

Webinar

ULI Europe: Leadership For Good

Date: September 22, 2021

| 00:00:00> 00:00:03: | Out developing. Really sorry. I have to say got it |
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| 00:00:03> 00:00:06: | so the red line in my career is that I'm |
| 00:00:06> 00:00:11: | really passionate about sustainable business perspectives for organizations, |
| 00:00:11> 00:00:13: | and this is always in a changing context and I |
| 00:00:13> 00:00:16: | think we all recognize changing contexts. |
| 00:00:16> 00:00:19: | And of course, and I try to navigate others through |
| 00:00:19> 00:00:22: | dialogue for through some of these solutions to see how |
| 00:00:22> 00:00:25: | we can deal with all sorts of complexity complexities that |
| 00:00:25> 00:00:29: | come with it. I think more than ever current complex |
| 00:00:29> 00:00:33: | issues require really strong authentic leaders. |
| 00:00:33> 00:00:36: | And I think it's those leaders that are able to |
| 00:00:36> 00:00:41: | bring together both viable business and smart businesses outcomes and |
| 00:00:41> 00:00:45: | sustainability that will be those that will be the way |
| 00:00:45> 00:00:48: | for others. And I think that requires really multifaceted, |
| 00:00:48> 00:00:52: | intelligent sinking as well as really hard labor and perseverance. |
| 00:00:52> 00:00:56: | Because change is not never easy and rethinking your own |
| 00:00:56> 00:00:59: | business means also you have to get rid of a |
| 00:00:59> 00:01:03: | lot of existing behaviors and or no safety safety factors |
| 00:01:03> 00:01:06: | if you like. Perhaps a few words on sustainability as |
| 00:01:06> 00:01:08: | this is a kind of part of this main part |
| 00:01:08> 00:01:10: | of this conversation. |
| 00:01:10> 00:01:14: | I think many of the global challenges should concern us |
| 00:01:14> 00:01:17: | and hopefully also bind us all so the most pressing |
| 00:01:17> 00:01:22: | ones are reflected in the United Nations Sustainability Development Goals |
| 00:01:22> 00:01:24: | and. I'm sure you have read them, |
| 00:01:24> 00:01:27: | but they provide a shared vision of what a better |
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| 00:01:27> 00:01:29: | world looks like by 2030 and mind you, |
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| 00:01:29> 00:01:32: | that is within now and 8-9 years time. |
| 00:01:32> 00:01:36: | And whilst governments are all talking very serious about |
| | achieving |
| 00:01:36> 00:01:36: | these goals, |
| 00:01:36> 00:01:40: | we all know there's a kind of pressure than to |
| 00:01:40> 00:01:42: | act now and we cannot wait too longer. |
| 00:01:42> 00:01:47: | Uhm? Those those United Nations goals, |
| 00:01:47> 00:01:49: | they they they represent safety, |
| 00:01:49> 00:01:52: | set goals and 169 actions. |
| 00:01:52> 00:01:55: | And I think they're all really relevant for all of |
| 00:01:56> 00:01:56: | US. |
| 00:01:56> 00:02:00: | In society for all organizations and also in any geography. |
| 00:02:00> 00:02:03: | And I think many geographies across the globe have to |
| 00:02:03> 00:02:06: | have their own take on these goals in terms of |
| 00:02:06> 00:02:07: | regional agendas. |
| 00:02:07> 00:02:10: | So many of us will also add her to these |
| 00:02:10> 00:02:13: | and our face with questions such as what does this |
| 00:02:13> 00:02:15: | actually mean for me? |
| 00:02:15> 00:02:18: | How will it disrupt my organization? |
| 00:02:18> 00:02:19: | Will I let this happen? |
| 00:02:19> 00:02:22: | Have I? Do I have a choice or what can |
| 00:02:22> 00:02:26: | I do to proactively contribute personally as leaders or with |
| 00:02:26> 00:02:30: | my organization to a positive transition in the context I'm |
| 00:02:30> 00:02:36: | operating in? I'm making a conscious distinction between transformation and |
| 00:02:36> 00:02:37: | disruption. |
| 00:02:37> 00:02:41: | For me, transformation stands for creating and win win situation. |
| 00:02:41> 00:02:46: | As for me, disruption is about creating a situation of |
| 00:02:46> 00:02:47: | win, |
| 00:02:47> 00:02:51: | loose and disruptive innovations often result in a few winners |
| 00:02:51> 00:02:53: | and many losers, |
| 00:02:53> 00:02:55: | and I don't think that's what we need for me. |
| 00:02:55> 00:02:58: | What we need to create is a win win reflected |
| 00:02:58> 00:03:00: | in doing business based on mutual gains, |
| 00:03:00> 00:03:03: | collaboration based on shared values. |
| 00:03:03> 00:03:08: | And moreover, honorable dealings, which also should be reflected in |
| 00:03:08> 00:03:13: | partnerships and in contracts with joint incentives to achieve better |
| 00:03:13> 00:03:14: | outcomes, |
| 00:03:14> 00:03:19: | more sustainable outcomes. There's also an increasing |

| | appreciation of the |
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| 00:03:19> 00:03:23: | usefulness of concepts such as the donut economy of K |
| 00:03:23> 00:03:25: | tradeware rail word, |
| 00:03:25> 00:03:31: | which is actually at A at a walk principle level. |
| 00:03:31> 00:03:35: | Looking at how do organizations and cities move between on |
| 00:03:35> 00:03:36: | one hand, |
| 00:03:36> 00:03:40: | between the bandwidth of the social foundations and one one |
| 00:03:40> 00:03:42: | side of the spectrum and on the, |
| 00:03:42> 00:03:47: | let's say, the the ecological ceiling? |
| 00:03:47> 00:03:49: | Default ourselves in terms of resources. |
| 00:03:49> 00:03:54: | Use or for example decarbonization or or deforestation. |
| 00:03:54> 00:03:57: | Come and you also get a concert building on that |
| 00:03:57> 00:04:00: | or browse be very aligned with it in terms of |
| 00:04:00> 00:04:02: | the circle economy as mentioned by users now, |
| 00:04:03> 00:04:07: | which is a very principled and systemic approach to to |
| 00:04:07> 00:04:12: | if you like to bring an optimum between economic, |
| 00:04:12> 00:04:18: | social and environmental impact as a as a gateway to |
| 00:04:18> 00:04:20: | lead to sustainable. |
| 00:04:20> 00:04:24: | Solutions. Uhm, what you see is that many cities have |
| 00:04:25> 00:04:28: | embraced the concepts of circle economy. |
| 00:04:28> 00:04:31: | I, I know love major metro poles that have a |
| 00:04:31> 00:04:32: | circular agenda, |
| 00:04:32> 00:04:36: | but also the accent. But circularity is quite key in |
| 00:04:36> 00:04:40: | them and and in Europe specially they are anticipating on |
| 00:04:40> 00:04:41: | the EU taxonomy, |
| 00:04:41> 00:04:44: | which on its return is heavily inspired by the United |
| 00:04:44> 00:04:48: | Nations Sustainability Goals for the build environment is also interesting |
| 00:04:48> 00:04:48: | to see. |
| 00:04:48> 00:04:52: | There's a kind of common idea that cities are seen |
| 00:04:52> 00:04:52: | as. |
| 00:04:52> 00:04:58: | Mission critical and burning platforms for transition to sustainable businesses, |
| 00:04:58> 00:05:02: | sustainable developments and influencing how we create a better, |
| 00:05:02> 00:05:06: | livable environment. So it's my evaluation that in a very |
| 00:05:06> 00:05:07: | near future. |
| 00:05:07> 00:05:11: | You will only have a license to operate if your |
| 00:05:11> 00:05:15: | gear your business is towards these regional taxonomies. |
| 00:05:15> 00:05:16: | And on the other note, |
| 00:05:16> 00:05:20: | I see also in industries themselves putting pressure on themselves |
| 00:05:20> 00:05:21: | and to their peers. |

| 00:05:21> 00:05:27: | For example, the ESG practices more from compliance practices against |
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| 00:05:27> 00:05:34: | frameworks towards more operational organizational financial resilience. |
| 00:05:34> 00:05:38: | To see all sorts of industry benchmarking appear with which |
| 00:05:38> 00:05:42: | creates peer pressure and that the term of outcomes less |
| 00:05:42> 00:05:46: | decision making becomes more and more important next to but |
| 00:05:46> 00:05:51: | still is relevant. Making good positive business cases which are |
| 00:05:51> 00:05:55: | unfortunately still often on short and medium term and adding |
| 00:05:56> 00:06:00: | other aspects factoring in certain things like the so called |
| 00:06:00> 00:06:04: | externalities like how do we create social value? |
| 00:06:04> 00:06:07: | How do we create? Environmental impact or contribute in a |
| 00:06:07> 00:06:08: | positive way to that now. |
| 00:06:08> 00:06:10: | But how do we influence the economics? |
| 00:06:10> 00:06:13: | I think they've become more and more important to factor |
| 00:06:13> 00:06:16: | them into investment decisions and how you develop your businesses. |
| 00:06:16> 00:06:21: | And collaboration, actually that is also the goal or #17 |
| 00:06:21> 00:06:22: | of the United Nations. |
| 00:06:22> 00:06:26: | And they it's really important how your you your organization |
| 00:06:26> 00:06:29: | relates to that how they act in a wider context, |
| 00:06:29> 00:06:30: | how you relate to your business partners. |
| 00:06:30> 00:06:33: | You value chain and the society. |
| 00:06:33> 00:06:37: | You have your operating so in sectors and businesses that |
| 00:06:37> 00:06:43: | are really heavily relying relying on structured value change |
| | or |
| 00:06:43> 00:06:44: | supply change you. |
| 00:06:44> 00:06:47: | And you see that leadership is really help standing up |
| 00:06:47> 00:06:50: | and had to stand up to achieve sustainable products and |
| 00:06:50> 00:06:51: | services. |
| 00:06:51> 00:06:55: | It's very clear you know most mostly they represent a |
| 00:06:55> 00:06:59: | brand or they own a brand and they are able |
| 00:06:59> 00:07:04: | to enable part of the the partners in that chain |
| 00:07:04> 00:07:08: | to create new coalitions or jointly create new aspects for |
| 00:07:08> 00:07:12: | the distance or develop new products and they can do |
| 00:07:12> 00:07:16: | that because they have control of this value chain. |
| 00:07:16> 00:07:20: | And they can apply mandatory push or motivating pull pull |
| 00:07:20> 00:07:22: | factors or put their whole factors. |
| 00:07:22> 00:07:25: | Sorry to their partners. But similarly where the supply chain |
| 00:07:26> 00:07:27: | is that obvious? |
| 00:07:27> 00:07:30: | For example in the financial industry, |
| | • |

| 00:07:30> 00:07:36: | increasingly you see that. They come through the development of |
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| 00:07:37> 00:07:38: | new governance. |
| 00:07:38> 00:07:42: | Finance practices. They they accelerating. |
| 00:07:42> 00:07:46: | Financial issues are really instrumental in accelerating towards more sustainable |
| 00:07:46> 00:07:50: | finance and sustainable finance becomes more and more mainstream, |
| 00:07:50> 00:07:53: | whereas it was four or five years ago seen as |
| 00:07:53> 00:07:53: | philantropic. |
| 00:07:53> 00:07:57: | I think nobody will deny that sustainable finance is the |
| 00:07:57> 00:07:58: | way to go to, |
| 00:07:58> 00:08:01: | and I think in that sense also by this Bush |
| 00:08:01> 00:08:03: | time of greenwashing of investments. |
| 00:08:03> 00:08:08: | Opportunistic cherry picking on single issues or checking the box |
| 00:08:08> 00:08:09: | exercises like. |
| 00:08:09> 00:08:14: | Like we often see seem to be quickly practice of |
| 00:08:14> 00:08:14: | the past, |
| 00:08:14> 00:08:17: | I hope and we need to find other ways of |
| 00:08:17> 00:08:18: | doing so. |
| 00:08:18> 00:08:22: | So better leadership is those who are not satisfied that |
| 00:08:22> 00:08:24: | I would like to emphasize or not. |
| 00:08:24> 00:08:28: | We're not satisfied with the indulgences such as sustainability certificates, |
| 00:08:28> 00:08:31: | carbon offsetting or for example, |
| 00:08:31> 00:08:33: | pledges with no follow through, |
| 00:08:33> 00:08:37: | if that what they what they are doing. |
| 00:08:37> 00:08:39: | Those leaders that would like to do differently. |
| 00:08:39> 00:08:43: | Is addressing the real root causes an act against them? |
| 00:08:43> 00:08:45: | I think it's also those leaders which I would call |
| 00:08:46> 00:08:48: | climate or sustainability conscious. |
| 00:08:48> 00:08:51: | That can really make a difference and that is their |
| 00:08:51> 00:08:54: | kind of antagonist to those that calibrate their own businesses |
| 00:08:54> 00:08:57: | to others and have a limited own perspective. |
| 00:08:57> 00:09:01: | It's leaders with own perspective really are genuine in challenging |
| 00:09:01> 00:09:02: | their own business, |
| 00:09:02> 00:09:06: | their own organizations that probably make can make a difference, |
| 00:09:06> 00:09:07: | and it's notably happening now. |
| 00:09:07> 00:09:10: | You know, I see in in, |
| 00:09:10> 00:09:13: | in increasing increasing level where. |

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| 00:09:13> 00:09:18: | Leaders of organizations put their own reputation and a professional |
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| 00:09:18> 00:09:22: | career at stake by really have personal statements and how |
| 00:09:22> 00:09:23: | they want to contribute. |
| 00:09:23> 00:09:26: | And in these times of social media and all sorts |
| 00:09:26> 00:09:28: | of other news gathering now, |
| 00:09:28> 00:09:31: | this will. This will be kind of. |
| 00:09:31> 00:09:36: | Societal memory, so they do that not just for for |
| 00:09:36> 00:09:38: | pledges only, |
| 00:09:38> 00:09:41: | but I often do is they act and do not |
| 00:09:41> 00:09:42: | tell. |
| 00:09:42> 00:09:45: | I got this quote from a guy called Bullhead Man. |
| 00:09:45> 00:09:48: | He's a CEO of one of the investors developers in |
| 00:09:48> 00:09:51: | the Netherlands over here and every project that he is |
| 00:09:51> 00:09:54: | investing in or every project is developing. |
| 00:09:54> 00:09:57: | There's at least two or three innovations that are untested |
| 00:09:57> 00:10:00: | in real projects but also opened up for the wider |
| 00:10:00> 00:10:01: | wider industry. |
| 00:10:01> 00:10:03: | I think that's a form of leadership. |
| 00:10:03> 00:10:04: | On one hand, of course, |
| 00:10:04> 00:10:07: | to create your own brand by by acting, |
| 00:10:07> 00:10:11: | but also sharing how success can look like. |
| 00:10:11> 00:10:13: | And I think this is very infectious, |
| 00:10:13> 00:10:14: | which is good. You know, |
| 00:10:14> 00:10:17: | I see this scaling more and more leaders in larger |
| 00:10:17> 00:10:21: | organizations feel the responsibility often by the size or the |
| 00:10:21> 00:10:23: | military geography folks. |
| 00:10:23> 00:10:27: | They can also influence influence the wider industries. |
| 00:10:27> 00:10:30: | And whereas ESG in my view used to be typically |
| 00:10:30> 00:10:34: | delegated to departments for sustainability, |
| 00:10:34> 00:10:37: | or was an Appendix 2. |
| 00:10:37> 00:10:41: | Or plans? It's now really has entered the boardrooms and |
| 00:10:41> 00:10:44: | it landed on the desk of C suites a few |
| 00:10:44> 00:10:45: | weeks ago, |
| 00:10:45> 00:10:47: | and investor reached out to me and said, |
| 00:10:47> 00:10:48: | you know I had a sleepless night. |
| 00:10:48> 00:10:51: | I looked at new taxonomies and I do appreciate if |
| 00:10:51> 00:10:53: | I don't do anything now. |
| 00:10:53> 00:10:56: | In five years time I cannot sell my property anymore. |
| 00:10:56> 00:10:58: | Help no, and it's not about me being the solver, |
| 00:10:58> 00:11:00: | but it's the the recognition. |
| 00:11:00> 00:11:05: | It's about the awareness that's currently rapidly increasing |

| | come and |
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| 00:11:05> 00:11:08: | you can also see this in recent news flashes from |
| 00:11:08> 00:11:09: | pension funds. |
| 00:11:09> 00:11:14: | Lovely withdrawing from industries which are related to fossil fuel |
| 00:11:14> 00:11:15: | industries. |
| 00:11:15> 00:11:19: | That means redirecting investments, but it also means a big |
| 00:11:19> 00:11:22: | challenge for those industries are being affected or the flip |
| 00:11:22> 00:11:24: | side to mention one. |
| 00:11:24> 00:11:29: | The Shell lawsuit is, I think identifying or articulating what's |
| 00:11:29> 00:11:30: | happening. |
| 00:11:30> 00:11:34: | If an organization is not sufficiently aware what the about |
| 00:11:34> 00:11:36: | the wisdom or the wish of the crowds or other |
| 00:11:36> 00:11:40: | stakeholders and listening too much single sided too. |
| 00:11:40> 00:11:44: | Stakeholders, shareholders, and sometimes the organization also need to be |
| 00:11:44> 00:11:47: | triggered by the younger generation, |
| 00:11:47> 00:11:51: | and that's of course bird greater tunberg's call for action. |
| 00:11:53> 00:11:58: | Going more more, focusing more on the build environment. |
| 00:11:58> 00:11:59: | I, I feel sorry to say, |
| 00:11:59> 00:12:03: | but it's still very much characterized by transactional behavior. |
| 00:12:03> 00:12:08: | By sort of sport of transferring liabilities and risks. |
| 00:12:08> 00:12:12: | Shifting responsibilities later in the value chain and acting in |
| 00:12:12> 00:12:15: | relatively short term policy windows. |
| 00:12:15> 00:12:18: | And I don't think that will solve problems of climate |
| 00:12:18> 00:12:21: | change or any other topic on the United Nations sustainability |
| 00:12:21> 00:12:22: | development, |
| 00:12:22> 00:12:28: | not between public and private night between private organizations. |
| 00:12:28> 00:12:30: | And in Europe for example, |
| 00:12:30> 00:12:34: | your taxonomy will be mandatory and embedded in EU legislation |
| 00:12:34> 00:12:38: | that will happen next year in 2022 followed by for |
| 00:12:38> 00:12:42: | example Circle economy becoming mandatory by 2023, |
| 00:12:42> 00:12:47: | resulting all sorts of. Strategies for physical developments and energy, |
| 00:12:47> 00:12:51: | etc. And these will be supported by large budgets to |
| 00:12:51> 00:12:55: | help address the big topics and to to come up |
| 00:12:55> 00:12:57: | with contemporary solutions. |
| 00:12:57> 00:13:00: | I think it's very important that we we are one |
| 00:13:00> 00:13:01: | hour away. |
| 00:13:01> 00:13:06: | I would also start activating so it's actually not about. |

| 00:13:06> 00:13:08: | About the concept on itself, |
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| 00:13:08> 00:13:11: | but I think it's the genuine will to really change |
| 00:13:11> 00:13:14: | for a better and step extracting. |
| 00:13:14> 00:13:18: | That means, for example, for my firm that we really |
| 00:13:18> 00:13:20: | see sustainability. |
| 00:13:20> 00:13:21: | Everything in what we do. |
| 00:13:21> 00:13:24: | That means almost every brand of our firm because we |
| 00:13:24> 00:13:26: | have also be part of the path of how the |
| 00:13:26> 00:13:28: | current build environment is being shaped. |
| 00:13:28> 00:13:33: | But really we see sustainability as the only I would |
| 00:13:33> 00:13:38: | say license to operate for from the perspective of advisors. |
| 00:13:38> 00:13:40: | For designers or city planners or days, |
| 00:13:40> 00:13:44: | those that help shaping deals and transactions. |
| 00:13:44> 00:13:48: | And I'm also confident as sustainability and profitable |
| | businesses can |
| 00:13:48> 00:13:49: | be joined together. |
| 00:13:49> 00:13:52: | Actually, I see increasing proof of that, |
| 00:13:52> 00:13:57: | whereas we've done quite some qualitative research with Yellow MacArthur |
| 00:13:57> 00:14:02: | Foundation indicating that products and services show better profits than |
| 00:14:02> 00:14:03: | traditional ones. |
| 00:14:03> 00:14:06: | And actually we now try to quantify the two and |
| 00:14:06> 00:14:07: | we need an industry, |
| 00:14:07> 00:14:10: | all of us together to make sure that we can |
| 00:14:10> 00:14:14: | quantify the benefits of benefits and also are able to |
| 00:14:14> 00:14:15: | scale the opportunity. |
| 00:14:15> 00:14:18: | And I think then we will be able to move |
| 00:14:18> 00:14:21: | towards enter sustainable business and a viable business. |
| 00:14:21> 00:14:22: | Thank you. |
| 00:14:27> 00:14:31: | Thanks a lot Carl. That was very interesting and you |
| 00:14:31> 00:14:35: | got me thinking on many different questions I can I |
| 00:14:35> 00:14:38: | can ask can I now ask everyone to switch on |
| 00:14:38> 00:14:43: | their videos and tell remove my spot lights please? |
| 00:14:43> 00:14:46: | And so we can see everyone. |
| 00:14:46> 00:14:51: | And maybe to give everyone still the time to do |
| 00:14:51> 00:14:54: | that and also to come. |
| 00:14:54> 00:14:57: | Think of any questions you want to ask for those |
| 00:14:57> 00:15:00: | of you that maybe came a little later. |
| 00:15:00> 00:15:04: | Uh, you can't speak. This is not a traditional webinar. |
| 00:15:04> 00:15:08: | This is a round table discussion and I would encourage |
| 00:15:08> 00:15:12: | everyone to ask questions to Caro or raise any comments. |
| 00:15:12> 00:15:16: | Do if you disagree or want to reiterate points. |

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| 00:15:16> 00:15:20: | Also, I'm very interested to hear how you deal with |
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| 00:15:20> 00:15:22: | these matters in your company. |
| 00:15:22> 00:15:24: | Uhm, if you want to ask a question, |
| 00:15:24> 00:15:28: | the easiest thing is to raise your hand. |
| 00:15:28> 00:15:30: | You can do that at the reactions button. |
| 00:15:30> 00:15:33: | Click on that and then you see raise hand. |
| 00:15:33> 00:15:35: | If you feel more comfortable writing your question, |
| 00:15:35> 00:15:38: | that's fine too, and you can use the chat for |
| 00:15:38> 00:15:39: | that. |
| 00:15:39> 00:15:44: | While many of you are thinking and I'm already starting, |
| 00:15:44> 00:15:50: | I'm I'm very intrigued Carol by your comments on win |
| 00:15:50> 00:15:52: | win situation. |
| 00:15:52> 00:15:56: | Because I'm not sure that thinking has already come through |
| 00:15:56> 00:15:59: | fully in the real estate industry to kind of enter |
| 00:15:59> 00:16:04: | with a straightforward comments because the comment we still often |
| 00:16:04> 00:16:08: | get if we talk about creating social impacts, |
| 00:16:08> 00:16:13: | climate change, decarbonization, I think is an important other one. |
| 00:16:13> 00:16:16: | It's it's cost us money and obviously for a lot |
| 00:16:16> 00:16:19: | of these things there's no choice anymore. |
| 00:16:19> 00:16:22: | We know we need to get to 0 carbon. |
| 00:16:22> 00:16:24: | But on the social side, |
| 00:16:24> 00:16:25: | we hear that a lot. |
| 00:16:25> 00:16:27: | We don't want to do it if it costs US |
| 00:16:27> 00:16:29: | money and we think it's we, |
| 00:16:29> 00:16:35: | it impacts return negatively. So how would you respond to |
| 00:16:35> 00:16:36: | that? |
| 00:16:36> 00:16:38: | And what do you think is needed for the industry |
| 00:16:38> 00:16:38: | to move forward? |
| 00:16:38> 00:16:40: | You just mentioned that I wrote. |
| 00:16:40> 00:16:42: | You're trying to quantify the impact. |
| 00:16:42> 00:16:44: | Can you talk a bit more about that? |
| 00:16:44> 00:16:48: | Yeah, so it's interesting that if you're looking at business |
| 00:16:48> 00:16:48: | cases, |
| 00:16:48> 00:16:52: | we tend to look at the business case very financially. |
| 00:16:52> 00:16:54: | Interesting of concept like Circle economy. |
| 00:16:54> 00:16:57: | They look at both the monetized part of the economy |
| 00:16:57> 00:17:00: | and the more you know other aspects of an economy. |
| 00:17:00> 00:17:02: | And I think the only way to make a positive |
| 00:17:02> 00:17:05: | business case if we factor in VR find ways how |
| 00:17:05> 00:17:09: | we can factor in even monetized effects of our work. |

| 00:17:09> 00:17:13: | Now that means what is the the boundaries of the |
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| 00:17:13> 00:17:14: | business case. |
| 00:17:14> 00:17:16: | If you like that we are making. |
| 00:17:16> 00:17:19: | So for example, in a development when in a city |
| 00:17:19> 00:17:20: | development. |
| 00:17:22> 00:17:23: | While we were, by the way, |
| 00:17:23> 00:17:27: | taxonomies will increasingly ask us to rethink re using existing |
| 00:17:27> 00:17:29: | parts of of the city you know, |
| 00:17:29> 00:17:34: | rather than building new increasingly you see initiatives servicing where |
| 00:17:34> 00:17:37: | we look OK if we can make right sort of |
| 00:17:37> 00:17:40: | interventions in terms of how design looks like, |
| 00:17:40> 00:17:44: | the functionality of buildings, the different functions you create, |
| 00:17:44> 00:17:45: | how can this, for example, |
| 00:17:45> 00:17:50: | contribute to more livable, more attractive space for people to |
| 00:17:50> 00:17:51: | live in? |
| 00:17:51> 00:17:54: | And how, for example, can we combine the need for |
| 00:17:54> 00:17:59: | affordable housing which is an economic factor more to come |
| 00:17:59> 00:18:00: | to to these developments? |
| 00:18:00> 00:18:03: | How can we factor it in if we can make |
| 00:18:03> 00:18:05: | that more explicit than there will be, |
| 00:18:05> 00:18:07: | for example, mechanisms at governance, |
| 00:18:07> 00:18:10: | they can say OK if we can address the gender |
| 00:18:10> 00:18:15: | for affordable housing in this area where we developing, |
| 00:18:15> 00:18:17: | can we do something on the price of land now |
| 00:18:18> 00:18:20: | which we which we sell to developers? |
| 00:18:20> 00:18:23: | Or if there's something that we can monetize? |
| 00:18:23> 00:18:27: | On the fact that we create an employee jobs job |
| 00:18:27> 00:18:30: | creations on local projects, |
| 00:18:30> 00:18:33: | which means less of people using social welfare, |
| 00:18:33> 00:18:37: | can we exchange these positive money literally exchanging possible and |
| 00:18:37> 00:18:40: | so one way of looking at that is broadening the |
| 00:18:40> 00:18:44: | business case and that's what I meant by externalities that |
| 00:18:44> 00:18:47: | we're looking both to the good other outcomes of development. |
| 00:18:47> 00:18:50: | For example, project development, but also looking at a negative |
| 00:18:50> 00:18:50: | one. |
| 00:18:50> 00:18:53: | So put almost the build there where it belongs to |
| 00:18:53> 00:18:54: | and you see that. |

| 00:18:54> 00:18:57: | Increasingly happening that if it comes for example, |
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| 00:18:57> 00:19:00: | on on carbon, you know that we, |
| 00:19:00> 00:19:02: | we that industry will be faced. |
| 00:19:02> 00:19:05: | Increasingly, they have to pay the price for production, |
| 00:19:05> 00:19:08: | for example, of real state and also had take responsibility. |
| 00:19:08> 00:19:12: | Where I get a materials from so one hand you |
| 00:19:12> 00:19:14: | can really monetize externalities, |
| 00:19:14> 00:19:17: | but that requires a different kind of conversations, |
| 00:19:17> 00:19:20: | for example to public and private parties. |
| 00:19:20> 00:19:24: | On the other hand. It's depending also the term you |
| 00:19:24> 00:19:25: | bring in. |
| 00:19:25> 00:19:29: | If if if any every end of every innovation probably |
| 00:19:29> 00:19:32: | is more expensive than current practices, |
| 00:19:32> 00:19:35: | because current practice, they have the advantage of scale. |
| 00:19:35> 00:19:39: | If the advantage of no weather risks are so. |
| 00:19:39> 00:19:42: | It's also way can we find ways how we overcome |
| 00:19:42> 00:19:47: | this interim period before innovations really scaled to viable |
| | business |
| 00:19:47> 00:19:50: | by seeing how we can support them. |
| 00:19:50> 00:19:52: | And of course for the shorter end we see all |
| 00:19:52> 00:19:53: | sorts of subsidies and. |
| 00:19:53> 00:19:55: | And a new taxonomy and the new Green Deal. |
| 00:19:55> 00:19:59: | There's many billions being reserved for innovations, |
| 00:19:59> 00:20:00: | but it's also for example, |
| 00:20:00> 00:20:03: | that if a supply comes up with a truly sustainable |
| 00:20:04> 00:20:04: | solution, |
| 00:20:04> 00:20:07: | I don't know if we're materials or production methods better |
| 00:20:07> 00:20:07: | than, |
| 00:20:07> 00:20:11: | for example, the construction firm or even investors is OK. |
| 00:20:11> 00:20:13: | I really want to embrace this new production periods. |
| 00:20:13> 00:20:16: | It might not be the best business case for this |
| 00:20:16> 00:20:16: | project, |
| 00:20:16> 00:20:18: | but I'm able and willing to see how we can |
| 00:20:18> 00:20:21: | scale it up so they can benefit from next ones. |
| 00:20:21> 00:20:24: | And as few interesting initiatives I know a large developers. |
| 00:20:24> 00:20:28: | Thinking about social housing as a main topic of the |
| 00:20:28> 00:20:30: | agenda and now exploring with production. |
| 00:20:32> 00:20:36: | Manufacturers the that that developed two and a half and |
| 00:20:36> 00:20:41: | 3D production methods which can actually exclude |
| | accelerate production speed, |
| 00:20:41> 00:20:43: | which can be more cheaper to see if we can |
| 00:20:43> 00:20:46: | combine on one hand innovation of how we produce our |

| 00:20:46> 00:20:50: | houses and make them more affordable with speed which |
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| 00:20:50> 00:20:53: | also |
| 00.20.50> 00.20.55. | connects the economical agenda. And I think that's almost the |
| 00:20:53> 00:20:54: | perfect storm. |
| 00:20:54> 00:20:58: | So positive perfect storm we need to create and that |
| 00:20:58> 00:21:02: | comes with creative thinking collaboration if we keep it within |
| 00:21:02> 00:21:02: | one firm. |
| 00:21:02> 00:21:05: | Then probably it's not likely we get viable business cases. |
| 00:21:07> 00:21:10: | Thank you, Carl, that links quite interestingly. |
| 00:21:10> 00:21:13: | We did a social very report which we launched earlier |
| 00:21:13> 00:21:14: | in the year, |
| 00:21:14> 00:21:17: | and one of the things we came across there is |
| 00:21:17> 00:21:22: | that often you create the fundamentals and obviously in the |
| 00:21:22> 00:21:23: | development phase. |
| 00:21:23> 00:21:27: | But you only see the true impact in the investment |
| 00:21:27> 00:21:28: | much later on. |
| 00:21:28> 00:21:31: | So how do you marry those and how can you |
| 00:21:31> 00:21:34: | bring in that long term perspective in and in the |
| 00:21:34> 00:21:37: | early planning and development phases? |
| 00:21:37> 00:21:39: | Uhm, and that's I think also, |
| 00:21:39> 00:21:41: | but you're talking about anyone who wants to ask a |
| 00:21:41> 00:21:42: | question. |
| 00:21:44> 00:21:46: | Not yet. You're still thinking fine. |
| 00:21:46> 00:21:50: | l will keep going, uhm. |
| 00:21:50> 00:21:56: | The UM, circular economy you talk a lot about it, |
| 00:21:56> 00:22:01: | and uhm, actually, if you now look across the industry |
| 00:22:01> 00:22:01: | John, |
| 00:22:01> 00:22:04: | I'll come to you in a second. |
| 00:22:04> 00:22:06: | Now look at where the industry is. |
| 00:22:06> 00:22:11: | We're actually based, fully focused on on EST and especially |
| 00:22:11> 00:22:13: | on decarbonizing. |
| 00:22:13> 00:22:15: | I think that's that's already a big effort. |
| 00:22:15> 00:22:18: | The industry needs to make. |
| 00:22:18> 00:22:22: | How do those concepts Mary to one another? |
| 00:22:22> 00:22:25: | And and I think I don't think we have a |
| 00:22:25> 00:22:28: | lot of time to think about it because you mentioned |
| 00:22:28> 00:22:30: | 2023 when you makes it mandatory, |
| 00:22:30> 00:22:32: | so probably we need to scale up there too. |
| 00:22:33> 00:22:36: | Yeah, I think there's a really relevant question and also |
| 00:22:36> 00:22:38: | question we try to address actually, |
| 00:22:38> 00:22:39: | but they are McArdle Foundation. |
| 00:22:39> 00:22:42: | So what you see is that many concepts are stumbling |

| 00:22:42> 00:22:45: | over each other and we see also limited bandwidth into |
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| 00:22:45> 00:22:47: | embracing too many topics. |
| 00:22:47> 00:22:49: | So what you now see happening is that. |
| 00:22:49> 00:22:52: | The dominant topic on Costco 26 in Glasgow and even |
| 00:22:53> 00:22:56: | the Pricop in Milan next week on Friday is all |
| 00:22:56> 00:22:58: | about decarbonization, |
| 00:22:58> 00:23:02: | so decarbonization seems to be the language that most most |
| 00:23:02> 00:23:07: | countries geographies businesses use as most important way to to |
| 00:23:07> 00:23:09: | reduce the impact of climate change. |
| 00:23:09> 00:23:14: | The interesting thing is dominantly industries are looking at the |
| 00:23:14> 00:23:17: | energy side of life very less on other scopes and |
| 00:23:18> 00:23:22: | we could talk about scope 1/2 and three and decarbonization |
| 00:23:22> 00:23:26: | very less so on embodied carbon in materials and products |
| 00:23:27> 00:23:28: | and services. |
| 00:23:28> 00:23:31: | Or in in terms of how we how we operate |
| 00:23:31> 00:23:33: | our society. |
| 00:23:33> 00:23:36: | The interesting thing is circularity is often been seen as |
| 00:23:36> 00:23:38: | a kind of materials ready and to be fair, |
| 00:23:38> 00:23:40: | you know there's a lot of options you have by |
| 00:23:40> 00:23:44: | circular production where you can reduce the embodied carbon in |
| 00:23:44> 00:23:47: | products by alternative products by reusing, |
| 00:23:47> 00:23:50: | you know to avoid even using virgin materials, |
| 00:23:50> 00:23:54: | etc. So that's almost the basic level of circularity. |
| 00:23:54> 00:23:59: | The interesting thing is, circularity has moved from from a |
| 00:23:59> 00:24:00: | paradigm. |
| 00:24:00> 00:24:03: | Materials ready to a business strategy? |
| 00:24:03> 00:24:06: | How do we develop different business models in terms of |
| 00:24:06> 00:24:08: | how not only how the product looks like, |
| 00:24:08> 00:24:12: | but also how do we move from ownership of products |
| 00:24:12> 00:24:15: | and assets to kind of temporary ownership? |
| 00:24:15> 00:24:19: | How do we make sure that it developed cascades in |
| 00:24:19> 00:24:22: | a kind of toolkit for cities in terms of how |
| 00:24:22> 00:24:23: | they procure, |
| 00:24:23> 00:24:29: | how they, how they enable developments or block certain developments |
| 00:24:29> 00:24:30: | to try for, |
| 00:24:30> 00:24:33: | for example, for decarbonized developments. |
| 00:24:33> 00:24:37: | And that means that actually more than ever circle economy |
| 00:24:37> 00:24:40: | is relevant as a systemic approach to rethink everything we |
| 00:24:40> 00:24:41: | do, |

| 00:24:41> 00:24:44: | everything we produce rather than a solution on itself. |
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| 00:24:44> 00:24:46: | And I think if there's one personal effort, |
| 00:24:46> 00:24:51: | I think making creating the Nexus between decarbonization and circular |
| 00:24:52> 00:24:56: | economy is is that I managed to shift agendas from |
| 00:24:56> 00:24:58: | the Alamogordo Foundation, |
| 00:24:58> 00:25:01: | who are front and center and developing thought leadership to |
| 00:25:01> 00:25:03: | Kira towards the carbonization. |
| 00:25:03> 00:25:05: | Another one. I had to see the likes of World |
| 00:25:05> 00:25:05: | Circle, |
| 00:25:05> 00:25:09: | Economic Forum and World Economic Forum saying OK, |
| 00:25:09> 00:25:11: | if decarbonization is what we need to do. |
| 00:25:11> 00:25:14: | If if there's an outcome and decarbonize word, |
| 00:25:14> 00:25:17: | how can a systemic approach where where? |
| 00:25:17> 00:25:21: | Where's the circle economy provides all sorts of leveraged for |
| 00:25:21> 00:25:22: | that. |
| 00:25:22> 00:25:26: | Create the kind of language how to achieve that. |
| 00:25:26> 00:25:27: | That is the way how you can approach it, |
| 00:25:27> 00:25:29: | so it's one and the outcome. |
| 00:25:29> 00:25:32: | Another way, the systemic, more principled approach, |
| 00:25:32> 00:25:35: | how you can create better outcomes to get one very |
| 00:25:36> 00:25:37: | interesting example. |
| 00:25:37> 00:25:43: | Decarbonization everybody is looking at A at alternative energies like |
| 00:25:43> 00:25:47: | windmills and solar PV is but the products themselves are |
| 00:25:47> 00:25:49: | really really bad for for. |
| 00:25:49> 00:25:54: | For Equallogic now there's all kinds of raw materials being |
| 00:25:54> 00:25:58: | used so we're now in a phase where sustainable energy, |
| 00:25:58> 00:26:00: | which is the communist energy, |
| 00:26:00> 00:26:06: | is also paralleled by sustainable means to create energy like |
| 00:26:06> 00:26:07: | PVZ or windmills. |
| 00:26:07> 00:26:12: | Another thing is on the dehydration on the decarbonization is |
| 00:26:12> 00:26:14: | the transition to hydrogen. |
| 00:26:14> 00:26:16: | We have all sorts of colors of hydrogen or we |
| 00:26:16> 00:26:17: | get a colors blue, |
| 00:26:17> 00:26:21: | Gray and and green. |
| 00:26:21> 00:26:27: | Interesting thing if we transform existing drilling platforms for oil |
| 00:26:27> 00:26:30: | into electrolyzers for hydrogen, |
| 00:26:30> 00:26:33: | then the platform itself should not be decommissioned and thrown |

| 00:26:33> 00:26:33: | away, |
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| 00:26:33> 00:26:35: | which is not very circular, |
| 00:26:35> 00:26:39: | but we can use the same infrastructure to transport hydrogen |
| 00:26:39> 00:26:44: | fire electrolyzer for the same network towards land to the |
| 00:26:44> 00:26:44: | distributed. |
| 00:26:45> 00:26:48: | So these are and without the circle of principles applied. |
| 00:26:48> 00:26:50: | It would never have existed. |
| 00:26:50> 00:26:53: | So that is the kind of interesting rethinking how we |
| 00:26:53> 00:26:57: | actually go from current solutions to future solutions and not |
| 00:26:57> 00:26:58: | jumping into OK. |
| 00:26:58> 00:27:00: | So solar is a good thing to do because then |
| 00:27:01> 00:27:01: | you create others. |
| 00:27:01> 00:27:04: | Now it's much more systemically look what are the externalities |
| 00:27:04> 00:27:07: | of using all these products and how do you make |
| 00:27:07> 00:27:09: | sure that all the aspects are being well being covered? |
| 00:27:09> 00:27:13: | So that's that's how circle economy and decarbonization for example |
| 00:27:13> 00:27:15: | are not two different things actually they. |
| 00:27:15> 00:27:17: | Fully complementary to each other. |
| 00:27:18> 00:27:20: | Thank you Carol, that's very clear. |
| 00:27:20> 00:27:23: | John Forbes, John, do you want to say a few |
| 00:27:23> 00:27:24: | words about who you are? |
| 00:27:24> 00:27:27: | I know you, but maybe not everyone who you are, |
| 00:27:27> 00:27:27: | where you're from. |
| 00:27:28> 00:27:31: | Yeah, that might be useful in explaining kind of where |
| 00:27:31> 00:27:34: | I'm coming from on this so that my name is |
| 00:27:34> 00:27:35: | John Forbes. |
| 00:27:35> 00:27:38: | I'm a consultant. I advise on the the sort of |
| 00:27:38> 00:27:43: | structure and operation of real estate investment vehicles so real |
| 00:27:43> 00:27:44: | estate fund. |
| 00:27:44> 00:27:48: | So I I approached this from the the fund and |
| 00:27:48> 00:27:50: | institutional investor. |
| 00:27:50> 00:27:54: | Effective, so I'm not an ESG expert. |
| 00:27:54> 00:27:58: | So I am looking at this very closely at the |
| 00:27:58> 00:27:59: | moment from. |
| 00:27:59> 00:28:02: | The perspective of the the speed of development of the |
| 00:28:02> 00:28:04: | regulatory framework around it. |
| 00:28:04> 00:28:09: | That really is. I'm driving how institutional investors look at |
| 00:28:09> 00:28:13: | this and and is going to accelerate and he's going |
| 00:28:13> 00:28:16: | to have a big knock on effect on. |
| 00:28:16> 00:28:20: | On funds and that there are a couple of common |

| 00.00.00 > 00.00.05. | the map that have some out of the implementation of CEDD |
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| 00:28:20> 00:28:25: 00:28:25> 00:28:30: | themes that have come out of the implementation of SFDR in the EU and and the consultation that the UK |
| | |
| 00:28:30> 00:28:35: | has been running on the UK framework for UM, |
| 00:28:35> 00:28:41: | ESG disclosure by funds, pension funds and insurance |
| 00:28:41> 00:28:46: | companies, but that goes well beyond the UK because the UK |
| 00:28:46> 00:28:47: | is. |
| | |
| 00:28:47> 00:28:55: | Uhm? Seeking to implement a cved based approach in implementing |
| 00:28:55> 00:28:57: | the TSTTCFD up. |
| 00:28:57> 00:29:01: | Uhm recommendations and as a result of that, |
| 00:29:01> 00:29:06: | the UM, UM? TCF, the Secretariat has sort of got |
| 00:29:07> 00:29:08: | involved, |
| 00:29:08> 00:29:12: | so the UK sort of leading where that where the |
| 00:29:12> 00:29:16: | CFD is going and and the the the problem that |
| 00:29:16> 00:29:18: | sort of started with the UM, |
| 00:29:19> 00:29:21: | the SFDR in the EU, |
| 00:29:21> 00:29:25: | that was the UM. It wasn't really designed with the |
| 00:29:25> 00:29:28: | idea of investing in real estate, |
| 00:29:28> 00:29:32: | so it's designed friends of investing in securities, |
| 00:29:32> 00:29:35: | particularly sort of listed securities. |
| 00:29:35> 00:29:39: | When the the first draft of the RTS came out |
| 00:29:39> 00:29:41: | various real estate. |
| 00:29:41> 00:29:45: | Industry bodies, including in reading the Association of real |
| | estate |
| 00:29:45> 00:29:46: | funds in the UK. |
| 00:29:48> 00:29:52: | Drafted a response pointing out that the RTS just didn't |
| 00:29:52> 00:29:56: | work for real estate as an asset class and I |
| 00:29:56> 00:29:59: | was involved in that that drafting and as a result |
| 00:30:00> 00:30:02: | of that the UM, a new RT, |
| 00:30:02> 00:30:06: | the new RTS that came out did have specific real |
| 00:30:06> 00:30:08: | estate metrics, |
| 00:30:08> 00:30:11: | but they're still quite problematic. |
| 00:30:11> 00:30:15: | Uhm? The UK consultation UM, |
| 00:30:15> 00:30:19: | which seeks to apply this T CFD approach again and |
| 00:30:19> 00:30:23: | the CFD starting point is based on securities and listed |
| 00:30:23> 00:30:27: | securities and doesn't really work for real estate and the |
| 00:30:27> 00:30:34: | UK. Proposed metrics didn't really work for for real estate, |
| 00:30:34> 00:30:41: | so uhm, various UK real estate industry bodies plus inrev |
| 00:30:41> 00:30:47: | to collectively responded to that on the 10th of September. |
| 00:30:47> 00:30:52: | And have. Sort of got the industry to rally round |
| 00:30:52> 00:30:57: | the use of crme as the sort of standard reporting |
| 00:30:57> 00:30:57: | tool, |
| | |

| 00:30:57> 00:31:01: | so we've gone back to the FCA in the UK |
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| 00:31:01> 00:31:05: | and suggested that the the UM? |
| 00:31:05> 00:31:10: | Uh, the UM cram the UM. |
| 00:31:10> 00:31:14: | Their carbon risk real estate model tool should be the |
| 00:31:14> 00:31:18: | kind of the standard around which the the industry rallies |
| 00:31:18> 00:31:22: | and that becomes the sort of standard tool for carbon |
| 00:31:22> 00:31:27: | reporting for real estate to feed into the CFD. |
| 00:31:27> 00:31:30: | And then there's been an exercise done by CBR E |
| 00:31:30> 00:31:33: | and mapping that to the SF .2 as well. |
| 00:31:33> 00:31:35: | So I mean effectively and we think the UK really |
| 00:31:35> 00:31:37: | keen on pushing this very quickly, |
| 00:31:37> 00:31:40: | so they want to make a kind of eye catching. |
| 00:31:40> 00:31:44: | Announcement at COP 26 and the EU FDR RTS is |
| 00:31:44> 00:31:50: | being amended and the implementation of that's been delayed by |
| 00:31:50> 00:31:51: | six months, |
| 00:31:51> 00:31:56: | so we we think there's a kind of industry consensus |
| 00:31:56> 00:32:02: | around for fund managers and pension funds and insurance companies |
| 00:32:02> 00:32:06: | as in building around Kremers that carbon. |
| 00:32:06> 00:32:11: | Reporting tool for the real estate investment industry. |
| 00:32:11> 00:32:13: | So I mean that that. |
| 00:32:13> 00:32:18: | Hasn't got particularly widely disseminated yet. |
| 00:32:18> 00:32:21: | I don't think and and there are some issues on |
| 00:32:21> 00:32:23: | Chrome that need to be addressed, |
| 00:32:23> 00:32:28: | but generally come from a top down approach from the |
| 00:32:28> 00:32:31: | institutional investors down. |
| 00:32:31> 00:32:34: | I think. I mean, I think it's going to be |
| 00:32:34> 00:32:37: | crap and I think this is going to take. |
| 00:32:37> 00:32:41: | It's a huge step forward in the EU next year |
| 00:32:42> 00:32:43: | when they come. |
| 00:32:43> 00:32:47: | As part of the SFDR and one of the next |
| 00:32:47> 00:32:52: | provisions that come in is that insurance companies and UM. |
| 00:32:52> 00:32:57: | Pension providers have to actually ask their clients whether they |
| 00:32:57> 00:33:00: | want their their investments to be green or not. |
| 00:33:00> 00:33:05: | So once you start asking all your. |
| 00:33:05> 00:33:08: | Clients as an insurance company or a pension fund, |
| 00:33:08> 00:33:12: | whether they want clean investment or dirty investment. |
| 00:33:12> 00:33:14: | I think we know where the answer is going to |
| 00:33:14> 00:33:17: | fall and that will one feed down through their investment |
| 00:33:17> 00:33:20: | process and we're already seeing that with life companies which |

| 00:33:20> 00:33:22: | will feed down into the. |
|---------------------|---|
| 00:33:22> 00:33:26: | Real estate from managers which will feed down into the |
| 00:33:26> 00:33:28: | sort of buildings they want to buy, |
| 00:33:28> 00:33:32: | and so we're going to have a I think a |
| 00:33:32> 00:33:38: | very regulatory driven world from next year and my view |
| 00:33:38> 00:33:42: | is that lend up being a a sort of cream |
| 00:33:42> 00:33:43: | based world. |
| 00:33:46> 00:33:50: | So I recognize many of these kind of developments and |
| 00:33:50> 00:33:55: | it seems that every geography has its own abbreviations and |
| 00:33:55> 00:33:57: | and all it takes is that one. |
| 00:33:57> 00:34:00: | But I also see increasingly happening that moving away that |
| 00:34:00> 00:34:01: | that's not only about reporting, |
| 00:34:01> 00:34:04: | but also how does this really influence decision making and |
| 00:34:05> 00:34:06: | strategizing investments? |
| 00:34:06> 00:34:08: | And I think that's what the ultimate goal should be, |
| 00:34:08> 00:34:08: | isn't it? |
| 00:34:09> 00:34:13: | Absolutely that, sorry, I should have said that a CFD |
| 00:34:13> 00:34:17: | is the task force for climate related financial. |
| 00:34:17> 00:34:21: | Global framework and the UN. |
| 00:34:21> 00:34:25: | The PRI are pushing at the cop 26 for that |
| 00:34:25> 00:34:30: | to the car under tree for listed companies, |
| 00:34:30> 00:34:34: | and the standard for everyone else. |
| 00:34:34> 00:34:37: | So I think the the the way that TCF D |
| 00:34:37> 00:34:42: | is going although it's been initiated by the UK I |
| 00:34:42> 00:34:44: | I think that's going to be. |
| 00:34:44> 00:34:48: | And end up being the sort of global thing that |
| 00:34:48> 00:34:51: | gets pushed for responsible investment at COP 26. |
| 00:34:52> 00:34:54: | Yes, I have to say an impression so that that's |
| 00:34:54> 00:34:56: | one of the I think one of the good initiatives. |
| 00:34:56> 00:34:59: | And I hope the well I should set this global |
| 00:34:59> 00:35:02: | that we will also provide us with joint language so |
| 00:35:02> 00:35:03: | that we we we, |
| 00:35:03> 00:35:07: | we we test our investments against the same kind of |
| 00:35:07> 00:35:08: | metrics. |
| 00:35:08> 00:35:12: | If you like again it is, |
| 00:35:12> 00:35:15: | it would be really interesting if it's really how it |
| 00:35:15> 00:35:16: | will change. |
| 00:35:16> 00:35:19: | Also actually not only investing in a good but also |
| 00:35:19> 00:35:22: | what it means for those assessment that gets. |
| 00:35:22> 00:35:23: | For example, stranded you know, |
| 00:35:23> 00:35:26: | so stranded assets and move those things. |
| 00:35:26> 00:35:28: | So I think that's the responsibility you see now. |
| | |

| 00:35:28> 00:35:31: | Also, increasingly servicing that organization? |
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| 00:35:31> 00:35:34: | OK, yes, this is going to happen, |
| 00:35:34> 00:35:36: | but how can we, in the spirit of these new |
| 00:35:36> 00:35:39: | developments around TCF D and other frameworks, |
| 00:35:39> 00:35:42: | mandatory reporting initiatives? How can we add her to that? |
| 00:35:42> 00:35:44: | And what does it mean for my product or my |
| 00:35:44> 00:35:45: | investment thing now? |
| 00:35:45> 00:35:46: | And some financials? For example, |
| 00:35:46> 00:35:49: | like I know, maybe number or our bank? |
| 00:35:49> 00:35:52: | They formed our coalition of the willing also say OK, |
| 00:35:52> 00:35:53: | how can we help those? |
| 00:35:53> 00:35:56: | Organization where we wish we had a finance or help |
| 00:35:56> 00:35:59: | them funding stuff or we make sure that we help |
| 00:35:59> 00:36:02: | them creating a Better Business case for it because in |
| 00:36:02> 00:36:06: | five years time you know this becomes all very mandatory, |
| 00:36:06> 00:36:09: | but we know we are now already designing all decisions |
| 00:36:09> 00:36:11: | on investment that only happened in 10 years time. |
| 00:36:11> 00:36:15: | So there's also kind of timing issue that regulatory can |
| 00:36:15> 00:36:18: | never catch up with not catching up yet, |
| 00:36:18> 00:36:19: | but it's being aware we need to change at the |
| 00:36:19> 00:36:20: | moment. |
| 00:36:20> 00:36:23: | So there's also kind of responsibility of leadership itself. |
| 00:36:23> 00:36:25: | Not to wait for that, |
| 00:36:25> 00:36:26: | but try to live in the spirit with all its |
| 00:36:27> 00:36:29: | uncertainties and see how do I adapt my business to |
| 00:36:29> 00:36:29: | that, |
| 00:36:29> 00:36:31: | and I think that's the kind of big, |
| 00:36:31> 00:36:33: | big big game that's going out at the moment. |
| 00:36:34> 00:36:36: | I'm glad too, yeah John. |
| 00:36:36> 00:36:38: | I would like to move on. |
| 00:36:38> 00:36:40: | There are more questions brief please. |
| 00:36:45> 00:36:47: | I was just going to circulate the paper to the |
| 00:36:47> 00:36:48: | attendees if they're interested. |
| 00:36:48> 00:36:50: | That went into the regular. |
| 00:36:50> 00:36:52: | If I send it to you circulate, |
| 00:36:52> 00:36:52: | it |
| 00:36:52> 00:36:57: | will circulated. Thanks John, that's much appreciated in my email. |
| 00:36:57> 00:36:58: | Yes |
| 00:36:58> 00:36:58: | hello, my |
| 00:36:58> 00:37:02: | name is Emanuel who's well I'm the managing partner of |
| 00:37:02> 00:37:03: | venture capital funds. |
| VV.J1.VZ VV.J1.VJ. | venture capital fundo. |

| 00:37:03> 00:37:08: | Investing in startups and scaleups in the real estate industry |
|--|--|
| 00:37:03> 00:37:08. 00:37:08> 00:37:13: | and one of our investment angle is a drive to |
| 00:37:13> 00:37:17: | sustainability and then technology. |
| 00:37:17> 00:37:20: | And in that respect just to echo what I've heard, |
| 00:37:20> 00:37:23: | I've heard today and we see a lot of traction |
| 00:37:23> 00:37:25: | from an investment perspective. |
| 00:37:25> 00:37:28: | But also user perspective in the startup and scalar. |
| 00:37:28> 00:37:32: | Looking after data and data collection for CEOs to |
| 00:37:32> 00:37:34: | make decision a reporting |
| 00:37:34> 00:37:36: | requirement, obviously, |
| 00:37:36> 00:37:36: | and there's |
| 00:37:36> 00:37:38: | a lack |
| 00:37:38> 00:37:39: | of data about performance |
| 00:37:39> 00:37:42: | of a building performance of a material in a very |
| 00:37:42> 00:37:45: | structured and simple way, |
| 00:37:42> 00:37:45: 00:37:46> 00:37:47: | |
| 00:37:47> 00:37:47: | presented, disrupted |
| 00:37:47> 00:37:47: | and simple way. |
| | And this, I think |
| 00:37:49> 00:37:53: 00:37:53> 00:37:55: | is a issue that is being tackled, |
| 00:37:55> 00:37:58: | tax of money and so on and so on, |
| 00:37:55> 00:37:58: | but not fast enough for people to make decisions. |
| | So what we have the view |
| 00:37:59> 00:38:04: | of colon that yeah, perhaps to add on that. |
| 00:38:04> 00:38:09: | Really, really important. What you see is that. |
| 00:38:09> 00:38:12: | This will probably also mean a kind of the end |
| 00:38:12> 00:38:14: | of of of certificates only, |
| 00:38:14> 00:38:19: | no? We we we often demand certain certificates on the |
| 00:38:19> 00:38:20: | initial design, |
| 00:38:20> 00:38:22: | for example of an asset or a product. |
| 00:38:22> 00:38:24: | But we not monitoring them. |
| 00:38:24> 00:38:26: | And that means that you know we have very little |
| 00:38:26> 00:38:30: | proof of whether the whether the solutions really work, |
| 00:38:30> 00:38:32: | weather weather really performing as intended, |
| 00:38:32> 00:38:34: | so you see now a shift. |
| 00:38:34> 00:38:37: | Also in for example in the build environment in developing |
| 00:38:37> 00:38:38: | this digital twin, |
| 00:38:38> 00:38:40: | which is a kind of buzzword. |
| 00:38:40> 00:38:42: | But really, not only looking how it's intended and why |
| 00:38:42> 00:38:43: | do we get a certificate on, |
| 00:38:43> 00:38:46: | but how do we measure during the operational stage of |
| 00:38:46> 00:38:49: | an asset and how it can continuously improve to info |
| 00:38:49> 00:38:50: | and input? |

| 00:38:50> 00:38:55: | Actually dead data and reporting initiatives, |
|---------------------|--|
| 00:38:55> 00:38:58: | and to re strategize for the next cycles of investments |
| 00:38:58> 00:38:59: | etc. |
| 00:38:59> 00:39:02: | And it's almost used sometimes those are running at 140 |
| 00:39:02> 00:39:06: | series I we are currently working with really really large |
| 00:39:06> 00:39:09: | international firms that send me legislation. |
| 00:39:09> 00:39:10: | The energy bill say well. |
| 00:39:10> 00:39:13: | This is our view on decarbonization. |
| 00:39:13> 00:39:17: | How are we doing and you know that many organizations |
| 00:39:17> 00:39:18: | I have to rethink? |
| 00:39:18> 00:39:20: | OK, where is all the carbon sitting? |
| 00:39:20> 00:39:23: | How do I monitor and track and inform our decision |
| 00:39:23> 00:39:24: | on that one? |
| 00:39:24> 00:39:27: | I think there's a whole new thing compared against the |
| 00:39:28> 00:39:32: | raft of initiatives around certificates which are still can be |
| 00:39:32> 00:39:35: | helpful for you to reference how good design looks like, |
| 00:39:35> 00:39:37: | for example, or how good product looks like, |
| 00:39:37> 00:39:39: | but it's not the end of the game. |
| 00:39:39> 00:39:41: | We need to really go into a plan. |
| 00:39:41> 00:39:46: | Do check. X cycle almost around carbon 2. |
| 00:39:46> 00:39:46: | Yeah. |
| 00:39:49> 00:39:52: | More questions from the audience yeah. |
| 00:39:52> 00:39:53: | Hi Nick, go out. |
| 00:39:55> 00:39:56: | Two things for Carol, really. |
| 00:39:56> 00:39:58: | The first is. I mean, |
| 00:39:58> 00:40:00: | this is a subject that isn't going away. |
| 00:40:00> 00:40:02: | It's becoming more and more important. |
| 00:40:02> 00:40:06: | I think the real estate industry is bought into the |
| 00:40:06> 00:40:07: | concept, |
| 00:40:07> 00:40:09: | but I think what Carol referred to, |
| 00:40:09> 00:40:13: | you know the the stranded assets is a major issue. |
| 00:40:13> 00:40:18: | And I'd just like to get his thoughts and anybody |
| 00:40:18> 00:40:19: | else's thoughts on. |
| 00:40:19> 00:40:22: | What on earth? You know the realist in industry? |
| 00:40:22> 00:40:25: | Does you know city by city around the globe? |
| 00:40:25> 00:40:27: | With these stranded assets that, |
| 00:40:27> 00:40:30: | even for example, we have a brand newly refurbished central |
| 00:40:30> 00:40:34: | London office building that was completed last month, |
| 00:40:34> 00:40:36: | it probably is no longer compliant. |
| 00:40:36> 00:40:40: | It probably no longer has the kind of taxonomy associated |
| 00:40:40> 00:40:43: | with it that we would have if we were starting |
| 00:40:43> 00:40:44: | it afresh today. |

| 00:40:44> 00:40:48: | So what happens to all this stranded real estate, |
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| 00:40:48> 00:40:52: | and is there any kind of government support? |
| 00:40:52> 00:40:56: | Because after all, it's the authorities who are forcing the |
| 00:40:56> 00:40:59: | time frame here for something that is perfectly worthy, |
| 00:40:59> 00:41:04: | but it's taking the industry somewhat by surprise, |
| 00:41:04> 00:41:09: | and the second point is around whether Carol believes |
| | occupiers |
| 00:41:09> 00:41:14: | are moving as fast as investors and landlords and owners |
| 00:41:14> 00:41:16: | generally need to come. |
| 00:41:16> 00:41:20: | l can just give you an everyday example from our |
| 00:41:20> 00:41:22: | business where we are. |
| 00:41:22> 00:41:27: | Trying to get the buy in from tenants of an |
| 00:41:27> 00:41:31: | office building happens to be in Paris. |
| 00:41:31> 00:41:35: | To proper data collection which allows us to judge better |
| 00:41:35> 00:41:38: | the performance of the building and what needs to be |
| 00:41:38> 00:41:40: | done to improve it. |
| 00:41:40> 00:41:42: | And the tenants aren't really that interested, |
| 00:41:42> 00:41:47: | they're busy. Any thoughts on how we get the occupier |
| 00:41:47> 00:41:49: | buy into all this? |
| 00:41:51> 00:41:52: | You're looking for the Holy Grail, |
| 00:41:52> 00:41:57: | I think. No so so I I have to reflect |
| 00:41:57> 00:41:58: | quickly, |
| 00:41:58> 00:42:00: | but I'm would be also for my interest and like |
| 00:42:00> 00:42:03: | to understand I don't under once takes on this one, |
| 00:42:03> 00:42:06: | but this trend and issues thing is really really big. |
| 00:42:06> 00:42:09: | You know and especially in those industries which gets stranded |
| 00:42:09> 00:42:12: | by by the fact that the common no is really |
| 00:42:12> 00:42:13: | objecting again, |
| 00:42:13> 00:42:16: | their businesses. It's really it's been issue and I mentioned |
| 00:42:16> 00:42:17: | already oil industry. |
| 00:42:17> 00:42:19: | If you look not only at the production side upstream |
| 00:42:19> 00:42:22: | but also downstream the older the infrastructure. |
| 00:42:22> 00:42:24: | Now if if we are unlucky you know. |
| 00:42:24> 00:42:27: | And just buy, for example, |
| 00:42:27> 00:42:29: | a choice of pension funds not invest in certain industries. |
| 00:42:29> 00:42:32: | They become stranded from today to tomorrow, |
| 00:42:32> 00:42:36: | isn't it? So it's almost with the with the blink |
| 00:42:36> 00:42:37: | of an eye. |
| 00:42:37> 00:42:39: | So I don't have a solution for everything, |
| 00:42:39> 00:42:43: | but I now increasingly an interesting project is Cavendish in |
| 00:42:43> 00:42:43: | the UK, |
| 00:42:43> 00:42:48: | where we now look. How can we use existing infrastructure |
| | |

| 00:42:48> 00:42:51: | in this case for energy reuse that by mouth adoptions |
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| 00:42:52> 00:42:52: | to use that. |
| 00:42:52> 00:42:55: | For example hydrogen? Actually, that's quite successful, |
| 00:42:55> 00:42:57: | so that means not digging up the whole city, |
| 00:42:57> 00:43:00: | not taking out all the old infrastructure, |
| 00:43:00> 00:43:02: | but adapting and changing that. |
| 00:43:02> 00:43:05: | So at least you have extension of lifetime life cycle, |
| 00:43:05> 00:43:07: | but you also see is some kind of. |
| 00:43:07> 00:43:11: | Increasing push from governments to look at existing assets |
| | and |
| 00:43:11> 00:43:13: | to reuse or repurpose them. |
| 00:43:13> 00:43:15: | Even office spaces for example. |
| 00:43:15> 00:43:17: | And depending on the geography you know, |
| 00:43:17> 00:43:19: | I know where I live. |
| 00:43:19> 00:43:22: | A big problem with affordable housing we had a while. |
| 00:43:22> 00:43:25: | You know, lesser need of office spaces rather than build |
| 00:43:25> 00:43:25: | new houses. |
| 00:43:25> 00:43:28: | How can we repurpose existing assets, |
| 00:43:28> 00:43:32: | for example, for living or all industrial heritage now, |
| 00:43:32> 00:43:36: | which now becomes very fashionable because they'll be repurposed and |
| 00:43:36> 00:43:37: | they can be reused for officers. |
| 00:43:37> 00:43:41: | Lot of building news, so there's a few positive ones |
| 00:43:41> 00:43:45: | and you see increasingly the cities like Amsterdam or the |
| 00:43:45> 00:43:45: | like. |
| 00:43:45> 00:43:49: | I know from Milan and Genoa they are taking a |
| 00:43:49> 00:43:51: | perspective of how can we. |
| 00:43:51> 00:43:55: | Uh always over sweat existing assets by upgrading them repurposing |
| 00:43:55> 00:43:59: | them rather than demolishing it because there's still unfortunately the |
| 00:43:59> 00:44:00: | the reflex. |
| 00:44:00> 00:44:02: | We have also developers and I think that also counts |
| 00:44:02> 00:44:04: | for car manufacturing for example, |
| 00:44:04> 00:44:07: | you know where we used to throw away old cars |
| 00:44:07> 00:44:09: | like just to scrap value. |
| 00:44:09> 00:44:12: | I know Reno, it made a server business case out |
| 00:44:12> 00:44:15: | of reuse existing components out of old cars seller is |
| 00:44:15> 00:44:18: | new with the same guarantees which is a very strong |
| 00:44:18> 00:44:21: | business case. Actually, I learned from the one of the |
| 00:44:21> 00:44:21: | C Oh, |
| 00:44:21> 00:44:23: | oh sorry no. It's the most profitable part of the |
| 00:44:23> 00:44:24: | business not selling the new cars, |

| 00:44:24> 00:44:29: | but actually the whole well circular product thing if you |
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| 00:44:29> 00:44:29: | like. |
| 00:44:29> 00:44:32: | But that is a big issue and I think it's |
| 00:44:32> 00:44:35: | also become stranded if not up front. |
| 00:44:35> 00:44:36: | We give it some thought. |
| 00:44:36> 00:44:37: | What will happen with the next live state? |
| 00:44:37> 00:44:41: | So again, certainly economy is forcing you not. |
| 00:44:41> 00:44:42: | I'm not trying to sell, |
| 00:44:42> 00:44:45: | simply calling better, but I think it's appealing because it's |
| 00:44:45> 00:44:47: | forcing you before you start developing, |
| 00:44:47> 00:44:50: | designing products or ever what will happen after this life |
| 00:44:50> 00:44:51: | cycle. |
| 00:44:51> 00:44:54: | Or how do you make it sure that it complies |
| 00:44:54> 00:44:57: | with future expected regulations or demands or energy? |
| 00:44:57> 00:45:00: | And actually it's quite urgent because. |
| 00:45:00> 00:45:02: | I now see the daily base still making decisions which |
| 00:45:02> 00:45:04: | will for sure not at her next year to the |
| 00:45:04> 00:45:07: | taxonomies or in five years time or 20 years time |
| 00:45:07> 00:45:10: | to the wider agenda. So that's really important. |
| 00:45:10> 00:45:15: | The other thing on occupiers I do appreciate what you're |
| 00:45:15> 00:45:15: | saying. |
| 00:45:15> 00:45:17: | If I'm looking to my own history, |
| 00:45:17> 00:45:22: | working with organization for example in real estate for me |
| 00:45:22> 00:45:22: | the most. |
| 00:45:22> 00:45:26: | Uhm, positive ones to work with weirdos that hold the |
| 00:45:26> 00:45:30: | money that are developing the real estate themselves and occupy |
| 00:45:30> 00:45:34: | themselves because they can almost control the whole value chain. |
| 00:45:34> 00:45:36: | You know from where do I put my money in? |
| 00:45:36> 00:45:38: | I can evaluate where I put it in to have |
| 00:45:38> 00:45:41: | a better thing and it also can happen compute well |
| 00:45:41> 00:45:43: | for example to my reporting initiative, |
| 00:45:43> 00:45:47: | but in future will be mandatory airports now same thing, |
| 00:45:47> 00:45:50: | most airports being owned by the airport itself or at |
| 00:45:50> 00:45:52: | least invested behind it are really full. |
| 00:45:52> 00:45:56: | So it's also about probably partly. |
| 00:45:56> 00:45:59: | Rethinking how should developers actually be structured, |
| 00:45:59> 00:46:01: | you know, is this a traditional way of developers, |
| 00:46:01> 00:46:04: | investors and occupiers? We could be completely split. |
| 00:46:04> 00:46:07: | Or can we think of joint incentives? |
| 00:46:07> 00:46:09: | For example, if we develop in the right way, |
| | |

| 00:46:09> 00:46:11: | can this result in an incentive? |
|---------------------|--|
| 00:46:11> 00:46:14: | For example in? For the, |
| 00:46:14> 00:46:17: | for the, for the tenant I I've just heard of |
| 00:46:17> 00:46:22: | a concert where the developer is actually developing an office |
| 00:46:22> 00:46:22: | space. |
| 00:46:22> 00:46:25: | But it doesn't rent it for a fixed price per |
| 00:46:25> 00:46:26: | square meter is neither. |
| 00:46:26> 00:46:29: | Is it the the work we were kind of concept |
| 00:46:29> 00:46:33: | but sharing the same space with multiple organizations create high |
| 00:46:33> 00:46:36: | occupancy rates and together they also said OK, |
| 00:46:36> 00:46:39: | this is how for example sustainability look like in the |
| 00:46:39> 00:46:41: | development and that means that there is a challenge for |
| 00:46:41> 00:46:43: | developers to rethink their current position. |
| 00:46:43> 00:46:46: | I would say and just the split incentives we now |
| 00:46:46> 00:46:50: | often see between on one hand developers and occupiers. |
| 00:46:50> 00:46:52: | And I think we need to find this joint joint |
| 00:46:52> 00:46:53: | incentives and that's. |
| 00:46:53> 00:46:55: | Coming back to what I was saying earlier, |
| 00:46:55> 00:46:56: | this is also mutual gain. |
| 00:46:56> 00:46:59: | So how is the development strategy not only leading to |
| 00:47:00> 00:47:02: | a good return on investment or even a nice or |
| 00:47:02> 00:47:04: | internal investment? |
| 00:47:04> 00:47:07: | But how do we make sure that it would you |
| 00:47:07> 00:47:10: | want to get out of your assets is also playing |
| 00:47:10> 00:47:14: | out into kind of incentives for your occupier. |
| 00:47:14> 00:47:18: | Again, that's kind of kinds quite some experiments in real |
| 00:47:18> 00:47:18: | estate. |
| 00:47:18> 00:47:21: | How circle economy models would adhere to what you are |
| 00:47:21> 00:47:22: | saying, |
| 00:47:22> 00:47:24: | but. And if we have big issues with this as |
| 00:47:25> 00:47:27: | well as we have with stranded assets, |
| 00:47:27> 00:47:29: | which I will will, |
| 00:47:29> 00:47:31: | which I see really, as one of the biggest next, |
| 00:47:31> 00:47:33: | next biggest things we need to deal with. |
| 00:47:35> 00:47:38: | And Carol and Nick you your first point, |
| 00:47:38> 00:47:41: | or stranded assets actually leads me to the following question |
| 00:47:41> 00:47:42: | and and cuddle. |
| 00:47:42> 00:47:46: | You also touched on it in the beginning where you |
| 00:47:46> 00:47:49: | gave an example of housing and not leading to the |
| 00:47:49> 00:47:54: | maximum not requesting the maximum land value actually to |

| | deliver |
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| 00:47:54> 00:47:58: | that, and I think that's also partly what Nick is |
| 00:47:58> 00:48:02: | pointing to is how can we create those collaboration models |
| 00:48:02> 00:48:05: | that basically we share the pain or create? |
| 00:48:05> 00:48:11: | The mutual opportunity. So you have worked across public |
| | private |
| 00:48:11> 00:48:12: | nonprofit sectors. |
| 00:48:12> 00:48:16: | What do you think is needed for those sectors to |
| 00:48:16> 00:48:18: | collaborate successfully, |
| 00:48:18> 00:48:21: | which I'm not sure there's a successful general past history |
| 00:48:22> 00:48:25: | in doing that to tackle those challenges ahead and would |
| 00:48:25> 00:48:28: | be great if you can share examples of where you've |
| 00:48:28> 00:48:30: | seen it happening. Yeah, |
| 00:48:30> 00:48:33: | so. The first thing that comes to mind is create |
| 00:48:33> 00:48:37: | coalitions Wheeling and dealing start with I think leaders or |
| 00:48:37> 00:48:37: | organizations. |
| 00:48:37> 00:48:41: | So can we really find kind of joints places to |
| 00:48:41> 00:48:43: | work at or topics to work on to to make |
| 00:48:43> 00:48:45: | sure that we change something? |
| 00:48:45> 00:48:49: | I know in Amsterdam. Sorry for the examples in Dallas, |
| 00:48:49> 00:48:52: | but we're working so much that they have now this |
| 00:48:53> 00:48:56: | this circle economy agenda and actually what they do is |
| 00:48:56> 00:48:58: | they have from the government. |
| 00:48:58> 00:49:01: | They have a performance ready on lands where they actually |
| 00:49:01> 00:49:02: | can give you bonus. |
| 00:49:02> 00:49:04: | Point if you come up with Circle solutions for certain |
| 00:49:04> 00:49:05: | land development, |
| 00:49:05> 00:49:08: | I know the Barber buys the the prison complex in |
| 00:49:08> 00:49:12: | Amsterdam has been been been intended under that that in |
| 00:49:12> 00:49:13: | that spirit, |
| 00:49:13> 00:49:18: | which actually, on one hand challenges the submit submitters of |
| 00:49:18> 00:49:22: | plans to to really think better than the traditional developments. |
| 00:49:22> 00:49:25: | But they're also city vamps. |
| 00:49:25> 00:49:28: | Them is willing to do something with price points of |
| 00:49:28> 00:49:29: | lands or other incentives, |
| 00:49:29> 00:49:33: | or for example on text or on other things. |
| 00:49:33> 00:49:36: | You see that there's a material site, |
| 00:49:36> 00:49:39: | for example, largely dishes. One margin issue is modest and |
| 00:49:39> 00:49:41: | I have to be on the board so, |
| 00:49:41> 00:49:44: | but the foundation is actually advocating that cities on |
| | themselves |

| 00:49:45> 00:49:46: | are repositories and materials. |
|---------------------|--|
| 00:49:46> 00:49:49: | So how do you make sure that you create a |
| 00:49:49> 00:49:53: | kind of market between materials coming out of existing building |
| 00:49:53> 00:49:54: | as existing assets? |
| 00:49:54> 00:49:56: | And how do you reuse them? |
| 00:49:56> 00:49:58: | That sounds simple, just like recycling, |
| 00:49:58> 00:49:59: | but actually it could stare. |
| 00:49:59> 00:50:03: | How still produces talk about more standardization of |
| | materials that. |
| 00:50:03> 00:50:07: | Can be reused over and over again as an example, |
| 00:50:07> 00:50:11: | or how will it actually introduce new production methods or |
| 00:50:11> 00:50:15: | new ways of planning so that and I would call |
| 00:50:15> 00:50:17: | the coalition of the willing. |
| 00:50:17> 00:50:21: | Where, for example, the city's agenda bringing together parties that |
| 00:50:21> 00:50:24: | all have a personal interest now to make profit on |
| 00:50:24> 00:50:27: | a certain development or create better livability, |
| 00:50:27> 00:50:30: | but to find a common place and how you frame |
| 00:50:30> 00:50:32: | such a development. |
| 00:50:32> 00:50:34: | How you enable such a development. |
| 00:50:34> 00:50:35: | So that you create those joints, |
| 00:50:35> 00:50:39: | joint wins those those mutual gains. |
| 00:50:39> 00:50:40: | But you also see, for example, |
| 00:50:40> 00:50:43: | in some banks. UM, they're embracing these kind of concepts |
| 00:50:43> 00:50:44: | and say, |
| 00:50:44> 00:50:46: | OK, should we, for example, |
| 00:50:46> 00:50:48: | finance buildings above 25 million, |
| 00:50:48> 00:50:50: | which is actually happening in the nelons, |
| 00:50:50> 00:50:54: | could we require from those that ask for this? |
| 00:50:54> 00:50:57: | For example, this loan for material passports, |
| 00:50:57> 00:51:00: | or on a more more proactive site? |
| 00:51:00> 00:51:02: | l know bank like entails. |
| 00:51:02> 00:51:08: | Some Paulo is now helping set up a sustainable business |
| 00:51:08> 00:51:09: | case for, |
| 00:51:09> 00:51:13: | for starters. Or more mature building to mature organizations. |
| 00:51:13> 00:51:16: | Say if you know structure your business like this or |
| 00:51:16> 00:51:19: | if you insist this these kind of things we are |
| 00:51:19> 00:51:21: | able to enable you with better, |
| 00:51:21> 00:51:24: | better, better loans or better better interest rates. |
| 00:51:24> 00:51:26: | So you see there's a kind of interest from financial |
| 00:51:27> 00:51:30: | institutions and I was a bit positively surprised about that. |

| 00:51:30> 00:51:33: | They're not really leaking for what is my ich as |
|--|---|
| 00:51:30> 00:51:35: 00:51:33> 00:51:36: | They're not really looking for what is my job as a financial enabler on financial investments. |
| 00:51:36> 00:51:40: | |
| | To help navigate others to making better decisions. |
| 00:51:40> 00:51:43: | And you see that increasingly also happening at World Bank, |
| 00:51:43> 00:51:46: | for example, who are really keen to see. |
| 00:51:46> 00:51:48: | OK, how can we apply these concepts of mentioning? |
| 00:51:48> 00:51:52: | And when we grant for certain investments, |
| 00:51:52> 00:51:54: | how do we make sure that we help those that |
| 00:51:55> 00:51:58: | are present less mature or who have handles on hand |
| 00:51:58> 00:52:00: | to potentially doing sustainable development? |
| 00:52:00> 00:52:04: | How do we? Before projects happens, |
| 00:52:04> 00:52:07: | how do you make sure that we frame and organized |
| 00:52:07> 00:52:10: | in such a way that the outcomes are more sustainable? |
| 00:52:10> 00:52:13: | So this sustainability consciousness which starts, |
| 00:52:13> 00:52:16: | I think at leaders you see that increase that we |
| 00:52:16> 00:52:19: | have now dripping into real action, |
| 00:52:19> 00:52:22: | and I think it's about reaching a tipping point I |
| 00:52:22> 00:52:22: | hope. |
| 00:52:22> 00:52:25: | And we also start showing that once these projects have |
| 00:52:25> 00:52:26: | been realized, |
| 00:52:26> 00:52:29: | it's actually better not only for sustainable outcomes but also |
| 00:52:29> 00:52:30: | for the business. |
| 00:52:30> 00:52:32: | And then of course you have. |
| 00:52:32> 00:52:34: | Sometimes there's really the mandatory things by regulation, |
| 00:52:34> 00:52:37: | just pushing a certain certain direction. |
| 00:52:37> 00:52:39: | You see, for example, happening with any district. |
| 00:52:39> 00:52:42: | If it's anything below sea level, |
| 00:52:42> 00:52:44: | cannot be so salty anymore. |
| 00:52:44> 00:52:47: | You first have to upgrade your assets before you can |
| 00:52:47> 00:52:47: | sell, |
| 00:52:47> 00:52:49: | so that that's the kind of few few mechanisms that |
| 00:52:49> 00:52:50: | you could look. |
| 00:52:53> 00:52:57: | Thank you. We're reaching almost the end of the of |
| 00:52:57> 00:52:59: | the session already. |
| 00:52:59> 00:53:02: | 2 minutes left actually, so I think I need to |
| 00:53:02> 00:53:04: | stop asking questions. |
| 00:53:04> 00:53:07: | I was actually asking one last question, |
| 00:53:07> 00:53:11: | Carol. And maybe you can answer 30 seconds. |
| 00:53:11> 00:53:15: | What is the biggest lesson you've learned in your career |
| 00:53:15> 00:53:18: | that you still often or maybe sometimes think of or |
| 00:53:18> 00:53:19: | apply? |
| 00:53:18> 00:53:19: 00:53:19> 00:53:19: | Yeah, |
| 00.55.19> 00:55:19: | i Edil, |

| 00:53:19> 00:53:23: | one thing really be really interested in how new concepts |
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| 00:53:23> 00:53:26: | or how new solutions could work and not just jump |
| 00:53:26> 00:53:29: | into conclusions or impose past experience on the future |
| | because |
| 00:53:29> 00:53:31: | that won't help us. That's one thing. |
| 00:53:31> 00:53:32: | And the other thing is, |
| 00:53:32> 00:53:34: | you know if you really want to change. |
| 00:53:34> 00:53:36: | Don't wait for others. So its circularity. |
| 00:53:36> 00:53:39: | In Arabic I had five years ago only this believe |
| 00:53:39> 00:53:41: | is there was 7000 disbelievers. |
| 00:53:41> 00:53:44: | And now it's front and center in our global strategy |
| 00:53:44> 00:53:46: | as a way of how we design and create cities |
| 00:53:46> 00:53:47: | and buildings. |
| 00:53:47> 00:53:49: | So I think it's also about would be a bit |
| 00:53:50> 00:53:50: | brave. |
| 00:53:50> 00:53:53: | You know. Really, start develop your own. |
| 00:53:53> 00:53:54: | Getting your own thoughts on this, |
| 00:53:54> 00:53:57: | how it might work. And then we really courageous and |
| 00:53:57> 00:53:58: | and have a bit of perseverance. |
| 00:53:58> 00:54:00: | And that's about long breath. |
| 00:54:00> 00:54:01: | It will not happen overnight. |
| 00:54:01> 00:54:03: | You have to. It's also a charm offensive. |
| 00:54:03> 00:54:04: | You have to do as a leader. |
| 00:54:04> 00:54:06: | I think your organization to convince others, |
| 00:54:06> 00:54:08: | so that's that's a few of my takeaways. |
| 00:54:10> 00:54:14: | Thank you, I think that's a nice closing remark to |
| 00:54:15> 00:54:16: | close the session. |
| 00:54:16> 00:54:18: | First of all, I want to thank you Carol, |
| 00:54:18> 00:54:21: | for your contribution. I found it really interesting. |
| 00:54:21> 00:54:23: | I hope the rest did too, |
| 00:54:23> 00:54:26: | and at the same time I want to thank all |
| 00:54:26> 00:54:30: | of you audience for participating so actively. |
| 00:54:30> 00:54:32: | l hope you found it useful. |
| 00:54:32> 00:54:35: | I also want to say we can't see the screen. |
| 00:54:35> 00:54:39: | At least I can't. I only see now we can |
| 00:54:39> 00:54:40: | cling to sponsors. |
| 00:54:40> 00:54:45: | Allianz real estate and Kennedy Wilson for their support to |
| 00:54:45> 00:54:46: | this program. |
| 00:54:46> 00:54:50: | Uh, we have a couple of other sessions coming up |
| 00:54:50> 00:54:53: | and I would also encourage all of you to respond |
| 00:54:54> 00:54:58: | to the survey and hopefully giving feedback because that |
| | helps |
| 00:54:58> 00:55:00: | us to improve our programming. |

| 00:55:00> 00:55:01: | So please take 2 minutes. |
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| 00:55:01> 00:55:03: | It should be in the chat. |
| 00:55:03> 00:55:06: | Uhm, click it and then you can complete it later |
| 00:55:06> 00:55:10: | because we're gonna close soon and then the full member |
| 00:55:10> 00:55:12: | meetings that I already mentioned. |
| 00:55:12> 00:55:15: | We do one month. And the next one is on |
| 00:55:15> 00:55:17: | aging and demographics. |
| 00:55:17> 00:55:19: | At the end of October the 20th. |
| 00:55:19> 00:55:22: | How is in 18 population going to impact cities and |
| 00:55:22> 00:55:23: | real estate? |
| 00:55:23> 00:55:26: | We're really trying to look at this from an opportunity |
| 00:55:26> 00:55:27: | perspective. |
| 00:55:27> 00:55:29: | And then on the 24th of November, |
| 00:55:29> 00:55:33: | the chain reaction. How rethinking this supply chain will |
| | transform |
| 00:55:33> 00:55:34: | Urban Development. |
| 00:55:34> 00:55:39: | Obviously, in the meantime we also have the all Member |
| 00:55:39> 00:55:43: | webinars that are on our website and I would invite |
| 00:55:43> 00:55:45: | you to that as well. |
| 00:55:45> 00:55:47: | Thanks so much for your participation. |
| 00:55:47> 00:55:49: | Uh, I hope you found it useful, |
| 00:55:49> 00:55:52: | and I hope actually to see you in person at |
| 00:55:52> 00:55:54: | one of our physical events also. |
| 00:55:54> 00:55:57: | Soon again, thank you so much. |
| 00:55:57> 00:56:00: | Have a great day. Thanks Carol bye everyone. |
| 00:56:00> 00:56:01: | Thanks |
| 00:56:02> 00:56:03: | bye bye. |

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