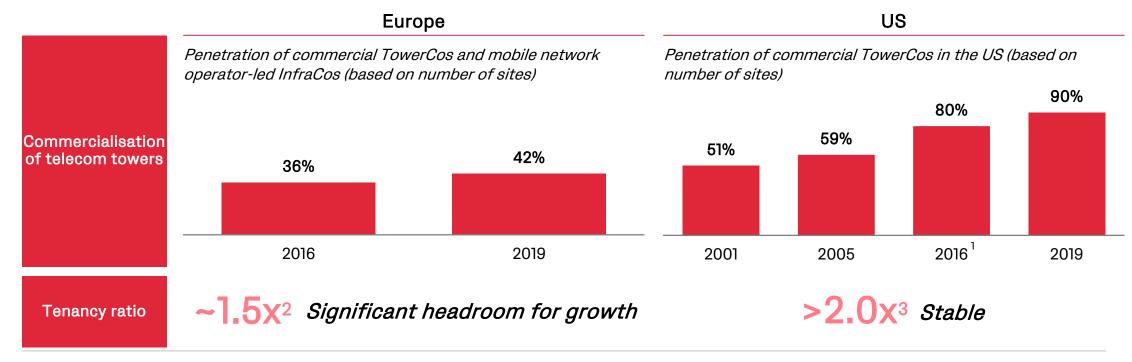
- Introduction and key investment highlights
- 2 Portfolio overview
- 3 Contracts, organisation and operations
- 4 ESG
- 5 Market drivers and commercial strategy
- 6 Understanding our financials and growth drivers
- Conclusion and Q&A

### Market drivers and commercial strategy | Highlights

- Clear and predictable drivers of data usage, 5G roll-out and coverage obligations result in attractive demand growth. Germany is at the heart of this growth
- Creation of Vantage Towers driving a switch in mindset: commercially-driven business with the right incentive structures and a clear expansion strategy
- Strong platform for sustainable growth, having already secured significant future demand
- Well positioned to capture further tenancies in our footprint, leveraging the quality of our infrastructure, and anticipating our customers' needs with geolocation tools and market intelligence
- We will expand our service portfolio to become a 5G "superhost" and a key enabler of digital Europe

Market backdrop

### Scope for substantial growth of the European tower sector





US provides a roadmap for sector development in Europe, with scaled platforms well positioned to benefit



With the roll-out of each new generation of mobile technology, users have consumed more data



TowerCos are the infrastructure that holds the key to unlocking Europe's digital future

 ${\bf Source} \ {\bf Company} \ {\bf information}, \ {\bf TowerXchange}, \ {\bf broker} \ {\bf research} \ {\bf Notes}$ 

- 1 Q2 FY16
- 2 Based on Cellnex, INWIT and Vantage Towers as of 30-Sep-20
- 3 As of 2019; based on US TowerCos generally per broker estimates

### Our markets | Large and attractive markets











Country	Germany	Spain	Italy	Greece	Other markets <sup>1</sup>
Sovereign debt rating (Moody's / S&P)	Aaa / AAA	Baal / A	Baa3 / BBB	Ba3 / BB-	Baal / A-
Number of mobile network operators	42	4	4	3	3-4
4G LTE coverage <sup>3</sup>	94%	98%	97%	97%	93%
5G auctions completed4	<b>√</b> (Jun-19)	✓	<b>√</b> (Oct-18)	×	<b>√</b> 5
2019-24 data usage CAGR	43%	30%	49%	41%	32%
					✓ Completed



Operating in some of Europe's largest markets



Large telecom markets with 3-4 operators in each of our markets



LTE coverage improvement potential in some of our markets underpins demand for tenancies to meet coverage obligations



Rapidly growing data consumption in all of our markets coupled with high-band 5G network roll-outs drive tenancy demand and need for densification

- Partial
- Planned

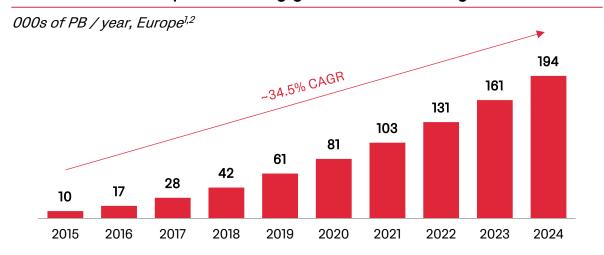
Average of Portugal, Ireland, Czech Republic, Hungary and Romania

- Germany, Spain and Other markets based on population coverage; Italy and Greece based on household coverage; Digi excluded from Hungary in Other markets
- Germany: completed auctions in the 2.1GHz and 3.6GHz bands; consultations on 26GHz spectrum auction underway. Italy: completed auctions in the 700MHz, 3.7GHz and 26GHz bands; Hungary: completed auctions in the 700MHz, 2.1GHz and 3.6GHz bands
- 5 Completed / partial auctions / auctions underway: Hungary, Ireland, Czechia, Romania

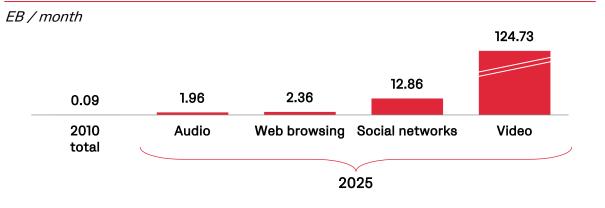
Source Company information, Moody's, S&P, Analysys Mason, 5G Observatory, press

### Strong data usage | Driving further densification requirements

### Anticipated strong growth in data usage...



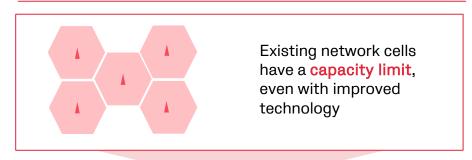
### ...driven by ever-growing adoption of internet based applications...



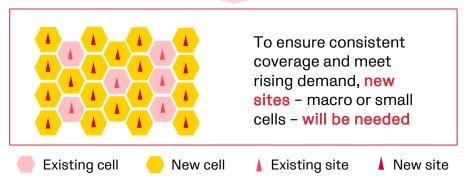
**Source** Analysys Mason, Ericsson Mobility Report, Company information **Notes** 

- Western, Central and Eastern European data usage
- 2 FY refers to fiscal year ending 31-Mar

### ...will require additional sites to densify networks

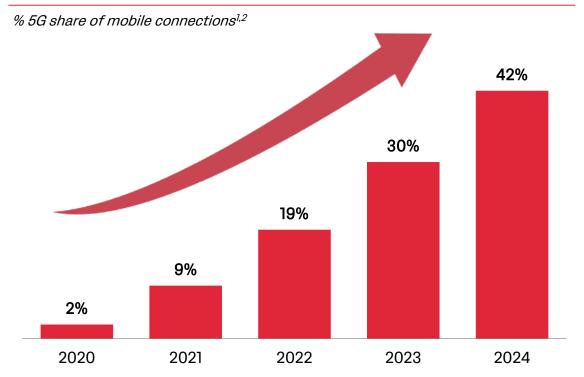






### Accelerating 50 presence | Generating long-term growth

### Accelerating 5G presence





5G densification requirements expected to drive growth in demand for towers in the long term

### Supportive government initiatives

Higher use of data during COVID-19 pandemic has prompted governments worldwide to take new measures to cater to customer demand:



European Commission proposed to create the Next Generation EU recovery fund of €750bn to invest in EU's digital transition (more and better connectivity driven by rapid deployment of 5G networks)



Individual European countries are providing ad-hoc funding to accelerate 5G network roll-out (e.g. funds to support 5G network expansion in Germany as part of €130bn stimulus package)

Source Analysys Mason

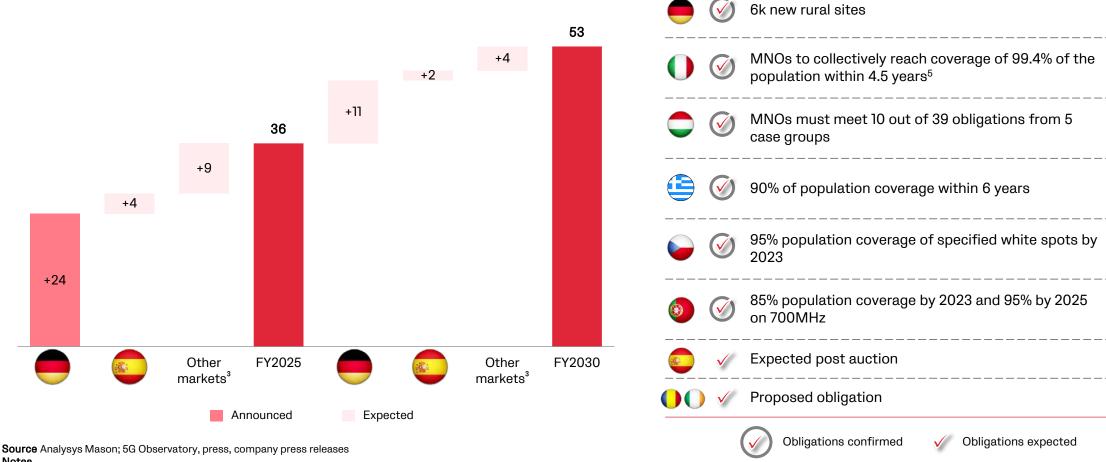
- Western European % 5G share of mobile connections
- 2 FY refers to fiscal year ending 31-Mar

# Coverage obligations | Driving near-term growth

~36k incremental PoPs required by FY25 across our markets, growing to ~53k by FY30

Europe: incremental PoPs from coverage obligations ('000s)<sup>1,2</sup>

### Operator coverage obligations<sup>4</sup>



- Based on Analysys Mason PoPs forecast for all markets, including new entrants, where Vantage Towers is present (excluding Italy and the UK)
- FY refers to fiscal year ending 31-Mar
- Greece, Portugal, Ireland, Czech Republic, Hungary and Romania
- List of coverage obligations not exhaustive, actual coverage obligations can vary significantly from industry expectations which in-turn significantly impacts estimated PoPs
- Mobile network operators to reach 5G service coverage of 80% of the population within 3 years (4 years for new entrants) from the availability of the spectrum

### 50 densification | Required to unleash high-band spectrum potential

As 5G spectrum auctions are completed and MNOs begin roll-out of shorter wavelength, high band spectrum, a significant increase in sites/PoPs will be required to support ultra-fast, highly reliable 5G applications

#### Auctioned already

Auctions scheduled for 2020/21









Across Europe, high-band spectrum recently awarded or will be in 2020/21



Short cell radius associated with high-band spectrum generates a need for an increased number of new sites





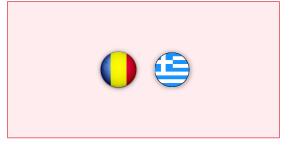




5G use cases based on ultrareliable low-latency
communication (e.g. factory
automation, smart grid) and
massive machine-type
communication (e.g. smart
logistics, connected cities) will
drive long term demand for high
band spectrum, which drives
densification





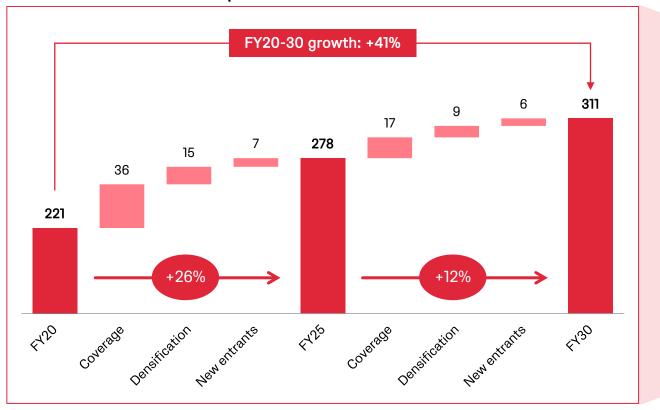




### Together driving sustained, ongoing growth in tenancies

Coverage requirements and densification needs to support rapid data growth forecast to drive a significant growth in tenancies across Europe

### Europe PoPs forecast ('000s)<sup>1,2</sup>





Significant growth driven by coverage obligations from FY20-25 as MNOs seek to meet population/area requirements



Rapidly-growing data usage driving need for densification to ensure consistent coverage



Potential new entrants following recent and future spectrum auctions



Vantage Towers has relationships with all key mobile network operators and a strategically located portfolio, well positioned to capture expected growth

 also developing relationships with non-MNO customers

#### Source Analysys Mason

- 1 Based on Analysys Mason PoPs forecast for all markets, including new entrants, where Vantage Towers is present (excluding Italy)
- 2 FY refers to fiscal year ending 31-Mar

# Commercial strategy

### Commercial strategy | Shift to a proactive approach

Shift from reacting to our competitors' requests to identifying and anticipating our customers' needs

#### Before:

Reactive response to competitor site requests

#### Competitors



- Reactive bilateral deals, often with a barter component
- No designated commercial team to drive lease-up
- Reaction to incoming requests for tenancies on a "best

#### Now:

Proactive identification of customer site requirements

#### **Customers**



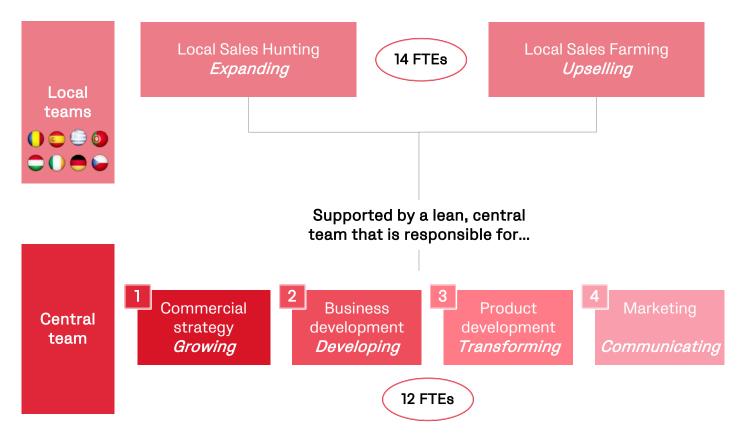
- Independent Tower Company, incentivised to drive tenancies beyond Vodafone
- Strong, dedicated commercial team engaging with counterparties since May
- Proactive identification of customer site requirements using geo-analysis and market intelligence
- Clear strategy to drive tenancy and deliver growth

efforts" basis, but limited incentive to accommodate

14 **Source** Company information

# Our commercial setup | Fit-for-purpose, with a clear growth focus

Sales experts in each of our local markets are responsible for building a strong pipeline of opportunities with both existing and new customers





Dedicated sales executives with extensive knowledge and experience of the markets in which they operate



Commercial team incentivisation linked to performance against the business plan



Boosted by our own CRM tool to facilitate the tracking of the evolving and growing pipeline of opportunities

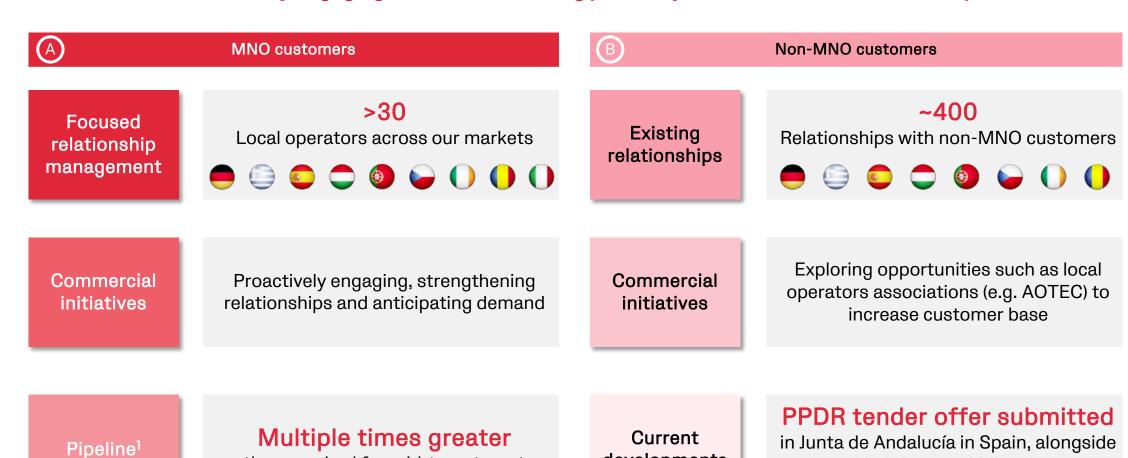


Empowered to sell by 4 centrally-led, key strategic objectives that promote business expansion

Source Company information

# Commercial strategy | In practice

Our customers are actively engaging with us and reacting positively to our new commercial set-up



developments

Source Company information

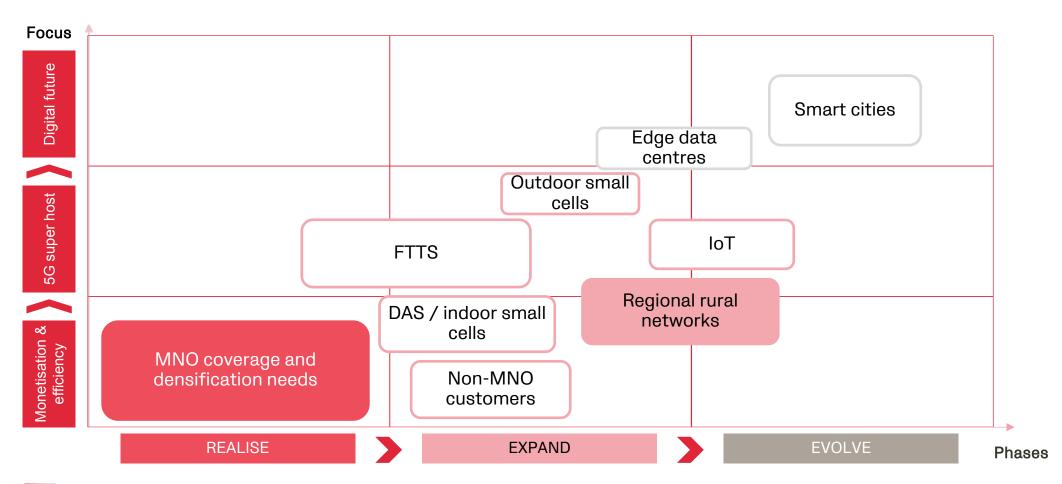
than required for mid-term target

Vodafone and Minsait



# Growth roadmap | A phased approach to growing value

Expanding our portfolio offering so as to become one of Europe's 5G "superhosts" and a leading digital enabler



Reflects the illustrative potential of market opportunity

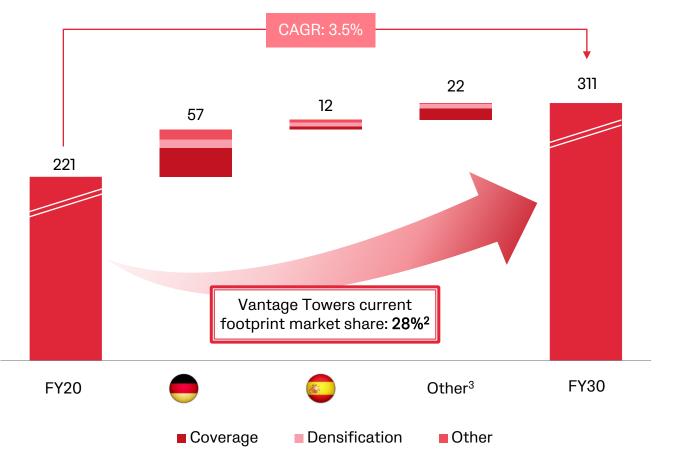
Source Company information 18

# Market tenancies | Germany at the heart of our growth

Coverage obligations and densification needs forecast to drive significant growth in tenancies across our markets

~90k growth in market tenancies across our markets ('000s)1

### Highlights





Attractive market growth in our footprint

 ~90k incremental tenancies expected over the next 10 years



Germany is the largest opportunity, mainly driven by coverage obligations, densification and new entrant

- 63% of incremental tenancies



Spain is projected to grow at ~2% CAGR and other markets at >2.5% CAGR over the next 10 years, mainly driven by coverage obligations and densification needs

Source Analysys Mason

#### Notes

- 1 Based on Analysys Mason PoPs forecast for all markets where Vantage Towers is present (excluding Italy)
- Market share based on Vantage Towers' tenancies in respect to total tenancies/PoPs in the markets where they operate as of the latest company information and 2020 Analysys Mason data
- 3 Includes Greece, and Other European Markets

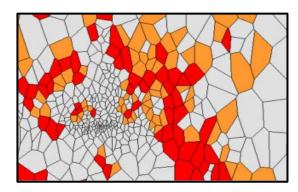
### Data-driven planning approach | In-depth analysis to assess future growth

Using geo-analysis of our sites and those of our competitors, MNO traffic forecasts, and spectrum obligations to forecast the demand for new sites and colocations on Vantage Towers' portfolio

Illustrative examples

Key drivers underpinning our assessment

#### **Densification needs**



'Hot' and 'Warm' PoPs in Hamburg

To rapidly meet growing traffic demand

### Coverage obligations

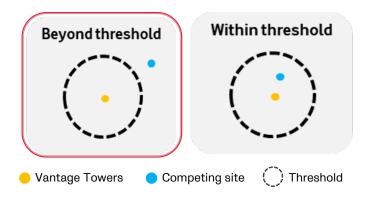


Coverage of national roads and motorways in Spain

To fulfil current and expected spectrum obligations

### Co-tenancy attractiveness

Sites deemed attractive when beyond our competitors' reach

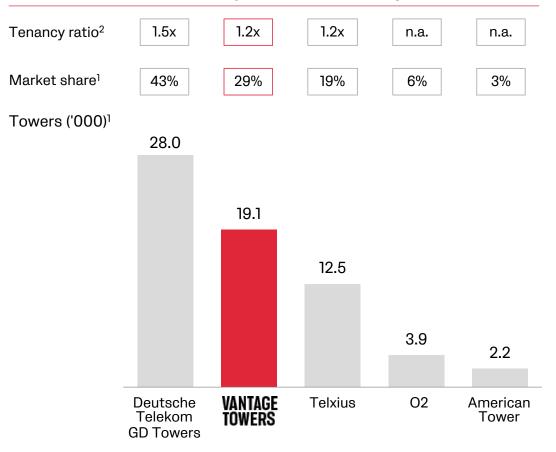


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### **VANTAGE**

# Germany | Strong #2 player well positioned to capture new demand

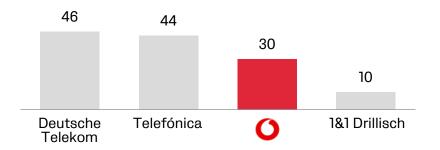
### #2 tower operator in Germany<sup>1</sup>



### Attractive mobile market with a new entrant expected to drive significant co-location demand



Mobile network operator subscribers<sup>3</sup> (m)





4 player market with 1&1 as a new entrant

1&1 potential to roll-out ~15k PoPs over the next 15 years (source: Analysys Mason)



4G population coverage of 94% vs. Government target of 98% coverage nationwide by 2020

Resulting in coverage obligations driving demand for additional tenancies

Source Company information, TowerXchange, Fitch Solutions, Analysys Mason and Bundesnetzagentur Notes

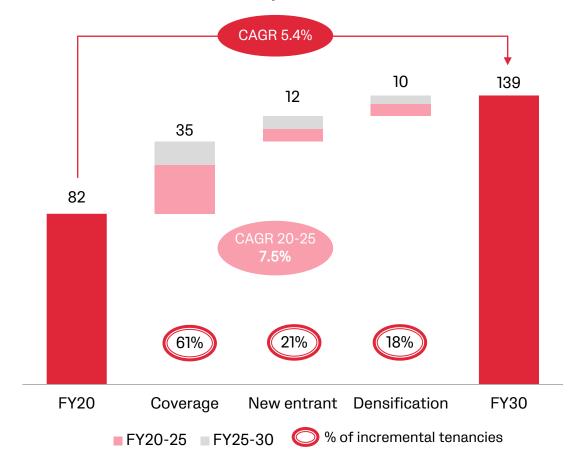
- Based on number of sites; data as of 30-Sep-20 for Vantage Towers, latest available for other operators from TowerXchange
- GD Towers as of disclosure in Deutsche Telekom 2018 CMD, Vantage Towers as of 30-Sep-20
- Data from Fitch Solutions as of latest available (2019) for DT and Telefonica and for 1&1 from H120 public reporting; number of PoPs as of 2020 Analysys Mason data



### Germany | 57k new market tenancies expected over the next 10 years

### Coverage obligations, densification needs and new entrant expected to drive new demand

Market tenancies evolution in Germany ('000)1



Key highlights for Vantage Towers



Significant growth already contracted



Preferred supplier to Vodafone, positioning Vantage Towers strongly to capture new sites demand above initial upfront commitment of ~5,500 sites



Attractively located sites for new tenants



Low tenancy ratio providing lease-up potential



Potential for further upside to be unlocked on rooftop sites

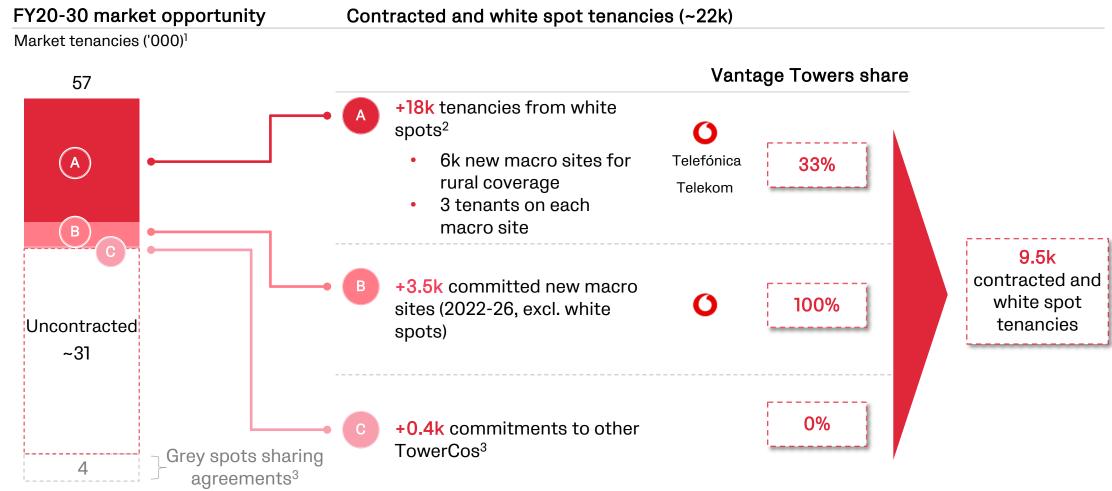
Source Analysys Mason

Note

1 Based on Analysys Mason PoPs forecast for Germany

# Germany | Significant growth already contracted

Vantage Towers has already secured 9.5k tenancies from white spots coverage and new macro site commitments



Source Company information, Analysys Mason Notes

Based on Analysys Mason PoPs forecast for Germany

<sup>2</sup> Agreement between Vodafone, Deutsche Telekom and Telefonica Deutschland not yet finalised. Subject to change but new sites commitment confirmed by Vodafone

<sup>3 50%</sup> on Vantage Towers footprint but not counted towards tenancy ratio as non-revenue generating. Subject to competition approvals

<sup>4</sup> Telefonica commitment to Telxius, excl. white spots

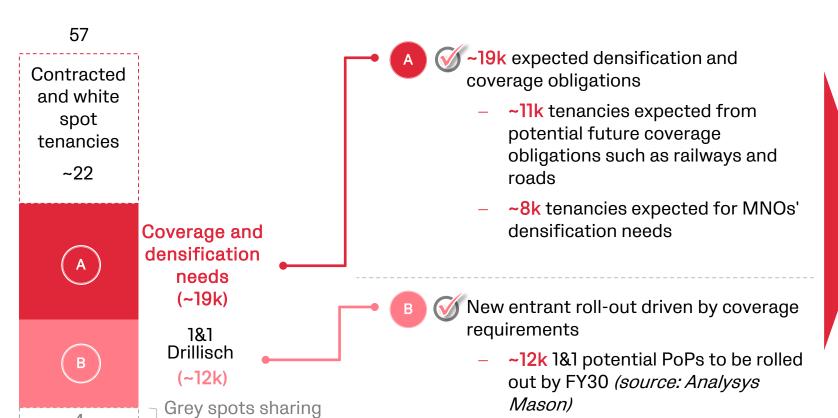
### Germany | Well positioned to capture uncontracted tenancies

Portfolio representing 29% of German towers positions Vantage Towers strongly to compete for >30k uncontracted tenancies

FY20-30 market opportunity

Uncontracted tenancies (~31k)

Market tenancies ('000)1



Our market share and commercial focus position us to compete for a significant portion of uncontracted tenancies<sup>3</sup>

Source Company information, Analysys Mason

#### Notes

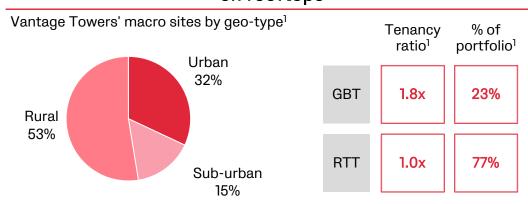
- Based on Analysys Mason PoP forecasts
- 50% on Vantage Towers footprint but not counted towards tenancy ratio as non-revenue generating

agreements<sup>2</sup>

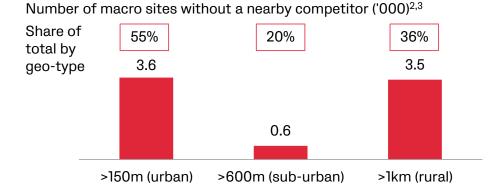
3 Management view

### Germany | Attractive portfolio characteristics

### Well balanced portfolio with significant co-location upside on rooftops



#### Attractively located sites underpins co-location potential





Lower tenancy ratios on rooftop towers



55% of macro sites in urban areas do not have a competing tower within 150m, with high share of macro sites in strategic locations which are particularly attractive for new entrants and densification needs



Attractively located sites with 47% of macro sites in urban and suburban areas, well positioned to capture demand from densification



Over one third of rural macro sites with no alternative infrastructure within 1km, well positioned to capture demand from coverage requirements

**Source** Company information, Analysys Mason

#### Notes

- As of 30-Sep-20
- 2 As of 2020 from Analysys Mason data (produced by Analysys Mason based on company data, conclusions formed by the company)
- 3 Urban is >100k inhabitants, Suburban <35k and >100k inhabitants, Rural is <35k inhabitants

# Germany | Driving rooftop tenancies lease-up

Significant upside from sharing of rooftops, many of which are well located to address densification needs

### Historical barriers to entry under Vodafone ownership

### Strategic

Strategic locations viewed as a source of competitive advantage

#### Contractual

Contractual limitations on subletting

#### Technical

X Limited physical, structural and EMF capacity

### capacity

#### Status under Vantage Towers

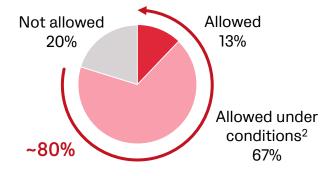
- ✓ Majority of portfolio with lease-up potential under Vodafone MSAs
- ✓ Cost / time effective vs building a new site

### ✓ Secure rights through lease optimisation programme (renegotiation or buyout)

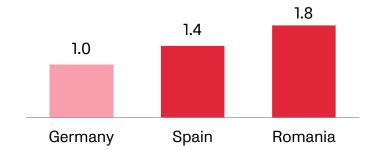
✓ Negotiate rights where Vantage Towers acts on behalf of its tenants

- ✓ Optimise equipment footprint
- ✓ Passive antenna sharing (e.g. Spain)

### Potential to share on a large portion of our portfolio<sup>1</sup>



Rooftop co-location in other countries underpins ability to overcome technical barriers Vantage Towers rooftop physical tenancy ratio<sup>3</sup> (x)



#### **Source** Company information

#### Notes

- Based on a sample of 14.3k RTT contracts
- Conditions include: notice to landlord, landlord approval, sublease to Vodafone related companies only and Vodafone internal with additional payment
- 3 Incl. physical tenancies only



# Germany | Key takeaways

Coverage obligations and densification driving >75% growth in new tenancies over the next 10 years, with a significant share secured by Vantage Towers

We have significant committed demand of 9.5k contracted and white spot tenancies

Our sites' strategic locations and physical capacities underpin the ability to attract new tenants

Significant upside from our focus on enabling rooftop sharing

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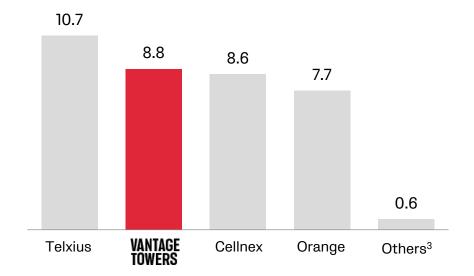
### Spain | #2 TowerCo, with #2 and #3 MNOs as anchor tenants

### #2 tower operator in Spain1

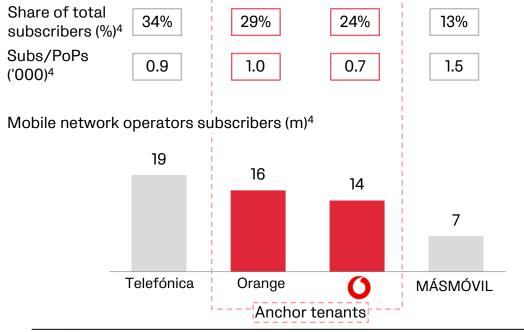
 Tenancy ratio²
 n.a.
 1.6x
 1.9x
 n.a.
 n.a.

 Market share¹
 29%
 24%
 24%
 21%
 2%

Towers ('000)1



#### Anchor tenant relationship with Vodafone and Orange





98% 4G population coverage

Additional coverage obligations expected with 5G auction



Network sharing means Vantage Towers is a critical infrastructure provider to both Vodafone and Orange, together representing >50% mobile market share

**Source** Company information, TowerXchange, Analysys Mason, Fitch Solutions **Notes** 

- 1 Based on number of macro telco sites; data as of 30-Sep-20 for Vantage Towers, 2Q20 public reporting for Cellnex and latest available for other operators from TowerXchange
- 2 Vantage Towers as of 30-Sep-20 and Cellnex as of 3Q20 company reporting
- Includes Axion
- 4 Data from Fitch Solutions as of latest available (2019); number of PoPs as of 2020 Analysys Mason data



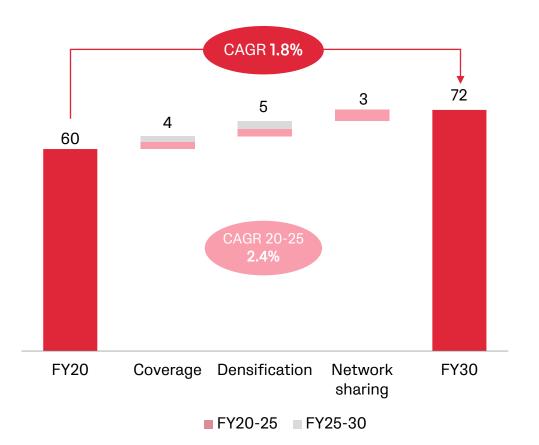


# Spain | Well positioned to capture a large portion of market tenancies

#### Densification needs expected to drive new demand

### Key highlights for Vantage Towers

Market tenancies evolution in Spain ('000)<sup>1</sup>





Significant growth already contracted



Catering to Vodafone and Orange as co-anchor tenants under network sharing agreement



Preferred supplier to Vodafone, positioning Vantage Towers to capture new sites demand



Attractively located sites for new tenants

Source Analysys Mason

1 Based on Analysys Mason PoPs forecast for Spain

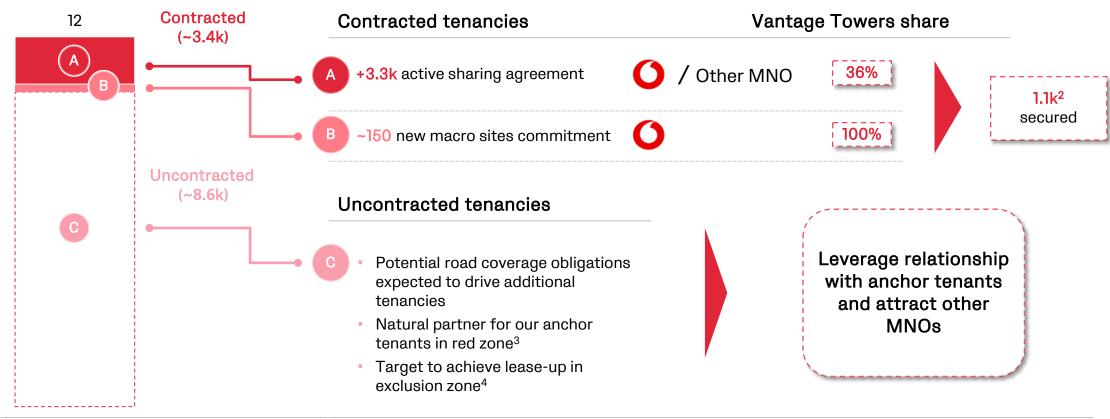


# Spain | Future demand partly secured through sharing agreements

Portfolio representing 24% of Spanish macro sites positions Vantage Towers strongly to compete for 8.6k uncommitted tenancies

### FY20-30 market opportunity

Market tenancies ('000)1



**Source** Company information, Analysys Mason, TowerXchange **Notes** 

- Based on Analysys Mason PoPs forecast for Spain
- Net of decommissioning of 0.9k sites in total, of which 0.7k related to the active sharing agreement
- 3 Zone where Vodafone and Orange are actively sharing equipment



# Spain | Vodafone/Orange active sharing partnership on our towers

#### Agreement summary



#### Orange

- In April 2019 Vodafone and Orange agreed to an active sharing partnership in Spain
- Spanish territory to be split into Red and Orange Zones, where each of the MNOs is the anchor on Vantage Towers sites
- Extension of current coverage area from cities with <25k population to cities with <175k; cities with >175k population excluded for active sharing
- 4

Technologies: 2G/3G/4G/5G

### Key highlights for Vantage Towers



2 anchor tenants: Vodafone and Orange



+1.2k new net tenancies by FY23 for Vantage Towers

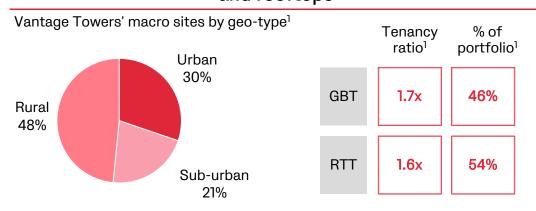


- Portfolio fee for all sites
- Based on sites pro-forma for decommissioning<sup>1</sup>
- All sites priced at MSA rate
- Vantage Towers receives active sharing premium on relevant sites
- Decommissioning costs paid by Vodafone

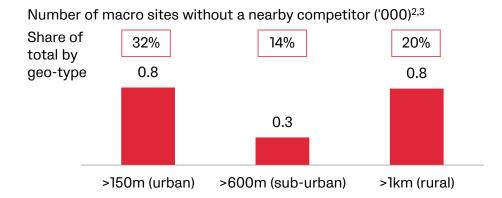


# Spain | Attractively located portfolio

### Significant lease-up potential across ground based towers and rooftops



#### Attractive geo-location underpins co-location potential





Tenancy ratio of 1.4x excluding active sharing, allowing for substantial tenancy lease-up and upgrade potential



Approximately one third of macro sites at least 150m away from competing macro sites in urban locations, including exclusion areas<sup>4</sup>

Well positioned to capture demand from densification



c.50% of sites in urban and sub-urban areas, with high share of sites in Spain's main cities



~20% of rural macro sites with no alternative infrastructure within ~1km

**Source** Company information, TowerXchange, Analysys Mason

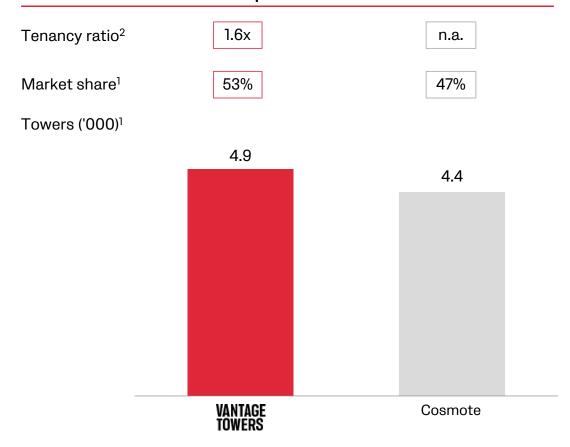
#### Note

- Company data as of 30-Sep-20
- 2 As of 2020 from Analysys Mason data (produced by Analysys Mason based on company data, conclusions formed by the company)
- Urban is >100k inhabitants, Suburban <25k and >100k inhabitants, Rural is <25k inhabitants
- 4 Exclusion zone is cities >175k inhabitants

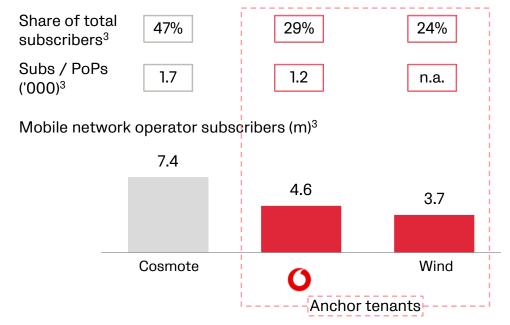
# Greece | Only independent TowerCo, opening up the market



### #1 tower operator in Greece1



### Critical infrastructure provider to 2 out of 3 MNOs





Network sharing means Vantage Towers is a critical infrastructure provider to Vodafone and Wind Hellas, together representing ~53% mobile market share



As part of the merger, Vantage Towers has secured a commitment of 500 new macro sites (split evenly between operators)

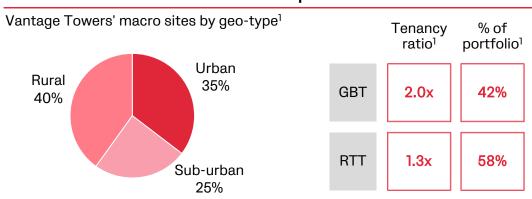
### Source Company information, TowerXchange, Fitch Solutions, Analysys Mason Notes

- Based on number of sites; as of 30-Sep-20 for Vantage Towers, based on Vodafone and Cosmote only
- 2 As of 30-Sep-20
- Data from Fitch Solutions as of 2019; number of PoPs as of 2020 Analysys Mason data

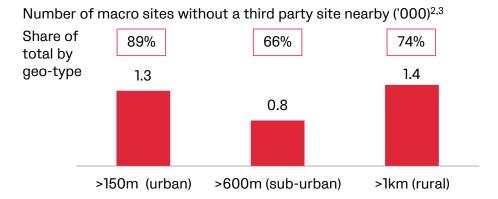


# Greece Urban centric portfolio with co-location growth potential

### Well positioned to benefit from growing coverage and densification requirements



### Attractive geo-location underpins co-location potential





Low tenancy ratio on rooftop towers, allowing for substantial tenancy lease-up and upgrade potential



Ample capacity on the macro sites given low tenancy ratio on GBT of 1.1x excluding actively shared tenancies



Attractively located portfolio with ~60% of macro sites in urban and sub-urban locations



c.90% of macro sites in urban locations at least 150m away from third party sites



Well positioned to capture demand from expected coverage and quality requirements, away from third party sites across all geotypes

**Source** Company information, Analysys Mason

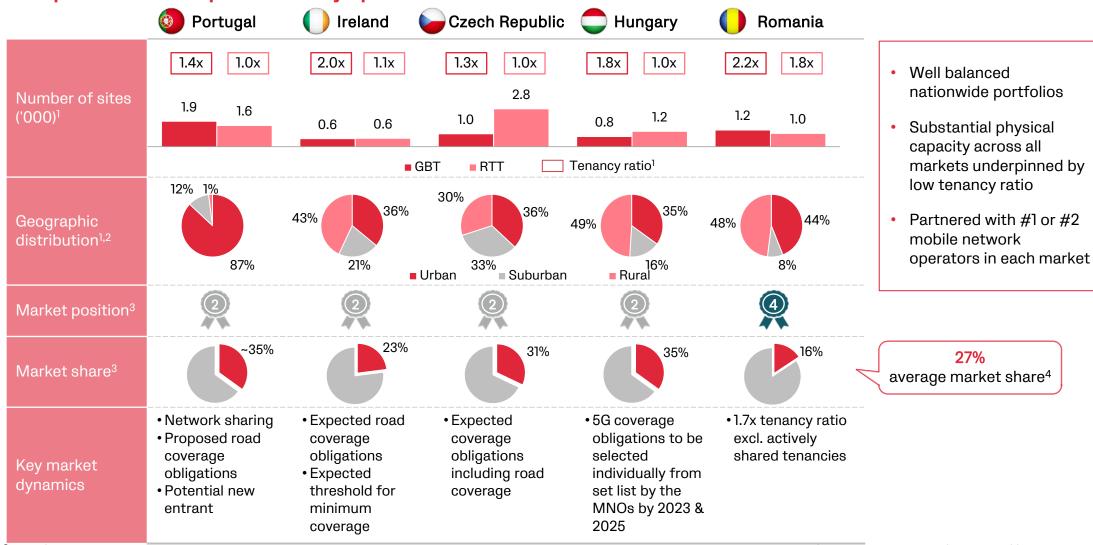
#### Notes

- As of 30-Sep-20
- 2 As of 2020 from Analysys Mason data (produced by Analysys Mason based on company data, conclusions formed by the company)
- Urban is Athens and Thessaloniki, Suburban <35k and >100k inhabitants, Rural is <35k inhabitants (this was renamed from dense urban, urban and rural respectively)



### Other European Markets | #2 in 4 out of 5 other markets

Well positioned to capture tenancy upside



**Source** Company information, TowerXchange, broker reports, companies reporting **Notes** 

<sup>1</sup> Company information as of 30-Sep-20. Excl. barter tenancies; Hungary 1.2x RTT including barter agreements 2 Inhabitant thresholds vary for each of urban, suburban and rural categories for each country with Portugal

having a materially different threshold for urban (>3k), for example Romania >25k, Ireland >20k for urban

Based on number of sites; data as of 30-Sep-20 for VT, Cellnex latest available, TowerXchange and broker reports for others. Hungary excl. CETIN as figures not available. Management estimate for Portugal

<sup>4</sup> Based on blended average

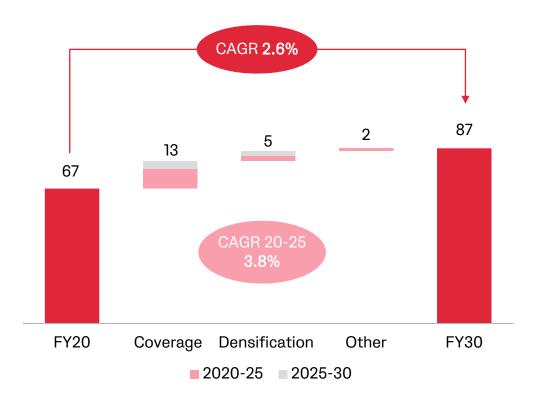


### Other European Markets | 20k incremental market tenancies

#### Coverage requirements expected to drive new demand

### Key highlights for Vantage Towers

Market tenancies evolution in Other European Markets ('000)1





Vantage Towers is the preferred supplier to Vodafone, well positioned to capture uncontracted demand



~950 new macro sites committed by Vodafone (2022-26)



Attractively located sites for potential new entrants (e.g. Portugal)



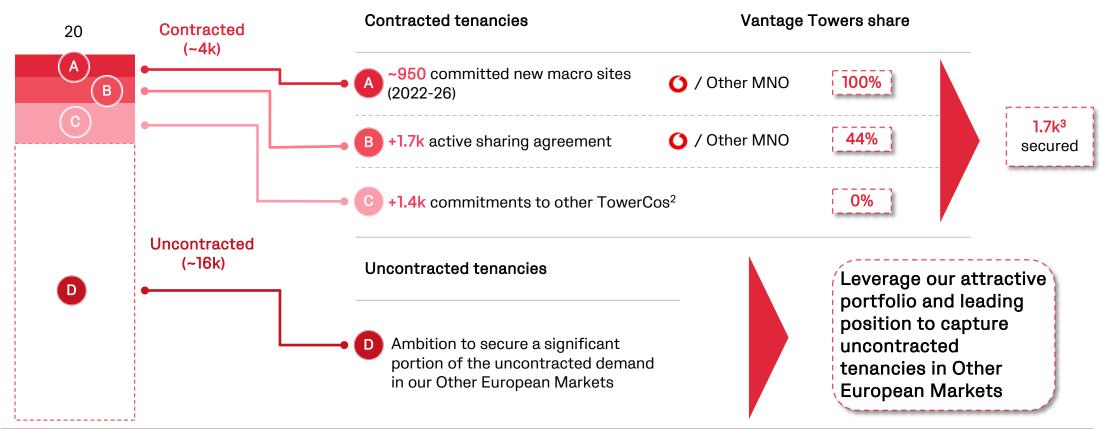
Low tenancy ratio providing lease-up potential



# Other European Markets | Future demand partly secured through sharing agreements

#### FY20-30 market opportunity

Market tenancies ('000)<sup>1</sup>



**Source** Company information, Analysys Mason

#### Notes

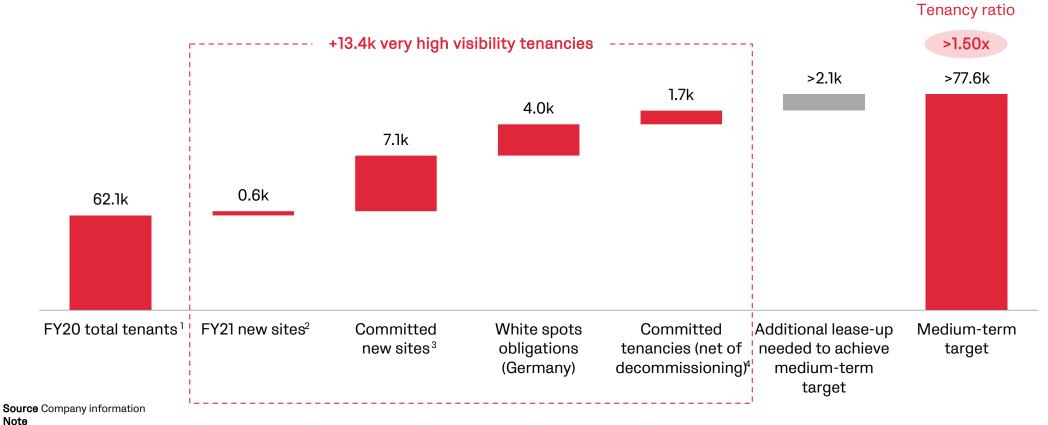
- Based on Analysys Mason PoPs forecast for Portugal, Ireland, Czech Republic, Hungary, Romania
- 0.8k Cellnex agreements with NOS and MEO in Portugal. 0.6k Cellnex agreements with Cignal and CK Hutchison in Ireland
- 3 Net of decommissioning of ~0.5k sites related to the active sharing agreement

# Our medium-term tenancy potential | Key drivers

Significant visibility on key drivers of tenancy growth in the medium-term, with key upsides linked to rooftop lease-up programme for hosting of new tenants

Commitments and white spots obligations represent a significant portion of tenancy growth

(# of tenancies)



1 Excl. Italy

- 2 Expected to be commissioned. Not included in analysis of contracted demand for Germany, Spain, Greece or Other European Markets market opportunity review in Section 5.3 of this presentation
  - 6,850 committed sites from Vodafone and 250 from Wind Hellas
- Decommissioning includes c.900 sites in Spain and c.500 sites in Other European markets, mostly related to active sharing agreements

# INWIT | Italy's tower infrastructure champion

Clear #1 TowerCo with 2 market leaders as its anchor tenants

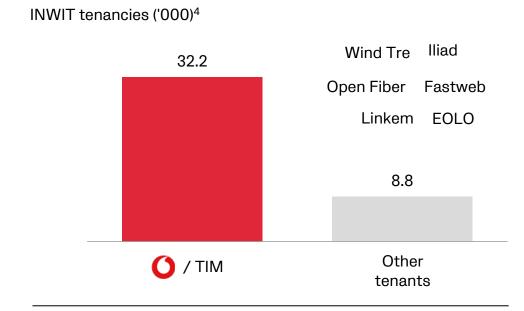
#### The Italian tower leader with two leading anchor tenants<sup>2</sup>

#### Tenancy 1.9x 1.5x ratio1 Towers ('000)<sup>1</sup> 22.1 19.3 INWIT Cellnex Committed new 2.4k 3.5k macro sites<sup>1,2</sup> Committed new 12.7k n.a. macro PoPs Combined anchor 63% 37% market share3

#### **Source** TowerXchange, INWIT and Cellnex reporting, company information, Fitch Solutions, companies reporting **Notes**

2 Cellnex new sites commitment includes commitment obtained through CK Hutchison acquisition

#### Diversified customer base secured by network sharing





INWIT benefits from long term nationwide passive and active sharing agreement between Vodafone and TIM

Active sharing agreement in areas with less than 100k inhabitants



Preferred supplier for new macro sites for both Vodafone and TIM

4 Number of tenancies, names and split as of 3Q20 reporting

Data as of 3Q20 for INWIT. 3Q20 for Cellnex pro forma for CK Hutchison towers acquisition of new existing 3 sites at closing

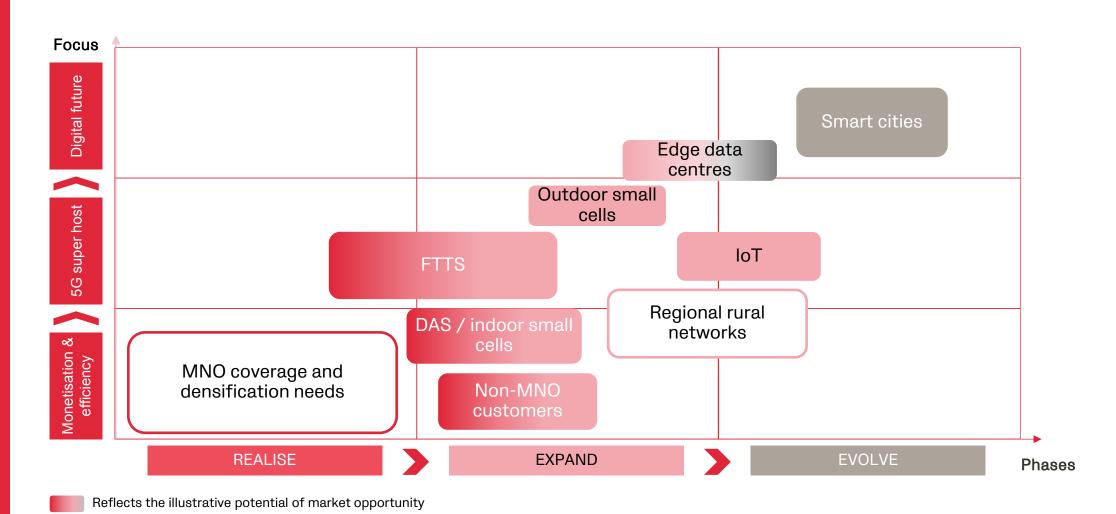
Based on Fitch Solutions market share by subscribers



Growth beyond the core

# Growth roadmap | A phased approach to growing value

Expanding our portfolio offering so as to become one of Europe's 5G "superhosts" and a leading digital enabler



### Non-MNO customers | Market demand to increase as technology evolves

Bringing new focus and managerial intensity to a fast growing market

Non-MNO customers

Opportunity - select examples



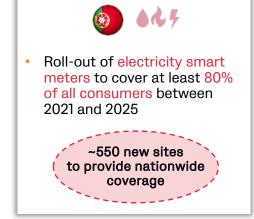




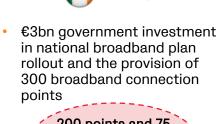












200 points and 75 schools to be connected in 2021





- Hungary
  - Development of PPDR post 2022, 2x5 MHz plus 3 MHz spectrum on the 700 MHz band set aside
- Czech Republic
  - Further development of FWA network (current penetration of ~26%)
- Romania
  - 2x5MHz of 700MHz spectrum put aside to be allocated PPDR in 2021

### FITS | Maximising the current portfolio potential

Increase portfolio attractiveness by providing wholesale services in fiberised areas and roll-out FTTS elsewhere

**Existing FTTS** 

**New FTTS** 

Portugal case study 🚳



**Business model** 

Reselling fibre capacity from Vodafone Portugal

Investment in FTTS roll-out

and subsequent lease of own capacity

Perimeter

~65% of sites fiberised >75% in urban areas

Complement current networks based on appropriate returns















**Products** 

Ethernet circuit for customers with fast deployment needs

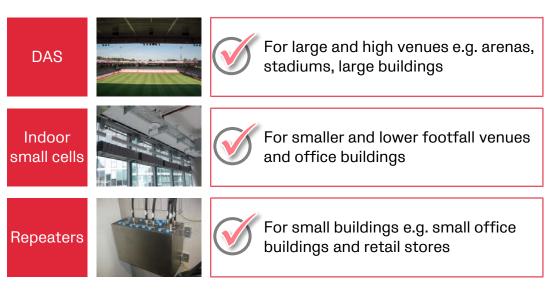


#### Leased dark fibre

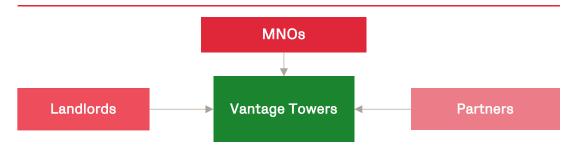
for customers with a transmission network already in place

# DAS / indoor small cells | Small but fast growing

Vantage Towers is targeting market share in the rapidly evolving indoor small cells market as a host to serve indoor coverage needs



#### **Business model**



Host-neutrality and multi-lateral agreements to position Vantage Towers at the heart of the DAS / indoor solutions

#### Our commercial strategy

Focusing on 3 customer segments...



Mid / large enterprises

Small enterprises

Following a phased approach...

- Upgrade to 5G for existing DAS and small cells infrastructure
- Defining a standard product catalogue for large scale deployment
- Building a pipeline of mid-size and smaller venues historically not addressed

# loT, Edge Computing, Smart Cities | Enabling a digital Europe

#### We will serve all the steps in Europe's digital journey

#### IoT

Sensing-as-a-service (SaaS)



#### IoT

Network-as-a-service (NaaS)



#### **Edge computing**



#### **Smart cities**



Solutions

Sensor hosting, data aggregation and storage

Planning, installation, and O&M of IoT network equipment

Hosting of edge computing hardware and edge computing-as-a-service

Smart city solutions for all verticals

Customers

Public entities and enterprises

IoT network operators

MNOs, public entities and enterprises

MNOs, public entities and enterprises

### Towers are at the centre of the 56 digital ecosystem

#### Towers - key attributes



Towers guarantee secure space, with presence of power and cooling

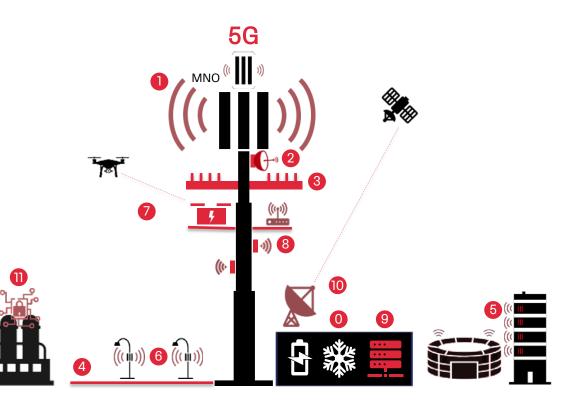


Towers host connectivity antennas as well as fibre



Towers are welldistributed across urban, sub-urban and rural areas

- O Equipment
  - Secured space
  - Power
  - Cooling
- MNO antennas
  - Hosting
- 2 FWA antennas
  - Hosting
- 3 mMIMO antennas
  - Hosting
- 4 Fibre backhaul
  - FTTS
- **5** DAS
  - · Indoor, denser cov.
- 6 Outdoor small cells



- Drones
  - Hosting & recharging
  - Navigation support
  - Inspection services
- 8 IoT sensors / gateways
  - Hosting
  - LPWA networks
  - Data collection
- Edge and BS hotel
  - Hosting infrastructure
  - Infra-as-a-Service
- Satellite Infra
  - Hosting ground infrastructure
  - Backhauling
- Campus infrastructures
  - Licensed / Unlicensed networks

### Market drivers and commercial strategy | Highlights

- Clear and predictable drivers of data usage, 5G roll-out and coverage obligations result in attractive demand growth. Germany is at the heart of this growth
- Creation of Vantage Towers driving a switch in mindset: commercially-driven business with the right incentive structures and a clear expansion strategy
- 3 Strong platform for sustainable growth, having already secured significant future demand
- Well positioned to capture further tenancies in our footprint, leveraging the quality of our infrastructure, and anticipating our customers' needs with geolocation tools and market intelligence
- We will expand our service portfolio to become a 5G "superhost" and a key enabler of digital Europe

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This document contains pro forma financial information of the Group for the financial year ended March 31, 2020 and for the six-months ended September 30, 2020 (together, the "PF Financial Information") as well as financial information from Infrastrutture Wireless Italiane SpA ("INWIT"). For a description of the basis of preparation of the pro forma financial information of the Group for the financial year ended March 31, 2020, please refer to the slide entitled "Understanding our FY20 PF financials | Basis of preparation" included in the section "Understanding our financials and growth drivers". The PF Financial Information has been prepared for illustrative purposes only and, by its nature, addresses a hypothetical situation and does not, therefore, represent the Group's actual results of operations. Such information may not, therefore, give a true picture of the Group's results of operations nor is it indicative of its results. The PF Financial Information is subject to change. This presentation also includes summary historical financial information from Vantage Towers Greece and INWIT. For a description of this information, please refer to the appendix section of this presentation. In this document, the Company utilises certain alternative performance measures, including but not limited to adjusted EBITDA, adjusted EBITDAL, recurring operating free cash flow, recurring free cash flow, aggregated recurring free cash flow, return on capital employed, that in each case are not recognized under International Reporting Standards ("IFRS"). These non-IFRS measures are presented as the Company believes that they and similar measures are widely used in the markets in which it operates as a means of evaluating a company's operating performance and financing structure. They may not be companible to other similarly titled measures of other companies and are not measurements under IFRS or other generally accepted accounting principles, nor should they be considered as substitutes for the information contained in the fin

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