

## Webinar

## ULI Europe and PwC Emerging Trends?? 2024 Report Launch???

Date: November 07, 2023

| 00:00:13> 00:00:17: | Hello and good afternoon.   |
|---------------------|---|
| 00:00:17> 00:00:22: | Welcome to the launch of the 2024 ULIPWC Emerging Trends                  |
| 00:00:22> 00:00:25: | in Real Estate Europe report launch.                                      |
| 00:00:25> 00:00:28: | I'm Simon Durkin, the Head of Real Estate Research and                    |
| 00:00:29> 00:00:30: | Strategy at BlackRock.  |
| 00:00:30> 00:00:33: | And thank you to the ULI and PwC for inviting                             |
| 00:00:33> 00:00:34: | me along today.   |
| 00:00:35> 00:00:39: | Look, this year's Emerging Trends in Real Estate report illustrates       |
| 00:00:39> 00:00:42: | it's a fairly anxious industry coming to terms with the                   |
| 00:00:42> 00:00:46: | exceptional market conditions that we currently experience in Europe.     |
| 00:00:47> 00:00:51: | And while some lenders remain hopeful, a vast majority of                 |
| 00:00:51> 00:00:55: | European real estate industry professionals are looking for that solid    |
| 00:00:55> 00:01:00: | footing as the combination of ESG requirements, geopolitical tensions and |
| 00:01:00> 00:01:04: | high interest rates continue to disrupt the status quo in                 |
| 00:01:04> 00:01:06: | this post COVID market.   |
| 00:01:07> 00:01:11: | Now I'm delighted to introduce Gareth Lewis from PwC, who                 |
| 00:01:11> 00:01:16: | will get us started by taking us through this year's                      |
| 00:01:16> 00:01:17: | emerging trends report.   |
| 00:01:18> 00:01:19: | Gareth, over to you.  |
| 00:01:23> 00:01:26: | Thank you, Simon, and good afternoon, everyone.                           |
| 00:01:26> 00:01:29: | As Simon said, I'm Gareth Lewis, Director in the PwC                      |
| 00:01:30> 00:01:33: | Real Estate Lead Advisory Practice, and I also lead.                      |
| 00:01:34> 00:01:37: | For the firm's real estate research and thought leadership, and           |
| 00:01:37> 00:01:41: | that includes the emerging Trends in Real Estate report series,           |

| 00:01:41> 00:01:43: | we do in collaboration with the Urban Land Institute.                               |
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| 00:01:44> 00:01:46: | And I'd like to take this opportunity to thank Lizette                              |
| 00:01:46> 00:01:49: | and the ULI for another fantastic collaboration.                                    |
| 00:01:49> 00:01:53: | This year, the Emerging Trends in Real Estate survey is                             |
| 00:01:53> 00:01:56: | a joint survey between PwC and the ULI and it's                                     |
| 00:01:56> 00:01:57: | published every year.   |
| 00:01:57> 00:02:00: | In Europe, it's been published every year.  |
| 00:02:00> 00:02:04: | Since 2003 it's it's forward-looking and and we think unique                        |
| 00:02:04> 00:02:07: | in terms of the the quality of the input we   |
| 00:02:07> 00:02:11: | get from senior professionals around Europe and and globally.                       |
| 00:02:11> 00:02:14: | And and I'd like to take this opportunity to thank                                  |
| 00:02:14> 00:02:17: | all the people that participated in in the research this                            |
| 00:02:17> 00:02:17: | year.   |
| 00:02:18> 00:02:21: | This year's report takes in the views of over 1000                                  |
| 00:02:21> 00:02:22: | participants.   |
| 00:02:22> 00:02:25: | Who were either interviewed, took part in the online survey                         |
| 00:02:25> 00:02:28: | or indeed took part in a series of round table                                      |
| 00:02:28> 00:02:29: | meetings across Europe.   |
| 00:02:29> 00:02:36: | So that includes investors, fund managers, developers, property companies, lenders, |
| 00:02:36> 00:02:37: | brokers and consultants.  |
| 00:02:37> 00:02:40: | So as Simon said, I'll try and give you a   |
| 00:02:40> 00:02:43: | brief highlight of the findings of this year's survey over                          |
| 00:02:43> 00:02:44: | the next 10 minutes or so.  |
| 00:02:44> 00:02:47: | If we could go on to the next slide please.   |
| 00:02:49> 00:02:51: | So where are we now?  |
| 00:02:51> 00:02:51: | Well.   |
| 00:02:51> 00:02:55: | Europe's real estate industry has endured endured record low transactions           |
| 00:02:55> 00:02:56: | in the last 18 months.  |
| 00:02:57> 00:03:01: | Central bank interest rates throughout 2023 have left large parts                   |
| 00:03:01> 00:03:05: | of the industry in passive mode, and the survey and                                 |
| 00:03:05> 00:03:09: | interviews were conducted before the crisis in Israel and Gaza,                     |
| 00:03:09> 00:03:11: | which started exactly 4 weeks ago.  |
| 00:03:11> 00:03:15: | And that's clearly added to the geopolitical uncertainty out there.                 |
| 00:03:16> 00:03:19: | In this market, the current approach of many investors is                           |
| 00:03:19> 00:03:20: | characterized by inertia.   |
| 00:03:20> 00:03:23: | There's little wonder, I guess, that stay alive till 25                             |
| 00:03:24> 00:03:28: | has become something of a mantra amongst Europe's property leaders.                 |

| 00:03:28> 00:03:31: | And as one participant said, if investors have a choice                           |
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| 00:03:31> 00:03:33: | to sit on their hands, they're doing it.  |
| 00:03:34> 00:03:39: | Unsurprisingly, the the survey shows that interest rate movements, inflation      |
| 00:03:39> 00:03:42: | and European economic growth are top of the industry's general                    |
| 00:03:42> 00:03:44: | business concerns going into 2024.  |
| 00:03:45> 00:03:48: | Although the levels of concerns are actually down or less                         |
| 00:03:48> 00:03:51: | than last year, the survey also shows that those three                            |
| 00:03:51> 00:03:53: | areas remain the chief worries for the industry as a                              |
| 00:03:53> 00:03:55: | whole over their five year time horizon.  |
| 00:03:56> 00:03:57: | Next slide please.  |
| 00:04:01> 00:04:04: | Having said that, the proportion of respondents in this year's                    |
| 00:04:04> 00:04:08: | survey expecting business confidence and profitability to increase is higher      |
| 00:04:08> 00:04:11: | than last year, with around 1/3 taking this view.                                 |
| 00:04:11> 00:04:15: | That's roughly half the level of of optimism 2 years                              |
| 00:04:15> 00:04:16: | ago going into 2022.  |
| 00:04:18> 00:04:22: | So although the survey indicates greater business<br>confidence and profitability |
| 00:04:22> 00:04:24: | for 2024 than a year ago, it's fair to say  |
| 00:04:25> 00:04:27: | this is from a low base and we're still below                                     |
| 00:04:27> 00:04:29: | the optimism of previous years.   |
| 00:04:30> 00:04:32: | And in light of the growing realisation that we will                              |
| 00:04:33> 00:04:35: | be in a a higher for longer interest rate environment                             |
| 00:04:35> 00:04:39: | and progressively less positive and geopolitical sentiment emerging during the    |
| 00:04:39> 00:04:43: | research period, it's notable that much of the positive, the                      |
| 00:04:43> 00:04:46: | positivity amongst interviewers often fell back on the the apparent               |
| 00:04:46> 00:04:48: | strength of the underlying Occupy market.   |
| 00:04:50> 00:04:53: | So whilst the changing macro backdrop to real estate has                          |
| 00:04:53> 00:04:56: | taken a heavy toll on investor sentiment so far.                                  |
| 00:04:56> 00:04:59: | The sense is that it's yet to be fully tested                                     |
| 00:04:59> 00:05:02: | by the Occupy markets and therefore the industry is clearly                       |
| 00:05:02> 00:05:04: | concerned about economic forecasts.   |
| 00:05:04> 00:05:07: | That suggests sluggish growth at best across Europe, but with                     |
| 00:05:07> 00:05:10: | real worries for the big economies such as Germany and                            |
| 00:05:10> 00:05:11: | the UK.   |
| 00:05:12> 00:05:14: | In the absence of a pickup in the real economy,                                   |
| 00:05:14> 00:05:17: | the wider expectation is that far more distress will be                           |
| 00:05:17> 00:05:20: | necessary to close that bid ask gap and allow liquidity                           |

| 00:05:20> 00:05:21: | to return.  |
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| 00:05:22> 00:05:23: | Our next slide please.  |
| 00:05:26> 00:05:30: | Now the top real estate specific concerns remain<br>construction costs      |
| 00:05:30> 00:05:34: | and resource availability by by some distance, although the proportion      |
| 00:05:34> 00:05:37: | of respondents selecting these factors is down on last year's               |
| 00:05:37> 00:05:38: | results.  |
| 00:05:38> 00:05:41: | Perhaps not surprising for an issue that began with the                     |
| 00:05:42> 00:05:44: | onset of the pandemic and has now been a feature                            |
| 00:05:44> 00:05:48: | for for around four years, 2/3 of respondents reference market              |
| 00:05:48> 00:05:49: | liquidity issues.   |
| 00:05:49> 00:05:51: | And while this is the first time the question has                           |
| 00:05:51> 00:05:53: | been asked in the survey, the challenge was a really                        |
| 00:05:53> 00:05:54: | big.  |
| 00:05:54> 00:05:57: | Talking point amongst amongst interviewees.                                 |
| 00:05:58> 00:05:59: | Next slide please.  |
| 00:06:02> 00:06:06: | So sharply slower economic growth, stubbornly high inflation and concern    |
| 00:06:06> 00:06:09: | about how much higher interest rates will rise continue to                  |
| 00:06:09> 00:06:12: | cast a shadow over European real estate investment.                         |
| 00:06:13> 00:06:15: | This is on top of the ever present challenges of                            |
| 00:06:15> 00:06:19: | geopolitical volatility, increasing policy and regulate regulatory burdens. |
| 00:06:20> 00:06:23: | One interview summed up the magnitude of the situation by                   |
| 00:06:23> 00:06:26: | saying we're clearly going through another major transition in the          |
| 00:06:26> 00:06:29: | capital markets on a scale probably only slightly smaller than              |
| 00:06:29> 00:06:31: | the GFC and others described.   |
| 00:06:31> 00:06:35: | A Poly crisis unfolding, and that unpleasant cocktail of issues             |
| 00:06:35> 00:06:40: | has caused European real estate investment volumes to<br>plummet and        |
| 00:06:40> 00:06:41: | prices to fall.   |
| 00:06:41> 00:06:46: | According to MSCI, only 119 billion of investment turnover was              |
| 00:06:46> 00:06:50: | recorded across Europe during the first nine months of 2023.                |
| 00:06:50> 00:06:52: | That's less than half the level for the same.                               |
| 00:06:52> 00:06:56: | In 2022 and the weakest activity in 13 years.                               |
| 00:06:57> 00:07:01: | Some 45% of respondents expect the availability of capital for              |
| 00:07:02> 00:07:07: | debt refinancing all new investments to decrease against 28% expecting      |
| 00:07:07> 00:07:09: | the number to increase.   |

| 00:07:09> 00:07:14: | And I think that explains why the proportion expressing concern           |
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| 00:07:14> 00:07:19: | about the ability to refinance in 2024 jumps to 65%                       |
| 00:07:19> 00:07:22: | this year from 53% compared to 2023 and only 30%                          |
| 00:07:23> 00:07:23: | in 2022.  |
| 00:07:25> 00:07:25: | Next slide please.  |
| 00:07:29> 00:07:33: | So market participants are therefore more careful than ever about         |
| 00:07:33> 00:07:35: | how and where they deploy capital.  |
| 00:07:36> 00:07:39: | For many investors and developers, this means focusing on cities          |
| 00:07:39> 00:07:41: | that offer liquidity in riskier times.                                    |
| 00:07:41> 00:07:44: | And in this respect, it's no surprise that London and                     |
| 00:07:44> 00:07:47: | Paris take the top two places in the city rankings                        |
| 00:07:47> 00:07:48: | once again.   |
| 00:07:49> 00:07:52: | But the premium on liquidity combined with economic performance is        |
| 00:07:52> 00:07:55: | also evident in other cities in the ascendancy in this                    |
| 00:07:55> 00:07:58: | year's survey, namely Madrid, Milan and Lisbon.                           |
| 00:07:59> 00:08:03: | Though relatively still relatively highly placed, the German cities of    |
| 00:08:03> 00:08:06: | Berlin, Munich, Frankfurt and Hamburg have slipped in the rankings        |
| 00:08:06> 00:08:09: | in terms of investment and development prospects as you<br>can            |
| 00:08:09> 00:08:09: | see here.   |
| 00:08:10> 00:08:13: | And the overall gloomy economic outlook for Germany in 2024               |
| 00:08:13> 00:08:17: | is influencing sentiment for those cities renowned previously renowned as |
| 00:08:17> 00:08:19: | a safe havens per capital not so long ago.                                |
| 00:08:20> 00:08:23: | Some interviews also suggest that real estate pricing has been            |
| 00:08:23> 00:08:26: | slower to adjust in Germany than across most of Europe.                   |
| 00:08:27> 00:08:28: | Our next slide please.  |
| 00:08:32> 00:08:35: | In terms of sectors you can see the ESG influences                        |
| 00:08:35> 00:08:38: | is significant and for the third year running, new energy                 |
| 00:08:38> 00:08:42: | infrastructure is identified as a sector offering the greatest overall    |
| 00:08:42> 00:08:45: | prospects for investment and development.                                 |
| 00:08:45> 00:08:48: | As you can see here, niche operational sectors once again                 |
| 00:08:49> 00:08:52: | dominate the sector rankings, underpinned by global mega trends, climate  |
| 00:08:52> 00:08:56: | change, information technology, demographics and urbanisation.            |

| 00:08:56> 00:08:59: | Beds, meds and sheds, as it's often referred to as                       |
|---------------------|--|
| 00:08:59> 00:09:02: | many analysts now, which you can see here shaded in                      |
| 00:09:02> 00:09:06: | orange on this slide, encompasses most of these trends that              |
| 00:09:06> 00:09:07: | dominate those top sectors.  |
| 00:09:08> 00:09:13: | According to MSCI, alternative sectors account for 3rd accounted for     |
| 00:09:13> 00:09:17: | 33% of the 326 billion invested in Europe in 2022,                       |
| 00:09:18> 00:09:21: | compared with 21% of all investment back in 2007.                        |
| 00:09:22> 00:09:26: | And the share of office and retail fell from 70%                         |
| 00:09:26> 00:09:27: | to 44% in that time.   |
| 00:09:28> 00:09:31: | Interviewees agree that in an area where in an area                      |
| 00:09:31> 00:09:34: | where higher rates will be the new normal and capital                    |
| 00:09:34> 00:09:37: | value increases will not be guaranteed, the move towards complex         |
| 00:09:38> 00:09:41: | and more operational alternative sectors is is likely to accelerate.     |
| 00:09:42> 00:09:43: | The next slide please.   |
| 00:09:46> 00:09:50: | But there remain many issues hindering the growth of these               |
| 00:09:50> 00:09:51: | alternative real estate sectors.   |
| 00:09:52> 00:09:56: | When asked about the biggest barrier for institutional capital investing |
| 00:09:56> 00:09:59: | in alternative sectors, the most commonly cited factor is lack           |
| 00:09:59> 00:10:02: | of knowledge, which you could perhaps reflect.                           |
| 00:10:02> 00:10:04: | It could perhaps reflect, I guess a a lack of                            |
| 00:10:05> 00:10:08: | confidence in investors ability to manage that operational complexity.   |
| 00:10:09> 00:10:12: | There's also the the obvious barrier, which is the investable            |
| 00:10:12> 00:10:14: | universe and liquidity of these new sectors.                             |
| 00:10:15> 00:10:17: | As illustrated by the chart you can see here on                          |
| 00:10:17> 00:10:20: | the right hand side showing the overall sector ranking and               |
| 00:10:20> 00:10:22: | size of transaction volumes for 2022.                                    |
| 00:10:23> 00:10:26: | So these emerging these sectors are still dwarfed in size                |
| 00:10:26> 00:10:28: | by the outer favour sectors such as office and and                       |
| 00:10:28> 00:10:29: | retail.  |
| 00:10:30> 00:10:31: | And next slide please.   |
| 00:10:35> 00:10:38: | And we asked the question which niche and emerging alternative           |
| 00:10:38> 00:10:41: | sectors are you most likely to increase your exposure to                 |
| 00:10:41> 00:10:42: | in the coming years?   |
| 00:10:42> 00:10:44: | In the coming five years, And the results can be                         |
| 00:10:44> 00:10:45: | seen here.   |
| 00:10:46> 00:10:49: | According to this year's research, ESG is the driving force              |
| 00:10:49> 00:10:52: | behind the generation, a new generation of emerging niche sectors,       |

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| 00:10:52> 00:10:57: | including battery storage for renewable energy, solar farms, electric vehicle     |
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| 00:10:57> 00:10:59: | parking and charging and other infrastructure.                                    |
| 00:11:00> 00:11:02: | And according to one interview, this could amount to a                            |
| 00:11:02> 00:11:04: | massive amount of quasi real estate over the next five                            |
| 00:11:04> 00:11:05: | years.  |
| 00:11:06> 00:11:07: | Next slide please.  |
| 00:11:10> 00:11:13: | This brings me to the title of this year's report,                                |
| 00:11:13> 00:11:14: | Getting Fit for Purpose.  |
| 00:11:15> 00:11:18: | Europe's Real Estate industry has reached a point in its                          |
| 00:11:18> 00:11:21: | evolution where it knows it must balance making short term                        |
| 00:11:21> 00:11:23: | money with providing for the longer term needs of a                               |
| 00:11:23> 00:11:25: | complex and fast changing society.  |
| 00:11:26> 00:11:28: | It just needs to figure out how to get there.                                     |
| 00:11:28> 00:11:31: | And the slide here shows the word cloud analysis of                               |
| 00:11:31> 00:11:34: | responses to the question of what trends will have the                            |
| 00:11:34> 00:11:36: | most impact on real estate by 2050.   |
| 00:11:37> 00:11:41: | The reason behind the uncertainty contributing to that current market             |
| 00:11:41> 00:11:43: | stasis is, is both down to the macro environment and                              |
| 00:11:43> 00:11:46: | we believe the whole question around what is fit for                              |
| 00:11:46> 00:11:48: | purpose real estate and that's both in terms of the                               |
| 00:11:49> 00:11:51: | real estate product and also the way in which we                                  |
| 00:11:51> 00:11:54: | that investment into that product is structured and operated.                     |
| 00:11:55> 00:11:58: | This is probably best captured by the fact that a                                 |
| 00:11:58> 00:12:01: | remarkable 76% of respondents believe that current valuations do not              |
| 00:12:01> 00:12:06: | accurately reflect all the challenges and opportunities impacting real estate     |
| 00:12:06> 00:12:09: | such as climate change, social impact and occupy demand.                          |
| 00:12:10> 00:12:14: | 79% of those surveyed believe that ESG credentials will have                      |
| 00:12:14> 00:12:18: | a material effect on asset valuations in the next 12                              |
| 00:12:18> 00:12:20: | to 18 months and nine in 10.  |
| 00:12:20> 00:12:24: | I think running an environmentally and socially sustainable business is           |
| 00:12:24> 00:12:28: | the most important factor for the successful organizational transformation within |
| 00:12:28> 00:12:30: | the real estate industry by 2050.   |
| 00:12:31> 00:12:32: | Next slide please.  |
| 00:12:36> 00:12:37: | So in conclusion.   |
| 00:12:38> 00:12:41: | But most forecasts for the eurozone suggest a sluggish economy                    |
| 00:12:41> 00:12:44: | at best in 2024, with a recession of realistic concern                            |

| 00:12:44> 00:12:47: | either way, there's a sense that the industry could be             |
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| 00:12:47> 00:12:50: | on the cusp of a serious downturn in demand across                 |
| 00:12:50> 00:12:51: | Occupy markets.  |
| 00:12:51> 00:12:54: | And as to whether that market status will persist in               |
| 00:12:54> 00:12:56: | 2024, there there's some hope.                                     |
| 00:12:56> 00:13:00: | That the stars are aligning, namely clarity on inflation, interest |
| 00:13:00> 00:13:05: | rates and valuation, and hopefully that will facilitate greater    |
|                     | transactional  |
| 00:13:05> 00:13:06: | activity in 2024.  |
| 00:13:06> 00:13:09: | However, there's unlikely to be a single timeline for this         |
| 00:13:09> 00:13:11: | across Europe's diverse markets.                                   |
| 00:13:12> 00:13:15: | Could 2024 be the year of investment opportunity for<br>European   |
| 00:13:15> 00:13:18: | real estate when a new wave of distressed sales comes              |
| 00:13:18> 00:13:22: | forward and rising liquidity freezer shackles of bank lending?     |
| 00:13:22> 00:13:25: | Or will that risk of catching a falling knife continue?            |
| 00:13:26> 00:13:29: | To keep investors at Bay justifying that, stay alive till          |
| 00:13:29> 00:13:32: | 25 mantra all of the above chimes with the perception              |
| 00:13:32> 00:13:35: | emerging from the survey that we're entering into an environment   |
| 00:13:35> 00:13:38: | in which some big calls will need to be made.                      |
| 00:13:38> 00:13:42: | Whether that's timing the bottom of the market, putting serious    |
| 00:13:42> 00:13:45: | cash to work on an extensive brown to green repositioning          |
| 00:13:45> 00:13:48: | strategy, making the call between an electrical or hydrogen fuel   |
| 00:13:48> 00:13:51: | car fleet of the future or nailing colours to mask                 |
| 00:13:51> 00:13:54: | around where that whole hybrid working model settles.              |
| 00:13:55> 00:13:58: | Whilst the sentiment from the survey points to an industry         |
| 00:13:58> 00:14:01: | in wait and see, mode also suggests an environment and             |
| 00:14:01> 00:14:04: | point in the market cycle where the rewards could be               |
| 00:14:04> 00:14:07: | significant for those who are brave enough to make these           |
| 00:14:07> 00:14:08: | these big calls.   |
| 00:14:08> 00:14:11: | So I think we're in exciting times and looking forward             |
| 00:14:11> 00:14:13: | to hearing the the panellists views on that.                       |
| 00:14:13> 00:14:16: | And with that I will hand over to Simon.                           |
| 00:14:16> 00:14:17: | Thank you.   |
| 00:14:20> 00:14:21: | That was a great summary.  |
| 00:14:21> 00:14:22: | Thank you, Gareth.   |
| 00:14:22> 00:14:24: | I mean, I I get a sense that as an                                 |
| 00:14:24> 00:14:28: | industry, we're moving into the acceptance phase now and           |
|                     | starting   |
| 00:14:28> 00:14:32: | to turn our attentions to how we think about playing               |
| 00:14:32> 00:14:33: | this, this environment.  |

| 00:14:33> 00:14:37: | Now at BlackRock, we, we see 5 mega forces that                              |
|---------------------|--|
| 00:14:37> 00:14:42: | will really drive performance going forward and that gap between             |
| 00:14:42> 00:14:44: | the winners and losers.  |
| 00:14:45> 00:14:47: | And you summarize them on that on that word cloud.                           |
| 00:14:47> 00:14:49: | I mean, for us, it's about digital disruption.                               |
| 00:14:49> 00:14:54: | It's about geopolitics, the energy transition, demographics and the future   |
| 00:14:54> 00:14:54: | of finance.  |
| 00:14:54> 00:14:57: | And we'll touch on most of these over the course                             |
| 00:14:57> 00:14:59: | of the next 45 minutes with our excellent panel.                             |
| 00:15:00> 00:15:05: | So I have the pleasure of introducing my panellists, Anna                    |
| 00:15:05> 00:15:09: | Dashnovska, who is an MD at Invesco, Clement Schaefer,<br>Head               |
| 00:15:09> 00:15:12: | Real Estate for EMEA and a packet DWS.                                       |
| 00:15:13> 00:15:17: | I'm Anweli Boehner, a managing partner at Velo Capital,<br>which             |
| 00:15:17> 00:15:21: | is part of Urban Partners, and Lissette Van Dorn, who's                      |
| 00:15:21> 00:15:23: | the chief exec of ULI in Europe.   |
| 00:15:24> 00:15:28: | Can I just start by asking each member of the                                |
| 00:15:28> 00:15:33: | panel to briefly introduce yourselves and just tell us what                  |
| 00:15:33> 00:15:37: | your biggest take away or surprise was from the 2024                         |
| 00:15:37> 00:15:39: | merging trends report?   |
| 00:15:39> 00:15:41: | Anna, can we start with you?   |
| 00:15:42> 00:15:43: | Good afternoon, everybody.   |
| 00:15:43> 00:15:45: | It's a pleasure to be here.  |
| 00:15:45> 00:15:46: | Thank you.   |
| 00:15:46> 00:15:51: | Yes, I'm representing Invesco Real Estate, a global<br>investment management |
| 00:15:51> 00:15:54: | company investing in direct real estate across the globe in                  |
| 00:15:54> 00:15:55: | in Europe.   |
| 00:15:55> 00:15:58: | We're actively managing about 15 billion.                                    |
| 00:16:00> 00:16:04: | Year under management and I'm responsible for coordinating asset management  |
| 00:16:04> 00:16:04: | activities.  |
| 00:16:06> 00:16:09: | What is a take away, maybe not a surprise.                                   |
| 00:16:09> 00:16:12: | I think it's hard to have a visibility beyond a                              |
| 00:16:12> 00:16:14: | few quarters or even few months.   |
| 00:16:15> 00:16:18: | The markets are very volatile and so do investors responses                  |
| 00:16:18> 00:16:21: | and some of them see the glass half empty, some                              |
| 00:16:21> 00:16:22: | of them see the glass.   |
| 00:16:23> 00:16:25: | How full I would like to be in the Slatter                                   |
| 00:16:25> 00:16:29: | Group and look forward to the near future where you                          |

| 00:16:29> 00:16:33: | could benefit from this market dislocation and find attractive investment |
|---------------------|---|
| 00:16:33> 00:16:34: | opportunities.  |
| 00:16:34> 00:16:35: | Thank you.  |
| 00:16:37> 00:16:37: | Great.  |
| 00:16:37> 00:16:38: | Thanks.   |
| 00:16:38> 00:16:38: | Thanks.   |
| 00:16:38> 00:16:38: | Anna.   |
| 00:16:40> 00:16:41: | I completely agree with you.  |
| 00:16:41> 00:16:43: | Humility is something that I think we all need to                         |
| 00:16:43> 00:16:45: | have a degree of as we as we deal with                                    |
| 00:16:45> 00:16:47: | the uncertainty ahead of us, Clemens.                                     |
| 00:16:49> 00:16:49: | Yeah.   |
| 00:16:49> 00:16:50: | Thank you, Simon.   |
| 00:16:50> 00:16:53: | Also I'm very happy to be here and my name                                |
| 00:16:53> 00:16:54: | is Clement Schaefer.  |
| 00:16:54> 00:16:58: | I'm heading the real estate team in Europe and in                         |
| 00:16:58> 00:17:02: | APAC for DWS, we are roughly managing 40 billion of                       |
| 00:17:02> 00:17:05: | assets in these two regions combined and.                                 |
| 00:17:08> 00:17:09: | You hear my voice is a little hoarse.                                     |
| 00:17:09> 00:17:12: | So I I I really hope that that will hold                                  |
| 00:17:12> 00:17:13: | until the end of this panel.  |
| 00:17:13> 00:17:18: | But what I found astonishing when I looked at the                         |
| 00:17:18> 00:17:23: | survey results was really the the high impact, the current                |
| 00:17:23> 00:17:28: | theme of interest rate hikes and inflation had also in                    |
| 00:17:28> 00:17:30: | the longer term.  |
| 00:17:30> 00:17:33: | So there was a differentiation between the impact for the.                |
| 00:17:33> 00:17:38: | You know 24/23/24 currently where we are and then forward-<br>looking     |
| 00:17:38> 00:17:42: | and I I think I have a quite different opinion.                           |
| 00:17:43> 00:17:47: | If the real estate industry isn't able to adjust in                       |
| 00:17:47> 00:17:50: | 23 and 24 to the higher for longer interest rate                          |
| 00:17:50> 00:17:55: | environment and to a more a slightly higher inflationary environment      |
| 00:17:55> 00:17:57: | then we are pretty dead in the water.                                     |
| 00:17:58> 00:17:58: | So.   |
| 00:17:58> 00:18:02: | So we better get that right over the course of                            |
| 00:18:02> 00:18:02: | 24.   |
| 00:18:03> 00:18:06: | And then actually a lot of things might be actually                       |
| 00:18:06> 00:18:09: | much more positive in 25 and going forward.                               |
| 00:18:10> 00:18:14: | So I personally think that concerns are overstated with with              |
| 00:18:14> 00:18:18: | regard to 24 five and onwards with regard to interest                     |
| 00:18:18> 00:18:23: | rates and inflation interest in clearance and I understand the            |

| 00:18:23> 00:18:27: | the theme of Expo this year was very much around                      |
|---------------------|---|
| 00:18:27> 00:18:30: | survive to 25 S not very much accords with.                           |
| 00:18:30> 00:18:31: | What you've what you've just said.                                    |
| 00:18:32> 00:18:36: | Manueli, please welcome to the welcome to the webinar.                |
| 00:18:36> 00:18:38: | How are you thinking about this?                                      |
| 00:18:38> 00:18:41: | Recently, good afternoon everyone.                                    |
| 00:18:42> 00:18:44: | I'm very happy to be here as well.                                    |
| 00:18:44> 00:18:47: | My name is Emmanuel, I'm a partner at Urban Partners,                 |
| 00:18:47> 00:18:49: | the Northern European Investment Manager.                             |
| 00:18:50> 00:18:54: | And within Urban Partners, I'm managing partner of Little Capital,    |
| 00:18:55> 00:18:58: | which is our alternative real estate credit business.                 |
| 00:19:00> 00:19:05: | I think following up from what both Anna and Clement                  |
| 00:19:05> 00:19:09: | said, it, it feels like the over ruling team in                       |
| 00:19:09> 00:19:13: | the report is that a lot of people are scared                         |
| 00:19:13> 00:19:17: | to catch a falling night or call in the market.                       |
| 00:19:17> 00:19:20: | And I think, I think we can look at the                               |
| 00:19:20> 00:19:24: | positive side from it in a way and also link                          |
| 00:19:24> 00:19:28: | to one of the interesting ports here at the beginning                 |
| 00:19:28> 00:19:30: | of your report which says.  |
| 00:19:31> 00:19:36: | Essentially, if we look at demographic, economical and social trends, |
| 00:19:36> 00:19:40: | those are telling us what tenant demands is and the                   |
| 00:19:40> 00:19:42: | strategy comes out of that.   |
| 00:19:43> 00:19:48: | We don't need to catch a falling night when it's                      |
| 00:19:48> 00:19:49: | on the floor.   |
| 00:19:50> 00:19:53: | Our job is not to tie the market to perfection,                       |
| 00:19:53> 00:19:56: | but find investment teams that are going to be viable,                |
| 00:19:56> 00:19:59: | viable and prudent for the medium to long term.                       |
| 00:20:00> 00:20:03: | And I think a lot of the teams in the                                 |
| 00:20:03> 00:20:06: | report are already outlining that there is a lot of                   |
| 00:20:06> 00:20:10: | health in real estate if we can invest prudently and                  |
| 00:20:10> 00:20:12: | with the right copy of structures.                                    |
| 00:20:13> 00:20:14: | Interesting.  |
| 00:20:14> 00:20:14: | Thank you.  |
| 00:20:14> 00:20:18: | And the set any, any surprises for you this year?                     |
| 00:20:20> 00:20:23: | Well, we've been working on this for a while, starting                |
| 00:20:23> 00:20:24: | already in summer.  |
| 00:20:24> 00:20:27: | So kind of I need to dig deep to kind                                 |
| 00:20:27> 00:20:27: | of reflect.   |
| 00:20:27> 00:20:30: | But I think what we found interesting if you look                     |
| 00:20:30> 00:20:34: | just at the survey results, which seem to be somewhat                 |
| 00:20:34> 00:20:37: | more positive than we've seen previous years.                         |

| 00:20:37> 00:20:40: | But if you then dig deeper and kind of go  |
|---------------------|--|
| 00:20:40> 00:20:44: | to what the interview feedback was, it's really not so   |
| 00:20:44> 00:20:48: | positive and it's it's that marketing in a complete stencil.   |
| 00:20:49> 00:20:52: | And to me that says almost there's a lot of  |
| 00:20:52> 00:20:56: | wishful thinking around where everybody kind of keen to tap  |
| 00:20:56> 00:21:01: | into the opportunity only looking externally like first interest   |
| 00:21:01> 00:21:05: | rates  |
| 00:21:06> 00:21:10: | need to stabilize even better if they decrease sort of.  |
| 00:21:10> 00:21:14: | But accepting the current situation, I'm not sure it's already<br>there if you look at the report, because there's a |
| 00:21:10> 00:21:14: | lot of looking elsewhere.  |
| 00:21:17> 00:21:18: | For things to change before we can act again And   |
| 00:21:20> 00:21:24: |  |
| 00:21:20> 00:21:24. | the other thing I would say if you then look   |
| 00:21:24> 00:21:27: | at as Iman Abella was also saying the the, the   |
|                     | demand drivers, they are so strong for real estate, so   |
| 00:21:32> 00:21:33: | much needs to happen.  |
| 00:21:34> 00:21:38: | There are so much fundamental demand and so much opportunity,  |
| 00:21:38> 00:21:41: | but kind of we seem to be sitting still for  |
| 00:21:41> 00:21:44: | it to kind of arrive at the doorstep.  |
| 00:21:47> 00:21:47: | Yeah.  |
| 00:21:47> 00:21:48: | Yeah, absolutely.  |
| 00:21:48> 00:21:52: | And I think it's maybe the confluence of these macro   |
| 00:21:52> 00:21:56: | mega forces that we refer to them as or structural   |
| 00:21:56> 00:22:00: | forces that is slightly complicating the the landscape somewhat.   |
| 00:22:02> 00:22:05: | So just picking up on your pointless set around sort   |
| 00:22:05> 00:22:06: | of demand and demand drivers.  |
| 00:22:06> 00:22:12: | I mean the Occupy markets have been relatively resilient in  |
| 00:22:12> 00:22:13: | this cycle.  |
| 00:22:15> 00:22:18: | And I just wonder whether if there is an impending   |
| 00:22:18> 00:22:21: | recession, I wonder whether this time it might be really   |
| 00:22:21> 00:22:25: | quite different given that in the past central banks have  |
| 00:22:25> 00:22:28: | always written to the support of economies in a recessionary   |
| 00:22:28> 00:22:31: | period, whereas this time it's the central banks who are   |
| 00:22:31> 00:22:35: | actually driving a recession, The slowdown, Clemens just telling to  |
| 00:22:35> 00:22:38: | you, how do you think a recession might impact the   |
| 00:22:38> 00:22:41: | robust occupied demand that we have been seeing?   |
| 00:22:43> 00:22:43: | Yeah.  |
| 00:22:44> 00:22:47: | Thank you for that question Simon and I, I think   |
| 00:22:47> 00:22:50: | Germany, I'm sitting here currently in Frankfurt.  |
| 00:22:51> 00:22:53: | Germany is currently in a recession.   |

| 00:22:54> 00:22:58: | And the the main facts currently if you look in                              |
|---------------------|--|
| 00:22:58> 00:23:03: | some figures is, is we had a reduction in in                                 |
| 00:23:03> 00:23:09: | unemployment rate, a reduction in unemployment rate, we have rising          |
| 00:23:09> 00:23:11: | tax revenues and.  |
| 00:23:11> 00:23:15: | That that makes me quite positive actually, right.                           |
| 00:23:15> 00:23:17: | So technically we're in a recession, correct.                                |
| 00:23:17> 00:23:20: | But people are not losing their their jobs.                                  |
| 00:23:21> 00:23:25: | That means, you know, there seems to not not be                              |
| 00:23:25> 00:23:30: | any mass layoffs which drive office occupancy further down.                  |
| 00:23:31> 00:23:35: | Let retail sales deteriorate and keeps the ability to hire,                  |
| 00:23:35> 00:23:39: | hire to pay higher residential rents, right and I could                      |
| 00:23:39> 00:23:42: | continue about the leisure of sectors and so forth.                          |
| 00:23:43> 00:23:50: | So overall I am I'm, I'm not so pessimistic.                                 |
| 00:23:50> 00:23:53: | If there is a recession, it will be quite shallow                            |
| 00:23:53> 00:23:57: | and it will be more technical in nature and given                            |
| 00:23:57> 00:23:58: | the substantial.   |
| 00:23:59> 00:24:03: | Reduction in development pipeline, we're in a completely different state     |
| 00:24:03> 00:24:06: | of repair as compared to the global financial crisis, right.                 |
| 00:24:06> 00:24:10: | So we're deep recession hit an over building in virtually                    |
| 00:24:10> 00:24:15: | all sectors from Spanish Spanish residential to retail across<br>Europe      |
| 00:24:15> 00:24:17: | and office as well, right.   |
| 00:24:17> 00:24:22: | So we're in completely different situation, very, very controlled completion |
| 00:24:22> 00:24:24: | rates over the previous years and.   |
| 00:24:25> 00:24:27: | If a recession, then more a shallow 1, so I                                  |
| 00:24:28> 00:24:32: | don't see the healthy economic situation, the occupational markets do        |
| 00:24:32> 00:24:34: | it materially deteriorate?   |
| 00:24:35> 00:24:36: | Yeah.  |
| 00:24:36> 00:24:37: | It does feel very different this time.                                       |
| 00:24:37> 00:24:40: | And to your point that moving into the GFC that's                            |
| 00:24:41> 00:24:44: | a supply demand dynamic was was very different with most                     |
| 00:24:44> 00:24:48: | markets being quite significantly overbuilt and it was a real,               |
| 00:24:48> 00:24:51: | it was a real difference among well, how, how are                            |
| 00:24:51> 00:24:52: | you?   |
| 00:24:53> 00:24:56: | Thinking about occupier markets, are you worried about                       |
|                     | recession?   |
| 00:25:00> 00:25:03: | I I I wouldn't say worry that.   |
| 00:25:03> 00:25:07: | I think, I think either a technical recession or a                           |
| 00:25:07> 00:25:11: | stagnation is already baked into the numbers.                                |

| 00:25:11> 00:25:14: | Everybody's running when doing investment analysis.                              |
|---------------------|--|
| 00:25:15> 00:25:18: | And also countries that are not in recession like Germany                        |
| 00:25:18> 00:25:21: | have been through, have been going through a stagnation for                      |
| 00:25:21> 00:25:21: | a while.   |
| 00:25:22> 00:25:27: | So in a way when I look at macroeconomic expectations                            |
| 00:25:27> 00:25:31: | and the impact they have on occupier markets on the                              |
| 00:25:31> 00:25:36: | commercial side of things, I think there has to be                               |
| 00:25:36> 00:25:39: | a flight to quality and there has to be a  |
| 00:25:39> 00:25:45: | flight to occupiers that can sustain long term occupancy and                     |
| 00:25:45> 00:25:49: | there is to be a movement away from single tenant                                |
| 00:25:49> 00:25:53: | occupancy, especially when it comes to office.                                   |
| 00:25:54> 00:25:59: | On the residential side, the main point of analysis has                          |
| 00:25:59> 00:26:01: | to be affordability.   |
| 00:26:02> 00:26:05: | Residential has been sustained by for a very long term,                          |
| 00:26:06> 00:26:09: | long time by rental growth which might or might not                              |
| 00:26:09> 00:26:12: | be sustainable in the long term.   |
| 00:26:13> 00:26:17: | So I take a lot of comfort from what Clements                                    |
| 00:26:17> 00:26:21: | has said that having a lot of investments in Germany,                            |
| 00:26:21> 00:26:25: | even if the economy is not performing then tax intake                            |
| 00:26:26> 00:26:30: | is increasing which might lead to support programs in case                       |
| 00:26:30> 00:26:34: | there is there are issues in terms of probability.                               |
| 00:26:36> 00:26:38: | Yeah, I I wouldn't to an extent we we need                                       |
| 00:26:38> 00:26:41: | a new playbook now to help us think about the                                    |
| 00:26:41> 00:26:43: | macro and and how it translates.   |
| 00:26:43> 00:26:44: | I mean just looking at the current rates of.                                     |
| 00:26:45> 00:26:48: | Of unemployment across most of Europe, the level of interest                     |
| 00:26:48> 00:26:52: | rates and inflation would typically imply much higher rates of                   |
| 00:26:52> 00:26:55: | unemployment than those that we're seeing.                                       |
| 00:26:55> 00:26:57: | So the economies are proving proved to be a lot                                  |
| 00:26:57> 00:26:58: | more resilient.  |
| 00:26:59> 00:27:03: | Anna, how are you thinking about your positioning in the                         |
| 00:27:03> 00:27:05: | face of a recession?   |
| 00:27:05> 00:27:08: | Or are you already well positioned to to weather the                             |
| 00:27:08> 00:27:09: | storm?   |
| 00:27:11> 00:27:16: | So well, I don't think anybody's well positioned to this                         |
| 00:27:16> 00:27:22: | situation and obviously we are carefully analysing the investment opportunities. |
| 00:27:22> 00:27:26: | I guess the era of simple real estate transaction were                           |
| 00:27:26> 00:27:29: | cheap depth towards the main driver is no longer there                           |
| 00:27:29> 00:27:33: | and and both investors and the investors advisors need to                        |
| 00:27:33> 00:27:37: | be much more sophisticated and have to create a robust                           |
| 00:27:37> 00:27:38: | business plans in order to.  |

| 00:27:39> 00:27:44: | Progress with with any acquisition clearly at the moment the   |
|---------------------|--|
| 00:27:44> 00:27:49: | the real estate expects some premium versus the other          |
| 00.27.44> 00.27.43. | classes  |
| 00:27:49> 00:27:55: | of assets because the attractiveness, the relative             |
|                     | attractiveness of real   |
| 00:27:55> 00:27:59: | estate as as investment class versus for example securities.   |
| 00:28:00> 00:28:03: | There is at the moment under under big question mark.          |
| 00:28:04> 00:28:09: | I think the the debt strategies, they definitely have their    |
| 00:28:09> 00:28:14: | rosy time, time and there will be plenty of opportunities      |
| 00:28:14> 00:28:20: | for refinancing, recapitalizing, repositioning of of different |
|                     | projects.  |
| 00:28:21> 00:28:24: | I think the trend also is that the landlords would             |
| 00:28:24> 00:28:27: | need to take much more operational risk, which is not          |
| 00:28:27> 00:28:30: | always something that they wish for or they have to            |
| 00:28:30> 00:28:31: | internal competence.   |
| 00:28:31> 00:28:35: | But I think Garth mentioned that in in his presentation.       |
| 00:28:35> 00:28:40: | But without that you cannot get really the the competitive     |
| 00:28:40> 00:28:40: | advantage.   |
| 00:28:41> 00:28:45: | At Invesco, we tend to kind of drive our investment            |
| 00:28:45> 00:28:49: | decision by the underlying secular trends both in sectors and  |
| 00:28:49> 00:28:51: | the ending the region regions.                                 |
| 00:28:51> 00:28:54: | And I think this will stay as it is for                        |
| 00:28:54> 00:28:57: | the next at least couple of years where we're not              |
| 00:28:57> 00:28:59: | going to change this approach.                                 |
| 00:29:01> 00:29:05: | And also obviously the ES GS have fundamental part of          |
| 00:29:05> 00:29:06: | everything we do.  |
| 00:29:07> 00:29:11: | ES, GS part of the investment decision process not only        |
| 00:29:11> 00:29:15: | for us but probably for many other investors as well           |
| 00:29:15> 00:29:17: | and and we have put a bar very high.                           |
| 00:29:17> 00:29:21: | So basically either you buying best in class in terms          |
| 00:29:21> 00:29:24: | of ESG credentials or you have a fantastic business plan       |
| 00:29:24> 00:29:27: | to get you this asset there to this level.                     |
| 00:29:29> 00:29:30: | Yeah, interesting.   |
| 00:29:30> 00:29:33: | We managed to get in 15 minutes into the panel                 |
| 00:29:33> 00:29:34: | before ESG was mentioned.                                      |
| 00:29:34> 00:29:35: | I think that has to be.  |
| 00:29:36> 00:29:37: | There has to be a record.                                      |
| 00:29:37> 00:29:39: | I think while whilst we're on that let's explore this          |
| 00:29:39> 00:29:40: | a little bit more.   |
| 00:29:40> 00:29:44: | The set just turning to you in in Europe, the                  |
| 00:29:44> 00:29:48: | the ULI has been getting a lot of traction around              |
| 00:29:48> 00:29:50: | it sort of sea change initiative.                              |
| 00:29:52> 00:29:55: | Where do you think the industry should be focusing in          |
|                     |  |

| 00:29:55> 00:29:57: | order to accelerate that transition?                                   |
|---------------------|--|
| 00:29:57> 00:30:00: | Because yeah, I was at your, I was at your                             |
| 00:30:00> 00:30:04: | summit in in Copenhagen recently and although in real estate           |
| 00:30:04> 00:30:05: | we're making.  |
| 00:30:06> 00:30:08: | Phenomenal progress to decarbonize.                                    |
| 00:30:08> 00:30:12: | We're still way off track to achieve Net 0 by                          |
| 00:30:12> 00:30:12: | 2050.  |
| 00:30:15> 00:30:19: | I I unfortunately, I agree with that and actually officially           |
| 00:30:19> 00:30:22: | we're still in moving in the wrong direction.                          |
| 00:30:22> 00:30:25: | We're not the only industry moving in the wrong direction,             |
| 00:30:25> 00:30:25: | but we are.  |
| 00:30:26> 00:30:30: | So everything that we're doing right now is not enough                 |
| 00:30:30> 00:30:34: | to kind of really significantly reduce emissions.                      |
| 00:30:37> 00:30:38: | A couple of things.  |
| 00:30:38> 00:30:41: | I think there's a real opportunity to look at decarbonisation          |
| 00:30:42> 00:30:45: | amidst those structural trends and what needs to happen with           |
| 00:30:45> 00:30:47: | our building stock.  |
| 00:30:47> 00:30:50: | Often when we look at it in isolation, we just                         |
| 00:30:50> 00:30:54: | consider the costs and it's short term cost and not                    |
| 00:30:54> 00:30:58: | really sure what the long term value of that is                        |
| 00:30:58> 00:31:02: | that still we hear things about green premiums, brand discounts,       |
| 00:31:02> 00:31:03: | but it's still.  |
| 00:31:04> 00:31:08: | Very blurred with often being new buildings in the best                |
| 00:31:08> 00:31:08: | locations.   |
| 00:31:09> 00:31:13: | So what is exactly that's green element I think by                     |
| 00:31:13> 00:31:19: | looking at it from the transformational perspective and then mixed-use |
| 00:31:19> 00:31:24: | increasing density etcetera what we need in cities anyway it           |
| 00:31:24> 00:31:27: | becomes much easier to include it.                                     |
| 00:31:28> 00:31:31: | But I think it and it also goes for the                                |
| 00:31:31> 00:31:32: | wider ESG is.  |
| 00:31:33> 00:31:36: | We need to look at it from an integral perspective,                    |
| 00:31:37> 00:31:41: | just not looking at the E separately, the S separately,                |
| 00:31:41> 00:31:45: | because also we don't get the decarbonization right.                   |
| 00:31:45> 00:31:49: | There's a big risk it will further increase the social                 |
| 00:31:49> 00:31:51: | divide we already see in cities.                                       |
| 00:31:51> 00:31:55: | And therefore, I think it's really important to look at                |
| 00:31:55> 00:31:59: | what the costs are, what the potential benefits are, who               |
| 00:31:59> 00:32:02: | kind of where do those benefits.                                       |
| 00:32:02> 00:32:07: | Arrive and kind of share the bigger picture.                           |
| 00:32:07> 00:32:11: | That sounds a bit fake probably and conceptual, but on                 |

| 00:32:11> 00:32:14: | a lot of cases I'm not talking the easy ones,                        |
|---------------------|--|
| 00:32:14> 00:32:18: | the CBD offices, the high end residential where kind of              |
| 00:32:18> 00:32:22: | the cost to decarbonize is relatively low versus the the             |
| 00:32:22> 00:32:26: | value of the building and the value of the land.                     |
| 00:32:26> 00:32:29: | It's really about the more complicated.                              |
| 00:32:30> 00:32:34: | Maybe somewhat edge of city centre, suburban offices, social and     |
| 00:32:34> 00:32:35: | affordable housing.  |
| 00:32:36> 00:32:39: | Those are the areas we really need to look at                        |
| 00:32:39> 00:32:44: | and work together, public and private sector to achieve this.        |
| 00:32:44> 00:32:47: | And I'm sure it's possible, but we we really need                    |
| 00:32:47> 00:32:48: | to scale up.   |
| 00:32:48> 00:32:51: | And the last thing I would say, and it's not                         |
| 00:32:51> 00:32:55: | only about just looking at the cost of decarbonization, building     |
| 00:32:55> 00:32:59: | the business case better, there was and Garrett presented that.      |
| 00:32:59> 00:33:05: | I think over 75% of respondents didn't think current valuations      |
| 00:33:05> 00:33:09: | reflected properly all the challenges that exist.                    |
| 00:33:10> 00:33:12: | I think we have to use our common sense and                          |
| 00:33:12> 00:33:15: | look, and I know how many people are already doing                   |
| 00:33:15> 00:33:18: | that, but look at what is the real value, What                       |
| 00:33:18> 00:33:18: | is in here?  |
| 00:33:18> 00:33:22: | And that's not just decarbonization, it's also physical climate risk |
| 00:33:22> 00:33:24: | and it's social elements.  |
| 00:33:24> 00:33:27: | And then look at starting there.                                     |
| 00:33:27> 00:33:29: | What is the business case?   |
| 00:33:29> 00:33:31: | And it becomes easier to make it.                                    |
| 00:33:31> 00:33:34: | And the other thing I think we need to start                         |
| 00:33:35> 00:33:39: | focusing on is carbon pricing, because you're only focused on        |
| 00:33:39> 00:33:41: | the cost of decarbonization.   |
| 00:33:41> 00:33:45: | There's also the cost of the externalities, and if we                |
| 00:33:45> 00:33:47: | don't do it, someone else will.                                      |
| 00:33:48> 00:33:49: | Yeah, interesting.   |
| 00:33:49> 00:33:52: | I think the report very clearly.                                     |
| 00:33:53> 00:33:56: | Has a focus on that sort of social aspect of                         |
| 00:33:56> 00:33:59: | of real estate and there's a great quote in the                      |
| 00:33:59> 00:34:03: | report that's that's goes something like the people who will         |
| 00:34:03> 00:34:06: | make money over the next decade will be those who                    |
| 00:34:06> 00:34:08: | solve the problems of of society.                                    |

| 00:34:09> 00:34:12: | So maybe we are starting to see that narrative switch                |
|---------------------|--|
| 00:34:12> 00:34:15: | from the E to the S on the basis that                                |
| 00:34:15> 00:34:18: | the S what you can't do the S without the                            |
| 00:34:18> 00:34:20: | E So it's a fundamental part of of of how                            |
| 00:34:20> 00:34:22: | we do ultimately decarbonize.  |
| 00:34:23> 00:34:27: | Clements how, how, How did DWS think about real estate               |
| 00:34:27> 00:34:28: | and the energy transition?   |
| 00:34:28> 00:34:32: | And where do you see the greatest opportunities emerging from        |
| 00:34:32> 00:34:36: | the decarbonisation of the the built environment?                    |
| 00:34:37> 00:34:37: | Yeah.  |
| 00:34:38> 00:34:41: | Thank you for giving me an E question and not                        |
| 00:34:41> 00:34:43: | an S Yeah, so that's the thanks for that.                            |
| 00:34:43> 00:34:47: | So yeah, couple things are wide.                                     |
| 00:34:48> 00:34:50: | Quite obvious, yeah.   |
| 00:34:50> 00:34:54: | You know if you're an investment manager and you're predominantly    |
| 00:34:54> 00:34:57: | active core, core plus you got you got an ageing                     |
| 00:34:57> 00:35:00: | portfolio, what is your investors?                                   |
| 00:35:00> 00:35:03: | What are your investors actually expecting of you?                   |
| 00:35:03> 00:35:08: | Is it to basically sell now into the market and                      |
| 00:35:08> 00:35:12: | or to take on the challenge to reposition these assets               |
| 00:35:12> 00:35:17: | and take on the the decarbonisation challenge yourself?              |
| 00:35:18> 00:35:21: | If you look into the market right now for your                       |
| 00:35:21> 00:35:24: | existing stock, I'm sure every manager has that there are            |
| 00:35:24> 00:35:27: | a couple buildings which need which which are in dire                |
| 00:35:27> 00:35:28: | need of CapEx.   |
| 00:35:29> 00:35:33: | And sometimes you know clients want to sell, wanted to               |
| 00:35:33> 00:35:36: | have sold that that's becomes it becomes sold.                       |
| 00:35:37> 00:35:40: | Sometimes you ask for service redemptions or whatever.               |
| 00:35:40> 00:35:43: | But if you are actually in a position that you                       |
| 00:35:43> 00:35:45: | can take your fate in your own hand, I think                         |
| 00:35:45> 00:35:49: | investment managers are very well posi should actually take<br>on    |
| 00:35:49> 00:35:52: | the challenge and internalise that's what we do.                     |
| 00:35:52> 00:35:56: | So we we haven't sold for for quite a while                          |
| 00:35:56> 00:35:56: | and.   |
| 00:35:57> 00:35:59: | Let's take older office asset.                                       |
| 00:35:59> 00:36:03: | Actually we have gone through the brain damage of of                 |
| 00:36:03> 00:36:08: | getting our head around and repositioning these buildings because if |
| 00:36:08> 00:36:12: | you think about the alternative, you can either sell to              |
| 00:36:12> 00:36:17: | a a cost of capital investor somewhere between 15 and                |

| 00:36:17> 00:36:21: | 20% of course IR or you internalize, internalize that within         |
|---------------------|--|
| 00:36:21> 00:36:24: | within your within your remit.                                       |
| 00:36:24> 00:36:28: | So that that's something where I think two things really             |
| 00:36:28> 00:36:29: | come together.   |
| 00:36:30> 00:36:34: | One, an idea to strengthen returns in accordance with the            |
| 00:36:34> 00:36:36: | mandate given by the investor.                                       |
| 00:36:37> 00:36:43: | And 2nd, actually to take on the challenge of decarbonisation        |
| 00:36:43> 00:36:49: | and and to accelerate basically the speed of of decarbonisation.     |
| 00:36:51> 00:36:53: | Well, that that's within the existing product range.                 |
| 00:36:54> 00:36:54: | And that's a bulk.   |
| 00:36:54> 00:36:57: | And that's where the battle is lost or won, right?                   |
| 00:36:57> 00:37:02: | Because from today until 2050, we will probably build another        |
| 00:37:03> 00:37:04: | 2025% of stock.  |
| 00:37:05> 00:37:07: | So if we are unable to decarbonize what we already                   |
| 00:37:07> 00:37:09: | have, we won't get there.  |
| 00:37:09> 00:37:12: | Right, absolutely.   |
| 00:37:12> 00:37:14: | And I think the the statistic that I saw, I                          |
| 00:37:14> 00:37:17: | think it was the IEA that 75% of the stock                           |
| 00:37:17> 00:37:20: | that will exist in 2050 already exists today.                        |
| 00:37:20> 00:37:22: | So that's.   |
| 00:37:22> 00:37:25: | It's completely supports what you're what you're saying we just      |
| 00:37:25> 00:37:27: | can't we can't build our way to net to net                           |
| 00:37:27> 00:37:27: | zero.  |
| 00:37:29> 00:37:32: | Well how how are you thinking about decarbonisation and and          |
| 00:37:32> 00:37:35: | again focus on OK, well what are those, what are                     |
| 00:37:35> 00:37:39: | the opportunities that that that their structural one way structural |
| 00:37:39> 00:37:41: | trend is likely to to throw up.                                      |
| 00:37:42> 00:37:45: | Yeah, I I think all I heard so far is                                |
| 00:37:45> 00:37:48: | honestly music to my ears because as a group we've                   |
| 00:37:48> 00:37:52: | been and I would dare say obsessed about the transition              |
| 00:37:53> 00:37:54: | for a very long time.  |
| 00:37:55> 00:37:59: | And everything we do is geared in a way towards                      |
| 00:37:59> 00:38:01: | urban transition.  |
| 00:38:01> 00:38:05: | Not only because we think it's the right thing to                    |
| 00:38:05> 00:38:09: | do, but also because we think it's good business and                 |
| 00:38:09> 00:38:13: | it significantly impacts the risk written profile of our investments |
| 00:38:14> 00:38:18: | in a way borrowing Lizard's point on holistic approach on            |
| 00:38:18> 00:38:19: | urban environment.   |

| 00:38:19> 00:38:22: | So that is why we have structured the way we                                |
|---------------------|---|
| 00:38:22> 00:38:22: | are.  |
| 00:38:22> 00:38:25: | We are, we think that there is a lot that                                   |
| 00:38:25> 00:38:29: | can be done in real estate, but real estate alone                           |
| 00:38:29> 00:38:33: | will not be enough to achieve the targets we have.                          |
| 00:38:33> 00:38:38: | You will need technology, you will need new energy, you                     |
| 00:38:38> 00:38:44: | will need a number of different items and investment investment             |
| 00:38:44> 00:38:49: | classes that all in around the urban environment and and                    |
| 00:38:49> 00:38:54: | we are trying to capture those synergies and on I'm                         |
| 00:38:54> 00:38:59: | following up on Clemens Point, I think it's very important                  |
| 00:38:59> 00:39:04: | that the sector as all stops talking about brown to                         |
| 00:39:04> 00:39:09: | green and actually shows that we can deliver brown to                       |
| 00:39:09> 00:39:10: | green.  |
| 00:39:11> 00:39:13: | And that is what we are also trying to do                                   |
| 00:39:13> 00:39:14: | internally.   |
| 00:39:16> 00:39:23: | It's retrofitting an existing building is unquestionably a better situation |
| 00:39:23> 00:39:29: | in terms of decarbonisation than demolishing an old one and                 |
| 00:39:29> 00:39:30: | rebuilding it.  |
| 00:39:32> 00:39:34: | So that's that's where we all need to get better.                           |
| 00:39:37> 00:39:37: | Yeah, interesting.  |
| 00:39:37> 00:39:41: | And it's a fundamentally different way of thinking about the                |
| 00:39:41> 00:39:44: | the risk and return profile of real estate than we                          |
| 00:39:44> 00:39:46: | did even five, five years ago.  |
| 00:39:48> 00:39:51: | Anna, So turning to you, you raised ESG first, and                          |
| 00:39:51> 00:39:55: | what are investigators doing to sort of make an impact                      |
| 00:39:55> 00:39:58: | and what do you think we should be doing more                               |
| 00:39:58> 00:39:58: | of?   |
| 00:40:02> 00:40:05: | Yes, I I believe that we are fairly advanced with                           |
| 00:40:05> 00:40:08: | with ESG implementation not only at the strategy level but                  |
| 00:40:08> 00:40:10: | actually at the asset level.  |
| 00:40:10> 00:40:13: | This is not something new and we've been working on                         |
| 00:40:13> 00:40:15: | on that for, for several years.   |
| 00:40:15> 00:40:20: | So starting from the basic things like data collection, going               |
| 00:40:20> 00:40:25: | through the net 0 audit process, incorporating ESG into investment          |
| 00:40:25> 00:40:30: | decision process, cram analysis and actually the the the assets             |
| 00:40:30> 00:40:35: | CapEx business plan to improve the the credentials is<br>something          |
| 00:40:35> 00:40:38: | that that we do and I'm sure many peers do                                  |
| 00:40:38> 00:40:40: | have similar approach.  |

| 00:40:41> 00:40:44: | However, not everything is straightforward and I I'd like to        |
|---------------------|---|
| 00:40:44> 00:40:47: | just give a couple of examples from the asset management            |
| 00:40:47> 00:40:47: | perspective.  |
| 00:40:48> 00:40:52: | So firstly, something that Lisa had mentioned, valuations do not    |
| 00:40:52> 00:40:57: | yet reflect the the full challenges of the ESG transition.          |
| 00:40:57> 00:41:01: | I have a feeling that actually valuers are struggling, how          |
| 00:41:01> 00:41:04: | to get a single a clear guidance how those risks                    |
| 00:41:04> 00:41:07: | should be valued or or even reported.                               |
| 00:41:07> 00:41:11: | And there is like a potential asset obsolescence as a               |
| 00:41:11> 00:41:17: | as a big risk probably significantly undervalued at this stage.     |
| 00:41:17> 00:41:22: | Secondly, the whole thing about of regulations, regulations need to |
| 00:41:22> 00:41:25: | be as the front of all this transformation.                         |
| 00:41:25> 00:41:29: | And there are a lot of like practical problems with                 |
| 00:41:29> 00:41:32: | simple things like you know signing the green contract on           |
| 00:41:32> 00:41:36: | the photovoltaic panels on the roof, consuming the energy on        |
| 00:41:36> 00:41:40: | sign, being the distributor, the landlord, a lot of problems        |
| 00:41:40> 00:41:42: | around fairly simple thing.   |
| 00:41:42> 00:41:45: | So the regulations have to be more robust and there                 |
| 00:41:45> 00:41:48: | is a clearly a role role for the regulators to                      |
| 00:41:49> 00:41:51: | to speed up and and give a clear guidance.                          |
| 00:41:52> 00:41:56: | And finally there is this dilemma that I was thinking               |
| 00:41:56> 00:42:00: | about that for many investors and investment managers they they     |
| 00:42:00> 00:42:05: | are supposed to report on a short term performance quarterly,       |
| 00:42:05> 00:42:08: | annually, they need to deliver financial results.                   |
| 00:42:08> 00:42:12: | Whereas with the ESG it's all about you know, long                  |
| 00:42:12> 00:42:15: | term plan, long term potential improvements.                        |
| 00:42:15> 00:42:16: | You need to spend a lot of money.                                   |
| 00:42:16> 00:42:19: | You need to have a plan of the CapEx in                             |
| 00:42:19> 00:42:22: | order to get something at the end or perhaps perhaps                |
| 00:42:22> 00:42:25: | in order to protect the value from falling down.                    |
| 00:42:26> 00:42:30: | And there is this dilemma between between you know those            |
| 00:42:30> 00:42:32: | those two streams.  |
| 00:42:32> 00:42:35: | Do I need to report my financials and my here                       |
| 00:42:35> 00:42:38: | and now performance or do I take a hit now                          |
| 00:42:38> 00:42:42: | and underperform for a while, but maybe we'll get the               |
| 00:42:42> 00:42:44: | better result in the future.  |
| 00:42:44> 00:42:48: | This is something that clearly is there and there has               |
| 00:42:48> 00:42:49: | to be a lot of more.  |
| 00:42:49> 00:42:52: | There have to be a lot of more KPIs embedded                        |

| 00:42:52> 00:42:57: | at the strategic level of the corporates, not only real                       |
|---------------------|---|
| 00:42:57> 00:43:01: | estate, to basically motivate decision makers to invest.                      |
| 00:43:02> 00:43:03: | Yeah, absolutely.   |
| 00:43:03> 00:43:06: | Completely agree around the, the measurement, the measurement piece.          |
| 00:43:06> 00:43:09: | And you know, I think maybe we're moving into an                              |
| 00:43:09> 00:43:14: | environment where you know, traditional benchmarking doesn't really serve the |
| 00:43:14> 00:43:17: | purpose that we need it to, to serve if we                                    |
| 00:43:17> 00:43:21: | are to make progress along that decarbonisation path to to                    |
| 00:43:21> 00:43:21: | 2050.   |
| 00:43:23> 00:43:26: | So how how are these challenges actually reflected in your?                   |
| 00:43:27> 00:43:32: | Specific strategies So are you now thinking about how you                     |
| 00:43:32> 00:43:37: | weight your portfolios differently today than how we would have               |
| 00:43:38> 00:43:40: | done pre pre COVID Clemens?   |
| 00:43:40> 00:43:41: | That one's you.   |
| 00:43:42> 00:43:44: | We COVID.   |
| 00:43:44> 00:43:44: | All right.  |
| 00:43:47> 00:43:50: | So first of all, thank you.   |
| 00:43:50> 00:43:51: | You know I.   |
| 00:43:52> 00:43:54: | From training, I'm economist, yeah.   |
| 00:43:54> 00:43:57: | So I, I, I always ask myself, is this a                                       |
| 00:43:57> 00:44:00: | complete disruption or is it a parallel shift?                                |
| 00:44:01> 00:44:04: | And as hard as hard as it feels right now                                     |
| 00:44:05> 00:44:10: | that increases in interest rates and inflation are a parallel                 |
| 00:44:10> 00:44:13: | shift and not the disruption.   |
| 00:44:14> 00:44:18: | Yeah, it creates this, it creates distress, but that.                         |
| 00:44:19> 00:44:23: | Shouldn't over over paint basically the the, the situation that               |
| 00:44:23> 00:44:26: | we're in a in a parallel shift scenario for for                               |
| 00:44:26> 00:44:27: | in general.   |
| 00:44:28> 00:44:33: | So therefore the the way to judge about investments in                        |
| 00:44:33> 00:44:36: | our view is, is still it needs to drive on                                    |
| 00:44:36> 00:44:42: | a relative basis versus other asset classes attractive risk adjusted          |
| 00:44:42> 00:44:43: | returns.  |
| 00:44:44> 00:44:48: | And ESG, well we we tried to move actually away                               |
| 00:44:48> 00:44:51: | from from the term ESG and because we say it's                                |
| 00:44:51> 00:44:54: | part of our decision making therefore therefore we try to                     |
| 00:44:55> 00:44:56: | avoid that nomenclature.  |
| 00:44:57> 00:45:05: | But effectively the the the biggest disruptional effect I've seen,            |
| 00:45:05> 00:45:11: | we we we've noticed since since since COVID is, it's                          |

| 00:45:11> 00:45:12: | not.  |
|---------------------|---|
| 00:45:12> 00:45:16: | And as I said the the interest rates and the                        |
| 00:45:16> 00:45:21: | and the inflation, it's probably the work from home for             |
| 00:45:21> 00:45:26: | the office sector and that's where we think the impact              |
| 00:45:26> 00:45:31: | on the sector's probably the the biggest however it's it's          |
| 00:45:31> 00:45:32: | bifurcating right.  |
| 00:45:32> 00:45:37: | So, you know, certain office locations are the the winners          |
| 00:45:37> 00:45:39: | and others are the losers, right?                                   |
| 00:45:39> 00:45:40: | So.   |
|                     |   |
| 00:45:41> 00:45:43: | I want to leave a little space for the others                       |
| 00:45:44> 00:45:46: | if you if you intend to pass that question around                   |
| 00:45:47> 00:45:49: | right I could go on for ages but but generally                      |
| 00:45:49> 00:45:52: | speaking you know it's we're it's in a parallel shift               |
| 00:45:52> 00:45:56: | and the disruption is probably the the hardest in the               |
| 00:45:56> 00:45:58: | in the in the office sector on the niche I                          |
| 00:45:58> 00:46:01: | would leave the niche sectors for my fellows here on                |
| 00:46:01> 00:46:02: | the on the pen.   |
| 00:46:03> 00:46:04: | Very thoughtful, Clemence.  |
| 00:46:04> 00:46:06: | Thanks Manuela.   |
| 00:46:07> 00:46:09: | So as you think about what sort of?                                 |
| 00:46:10> 00:46:13: | Balance diversified exposure might look like for for real estate    |
| 00:46:13> 00:46:16: | as you know the report is telling us that and                       |
| 00:46:16> 00:46:18: | as it has done over the last the last few                           |
| 00:46:18> 00:46:19: | years.  |
| 00:46:19> 00:46:22: | Now that you know the winning sectors are inverted common           |
| 00:46:22> 00:46:25: | as the alternative sectors and we won't debate whether they         |
| 00:46:25> 00:46:27: | should be called alternatives or not.                               |
| 00:46:28> 00:46:33: | But has your view of balanced exposures fundamentally changed?      |
| 00:46:36> 00:46:37: | Yeah, I think.  |
| 00:46:40> 00:46:44: | I think if I look at our investment criteria pre                    |
| 00:46:44> 00:46:49: | COVID, we were already very much focused on alternative residential |
| 00:46:49> 00:46:53: | for example and all the subsets that you can find                   |
| 00:46:53> 00:46:55: | that within that.   |
| 00:46:55> 00:46:59: | So I think in a way we believed into a                              |
| 00:46:59> 00:47:04: | big a big component of what the alternatives were already           |
| 00:47:04> 00:47:07: | before COVID, I think.  |
| 00:47:08> 00:47:12: | I I think what has changed over the last 18                         |
| 00:47:12> 00:47:16: | months is how you look at the capital structure of                  |
| 00:47:16> 00:47:22: | your investments rather than asset classes and how                  |
|                     | fortunately speculative   |

| 00:47:23> 00:47:27: | approach to real estate is probably off the table now                     |
|---------------------|---|
| 00:47:27> 00:47:30: | and we need to go back to the basics and                                  |
| 00:47:30> 00:47:35: | create values based on what our tenants want and need.                    |
| 00:47:37> 00:47:40: | In terms of asset classes, I think I like to                              |
| 00:47:40> 00:47:44: | take a slightly more contrarian position when it comes to                 |
| 00:47:44> 00:47:45: | office.   |
| 00:47:47> 00:47:53: | I think there are clear differences between most European                 |
|                     | centres   |
| 00:47:53> 00:47:56: | and the and the largest US office markets.                                |
| 00:47:58> 00:47:59: | But you want to be.   |
| 00:48:00> 00:48:03: | Central in a modern asset which is multi tenant and                       |
| 00:48:03> 00:48:07: | provides services over and above what the old office used                 |
| 00:48:07> 00:48:07: | to be.  |
| 00:48:09> 00:48:11: | In that case, I think it's a it's a good                                  |
| 00:48:11> 00:48:13: | place to be at the moment.  |
| 00:48:14> 00:48:18: | Yeah, I don't think the other the theme that we're                        |
| 00:48:18> 00:48:21: | hearing here is one of huge dispersion, no, not just                      |
| 00:48:21> 00:48:24: | between locations but also between assets.                                |
| 00:48:26> 00:48:30: | And am I willing just why we've got you so,                               |
| 00:48:30> 00:48:34: | so do you think we're likely to see that famed                            |
| 00:48:34> 00:48:37: | wave of distress as we move into 2024?                                    |
| 00:48:37> 00:48:39: | I know a bit of a switch to sort of                                       |
| 00:48:39> 00:48:41: | a bit more of a capital markets focus as we                               |
| 00:48:41> 00:48:42: | start to wrap up.   |
| 00:48:43> 00:48:45: | Yeah, it's a very good question and as most good                          |
| 00:48:45> 00:48:48: | questions it doesn't have a simple answer.                                |
| 00:48:49> 00:48:53: | My my personal view is that if.   |
| 00:48:54> 00:48:57: | With wave of distress, we expect a huge volumes of                        |
| 00:48:58> 00:49:02: | quality income producing real estate coming to market at discounted       |
| 00:49:03> 00:49:03: | prices.   |
| 00:49:03> 00:49:07: | We are never going to see that and fortunately we                         |
| 00:49:07> 00:49:12: | are never going to see that because that will create                      |
| 00:49:12> 00:49:16: | a much larger systemic crisis when it comes to the                        |
| 00:49:16> 00:49:18: | financial sector on.  |
| 00:49:19> 00:49:23: | More timid but very active way.   |
| 00:49:23> 00:49:28: | I think we are already seeing significant distress in the                 |
| 00:49:28> 00:49:34: | market with ongoing and existing development specifically but also income |
| 00:49:34> 00:49:36: | producing portfolios.   |
| 00:49:36> 00:49:40: | So that require refinancing going to look for equity and                  |
| 00:49:40> 00:49:45: | that at terms that would have been unacceptable just six                  |
| 00:49:45> 00:49:46: | months ago.   |

| 00:49:47> 00:49:52:<br>00:49:52> 00:49:56:<br>00:49:57> 00:50:00: | Often disguise the by structuring to try and pretend that<br>the mark is still higher than what it really is.<br>So in a way, if people are waiting on the |
|---|--|
| 00:50:00> 00:50:04:<br>00:50:04> 00:50:08:                        | side of the river for the opportunity of a lifetime,<br>either it's not going to happen or someone will have   |
| 00:50:08> 00:50:10:   | matched it way up river.   |
| 00:50:11> 00:50:13:   | If we can, if we can be selective and in   |
| 00:50:13> 00:50:16:   | the market, there is already a world of attractive investment  |
| 00:50:16> 00:50:18:   | opportunity at the moment.   |
| 00:50:19> 00:50:19:   | Interesting.   |
| 00:50:19> 00:50:20:   | Thank you.   |
| 00:50:20> 00:50:23:   | Anna, just just sort of turning to you just as   |
| 00:50:23> 00:50:26:   | we, as you think about sort of capital markets and   |
| 00:50:26> 00:50:30:   | financing, yeah, how are you thinking about the evolution in   |
| 00:50:30> 00:50:32:   | the, in the debt, in the debt space?   |
| 00:50:33> 00:50:37:   | And the availability of finance, yes, we've been active in   |
| 00:50:37> 00:50:40:   | the Dead Space for, for the last 1218 months and   |
| 00:50:40> 00:50:43:   | and we see a lot of opportunities there.   |
| 00:50:44> 00:50:47:   | As I said this is a window of opportunity for  |
| 00:50:47> 00:50:52:   | different debt strategies and alternative lenders will will have a   |
| 00:50:52> 00:50:56:   | role to play in exactly what Emmanuel was saying recapitalizing  |
| 00:50:56> 00:51:01:   | and basically and ensuring that that portfolios stay healthy.  |
| 00:51:01> 00:51:05:   | So this is exactly one of our investment themes.   |
| 00:51:05> 00:51:08:   | At the same time I'm also the opinion that you   |
| 00:51:08> 00:51:12:   | know the, I'm not so negative about the office sector  |
| 00:51:12> 00:51:16:   | as such because if you look at fundamentals and occupiers  |
| 00:51:16> 00:51:20:   | market, it's still there and with the very limited construction  |
| 00:51:21> 00:51:24:   | activity there will be clearly a rental growth and and   |
| 00:51:24> 00:51:28:   | for sure for the best in class the space which   |
| 00:51:28> 00:51:31:   | has been already proven that the vacancy is very low.  |
| 00:51:31> 00:51:33:   | So this trend will continue.   |
| 00:51:33> 00:51:37:   | At the same time you know everybody speaks about alternative   |
| 00:51:37> 00:51:41:   | sectors, you know life science, medical centres, but again<br>these  |
| 00:51:41> 00:51:45:   | are niche products so not all the investors can chase  |
| 00:51:45> 00:51:47:   | the same little niche sectors.   |
| 00:51:47> 00:51:50:   | There has to be some activity also in things like  |
| 00:51:50> 00:51:53:   | retail and in standard office and I'm sure smart investors   |
| 00:51:53> 00:51:57:   | will find the the right structures and opportunities to  |
| 00:51:57> 00:51:58:   | enter in in those as well.   |

| 00:51:59> 00:52:03: | And this is something we're watching carefully for the next       |
|---------------------|---|
| 00:52:03> 00:52:04: | year, hopefully.  |
| 00:52:05> 00:52:08: | Yeah, I think I I tend to agree with you                          |
| 00:52:08> 00:52:11: | there around around offices and I think as we move                |
| 00:52:12> 00:52:15: | through the next cycle, you know I think the office               |
| 00:52:15> 00:52:20: | will play an increasingly important role for occupiers in order   |
| 00:52:20> 00:52:23: | to bring people back to the office and to.                        |
| 00:52:25> 00:52:29: | And to try and reinstate that culture at the organizational       |
| 00:52:29> 00:52:33: | level that's so difficult to achieve when one's when one's        |
| 00:52:33> 00:52:36: | working from home more full more full time.                       |
| 00:52:37> 00:52:41: | Lissette, quick word from you on alternatives.                    |
| 00:52:41> 00:52:44: | What what sort of insights have you been hearing from             |
| 00:52:44> 00:52:49: | from your your membership around exposure to alternative sectors? |
| 00:52:51> 00:52:53: | Well, I think there are a few things I would                      |
| 00:52:54> 00:52:54: | like to say.  |
| 00:52:55> 00:52:58: | I think overall if we kind of look over the                       |
| 00:52:58> 00:53:01: | long term how real estate has developed, I think the              |
| 00:53:01> 00:53:05: | level of granularity and complexity has gone up massively.        |
| 00:53:06> 00:53:09: | A lot of what we call niche are also kind                         |
| 00:53:09> 00:53:12: | of sub sectors to where we first just looked at                   |
| 00:53:12> 00:53:16: | the big buckets of retail versus offices and then a               |
| 00:53:16> 00:53:19: | long time there was nothing and then we came to                   |
| 00:53:19> 00:53:24: | logistics and residential in some countries more than in others.  |
| 00:53:24> 00:53:26: | That's not enough anymore.  |
| 00:53:26> 00:53:30: | And we've realized also in the financial crisis as in             |
| 00:53:30> 00:53:33: | the pandemic that one type of retail is not the                   |
| 00:53:33> 00:53:36: | other type of retail and that we need to kind                     |
| 00:53:36> 00:53:37: | of dig deeper.  |
| 00:53:38> 00:53:42: | And therefore also new niche sectors pop up like we're            |
| 00:53:42> 00:53:48: | now looking at medical offices, we're looking at senior living,   |
| 00:53:48> 00:53:52: | senior living with care etcetera, etcetera, so.                   |
| 00:53:52> 00:53:56: | Every time it becomes more nuanced and I think we                 |
| 00:53:56> 00:53:57: | shouldn't forget that.  |
| 00:53:58> 00:54:01: | And and I think it says something about the sophistication        |
| 00:54:01> 00:54:04: | also in the industry that has developed over time.                |
| 00:54:05> 00:54:08: | And the other thing I would say is every time                     |
| 00:54:09> 00:54:12: | we try to figure out what will happen with officers,              |
| 00:54:13> 00:54:17: | we've seen it with retail in the financial crisis, suddenly       |
| 00:54:17> 00:54:19: | people discovered the Internet.                                   |
| 00:54:20> 00:54:22: | And there was a real price difference and kind of                 |
| 00:54:22> 00:54:24: | many people suffering so much.                                    |

| 00:54:24> 00:54:28: | There was a real advantage to kind of a shop  |
|---------------------|---|
| 00:54:28> 00:54:29: | via Internet.   |
| 00:54:30> 00:54:32: | A large part of that remains, but it wasn't the   |
| 00:54:32> 00:54:33: | end of retail.  |
| 00:54:34> 00:54:36: | And in the pandemic we thought this is the end  |
| 00:54:36> 00:54:37: | of the office.  |
| 00:54:37> 00:54:38: | We'll never go back.  |
| 00:54:39> 00:54:42: | And now we're trying to figure out and we got   |
| 00:54:42> 00:54:45: | a kind of financial crisis on top of the pandemic   |
| 00:54:46> 00:54:46: | almost.   |
| 00:54:46> 00:54:49: | I'm not sure if you can say financial difficulties.                                       |
| 00:54:51> 00:54:53: | Now we're trying to figure out how that's going to  |
| 00:54:53> 00:54:54: | play out.   |
| 00:54:55> 00:54:58: | That might take a while to figure out what exactly  |
| 00:54:58> 00:55:01: | will happen with officers and how much.   |
| 00:55:01> 00:55:04: | I see it here in London where in the city   |
| 00:55:04> 00:55:07: | it took a long time for people to come back,  |
| 00:55:07> 00:55:10: | but now we see all kinds of new coffee shops,   |
| 00:55:10> 00:55:12: | cafes, etcetera coming back.  |
| 00:55:12> 00:55:18: | So we kind of shouldn't jump to conclusions too quickly.                                  |
| 00:55:18> 00:55:20: | And monitor how things are going.   |
| 00:55:20> 00:55:24: | Once we get through this, the effect might be different.                                  |
| 00:55:24> 00:55:28: | If however we get to a recession and unemployment would                                   |
| 00:55:28> 00:55:32: | increase, things might also change with that again.                                       |
| 00:55:33> 00:55:38: | So I think it's a constant evolution with different sectors                               |
| 00:55:38> 00:55:42: | but and and the the last thing I would say  |
| 00:55:42> 00:55:47: | is there's so much where we previously saw a lot  |
| 00:55:47> 00:55:47: | of.   |
| 00:55:48> 00:55:54: | Social infrastructure taken care of by governments, we're seeing them                     |
| 00:55:54> 00:56:00: | pulling that back, for example on senior living and all                                   |
| 00:56:00> 00:56:02: | medical care, etcetera.   |
| 00:56:02> 00:56:05: | Private sector stepping in and what we see is where                                       |
| 00:56:06> 00:56:11: | new opportunities arise, like in energy infrastructure, communication infrastructure, the |
| 00:56:11> 00:56:15: | government's not even getting in there, but immediately it's private                      |
| 00:56:15> 00:56:15: | sector.   |
| 00:56:16> 00:56:20: | So there's definitely a lot of opportunity, but looking at                                |
| 00:56:20> 00:56:23: | sectors like we used to do with big office, big   |
| 00:56:23> 00:56:25: | retail in the past, I I think that is a   |
| 00:56:25> 00:56:27: | thing of the past.  |
|                     |   |

| 00:56:27> 00:56:30: | It's not like that anymore and it will be far                  |
|---------------------|--|
| 00:56:30> 00:56:32: | more granular going forward.                                   |
| 00:56:33> 00:56:34: | Great.   |
| 00:56:34> 00:56:34: | Great.   |
| 00:56:34> 00:56:38: | Segue then, Lisette to my last very quick question for         |
| 00:56:38> 00:56:41: | the last two minutes, and I'm taking your word of              |
| 00:56:41> 00:56:43: | advice as being.   |
| 00:56:44> 00:56:46: | We don't judge the future by what we've experienced in         |
| 00:56:47> 00:56:49: | the past, which would probably have been my word of            |
| 00:56:49> 00:56:50: | advice.  |
| 00:56:50> 00:56:53: | So rather than asking people what are their top picks          |
| 00:56:53> 00:56:56: | for 2024 because that's more than covered in the report,       |
| 00:56:56> 00:56:59: | what would your one piece of advice be as we                   |
| 00:56:59> 00:57:00: | move into the next cycle?                                      |
| 00:57:01> 00:57:06: | Anna, starting with you, tough one, but I think understand     |
| 00:57:06> 00:57:10: | your tenant, your occupier and for this you need and           |
| 00:57:10> 00:57:14: | a good asset manager and the value of the smart                |
| 00:57:14> 00:57:17: | asset managers is enormous.                                    |
| 00:57:17> 00:57:21: | Their experience, their ability to create value, to go to      |
| 00:57:21> 00:57:25: | apply the ESG path into the best in the buildings,             |
| 00:57:25> 00:57:29: | understanding the full life cycle and and advising really what |
| 00:57:30> 00:57:33: | drives the occupational demand, that's critical.               |
| 00:57:33> 00:57:36: | So I would say focus on your asset managers.                   |
| 00:57:37> 00:57:38: | Great one man, Willie.   |
| 00:57:40> 00:57:44: | Very quickly, very quickly, I will say don't panic.            |
| 00:57:44> 00:57:48: | Accept that the decade of real estate being seen as            |
| 00:57:48> 00:57:53: | bond proxy race three is over and focus on creating            |
| 00:57:53> 00:57:55: | value for your clients who are.                                |
| 00:57:55> 00:57:57: | As Anna said, you're occupied.                                 |
| 00:57:58> 00:57:59: | Great one, Clements.   |
| 00:57:59> 00:58:00: | Last word.   |
| 00:58:01> 00:58:03: | Revisit retail.  |
| 00:58:04> 00:58:06: | Love it, love it.  |
| 00:58:06> 00:58:08: | Well, with that we're at the top of the hour.                  |
| 00:58:08> 00:58:12: | Thank you ever so much to my panellists, delighted that        |
| 00:58:12> 00:58:16: | the that that we've kept the tone relatively upbeat and        |
| 00:58:16> 00:58:21: | focused on the opportunities and the opportunity set that this |
| 00:58:21> 00:58:24: | market is undoubtedly going to create for us.                  |
| 00:58:25> 00:58:29: | So just before we close out, we really do appreciate           |
| 00:58:29> 00:58:30: | your feedback.   |
| 00:58:30> 00:58:31: | So you will receive a.   |
| 00:58:32> 00:58:35: | Survey popping up on your screen maybe now or we               |

| 00:58:35> 00:58:39: | will send you a link that's really, really valuable in           |
|---------------------|--|
| 00:58:39> 00:58:42: | helping us and ULI sort of shape their their events              |
| 00:58:42> 00:58:43: | for the future.  |
| 00:58:44> 00:58:48: | And one plug before we wrap up the ULI Europe                    |
| 00:58:48> 00:58:53: | webinar on Healthy Buildings, Tuesday, the 21st of November, put |
| 00:58:53> 00:58:56: | it in your diary and look forward to seeing you                  |
| 00:58:56> 00:58:57: | again soon.  |
| 00:58:57> 00:58:58: | Thank you very much.   |
|                     |  |

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