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# *Hospitality Investment Strategies in Greece*

February 2016

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# *Executive summary*

## **The market**

- Greece is a significant global tourist destination, with 25 mn arrivals in 2015, up from almost 22 mn in 2014
- Tourism is not, by and large, dependent on Greek GDP, but its direct contribution exceeds 7%
- The hospitality industry has been growing fast and systematically in the last three years, but it is not particularly internationally competitive, mainly due to price
- In 2014, tourists spend about €590 per journey, with an average stay of 8.4 days, yielding about €13bn income
- There are about 9,745 hotels with approximately 405k rooms and 781k beds in the country, mainly concentrated (85%) in Crete, South Aegean, Central Macedonia and the Ionian islands
- Greek hospitality is mostly based on small 2\* hotels (4,198 hotels), while 4\* and 5\* hotels account for only 17% of the total number
- There are only 367 hotels with more than 300 beds, representing 4% of the total number of hotels and 25% of bed capacity
- The hotel industry is fragmented with the average unit size in our sample at 247 beds. On average, each hotel company has only 1.5 units, while one company/one hotel account for about 47% of sample hotels. There are 87 Greek hotel chains and 6 non Greek hotel operators
- About 38% of all hotel companies are highly competitive with systematic growth, good profitability and little debt
- Most of the debt hotel industry (€4bn) is concentrated in the Zombie and Grey groups facing servicing issue. Hotels in Zombie categories appear overinvested and overcapitalised with negative return on equity
- The hospitality industry, will benefit from restructuring/refinancing about € 2bn over a reasonable time horizon, to restore the balance with operational profitability

- Hotels are unevenly distributed in Greece. Five main destinations account for 84% of all capacity and about 93% of revenues and profits. The majority of tourists are attracted to destinations, where the percentage of 4\* and 5\* hotels bed capacity is more than 25%
- For the upgrading of the tourism product around € 1.6bn will be spent up to 2022

### **Drivers of Economic Performance**

- Hospitality economics are determined by destination, unit size and class and significantly influenced by the quality of management
- There are significant differences in performance between main and lesser destinations, with capacity problems at peak at main destinations and a lot of slack in lesser ones
- Higher star hotels tend to have better revenue and EBITDA per bed as well as margins than lower star hotels
- Unit size has a limited impact on hotel economics and does not appear that larger hotels have on average better financial performance than smaller ones
- The quality of management and the overall competitiveness of a hotel is the single most important determinant of value, given the other parameters

### **Geopolitical Developments**

- The conditions in Middle East, Turkey and North Africa and the improving, relative to them, competitiveness of Greek hospitality, are supporting the continuing growth hypothesis
- Growth in tourist arrivals could be only halted by a global or European recession or major political events in Greece

## Investment Strategies

- The Greek hotel M&A market is almost dormant. There are at least 225 hotels currently on offer, the majority at main destinations and asking prices almost 50% higher than the imputed equity values per bed.
- Very few transactions get to be completed every year and vast majority are of small size
- There are three strategies and a doubtful strategy for hospitality investments:
  - **add capacity** at main destinations through unutilised building permits
  - **upgrade hotels** to the next class
  - **develop lesser destinations** through acquisition of many hotels at one of them
  - **Zombie hotel acquisition is a doubtful strategy** with only few exceptions
- The most promising strategy in terms of value potential appears to be **lesser destination development** followed by capacity enhancement, with hotel upgrading at the bottom
- In the context of the capacity and upgrading strategies there are at main destinations, 221 Star and 153 Grey 5\* and 4\* and 3\* hotels to be considered for acquisition at international EBITDA multiples
- At lesser destinations, where the privatisation of 14 regional airports could boost demand, there are 57 hotels, that could be acquired to develop specific destination
- The current structure of the industry along with its mild relative competitiveness and its underlying economics do not facilitated large scale transactions and consequently fast consolidation

Star/ Grey  
5\* - 4\* - 3\*/2\*/1\*

| Add Capacity |                     |     |          |
|--------------|---------------------|-----|----------|
| Group        | Value multiples (x) |     |          |
|              | 5*                  | 4*  | 3*/2*/1* |
| Star         | 1.6                 | 1.7 | 1.6      |
| Grey         | 1.6                 | 1.5 | 1.6      |

Up to 605 hotels, at main destinations

Star/ Grey  
4\* - 3\*/2\*/1\*

| Upgrade hotels |                     |                 |
|----------------|---------------------|-----------------|
| Group          | Value multiples (x) |                 |
|                | From 4* --> 5*      | From 3* --> >4* |
| Star           | 1.6                 | 1.2             |
| Grey           | 1.4                 | 1.1             |

Up to 476 hotels

Star/ Grey  
5\* - 4\* - 3\*/2\*/1\*

| Develop Lesser Destinations |                     |     |          |
|-----------------------------|---------------------|-----|----------|
| Group                       | Value multiples (x) |     |          |
|                             | 5*                  | 4*  | 3*/2*/1* |
| Star                        | 3.7                 | 2.0 | 1.6      |
| Grey                        | 1.8                 | 1.8 | 1.5      |

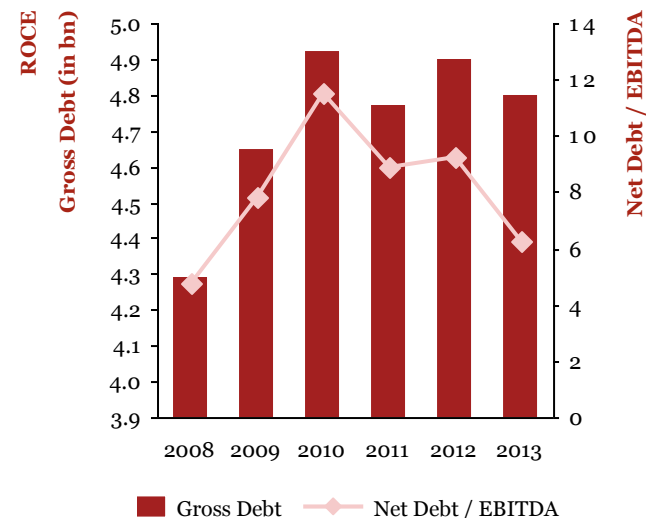
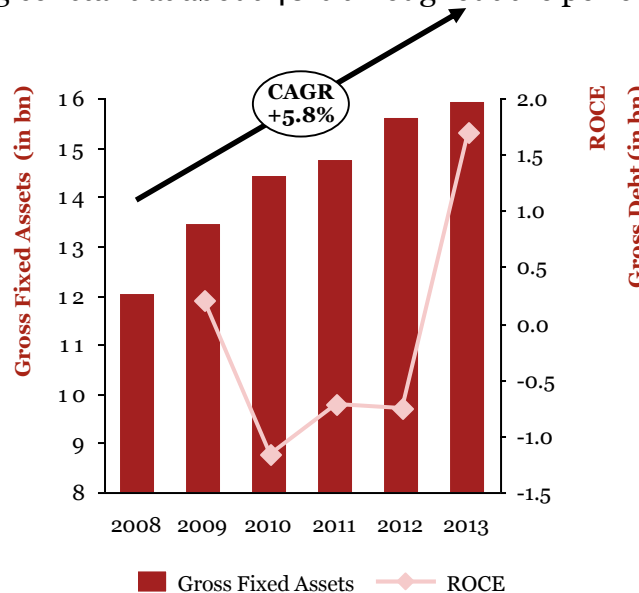
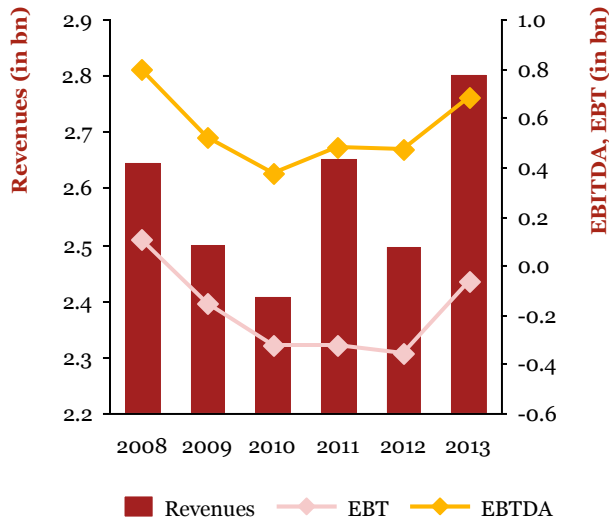
Up to 57 hotels at lesser destinations

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# *Hotel Competitiveness*

***During the crisis the profitability of the hotel industry was stable, with signs of improvement for hotels with annual revenue in excess of € 1mn p.a.***

- Sample revenues increased to € 2.8bn in 2013, marking the highest increase since 2008(12.2%)
- Gross fixed assets rose by 5.8% p.a. within 2008-2013 reaching € 16bn, steadily increasing
- Historically EBITDA decreased by 12.2% (2008-2012), a significant positive change is evident (45%) in 2013
- Total debt stood at € 4.8bn in 2013, 11.6% higher than 2008, but 2% lower than 2012
- Average Net Debt/EBITDA, as a measure of debt sustainability, dropped from 9.2x in 2012 to 6.2x in 2013
- Capital employed remains underremunerated, while on average hotel balance sheets are reasonably well capitalized, with Net Debt to Capital Employed remaining constant at about 40% throughout the period



**Hotel companies showed an improvement in competitiveness from 2009 to 2013, with more than 67% retaining or improving their relative position**

**238** hotel companies  
(32% of total ) moved  
**downwards**

**143** hotel companies  
(19% of total) remained in  
the **same Group**

**364** hotel companies  
(49% of total) moved  
**upwards**

|               | 2009/2013         | 5           | 4          | 3           | 2           | 1          | -1          | -2         | -3          | -4          | -5         | Total 2013 |
|---------------|-------------------|-------------|------------|-------------|-------------|------------|-------------|------------|-------------|-------------|------------|------------|
| <b>Star</b>   | 5                 | 1           | 4          | 3           | 1           | 1          | 3           | 2          | 0           | 1           | 4          | <b>20</b>  |
|               | 4                 | 0           | 15         | 5           | 7           | 5          | 14          | 5          | 9           | 9           | 9          | <b>78</b>  |
|               | 3                 | 0           | 15         | 18          | 4           | 4          | 46          | 11         | 20          | 13          | 18         | <b>149</b> |
|               | 2                 | 1           | 2          | 0           | 1           | 0          | 3           | 0          | 5           | 0           | 1          | <b>13</b>  |
|               | 1                 | 0           | 1          | 5           | 2           | 12         | 4           | 10         | 3           | 14          | 7          | <b>58</b>  |
|               | -1                | 2           | 7          | 6           | 7           | 3          | 26          | 8          | 26          | 10          | 7          | <b>102</b> |
|               | -2                | 0           | 3          | 4           | 0           | 5          | 15          | 16         | 4           | 25          | 17         | <b>89</b>  |
|               | -3                | 0           | 4          | 4           | 1           | 1          | 15          | 1          | 12          | 0           | 3          | <b>41</b>  |
|               | -4                | 0           | 0          | 5           | 0           | 3          | 9           | 17         | 8           | 17          | 19         | <b>78</b>  |
| <b>Zombie</b> | -5                | 1           | 5          | 14          | 1           | 3          | 26          | 7          | 13          | 22          | 25         | <b>117</b> |
|               | <b>Total 2009</b> | <b>5</b>    | <b>56</b>  | <b>64</b>   | <b>24</b>   | <b>37</b>  | <b>161</b>  | <b>77</b>  | <b>100</b>  | <b>111</b>  | <b>110</b> | <b>745</b> |
|               | <b>% Change</b>   | <b>300%</b> | <b>39%</b> | <b>133%</b> | <b>-46%</b> | <b>57%</b> | <b>-37%</b> | <b>16%</b> | <b>-59%</b> | <b>-30%</b> | <b>6%</b>  |            |

- Around half of the hotel companies moved to a higher category compared to 32% that moved downwards
- Since 2009, 92 hotel companies turned to Zombies (-5) to 2013, and 19 companies turned to Stars (5), whilst 19% remained in the same Group



## Hotel Competitiveness

**37% of the hotel companies, representing 32% of bed capacity, belong to Star groups, with only 10% of the bed capacity in trapped Zombie hotel companies**

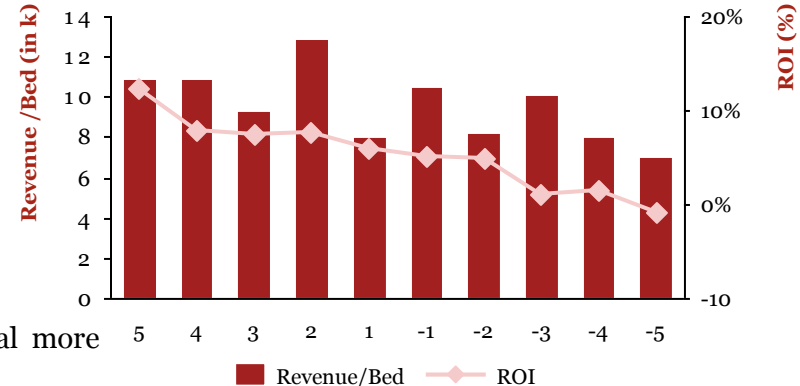


## The typical hotel company tends to be small with annual revenues between €2.1mn to €4.8mn

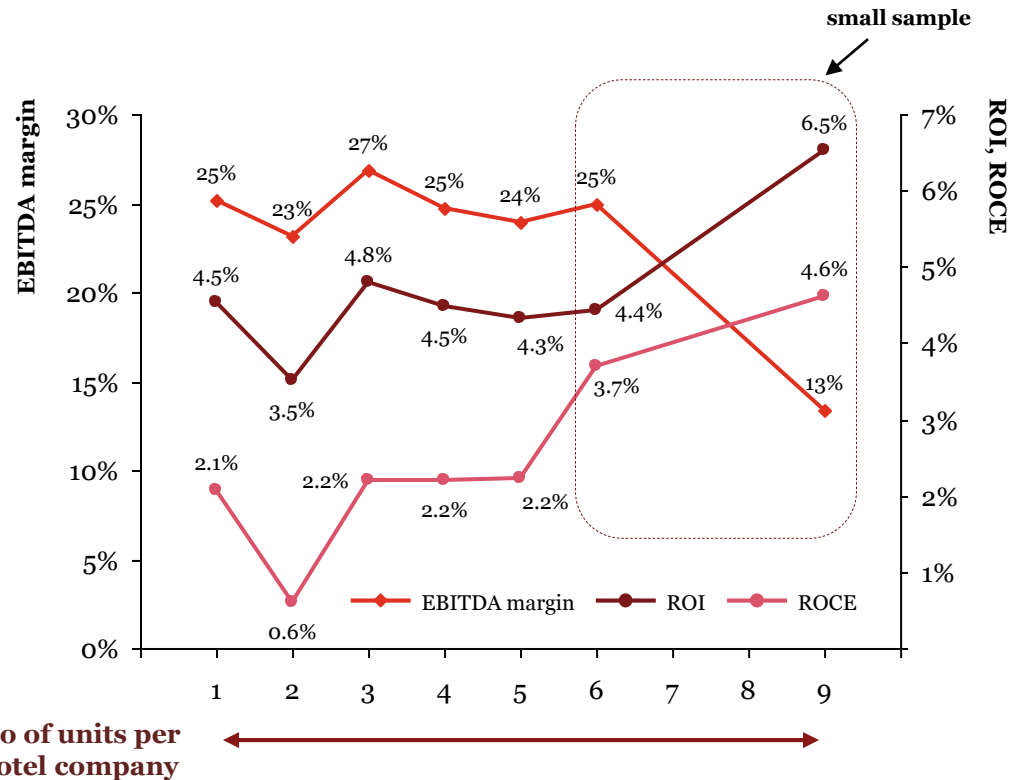
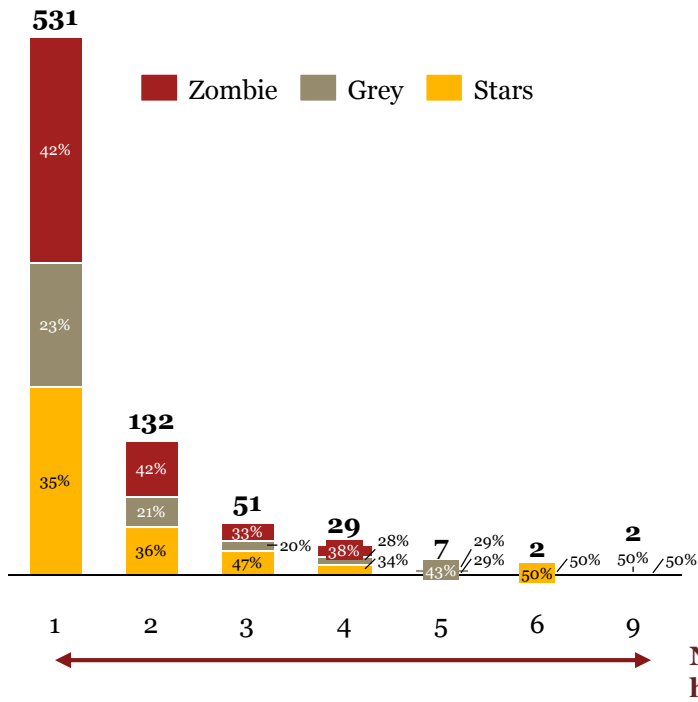
\*€ mn

| Typical Company              | Stars |      |      |      | Grey |      | Zombies |      |      |       |
|------------------------------|-------|------|------|------|------|------|---------|------|------|-------|
|                              | 5     | 4    | 3    | 2    | 1    | -1   | -2      | -3   | -4   | -5    |
| Revenue (€ in mn)            | 3.5   | 3.5  | 3.6  | 3.8  | 4.5  | 4.0  | 4.8     | 3.9  | 3.8  | 2.1   |
| Cagr '08 - '13               | 13%   | 11%  | 8%   | 12%  | 1%   | 10%  | -1%     | 8%   | -4%  | -13%  |
| EBITDA (€ in mn)             | 1.2   | 1.2  | 1.2  | 1.1  | 1.4  | 1.2  | 1.3     | 0.3  | 0.4  | -0.2  |
| EBITDA margin                | 35%   | 33%  | 32%  | 29%  | 31%  | 29%  | 28%     | 9%   | 11%  | -8%   |
| EBT (€ in mn)                | 0.8   | 0.5  | 0.5  | 0.3  | 0.4  | 0.0  | -0.1    | -1.4 | -1.0 | -0.8  |
| Gross Fixed Assets (€ in mn) | 9.7   | 14.9 | 15.9 | 14.1 | 23.2 | 22.5 | 27.6    | 33.5 | 28.8 | 17.4  |
| ROI                          | 12%   | 8%   | 7%   | 8%   | 6%   | 5%   | 5%      | 1%   | 1%   | -1%   |
| Capital Employed (€ in mn)   | 4.0   | 11.0 | 10.0 | 8.3  | 11.6 | 16.2 | 20.1    | 22.6 | 23.0 | 10.8  |
| ROCE                         | 22%   | 6%   | 6%   | 4%   | 6%   | 3%   | 3%      | -4%  | -2%  | -5%   |
| Net Debt (€ in mn)           | -0.3  | 0.1  | 1.6  | -0.3 | 4.4  | 7.5  | 12.3    | 8.2  | 12.9 | 4.5   |
| Net Debt/EBITDA              | -0.2  | 0.1  | 1.4  | -0.3 | 3.1  | 6.5  | 9.1     | 24.6 | 30.5 | -28.0 |
| # of Employees               | 6     | 19   | 9    | 19   | 9    | 14   | 18      | 32   | 29   | 40    |
| # of Hotels                  | 1.2   | 1.4  | 1.6  | 1.4  | 1.7  | 1.4  | 1.6     | 1.2  | 1.6  | 1.3   |
| # of Beds                    | 319   | 323  | 388  | 292  | 557  | 380  | 582     | 387  | 473  | 301   |

- As we move from Group 5 to Group -5, for a typical hotel company:
  - revenue growth drops
  - EBITDA margin on average drops from above 30% to less than 10%
  - revenue is slightly higher with the exception of real Zombies
  - profitability declines to below zero levels
  - gross fixed assets increase considerably, doubling across Zombies
  - significantly more capital is employed
  - more staff is employed
  - net debt increases disproportionately, downstream of Group 2
- In summary, Star hotel companies use less fixed assets and employ capital more productively than Zombie companies



# Hotel groups on average tend to be as competitive as the single hotel companies



Source: PwC sample and calculations

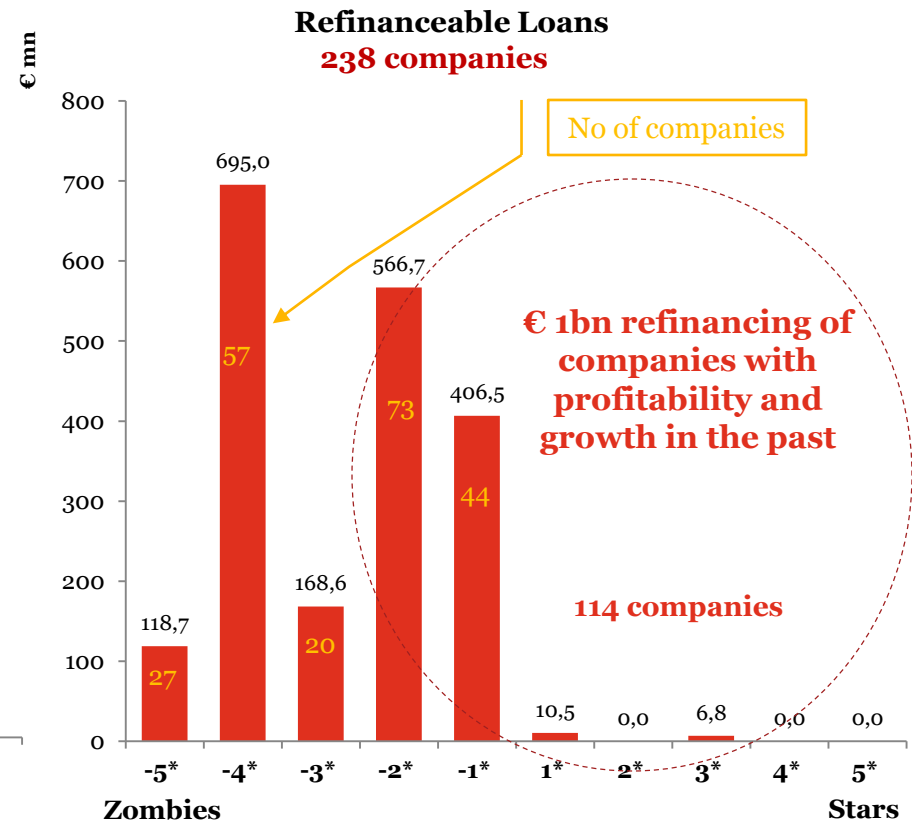
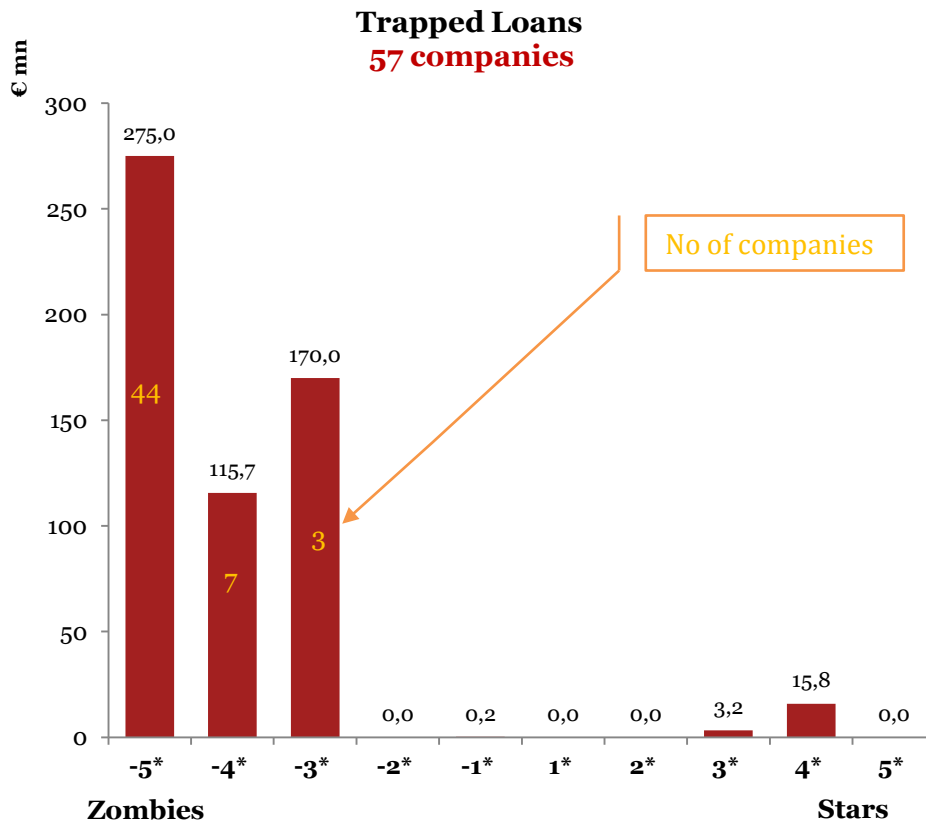
- 223 out of 531 single hotel companies (42%) is classified as Zombie, while 35% and 23% are Star and Grey respectively
- Companies with 3, 6 and 9 hotels are in general Stars

- Operational profitability is on average the same across hotel numbers per company
- Return on Investment and Return on Capital Employed tend to grow with the number of hotels in a Group, but sample sizes are very small for comfort

**For the refinancing of the hospitality industry, over a reasonable time horizon, banks must...**

**...write off or heavily restructure about €0.6bn (12% of sample loans) and release the assets, mostly held by Zombies**

**... restructure/refinance about € 2bn (41% of sample loans) to restore the balance with operational profitability**



### **Summary**

- Overall, the hotel industry has retained and slightly improved its competitiveness during the crisis
- More than one third of the hotels are truly competitive, in the Star groups
- A small percentage (12%) of companies are Zombies, with trapped debt of around €600mn
- The typical hotel firm is small with competitive companies being in general smaller than non competitive
- Zombie hotels tend to be bigger and significantly less productive than Star hotels in the 4\* and 5\* categories
- Hotel companies appear overinvested as we move down the competitiveness scale, however generally with sound capital structures
- Hotel groups tend to be as competitive as single hotel companies
- About 240 hotel companies will need to refinance approximately €2bn of debt, with 114 of them, representing €1bn, being profitable and growing. About €600mn are trapped loans

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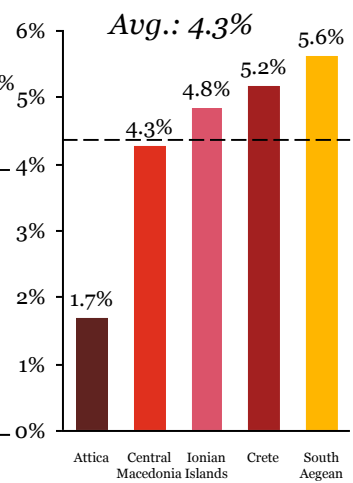
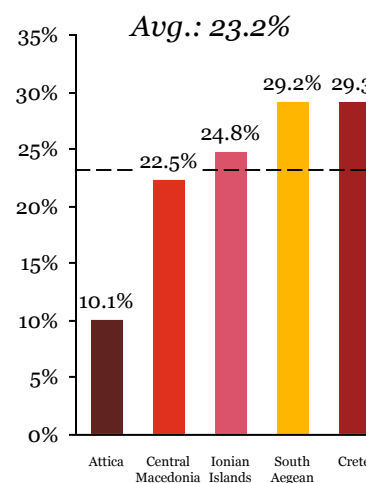
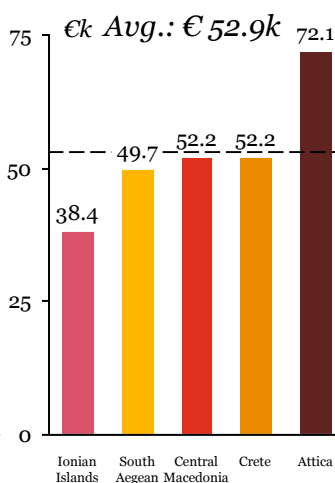
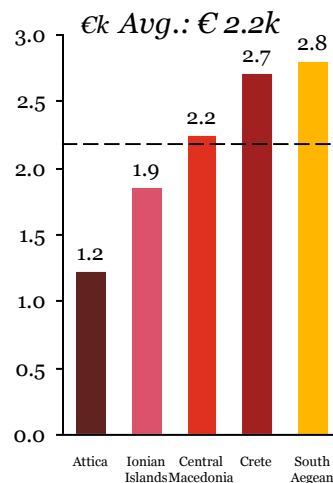
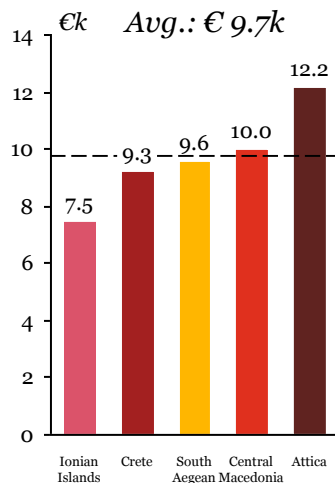
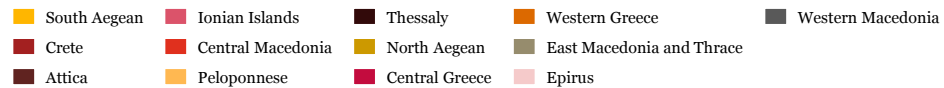
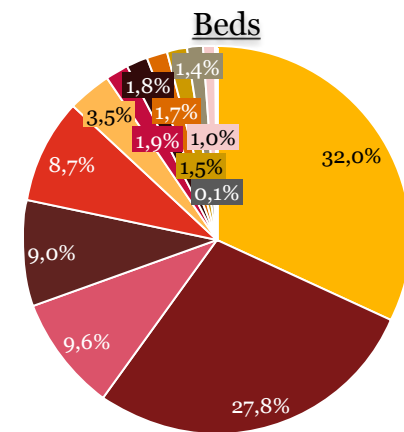
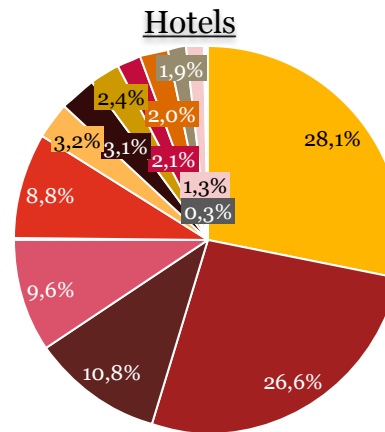
# *Hotel Performance Drivers*

***Destination, class, unit size, and the quality of management determine hotel economics***

- Hotel economics appear to be dependent mainly on three variables:
  - **destination**
  - **class**
  - **size of unit**
- The quality of management also affects performance within each grouping, reflecting on its overall competitiveness
- Destination, or location at a more granular level, affects the rates earned per room, the average occupancy and to an extent capital cost because of land prices
- Class determines in the main the average rates charged, as well as the capital costs incurred in construction
- The size of the hotel unit influences the operating cost and the non room component of the revenue
- There is an important distinction in financial performance between operating profitability (EBITDA margin) and return on capital invested (ROI)

## Five destinations account for 84% of all capacity

- Central Macedonia, Crete, Ionian Islands, South Aegean and Attica account for **84% of hotels, 91% of revenue, 95% of EBITDA, 86% of fixed assets and 88% of net debt**
- Two destinations, Crete and Southern Aegean, have more than **40% of all capacity**
- Average **EBITDA margin** is around 23%, with Attica lagging
- Average **Return on Investment** is fairly robust at around 5%, with the exception of Attica



Revenue/bed

EBITDA/bed

Gross Fixed Assets/bed

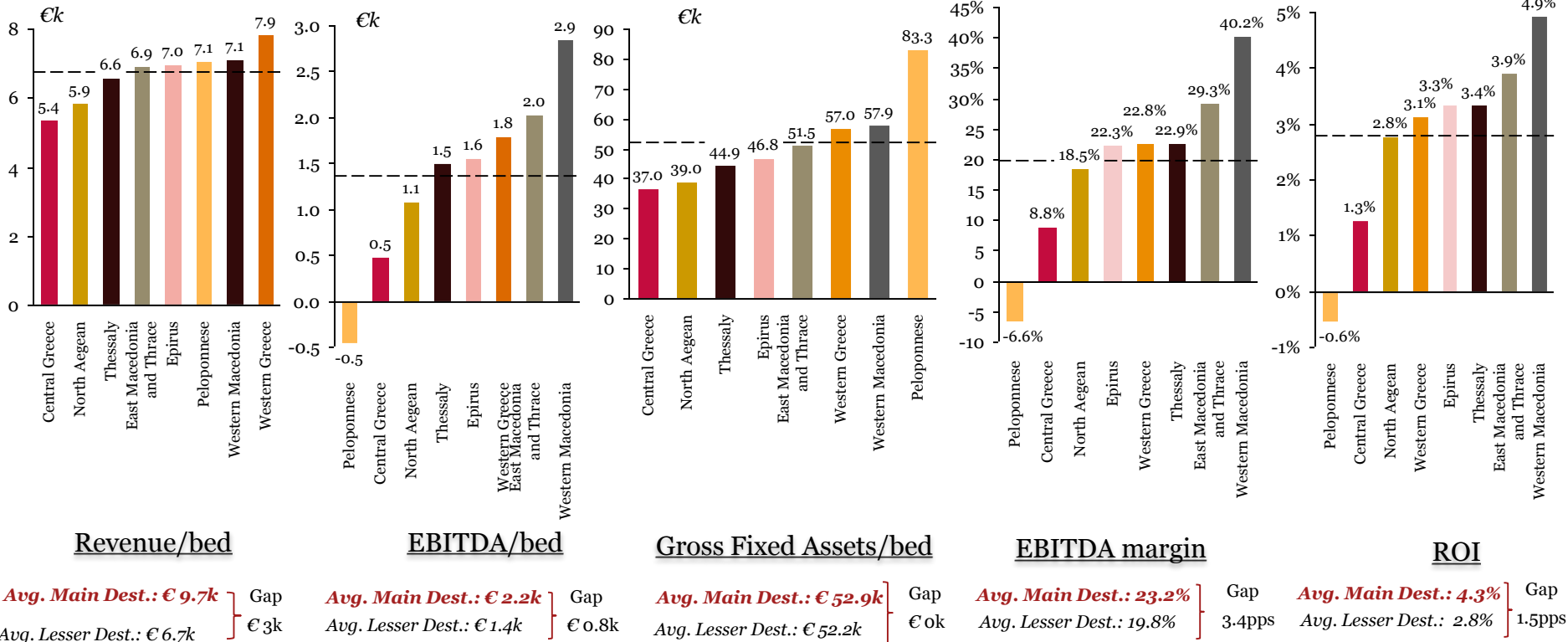
EBITDA margin

ROI



## Lesser destinations show a lower performance

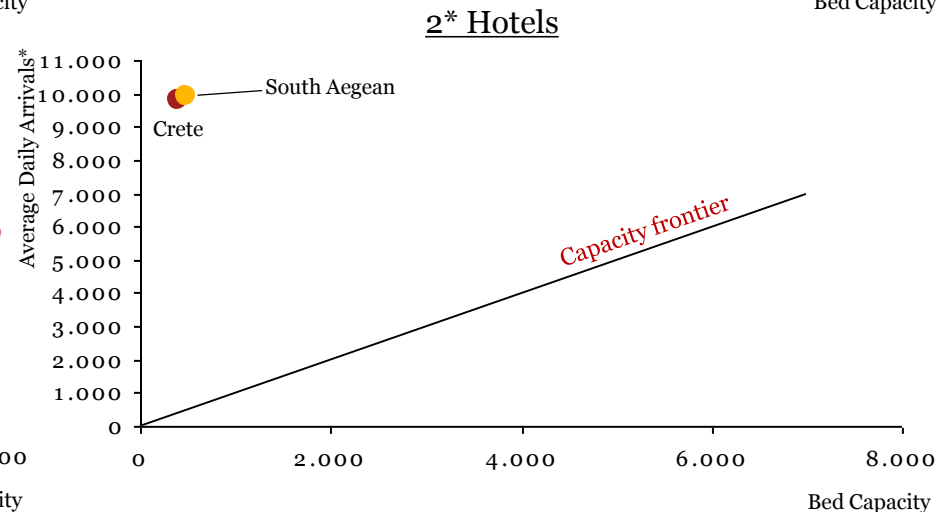
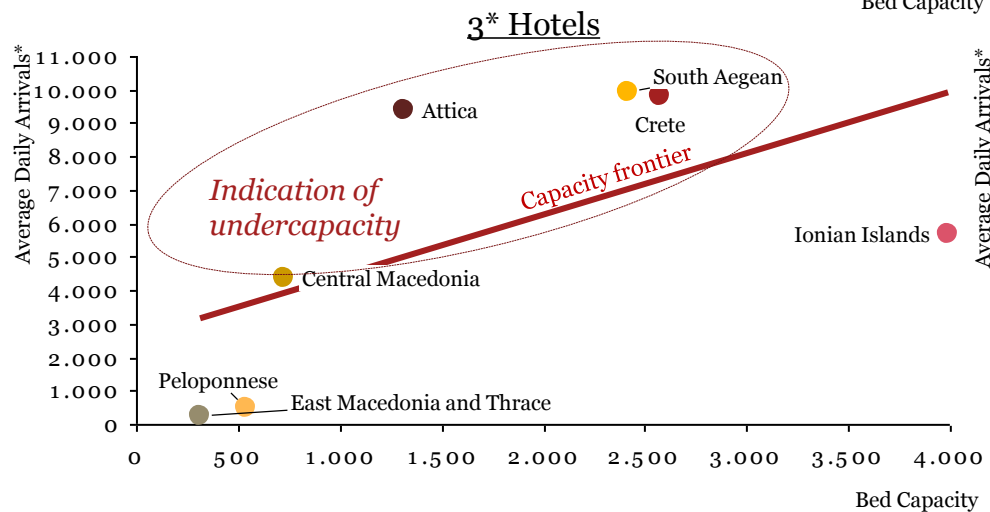
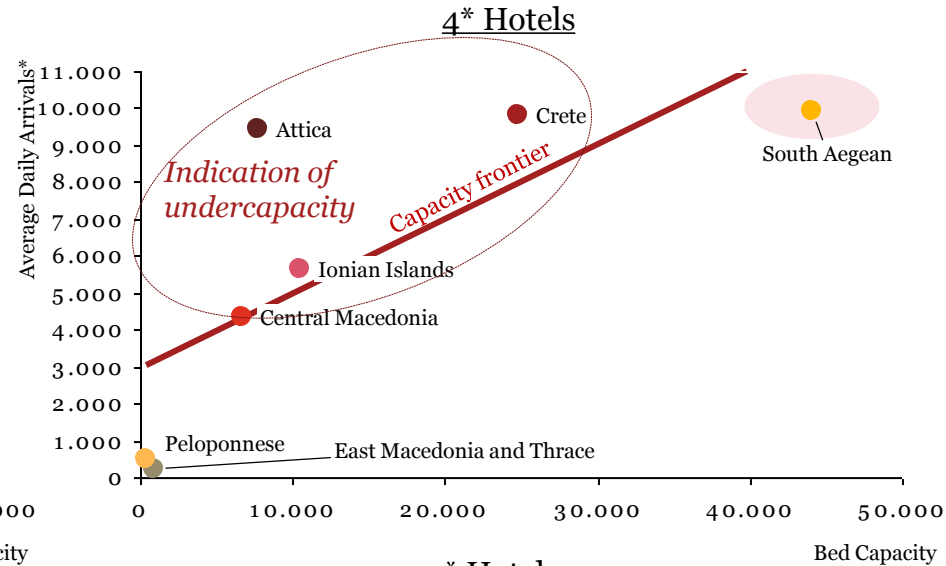
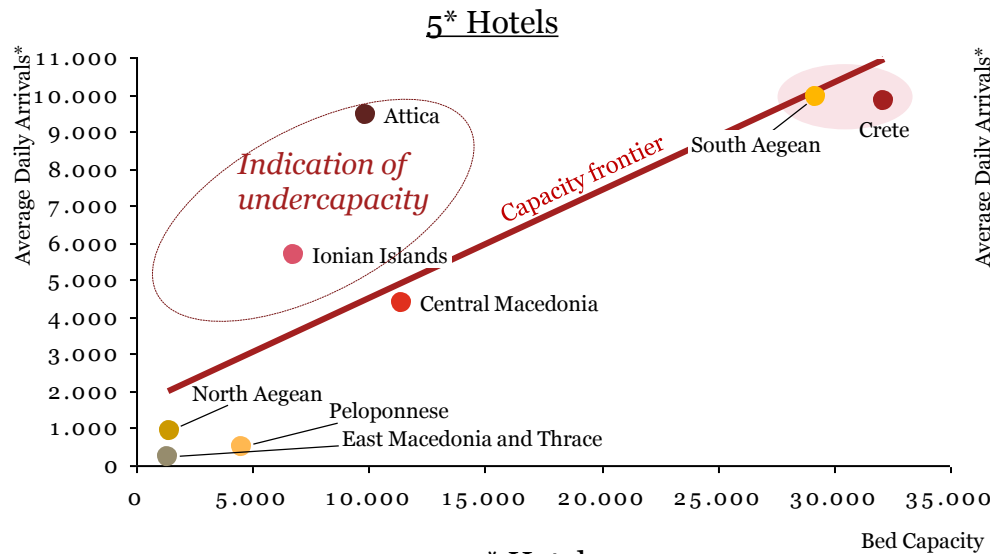
- **Eight destinations** (East Macedonia and Thrace, Northern Aegean, Western Greece, Western Macedonia, Epirus, Peloponnese and Central Greece) have less than 35 hotels each and in total account for less than 15% of all beds
- Revenue and EBITDA per bed figures for lesser destination are on average 31% and 36% lower than those for the main destinations, whilst Gross Fixed Assets are roughly at the same level
- Average EBIDA margin and Return on Investment show some variance between lesser destinations, and are on average 3.5pp and 1.5pp lower correspondingly than in the main destinations
- Main destinations tend to be served by larger 5 and 4 Star hotels and small 4 and 3 Star hotels than lesser destinations



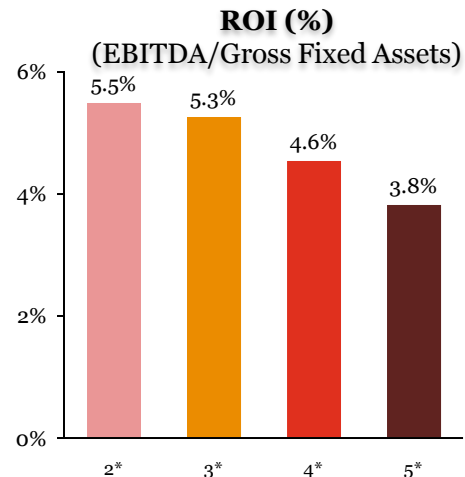
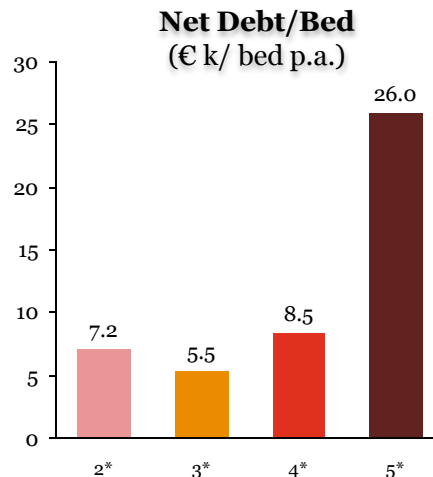
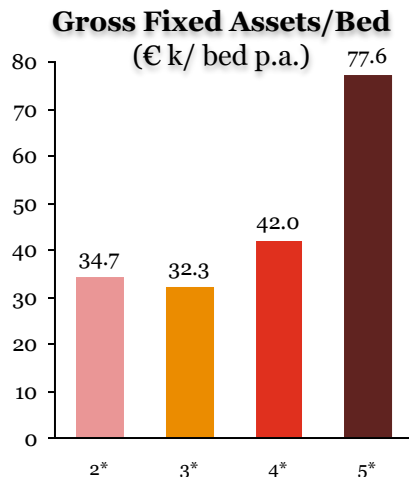
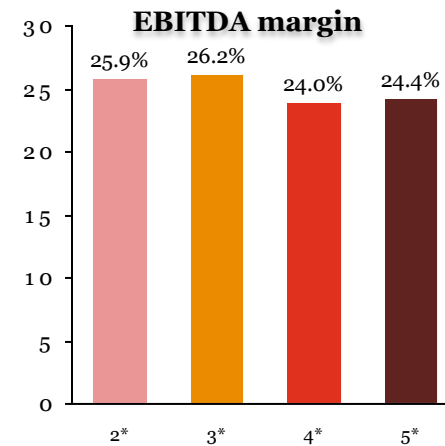
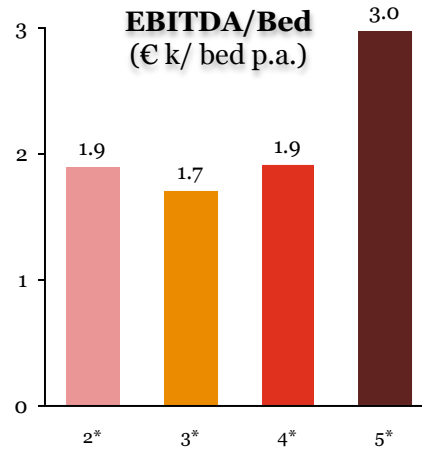
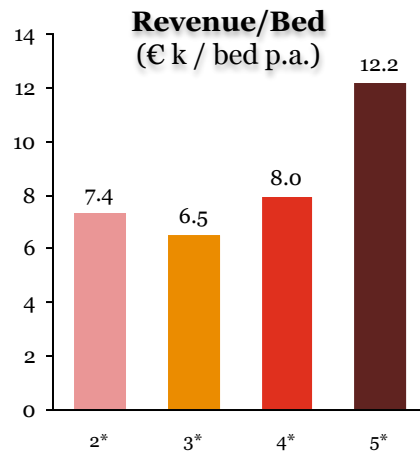
***Zombies tend to be concentrated in lesser destinations, with the marked exception of Attica***

| <b>Destination</b>               | <b>% Zombies</b> | <b>% Grey</b> | <b>% Stars</b> |
|----------------------------------|------------------|---------------|----------------|
| <i>South Aegean</i>              | 26%              | 30%           | 44%            |
| <i>Crete</i>                     | 27%              | 22%           | 51%            |
| <i>Attica</i>                    | 60%              | 20%           | 19%            |
| <i>Ionian Islands</i>            | 29%              | 20%           | 51%            |
| <i>Central Macedonia</i>         | 55%              | 18%           | 27%            |
| <i>Peloponnese</i>               | 61%              | 28%           | 11%            |
| <i>Thessaly</i>                  | 57%              | 10%           | 33%            |
| <i>North Aegean</i>              | 47%              | 33%           | 20%            |
| <i>Central Greece</i>            | 75%              | 17%           | 8%             |
| <i>Western Greece</i>            | 64%              | 14%           | 21%            |
| <i>East Macedonia and Thrace</i> | 53%              | 26%           | 21%            |
| <i>Epirus</i>                    | 60%              | 10%           | 30%            |
| <i>Western Macedonia</i>         | 50%              | 25%           | 25%            |
| <b>Total</b>                     | <b>41%</b>       | <b>23%</b>    | <b>36%</b>     |

# There are indications of under capacity at the main destinations



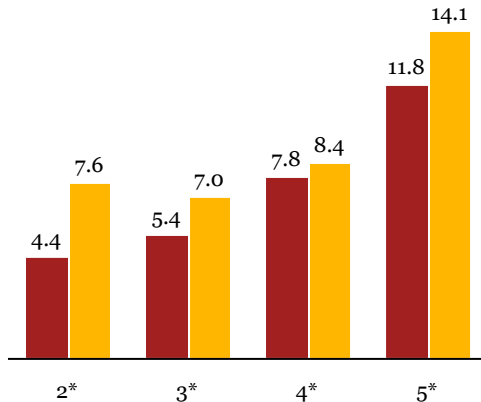
**Performance and operational characteristics differ per Star category, with high Star hotels underperforming lower Star hotels in terms of profitability**



**300- beds hotels, seem to perform slightly better in terms of operating profitability than 300+ bed hotels, but show very little difference on return on investment**

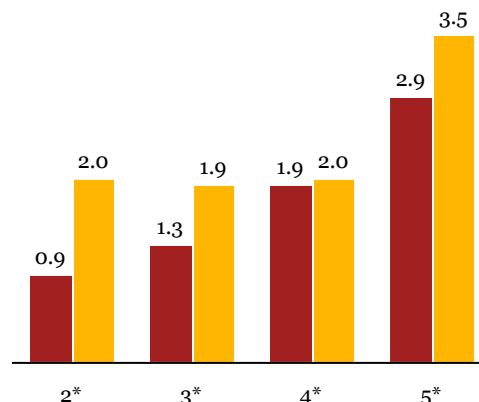
Revenue/Bed (€k)

Avg. difference.: € 1.9k



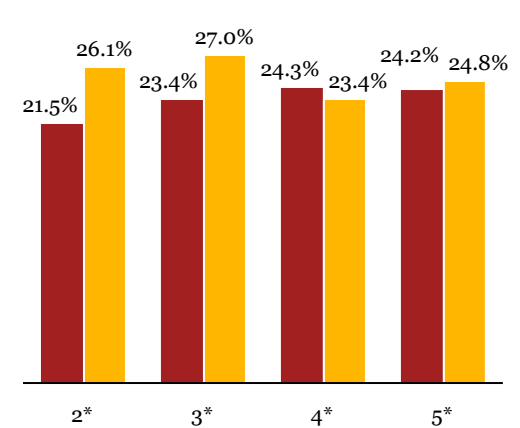
EBITDA/Bed (€k)

Avg. difference.: € 0.6k



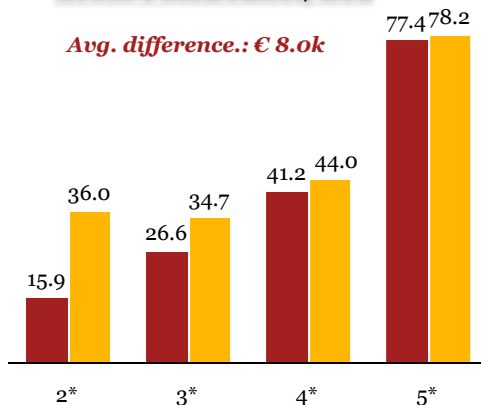
EBITDA margin

Avg. difference.: € 2.0pps



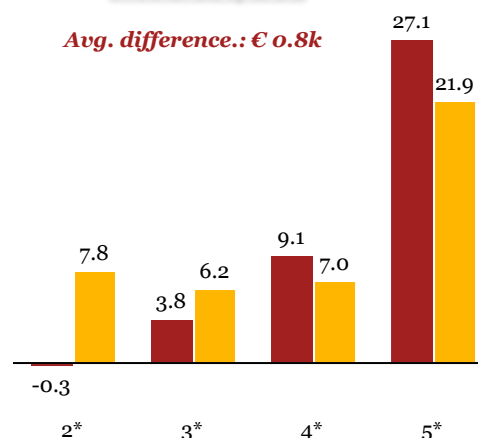
Gross Fixed Asset/Bed

Avg. difference.: € 8.0k



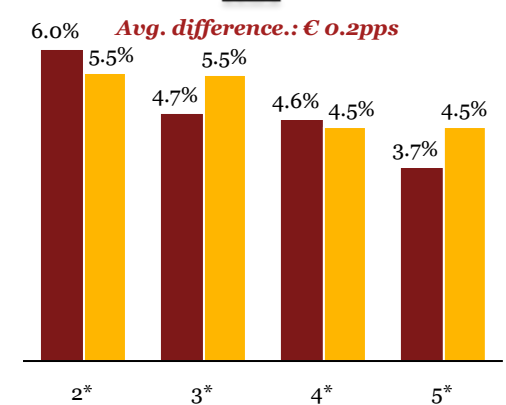
Net Debt/Bed

Avg. difference.: € 0.8k

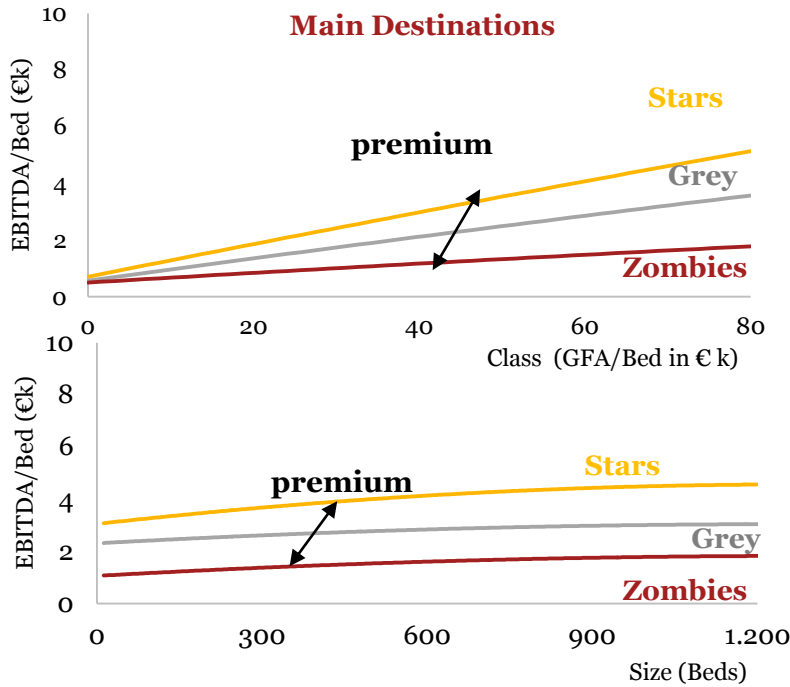


ROI

Avg. difference.: € 0.2pps



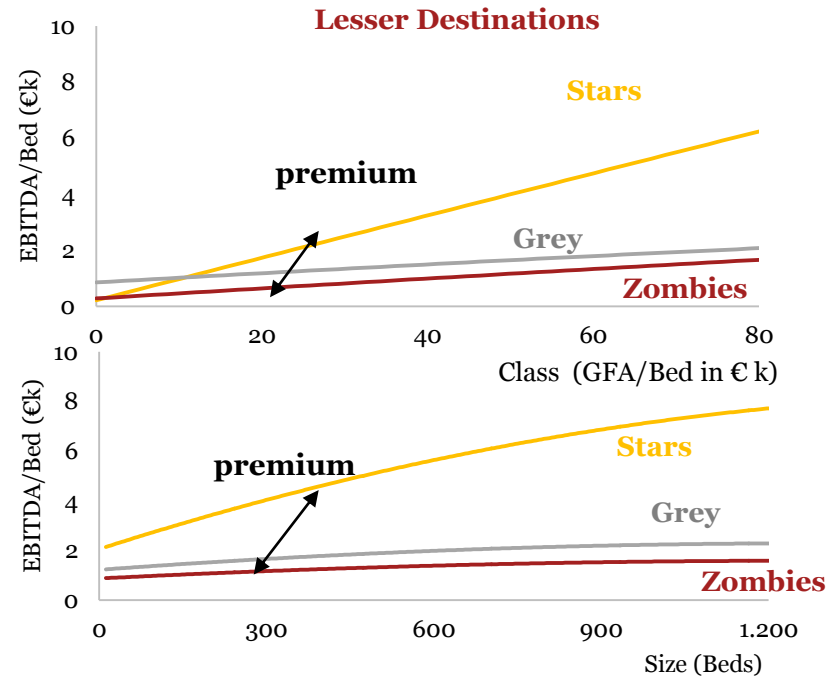
**Primarily class and secondarily the unit size determine profitability at any given destination with significant distance between main and lesser destination**



$$\ln(\text{EBITDA/Bed}) = -1.72 + 0.11 \ln(\text{Revenue}) + 0.77 \ln(\text{GFA/Bed})$$

$$\ln(\text{EBITDA/Bed}) = -1.16 + 0.07 \ln(\text{Revenue}) + 0.73 \ln(\text{GFA/Bed})$$

$$\ln(\text{EBITDA/Bed}) = -1.27 + 0.15 \ln(\text{Revenue}) + 0.58 \ln(\text{GFA/Bed})$$



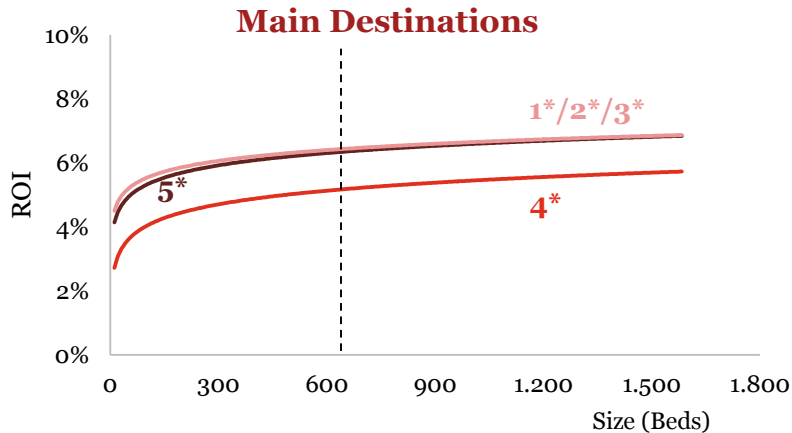
$$\ln(\text{EBITDA/Bed}) = -7.40 + 0.37 \ln(\text{Revenue}) + 0.95 \ln(\text{GFA/Bed})$$

$$\ln(\text{EBITDA/Bed}) = 0.18 \ln(\text{Revenue}) + 0.44 \ln(\text{GFA/Bed})$$

$$\ln(\text{EBITDA/Bed}) = -3.32 + 0.18 \ln(\text{Revenue}) + 0.72 \ln(\text{GFA/Bed})$$

- Star, Grey, and Zombie hotel performance is driven in general by the same variables, but there are systematic differences in their performance
- EBITDA/Bed at main destinations is strongly dependent on class and secondarily on size, with marked differences between main and lesser destinations
- Star hotels in lesser destinations perform considerably better than all others
- Grey hotels in lesser destinations tend to be more comparable to Zombie hotels
- In general, extra investment in a hotel or capacity addition are rewarded by diminishing increases in EBITDA/bed

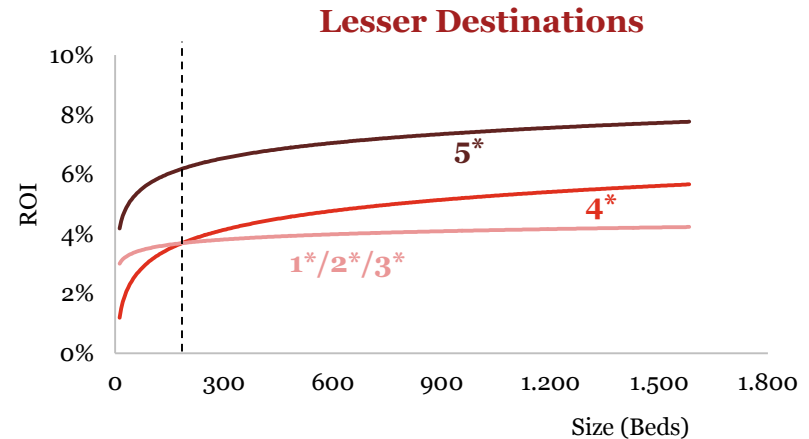
**Depending on unit size and classes, different types of hotel emerge as most profitable in terms of return on investment**



$$\ln(\text{ROI}) = 0.11 \ln(\text{Revenue}) - 0.42 \ln(\text{GFA/Bed})$$

$$\ln(\text{ROI}) = -2.18 + 0.15 \ln(\text{Revenue}) - 0.29 \ln(\text{GFA/Bed})$$

$$\ln(\text{ROI}) = -1.08 + 0.09 \ln(\text{Revenue}) - 0.29 \ln(\text{GFA/Bed})$$



$$\ln(\text{ROI}) = 3.12 + 0.15 \ln(\text{Revenue}) - 0.77 \ln(\text{GFA/Bed})$$

$$\ln(\text{ROI}) = -2.84 + 0.27 \ln(\text{Revenue}) - 0.41 \ln(\text{GFA/Bed})$$

$$\ln(\text{ROI}) = -4.50 + 0.07 \ln(\text{Revenue}) - 0.02 \ln(\text{GFA/Bed})$$

- The performance differences are greater in lesser than for the main destinations
- At the main destinations, 5\* hotels and 1\*/2\*/3\* hotels demonstrate similar performance, while 4\* hotels perform about 2 pps lower
- Within the lesser destination cluster, 5\* hotels have the best return on investment, comparable to main destination hotels. Between the other two classes, for less than 200 beds 1\*/2\*/3\*, hotels have better returns, with 4\* hotels emerging after that mark

## **Summary**

- Destination, class, unit size, and the quality of management determine hotel economics
- Five destinations account for 84% of all capacity
- Lesser destinations which cover 16% of capacity show a lower performance than the main destinations
- Zombies tend to be concentrated in lesser destinations, with the marked exception of Attica
- There are indications of under capacity at the main destinations
- Performance and operational characteristics differ per Star category, with high Star hotels underperforming lower Star hotels in terms of profitability
- 300- beds hotels, seem to perform slightly better in terms of operational profitability than 300+ bed hotels, but show very little difference on return on investment
- Primarily class and secondarily the unit size determine profitability at any given destination with significant distance between main and lesser destination
- Depending on unit size and classes, different types of hotel emerge as most profitable in terms of return on investment



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# *Investment Strategies*

## ***The investment context***

- Tourism has been growing consistently since 2011 and is not, by and large, driven by Greek GDP
- The conditions in Middle East, Turkey and North Africa and the improving, relative to them, competitiveness of Greek hospitality, are supporting the continuing growth hypothesis
- Growth in tourist arrivals could be only halted by a global or European recession or major political events in Greece
- There are 754 hotel companies 1,129 hotels with revenues more than €1mn p.a.; only 367 of the hotels have 300+ beds, whilst less than 60 of the companies are trapped Zombies
- Hospitality economics are driven by **destination**, **class** and **unit size** and strongly influenced by the quality of management
- There are about 240 Zombie hotel companies in fairly good shape carrying about €2 bn of excess, but refianaceable, loans
- About €1.6bn of investment is planned to improve the tourism infrastructure in the period up to 2020
- There has been very little visible M&A activity in the hospitality industry in recent years, with very few and only one sizeable transactions recently

**There are at least 225 hotels currently on offer, with asking prices per bed considerably higher than the imputed equity value per bed**

| Destinations                         | No of Hotels | Asking Price (€ k) | Average Asking Price (€ k/hotel) | Beds          | Beds/Hotel | Average Asking Price/bed (€ k) | Average estimated Equity Price/bed (€ k) | Estimated Equity Value/bed (% Asking Price/bed) |
|--------------------------------------|--------------|--------------------|----------------------------------|---------------|------------|--------------------------------|--|---|
| South Aegean                         | 49           | 282,420            | 5,764                            | 5,992         | 122        | 47.1                           | 27.8                                     | 58.9%   |
| Crete                                | 24           | 479,150            | 19,965                           | 9,122         | 380        | 52.5                           | 27.0                                     | 51.3%   |
| Ionian Islands                       | 35           | 337,050            | 9,630                            | 9,382         | 268        | 35.9                           | 18.4                                     | 51.3%   |
| Central Macedonia                    | 26           | 273,950            | 10,537                           | 6,607         | 254        | 41.5                           | 23.0                                     | 55.5%   |
| Attica                               | 42           | 327,920            | 7,808                            | 6,371         | 152        | 51.5                           | 16.5                                     | 32.1%   |
| <b>Main destinations sub total</b>   | <b>176</b>   | <b>1,700,490</b>   | <b>9,662</b>                     | <b>37,474</b> | <b>213</b> | <b>45.4</b>                    | <b>24.8</b>                              | <b>54.8%</b>                                    |
| Western Greece                       | 3            | 15,000             | 5,000                            | 518           | 173        | 29.0                           | 18.4                                     | 63.5%   |
| Western Macedonia                    | 1            | 1,800              | 1,800                            | 100           | 100        | 18.0                           | 27.8                                     | 154.6%  |
| Epirus                               | 2            | 4,000              | 2,000                            | 189           | 95         | 21.2                           | 16.0                                     | 75.5%   |
| Thessaly                             | 4            | 21,200             | 5,300                            | 486           | 121        | 43.6                           | 15.6                                     | 35.8%   |
| Peloponnese                          | 16           | 92,200             | 5,763                            | 3,718         | 232        | 24.8                           | 5.8                                      | 23.5%   |
| Central Greece                       | 23           | 198,280            | 8,621                            | 6,955         | 302        | 28.5                           | 6.8                                      | 23.9%   |
| <b>Lesser destinations sub total</b> | <b>49</b>    | <b>332,480</b>     | <b>6,785</b>                     | <b>11,966</b> | <b>244</b> | <b>27.8</b>                    | <b>11.21</b>                             | <b>40.3%</b>                                    |
| <b>Total</b>                         | <b>225</b>   | <b>2,032,970</b>   | <b>9,035</b>                     | <b>49,440</b> | <b>220</b> | <b>41.1</b>                    | <b>23.21</b>                             | <b>56.4%</b>                                    |

Source: PwC research

- Hotels on offer are concentrated in the main destinations (78%)
- There are typically small units with about 220 beds on average priced at €45k/bed for main destination or €28k/bed for lesser destinations
- The asking prices per bed in the main destinations are 63% higher than in the lesser destinations
- The typical equity value for a hotel at each destination is between about 45% lower than the average asking price, with the difference being more salient (60%) for lesser destinations

## There are only three investment strategies (1/2)

- Strategy A: Add capacity at main destinations by acquiring hotels (up to 605 hotels) with immediate expansion potential**
  - capacity in certain locations of the five main destinations is short of the potential demand
  - to cope with the current trend of incoming tourists, hotels need to expand and possibly new units will be built at certain locations
  - when new units are combined in locations with existing ones, the economics improve markedly
  - investments in upgrading and renovation are also due after years of underinvestment
  - profitability improvement tend to be bigger for Star hotels
  - typical hotel EV will range from €46k to €23k per bed
- Strategy B: Acquire and upgrade hotel units to the next class (up to 476 hotels)**
  - upgrading to the next class will increase room rates at the expense of the incremental investment necessary and higher operating cost
  - upgrading increases both operational profitability and return on investment
  - the profitability improvement tends to be bigger for Star hotels at main destinations
  - typical hotel EV will range from €37k to €24k per bed

Star/ Grey  
5\* - 4\* - 3\*/2\*/1\*

| Add capacity |                     |     |          |
|--------------|---------------------|-----|----------|
| Group        | Value multiples (x) |     |          |
|              | 5*                  | 4*  | 3*/2*/1* |
| Star         | 1.6                 | 1.7 | 1.6      |
| Grey         | 1.6                 | 1.5 | 1.6      |

Up to 605 hotels, at main destinations

Star/ Grey  
4\* - 3\*/2\*/1\*

| Upgrade |                     |         |
|---------|---------------------|---------|
| Group   | Value multiples (x) |         |
|         | 4*-->5*             | 3*-->4* |
| Star    | 1.6                 | 1.2     |
| Grey    | 1.4                 | 1.1     |

Up to 476 hotels

## There are only three investment strategies (2/2)

- **Strategy C: Develop lesser destinations by acquiring a number of hotels at the same destination (57 hotels in total)**

- at lesser location hotels tend to underperform
- acquiring a number of hotels at a lesser destination and marketing them aggressively will improve their operating economics
- hotels for acquisitions could be Stars or Greys, and occasionally Zombies, in the 5\* and 4\* classes
- developing a new destination could prove expensive and may require state support for the upgrade of infrastructure and for marketing
- there are about 20 hotels in a number of lesser destinations that could be acquired cheaper than the cost of investment
- the most relevant lesser destination for this strategy are East Macedonia and Thrace, Epirus and Western Greece
- typical hotel EV will range from €70k to €12k per bed

- **Zombie acquisition is a doubtful strategy (only 54 hotels)**

- The acquisition cost plus the upgrade cost plus the repositioning and marketing costs could prove greater, smaller or equal to the market value, rendering the process uncertain

Star/ Grey  
5\* - 4\* - 3\*/2\*/1\*

| Develop lesser destinations |                     |     |          |
|-----------------------------|---------------------|-----|----------|
| Group                       | Value multiples (x) |     |          |
|                             | 5*                  | 4*  | 3*/2*/1* |
| Star                        | 3.7                 | 2.0 | 1.6      |
| Grey                        | 1.8                 | 1.8 | 1.5      |

Up to 57 hotels at lesser destinations

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# *Conclusions*

## ***Greek hospitality: A land of opportunities?***

- Tourism is growing consistently since 2011 and it is not by and large driven by Greek GDP. The tourism industry is mildly competitive
- The hospitality industry is fragmented with small scale hotel companies
- Hospitality economics are determined by **destination**, **unit size** and **class** and influenced by the quality of management
- There are at least 225 hotels currently on offer, at asking prices 77% on average higher than the typical equity value for the hotel cluster. However very few hotel transactions are completed every year
- There are three strategies and a no-strategy for hospitality investments:
  - **add capacity** at main destinations through unutilised building permits
  - **upgrade hotels** to the next class
  - **develop lesser destinations** through acquisition of many hotels at one of them
  - **Zombie acquisition is a doubtful strategy** with only few exceptions
- The most promising strategy in terms of value potential appears to be **lesser destination development** followed by capacity enhancement, with hotel upgrading at the bottom
- In the context of these strategies there are at main destinations, 221 Star and 153 Grey 5\* and 4\* hotels to be considered for acquisition at international EBITDA multiples
- At lesser destinations, where the privatisation of 14 regional airports could boost demand, there are 57 hotels, 18 of which could be acquired relatively cheap against the capital already invested
- The current structure of the industry along with its mild relative competitiveness and its underlying economics do not facilitated large scale transactions and consequently fast consolidation

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