

## Webinar

## ULI Europe Turning Risk into Opportunity: Decarbonising Stranded Assets at a Neighbourhood Scale

Date: April 21, 2025

00:01:28 --> 00:01:33:

00:01:33 --> 00:01:36:

00:00:13 --> 00:00:14: Hello everybody. 00:00:14 --> 00:00:16: My name is Sabina Giorgi. 00:00:16 --> 00:00:20: I'm the Executive Director of Germany, Austria and Switzerland for 00:00:20 --> 00:00:20: ULI. 00:00:21 --> 00:00:24: And welcome to this wonderful topic today and thank you 00:00:24 --> 00:00:26: that you're listening to us. 00:00:26 --> 00:00:30: We want to speak about a really important traffic from my point of view about the turning risks into opportunity. 00:00:30 --> 00:00:34: 00:00:34 --> 00:00:39: We want to discuss how we can decarbonize stranded assets 00:00:39 --> 00:00:43: or to avoid stranded assets and we want to discuss 00:00:43 --> 00:00:47: that not only by property but poverty approach, but on 00:00:47 --> 00:00:51: to question how we can do this on the neighborhood 00:00:51 --> 00:00:51: city scale. 00:00:52 --> 00:00:56: And I'm looking really much forward to this discussion without 00:00:56 --> 00:01:00: with our panellists today, which were also part of the 00:01:00 --> 00:01:03: bigger project we've done together in our beautiful city of 00:01:04 --> 00:01:07: my beautiful city, Berlin, where I'm now based today. 00:01:08 --> 00:01:11: And yeah, welcome to the panellists and we will introduce 00:01:11 --> 00:01:12: Born One. 00:01:12 --> 00:01:15: But first of all, I want to talk about a 00:01:15 --> 00:01:16: little bit who is your lie? 00:01:16 --> 00:01:21: Because we understood that there are some people joining in 00:01:21 --> 00:01:24: this webinar which are not familiar with us, which is 00:01:25 --> 00:01:28: a pity because we are 50,000 members globally.

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And we all, our ambition is and we all work

organization.

And we of course are, yeah, a mission development

00:01:36> 00:01:39:	every day on that to shape the future of the
00:01:39> 00:01:40:	built environment.
00:01:40> 00:01:44:	And we want to see transformative impact in all communities
00:01:44> 00:01:45:	worldwide.
00:01:45> 00:01:49:	And we do this together with our to the, to
00:01:49> 00:01:55:	the value chain, with all the investors, developers, banks, architects,
00:01:55> 00:01:58:	city planners, as you will see today.
00:01:58> 00:02:01:	So we bring along the whole community to discuss that.
00:02:01> 00:02:04:	And we do this by thought leadership, which you will
00:02:04> 00:02:06:	see today as well.
00:02:06> 00:02:08:	And we also did a lot of education.
00:02:08> 00:02:12:	So please stay and come along with us who are
00:02:12> 00:02:13:	not a member yet.
00:02:13> 00:02:19:	So then I want to introduce my dear colleague Lisette
00:02:19> 00:02:20:	von Dorn.
00:02:20> 00:02:22:	She is the CEO of YOLA Europe.
00:02:23> 00:02:26:	She is was also the chair of this advisory services
00:02:26> 00:02:29:	panel and she want to discuss a little bit what
00:02:29> 00:02:32:	we found out and we maybe could learn for other
00:02:32> 00:02:33:	cities.
00:02:33> 00:02:35:	So stage is yours, Lisette.
00:02:37> 00:02:41:	Thank you so much, Sabine for having the opportunity to
00:02:42> 00:02:43:	do some opening remarks.
00:02:43> 00:02:44:	Hello everyone.
00:02:45> 00:02:47:	As been said, I'm Lisette for Dorn, I'm the Chief
00:02:47> 00:02:49:	Executive for Urban and Institute.
00:02:49> 00:02:53:	But today I'm mostly speaking as the Chair of the
00:02:53> 00:02:56:	Advisory Services panel we did, which we'll also talk about
00:02:56> 00:02:58:	a little bit more later.
00:02:58> 00:03:02:	And just wanted to share some thoughts and why why
00:03:02> 00:03:05:	Also we did this panel as part of our bigger
00:03:05> 00:03:09:	Sea Change program, which we launched about 3 years ago.
00:03:09> 00:03:12:	We did a lot of work focused on what are
00:03:12> 00:03:18:	the big systemic issues for scaling up the carbonisation in
00:03:18> 00:03:19:	real estate.
00:03:20> 00:03:22:	And one of those issues was related to how do
00:03:22> 00:03:27:	we incorporate transition risk in real estate valuations, which
	is
00:03:27> 00:03:28:	currently not done.
00:03:28> 00:03:34:	What had we developed guidelines identifying 12 risks in
00 00 04 00 00 00	total,
00:03:34> 00:03:36:	8 that could be quantified.

00:03:36> 00:03:41:	And with having that more transparent view on all of
00:03:41> 00:03:46:	the transitional risks that impact valuations, we also got a
00:03:46> 00:03:50:	better sight of where those risks are the highest.
00:03:50> 00:03:54:	So watch assets have a higher risk of stranding and
00:03:54> 00:03:59:	you can think for example about social and affordable
	housing.
00:03:59> 00:04:03:	But obviously you have the costs of making the changes
00:04:03> 00:04:05:	and making the improvements.
00:04:05> 00:04:08:	But often it's not so easy to increase the rent.
00:04:08> 00:04:10:	So the revenue side of it is more difficult.
00:04:11> 00:04:15:	We also have a lot of structural change in real
00:04:15> 00:04:19:	estate where we don't The ways people work is changing,
00:04:19> 00:04:23:	the way we shop has been changing, which impacts certain
00:04:24> 00:04:26:	sectors more than others.
00:04:26> 00:04:29:	And also that structural change is impacting on the risk
00:04:30> 00:04:34:	of assets being stranded and assets normally not strand just
00:04:34> 00:04:38:	because of decarbonisation, but that can be an additional factor.
00:04:39> 00:04:42:	And how do we then build the business case for
00:04:42> 00:04:47:	decarbonisation and which within real estate, within ULI, obviously we
00:04:47> 00:04:49:	are focused on urban land.
00:04:50> 00:04:56:	We take a holistic approach to Urban Development and therefore
00:04:56> 00:05:01:	also to building the business case for decarbonisation.
00:05:02> 00:05:06:	We feel it's really important to focus not just on
00:05:06> 00:05:10:	what can be the increase, for example, in rents or
00:05:10> 00:05:14:	what can be adding to my liquidity or ultimately the
00:05:14> 00:05:18:	transaction volume if I want to sell that asset.
00:05:18> 00:05:22:	But we feel we need to also take into consideration
00:05:22> 00:05:26:	other elements like what jobs are being created, what is
00:05:26> 00:05:30:	the productivity, how much impact on CO2 reductions?
00:05:31> 00:05:36:	Is there air quality resilience, biodiversity, better health outcomes, better
00:05:36> 00:05:42:	community impacts, resident well-being or wider community impact, etcetera and
00:05:42> 00:05:44:	obviously economic growth.
00:05:44> 00:05:45:	Next slide please.
00:05:46> 00:05:50:	And therefore what we often see when we kind of
00:05:50> 00:05:55:	look in a narrow perspective on decarbonization, but of the
00:05:55> 00:05:59:	the burden is often placed on the asset owner who's
00:05:59> 00:06:04:	responsible for making the improvements and doing the retrofits.
00:06:05> 00:06:09:	But if you don't look at the outcomes of that,

00:06:09> 00:06:13:	there's a far bigger perspective on that.
00:06:13> 00:06:18:	And it's not just the the rental uplift or the
00:06:18> 00:06:23:	value uplift, it's obviously also the savings that are made
00:06:23> 00:06:29:	from lower energy costs, better maintenance tax receipts that
00.06.20 > 00.06.22.	might
00:06:29> 00:06:33:	go to for the value uplifts to the to the
00:06:33> 00:06:35:	government and municipalities.
00:06:36> 00:06:39:	And obviously, as I just mentioned before, also there are
00:06:39> 00:06:44:	social and environmental outcomes and the range of beneficiaries of
00:06:44> 00:06:47:	that is much wider than just the asset owner.
00:06:47> 00:06:50:	And we think this is a very important perspective.
00:06:50> 00:06:53:	And building on that, we think there's it's very important
00:06:53> 00:06:56:	to take into account sort of not just the asset
00:06:56> 00:06:59:	owner and put the burden there, but look much broader.
00:06:59> 00:07:00:	Next slide, please.
00:07:01> 00:07:04:	And also we often have only when we think about
00:07:04> 00:07:07:	decarbonisation a cost perspective.
00:07:07> 00:07:10:	While we think we need to think about decarbonisation as
00:07:11> 00:07:14:	well as wider investment as an investment from an
	investment
00:07:14> 00:07:15:	perspective.
00:07:16> 00:07:20:	And by doing that, it's very useful to look at
	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and
00:07:16> 00:07:20:	And by doing that, it's very useful to look at
00:07:16> 00:07:20: 00:07:20> 00:07:25:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders
00:07:16> 00:07:20: 00:07:20> 00:07:25: 00:07:25> 00:07:31:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders together.
00:07:16> 00:07:20: 00:07:20> 00:07:25: 00:07:25> 00:07:31: 00:07:32> 00:07:32:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders together.  Next slide, please.
00:07:16> 00:07:20: 00:07:20> 00:07:25: 00:07:25> 00:07:31: 00:07:32> 00:07:32: 00:07:34> 00:07:39:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders together.  Next slide, please.  In the case of the degromination, we already talked, I
00:07:16> 00:07:20: 00:07:20> 00:07:25: 00:07:25> 00:07:31:  00:07:32> 00:07:32: 00:07:34> 00:07:39: 00:07:39> 00:07:44:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders together.  Next slide, please.  In the case of the degromination, we already talked, I already mentioned sort of the shift from cost to investment.
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00:07:16> 00:07:20: 00:07:20> 00:07:25: 00:07:25> 00:07:31:  00:07:32> 00:07:32: 00:07:34> 00:07:39: 00:07:39> 00:07:44: 00:07:45> 00:07:48: 00:07:49> 00:07:53:  00:07:54> 00:07:58: 00:07:58> 00:08:02: 00:08:03> 00:08:07: 00:08:07> 00:08:10:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders together.  Next slide, please.  In the case of the degromination, we already talked, I already mentioned sort of the shift from cost to investment.  Because if you look at the source of funding, there's often the private sector contribution or the asset owner contribution that can be public subsidies, especially when also taking into account the the benefits, the social benefits there are.  If you look at the cost of transition, there's a couple of couple of elements to consider.  It's the demands reduction, the energy demands reduction
00:07:16> 00:07:20: 00:07:20> 00:07:25: 00:07:25> 00:07:31:  00:07:32> 00:07:32: 00:07:34> 00:07:39: 00:07:39> 00:07:44: 00:07:45> 00:07:48: 00:07:49> 00:07:53:  00:07:54> 00:07:58: 00:07:58> 00:08:02: 00:08:03> 00:08:07: 00:08:07> 00:08:10: 00:08:10> 00:08:15:	And by doing that, it's very useful to look at who ultimately benefits, therefore who would need to pay and also who can lead in bringing the different stakeholders together.  Next slide, please.  In the case of the degromination, we already talked, I already mentioned sort of the shift from cost to investment.  Because if you look at the source of funding, there's often the private sector contribution or the asset owner contribution  that can be public subsidies, especially when also taking into account the the benefits, the social benefits there are.  If you look at the cost of transition, there's a couple of couple of elements to consider.  It's the demands reduction, the energy demands reduction you will
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00100100 - 001001001	and values.
00:08:31> 00:08:35:	That's the net present value of the energy savings that
00:08:35> 00:08:39:	sort of that happens in the future that you can
00:08:39> 00:08:41:	already calculate today.
00:08:41> 00:08:45:	There's the receipts of the of the tax benefits and
00:08:45> 00:08:51:	again, social and environmental outcomes if we apply that to
00:08:51> 00:08:53:	the work we did in Berlin.
00:08:53> 00:08:54:	Next slide please.
00:08:55> 00:09:00:	We looked at 2 specific case studies, again thinking about
00:09:00> 00:09:03:	where is the stranding risks, risk higher.
00:09:04> 00:09:08:	And we looked at one social and affordable large scale
00:09:08> 00:09:13:	housing project in the South of Berlin called Bucover Perth,
00:09:13> 00:09:17:	owned by Hewelbach Berlin based housing association.
00:09:18> 00:09:20:	And we also looked at Kufirsdam.
00:09:21> 00:09:24:	For those of you that know Berlin, Kufirsdam is known
00:09:24> 00:09:26:	as a as a prime area.
00:09:26> 00:09:28:	This was actually really interesting.
00:09:29> 00:09:35:	Quite a large proportion of offices, more in historic buildings,
00:09:35> 00:09:38:	quite a few department stores.
00:09:38> 00:09:42:	And obviously with all the changes that we see in
00:09:42> 00:09:45:	the environment around us on the way we shop, the
00:09:45> 00:09:50:	way we work, etcetera, having fundamental impact on also such
00:09:50> 00:09:52:	an area that used to be so prime.
00:09:52> 00:09:57:	But now facing quite some challenges and applying then the,
00:09:57> 00:10:01:	the methodology that I showed you before to that next
00:10:01> 00:10:02:	slide, please.
00:10:03> 00:10:04:	It's interesting.
00:10:04> 00:10:08:	But because if you on the left hand side, you
00:10:08> 00:10:12:	see the, the diagram for Brookover, Harvard, the social housing
00:10:12> 00:10:16:	district and on the right hand side for Kurfitz and
00:10:16> 00:10:20:	Dunn and then walking for each diagram from right to
00:10:20> 00:10:20:	left.
00:10:20> 00:10:25:	It's actually very interesting because in a social housing project,
00:10:25> 00:10:28:	if you would look at what is the value being
00:10:28> 00:10:32:	created from doing the decarbonization works.
00:10:32> 00:10:36:	Again, taking that into consideration from a wider perspective, a
00:10:36> 00:10:40:	lot of the outcomes relate to social and environmental.
00:10:40> 00:10:48:	Obviously, there's lower CO2 emissions, there's hopefully more climate change

**00:08:30 --> 00:08:30:** and values.

00:10:48> 00:10:54:	resilience, but there's also, by having buildings in a better
00:10:54> 00:11:01:	state, sort of more impact on resident well-being, community
00:11:01> 00:11:07:	impact, lower chances of social deprivation, on top of obviously value
00:11:07> 00:11:14:	uplift or preservation of value, potential rental uplift or at
00:11:14> 00:11:17:	least resilience of rental value.
00:11:18> 00:11:21:	And then of course, a big component is the net
00:11:21> 00:11:24:	present value of energy savings, which comes down to the
00:11:24> 00:11:25:	occupiers.
00:11:25> 00:11:29:	Sometimes that can be also used to increase the rent
00:11:29> 00:11:33:	to some extent so that the total housing costs remain
00:11:33> 00:11:36:	the same but the distribution is different.
00:11:37> 00:11:40:	Again, looking at the cost of transition for those different
00:11:41> 00:11:41:	elements.
00:11:41> 00:11:45:	And on top of what I showed you before, there's
00:11:45> 00:11:50:	also a regeneration cost here, often taking into account different
00:11:51> 00:11:55:	things that can happen to build the business case.
00:11:55> 00:11:59:	In the case of a big social housing project, you
00:11:59> 00:12:03:	can think how can I build a business case, for
00:12:03> 00:12:08:	example, by further densifying the area by adding order uses,
00:12:08> 00:12:13:	not just affordable housing, but also other types of housing,
00:12:13> 00:12:17:	more market level, by adding commercial uses, etcetera.
00:12:17> 00:12:21:	More community uses that are of benefit to the residents
00:12:21> 00:12:24:	but might also be of benefit to the wider community
00:12:25> 00:12:29:	can also be thinking of district heating solutions for example.
00:12:29> 00:12:34:	And then thinking about where the benefits lands helps really
00:12:34> 00:12:37:	also to think about well who does it make sense
00:12:37> 00:12:38:	to lead here?
00:12:39> 00:12:42:	Is that just the owner or is that for example?
00:12:42> 00:12:45:	So the wider, the housing association in this case, but
00:12:45> 00:12:49:	also the wider community, the municipality and the wider city
00:12:49> 00:12:49:	level.
00:12:50> 00:12:54:	And then thinking from that, who benefits in terms not
00:12:54> 00:12:59:	just in terms of monetary return on investment but also
00:12:59> 00:13:04:	future savings, for example, in an area stays lively, vibrant,
00:13:04> 00:13:08:	it also makes sense for that party to lead.
00:13:08> 00:13:13:	So the wider municipality and city government that can also
00:13:13> 00:13:19:	then put in public subsidies, maybe not meant as subsidies,
00:13:19> 00:13:24:	but as an investment also for the the building owners
00:13:24> 00:13:31:	and for more institutional finance, for example, financing retrofits, district
00:13:31> 00:13:36:	heating systems, etcetera and getting a return on that.

00:13:37> 00:13:41:	If you don't compare that for social housing project where
00:13:41> 00:13:47:	the biggest return component comes from social and
	environmental outcomes,
00:13:47> 00:13:50:	that might be lower in the case of a cool
00:13:50> 00:13:54:	for synonymous case where it's much more commercial real
00.40.54 > 00.40.50.	estate,
00:13:54> 00:13:59:	the proportion of asset owners, private sector asset owners is
00:13:59> 00:14:00:	much bigger.
00:14:00> 00:14:05:	And where is the biggest impact if improvements are being
00:14:05> 00:14:11:	made to the buildings, decarbonized buildings, but also, for example,
00:14:11> 00:14:16:	repurposed buildings, changing the use of them, also densifying them,
00:14:16> 00:14:20:	making improvements to the public space.
00:14:20> 00:14:22:	So it attracts more footfall.
00:14:23> 00:14:26:	You see a lot of the value coming into the
00:14:26> 00:14:30:	asset value uplift and there's a far higher probability of
00:14:31> 00:14:34:	rent staying up, up to level, but also being able
00:14:34> 00:14:35:	to increase.
00:14:36> 00:14:40:	And that is almost the biggest component with such a
00:14:40> 00:14:44:	big part of the economic value created than landing at
00:14:44> 00:14:45:	the asset owner level.
00:14:46> 00:14:48:	It makes a lot of sense for them to lead.
00:14:49> 00:14:53:	You could feel that individually, but you can also view
00:14:53> 00:14:55:	it in a more collective context.
00:14:55> 00:14:55:	For example.
00:14:55> 00:15:00:	Also in this case, there was a business, the Improvement
00:15:00> 00:15:04:	District where the collective group of owners try to make
00:15:04> 00:15:10:	improvements also to the wider public space, attract footfall, etcetera,
00:15:10> 00:15:14:	and make it a pleasant area, which again also lands
00:15:14> 00:15:17:	into value preservation and value uplift.
00:15:18> 00:15:23:	And there's then also the social and environmental outcomes similar
00:15:23> 00:15:27:	to what we saw in the residential project, for example,
00:15:27> 00:15:32:	between CO2 emissions, resiliency and also quality of the public
00:15:32> 00:15:36:	space and again the net present value of energy savings.
00:15:37> 00:15:40:	And then it makes a lot of sense for the
00:15:40> 00:15:44:	private sector to lead, but also investment from, for example,
00:15:44> 00:15:47:	public sector and institutional finance.
00:15:47> 00:15:51:	Again, I hope that gives an idea of the bigger
00:15:51> 00:15:55:	perspective we took for these two case studies.
00:15:56> 00:15:59:	Now I'm very happy to hand back to Sabine to

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00:16:03> 00:16:04:	Thank you so much.
00:16:12> 00:16:17:	Thank you, Lizette for presenting and giving overview and for
00:16:17> 00:16:19:	all the people who joined in.
00:16:19> 00:16:23:	If you have a question doing or what you've heard
00:16:23> 00:16:26:	from Lizette, happy to ask your question in the chat.
00:16:27> 00:16:30:	And then we will have now a really short discussion
00:16:30> 00:16:34:	about presentation of all the other panelists and then we
00:16:35> 00:16:36:	will have this Q&A session.
00:16:36> 00:16:39:	We are happy to ask all your question as well.
00:16:40> 00:16:44:	So please come along our next panellist.
00:16:44> 00:16:47:	l welcome really warmly Maria.
00:16:48> 00:16:51:	Maria, please introduce yourself and you will talk a little
00:16:51> 00:16:56:	bit about especially the governance and neighborhood
00:16:56> 00:16:58:	governance as a
	foundation for the decarbonisation stage.
00:16:58> 00:17:01:	Is yours Maria and I for sure I will have
00:17:01> 00:17:03:	some questions for you afterwards.
00:17:04> 00:17:04:	Thank you, Sabina.
00:17:05> 00:17:07: 00:17:07> 00:17:13:	So my name is Maria Vasilako.
00:17:13> 00:17:15:	I am working globally as an advisor on, among other
00:17:15> 00:17:19:	issues, decarbonization. I have served as VN as Vice Mayor for almost
00:17:19> 00:17:19:	10 years from 2010 to 2019.
00:17:21> 00:17:25:	And I'm a member of the city's mission board of
00:17:25> 00:17:23:	experts that designed the 100 Climate Neutral Cities Mission
00.17.25> 00.17.51.	by
00:17:31> 00:17:31:	2030.
00:17:32> 00:17:37:	That takes me all the way to decarbonisation and actually
00:17:37> 00:17:42:	to what Lisette Fanton has been explaining all the way.
00:17:43> 00:17:47:	If there is one place where we can practically work
00:17:47> 00:17:54:	synergetically and aggregate benefits, social and environmental benefits mostly as
00:17:54> 00:17:59:	well, that is the local level, that is the neighborhood
00:17:59> 00:18:00:	level.
00:18:01> 00:18:03:	And if there is one thing that was my major
00:18:03> 00:18:06:	take away from the work we did in Berlin that
00:18:06> 00:18:10:	was realizing that it is the neighborhood level where we
00:18:10> 00:18:11:	need to organize processes.
00:18:12> 00:18:17:	Not only because this means, as I said, aggregating value
00:18:17> 00:18:21:	and benefits, but also because we need to steer this
00:18:21> 00:18:24:	process and we need to steer it in a way
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00:15:59 --> 00:16:03: lead the discussion with my fellow panelists.

00.40.04 > 00.40.00.	41-43
00:18:24> 00:18:28:	that is replicable and that will actually show us the
00:18:28> 00:18:32:	way to apply what we learn at the neighborhood level
00:18:32> 00:18:34:	to the entire city.
00:18:35> 00:18:38:	That means that when we think decarbonization, we normally start
00:18:38> 00:18:40:	thinking about big infrastructures.
00:18:40> 00:18:44:	We start thinking about district heating systems, example given where
00:18:44> 00:18:47:	we need to change the energy source and we're already
00:18:47> 00:18:48:	on a good way.
00:18:49> 00:18:52:	But if we think of small houses, if we think
00:18:52> 00:18:56:	of owner occupied units, if we think of the thousands,
00:18:56> 00:19:01:	the hundreds, thousands of apartments and small houses that need
00:19:01> 00:19:07:	support in order to achieve decarbonization, then we realize that
00:19:07> 00:19:09:	this is a huge steering task.
00:19:10> 00:19:14:	Hence, we need governance structures that will support us in
00:19:14> 00:19:17:	organizing this at the neighborhood level.
00:19:18> 00:19:24:	And that means we need neighborhood management that will knock
00:19:24> 00:19:29:	on every door, that will align city vision with planning
00:19:29> 00:19:35:	tools and delivery mechanisms, that will organize collaborations between the
00:19:35> 00:19:41:	public and private sector, between the community sectors, but also
00.40.44 > 00.40.45	
00:19:41> 00:19:45:	between, to put it in simple terms, in terms the
00:19:41> 00:19:45: 00:19:45> 00:19:50:	between, to put it in simple terms, in terms the residents of a neighborhood that will identify, by the way,
	·
00:19:45> 00:19:50:	residents of a neighborhood that will identify, by the way,
00:19:45> 00:19:50: 00:19:51> 00:19:52:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02: 00:20:02> 00:20:08:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02: 00:20:02> 00:20:08: 00:20:08> 00:20:13:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the neighborhood to possibly create not only a shared vision but
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02: 00:20:02> 00:20:08: 00:20:08> 00:20:13: 00:20:13> 00:20:13:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the neighborhood to possibly create not only a shared vision but also.  A joint concept towards decarbonizing the neighborhood and
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02:  00:20:02> 00:20:08:  00:20:08> 00:20:13: 00:20:13> 00:20:13: 00:20:14> 00:20:19:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the neighborhood to possibly create not only a shared vision but also.  A joint concept towards decarbonizing the neighborhood and who will
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02:  00:20:02> 00:20:08:  00:20:08> 00:20:13: 00:20:13> 00:20:13: 00:20:14> 00:20:19:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the neighborhood to possibly create not only a shared vision but also.  A joint concept towards decarbonizing the neighborhood and who will knock on every door, talk to everybody, create exactly the
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02:  00:20:02> 00:20:08:  00:20:03> 00:20:13: 00:20:13> 00:20:13: 00:20:14> 00:20:19:  00:20:19> 00:20:24: 00:20:24> 00:20:29:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the neighborhood to possibly create not only a shared vision but also.  A joint concept towards decarbonizing the neighborhood and who will knock on every door, talk to everybody, create exactly the kind of relationships needed in order to build trust, legitimacy
00:19:45> 00:19:50: 00:19:51> 00:19:52: 00:19:52> 00:19:56: 00:19:56> 00:20:02:  00:20:02> 00:20:08:  00:20:03> 00:20:13: 00:20:13> 00:20:13: 00:20:14> 00:20:19:  00:20:24> 00:20:29: 00:20:29> 00:20:30:	residents of a neighborhood that will identify, by the way, big players.  That may be example, given a hospital, a school near a neighborhood, possibly a big social housing developer who may collaborate together with small ownership that also exists in the neighborhood to possibly create not only a shared vision but also.  A joint concept towards decarbonizing the neighborhood and who will knock on every door, talk to everybody, create exactly the kind of relationships needed in order to build trust, legitimacy and investor confidence.

00:20:41> 00:20:48:	will engage with local communities, residents and the entire local
00:20:48> 00:20:51:	ecosystem on a long term basis.
00:20:52> 00:20:55:	And by the way, in many cases, they may even
00:20:55> 00:20:59:	need to create a local ecosystem because just because people
00:21:00> 00:21:04:	live and work door to door doesn't necessarily mean that
00:21:04> 00:21:09:	structures are already there, that relations relations are already there.
00:21:10> 00:21:12:	So they will need to create and steer a local
00:21:12> 00:21:13:	ecosystem.
00:21:14> 00:21:18:	They will need to involve all actors, be them residents,
00:21:18> 00:21:23:	housing bodies, local planners, utility companies, to create a shared
00:21:23> 00:21:25:	vision and a shared concept.
00:21:26> 00:21:30:	The methods they will be using will be of course
00:21:30> 00:21:36:	digital platforms, but also open forums, community events, storytelling.
00:21:37> 00:21:42:	And they will be doing all this working together with
00:21:42> 00:21:48:	the local ecosystem asset to implement a long term vision
00:21:48> 00:21:49:	at the local level.
00:21:50> 00:21:51:	Next slide please.
00:21:55> 00:22:00:	And here is actually what we're speaking about very precisely.
00:21:55> 00:22:00: 00:22:02> 00:22:07:	, , ,
	precisely.  We would suggest the creation of neighborhood innovation
00:22:02> 00:22:07:	precisely.  We would suggest the creation of neighborhood innovation  Centers for
00:22:02> 00:22:07: 00:22:07> 00:22:08:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.
00:22:02> 00:22:07: 00:22:07> 00:22:08: 00:22:08> 00:22:13:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as
00:22:02> 00:22:07: 00:22:07> 00:22:08: 00:22:08> 00:22:13: 00:22:13> 00:22:18:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:  00:22:28> 00:22:32:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:  00:22:28> 00:22:32:  00:22:32> 00:22:37:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and skilled teams,
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:  00:22:28> 00:22:32:  00:22:32> 00:22:37:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and skilled teams, they would need skills within the team in strategic planning,
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:  00:22:28> 00:22:32:  00:22:32> 00:22:37:  00:22:37> 00:22:41:  00:22:42> 00:22:46:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and skilled teams, they would need skills within the team in strategic planning, in capital layering, in monitoring engagement skills and to put it also in simple terms, skills in identifying potential
00:22:02> 00:22:07:  00:22:07> 00:22:08: 00:22:08> 00:22:13: 00:22:13> 00:22:18: 00:22:18> 00:22:26:  00:22:26> 00:22:27: 00:22:28> 00:22:32: 00:22:32> 00:22:37:  00:22:42> 00:22:41: 00:22:46> 00:22:51:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and skilled teams, they would need skills within the team in strategic planning, in capital layering, in monitoring engagement skills and to put it also in simple terms, skills in identifying potential investment
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:  00:22:28> 00:22:32:  00:22:32> 00:22:37:  00:22:42> 00:22:41:  00:22:42> 00:22:46:  00:22:46> 00:22:51:  00:22:51> 00:22:53:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and skilled teams, they would need skills within the team in strategic planning, in capital layering, in monitoring engagement skills and to put it also in simple terms, skills in identifying potential investment and packaging.  Also solutions so that they can actually facilitate decisions to be made, especially from small home owners or owners of
00:22:02> 00:22:07:  00:22:07> 00:22:08:  00:22:08> 00:22:13:  00:22:13> 00:22:18:  00:22:18> 00:22:26:  00:22:26> 00:22:27:  00:22:28> 00:22:32:  00:22:32> 00:22:37:  00:22:42> 00:22:41:  00:22:46> 00:22:51:  00:22:51> 00:22:53:  00:22:53> 00:22:59:	precisely.  We would suggest the creation of neighborhood innovation Centers for the environment.  So nice, who will function at the local level as a platform to coordinate the entire local ecosystem, to bring stakeholders together, to create together local climate and neighborhood regeneration plans?  If we look into the skills they need to have, because we're talking here about dedicated teams and skilled teams, they would need skills within the team in strategic planning, in capital layering, in monitoring engagement skills and to put it also in simple terms, skills in identifying potential investment and packaging.  Also solutions so that they can actually facilitate decisions to

00:23:15> 00:23:20:	They will knock on all doors, they will talk to
00:23:20> 00:23:23:	landlords, to tenants, they will create.
00:23:23> 00:23:27:	Of course, they will function as the missing link in
00:23:27> 00:23:31:	many cases between the neighborhood and and the city.
00:23:31> 00:23:36:	They will talk to transport companies, investors, utilities and
	they
00:23:36> 00:23:42:	will support the long term implementation of decarbonization
	and their
00:23:42> 00:23:43:	de risk investment.
00:23:43> 00:23:46:	But in the end, in a nutshell, the take away
00:23:46> 00:23:49:	is if we want to steer and organize something at
00:23:49> 00:23:52:	the neighborhood level, we should never forget.
00:23:53> 00:23:56:	We need a place where local communities can meet and
00:23:56> 00:23:57:	come together.
00:23:57> 00:24:01:	We need dedicated skill teams that will work long term
00:24:01> 00:24:06:	to bring people together to organize all of these processes
00:24:06> 00:24:10:	to produce results and to steer and monitor results.
00:24:10> 00:24:13:	And we will need, of course, at least a modest
00:24:14> 00:24:18:	budget for these teams so that they can actually function
00:24:18> 00:24:19:	long term.
00:24:21> 00:24:22:	Thank you We.
00:24:29> 00:24:33:	Have my my cameras a little bit slow today.
00:24:33> 00:24:35:	Thank you for so much for that.
00:24:35> 00:24:37:	So next one is Harris.
00:24:38> 00:24:42:	Harris will speak a little bit about the integrated urban
00:24:42> 00:24:45:	generation regeneration, generation regeneration.
00:24:46> 00:24:50:	Harris, your status, your son, please again also please into
00:24:50> 00:24:54:	say some words what you're doing on your day-to-day job
00:24:54> 00:24:58:	and what was your role in our great advisory panel
00:24:58> 00:24:59:	in Berlin.
00:25:00> 00:25:00:	Thank you.
00:25:00> 00:25:04:	Thank you, Sabina and thank you Lisette and thank you
00:25:04> 00:25:05:	dear fellow panellists.
00:25:05> 00:25:07:	Great to be with you again.
00:25:08> 00:25:10:	I had a pleasure to join this beautiful task force
00:25:10> 00:25:12:	as a trained urban planner and designer.
00:25:13> 00:25:16:	Being partly A Berliner myself, I grew growing up and
00:25:16> 00:25:18:	studying and working in Berlin.
00:25:18> 00:25:23:	I'm quite familiar with the realities, challenges and potentials
	of
00:25:23> 00:25:28:	Berlin, but it was a inspirative and inspirational journey to
00:25:28> 00:25:32:	be together with this task force and look into these
00:25:32> 00:25:34:	two very diverse neighborhoods.

00:25:34> 00:25:38:	I am in charge of the international Urban Development projects
00:25:38> 00:25:42:	at Reyes and Zuma, which is a large international
00:25:43> 00:25:47:	engineering planning and consultancy office and also lecturing at ETH Zurich
00:25:47> 00:25:50:	and HFT Stuttgart and also worked in the past as
00:25:50> 00:25:52:	a policy consultant for UN Habitat.
00:25:52> 00:25:57:	The UN agency for human settlements are trying to bring
00:25:57> 00:26:01:	in the practical and also some applied research and policy
00:26:01> 00:26:04:	consultancy input to to this discourse.
00:26:05> 00:26:07:	And if we dive into the slides and and that's
00:26:07> 00:26:11:	a methodological slide that we are took also partly as
00:26:11> 00:26:14:	a basis of our of the thinking and also bringing
00:26:14> 00:26:18:	in these different perspectives that we brought to the panel,
00:26:18> 00:26:21:	but also of course, the others that are necessary if
00:26:21> 00:26:24:	you really want to do holistically with neighborhoods.
00:26:24> 00:26:29:	We need compact sensors in energy, mobility, biodiversity, water planning,
00:26:29> 00:26:30:	of course.
00:26:30> 00:26:34:	So we need to to combine these two spheres that
00:26:34> 00:26:38:	are you see here at the bottom right, the rational
00:26:38> 00:26:40:	technical consequence.
00:26:40> 00:26:43:	But also of course, as the human being lives in
00:26:43> 00:26:47:	its small community in the neighborhood, as a main cell
00:26:47> 00:26:50:	of, of, of our community, we need not to forget
00:26:50> 00:26:54:	the emotional, inspiring and atmospheric aspects and also have a
00:26:54> 00:26:57:	user oriented and human oriented perspective.
00:26:57> 00:27:00:	And in this sense, this we have to look into
00:27:00> 00:27:03:	a holistic way and not in a fragmented way.
00:27:03> 00:27:06:	That is very often the case also in European cities.
00:27:06> 00:27:08:	We are the victims of our own success.
00:27:09> 00:27:12:	So we have the luxury to specialized to work in
00:27:12> 00:27:13:	our silos.
00:27:13> 00:27:17:	But now with if you want to work toward decarbonized
00:27:17> 00:27:21:	cities, neighborhoods and then and and the continent, we need
00:27:21> 00:27:22:	to integrate aspects.
00:27:22> 00:27:24:	And you see on the left hand side the aesthetic
00:27:24> 00:27:25:	and spatial.
00:27:25> 00:27:29:	We need to align different layers of competence and of
00:27:29> 00:27:29:	expertise.

00:27:30> 00:27:33:	And of course decarbonisation is only feasible if it's embedded
00:27:34> 00:27:37:	in a broader narrative and a broader framework in the
00:27:37> 00:27:39:	district renewal and regeneration.
00:27:39> 00:27:43:	If you go to the next slide, we will see
00:27:43> 00:27:44:	a an example.
00:27:44> 00:27:47:	So as our panel did a deep research on holistic
00:27:47> 00:27:52:	approaches, what it's there in practice, in theory and policy,
00:27:52> 00:27:57:	we conducted dozens of interviews with stakeholders from the Berlin
00:27:57> 00:27:58:	ecosystem.
00:27:58> 00:28:02:	Very often, as as we also saw in the previous
00:28:02> 00:28:06:	slide, we tried to to, to to divide saying that
00:28:06> 00:28:11:	the economic is not feasible if it's also socially viable
00:28:11> 00:28:13:	and ecologically.
00:28:13> 00:28:17:	But in these conversations with the Berlin ecosystem, with investors,
00:28:17> 00:28:22:	with the developers, with the public sector, with neighborhood activists,
00:28:22> 00:28:24:	we realise there is a a good momentum in Berlin
00:28:24> 00:28:26:	and across our cities.
00:28:26> 00:28:27:	If you work together.
00:28:27> 00:28:31:	And, and this image here is an exemplary one that
00:28:31> 00:28:34:	tells you that we must work on this scale to
00:28:34> 00:28:37:	reduce cost and, and also of course, the risk.
00:28:37> 00:28:42:	So very often Co creative and participatory processes are being
00:28:42> 00:28:46:	proclaimed to be expensive and, and long term and, and,
00:28:46> 00:28:47:	and time consuming.
00:28:47> 00:28:49:	But in this sense, it can in the end of
00:28:49> 00:28:51:	the day, reduce costs and reduce risk.
00:28:52> 00:28:55:	And in this sense, if it's, if you visualize the
00:28:55> 00:28:59:	future of the neighborhood, it's way more digestible also for,
00:28:59> 00:29:02:	for the stakeholders to, to accept that.
00:29:02> 00:29:05:	Because in Europe, yes, we need to combine public and
00:29:05> 00:29:08:	private funding, but very often the funding is not the
00:29:08> 00:29:10:	issue nor the lack of competences.
00:29:10> 00:29:13:	We do have enough economists, architects, planners, engineers.
00:29:13> 00:29:15:	It's about the stakeholder alignment.
00:29:15> 00:29:18:	And in this sense, we really need to curate these
00:29:18> 00:29:23:	processes as you see a public, private, social, ecologic, economic
00:29:23> 00:29:28:	in order to to have the urban transformation implemented

affordable 00:29:28 --> 00:29:30: and also towards livable cities. 00:29:31 --> 00:29:34: And if you go to the next slide, there's a 00:29:34 --> 00:29:38: couple of examples I brought from from our practice. 00:29:38 --> 00:29:40: We have to bring that to scale. 00:29:41 --> 00:29:44: Yes, there are now the programs under the umbrella of 00:29:44 --> 00:29:48: the Net 0 program of the New European Bauhaus as 00:29:48 --> 00:29:50: destination of the Commission. 00:29:50 --> 00:29:54: But we need further funding, we need further competences. 00:29:54 --> 00:29:58: We need to gather and understand the potentials of a 00:29:58 --> 00:29:59: place. 00:29:59 --> 00:30:02: So a social and for example, here you're seeing the 00:30:02 --> 00:30:04: upper right image. 00:30:04 --> 00:30:07: This is from a project in Berlin where we realized 00:30:07 --> 00:30:11: one of these 1970s neighborhoods, just as the one that 00:30:11 --> 00:30:13: Lizette explained. 00:30:13 --> 00:30:15: We need to densify with new functions because they are 00:30:15 --> 00:30:18: planned in a monofunctional, card oriented way. 00:30:18 --> 00:30:21: But in this sense, we have to see how we 00:30:21 --> 00:30:25: reprogram public spaces, how we also design mobility hubs and 00:30:25 --> 00:30:29: and create notes and, and, and multimodal strategies. 00:30:29 --> 00:30:33: Why cannot these mobility hubs also have cultural and social 00:30:33 --> 00:30:34: and other functions? 00:30:35 --> 00:30:40: Why cannot public spaces also be performative, not just recreational 00:30:40 --> 00:30:42: harvesting ecosystem and services? 00:30:42 --> 00:30:45: For example, you see here energy and wind and also 00:30:45 --> 00:30:46: purified water. 00:30:46 --> 00:30:50: So we have to have also multifunctional landscapes and also 00:30:50 --> 00:30:53: to retrofit and work with the existing buildings. 00:30:53 --> 00:30:56: Much of our building stock from the Sixties, 70s and 00:30:56 --> 00:30:59: 80s went to one retrofit cycle in 90s and 2000s. 00:30:59 --> 00:31:02: And now we are going towards another one and and 00:31:02 --> 00:31:04: these buildings are not being made to stay to stand 00:31:04 --> 00:31:06: around for hundreds of years. 00:31:06 --> 00:31:09: So in this sense, we have an ageing building stuff 00:31:09 --> 00:31:12: and many stranded assets that need to be rethought in 00:31:12 --> 00:31:13: in the process. 00:31:13 --> 00:31:16: And if I to, to finish my short intervention, I 00:31:16 --> 00:31:20: also to give you a short overview of what you

see on, on the on the bottom right image is

climate adaptation strategy for Basel in Switzerland.

00:31:20 --> 00:31:23:

00:31:23 --> 00:31:27:

00:31:27> 00:31:29:	So we have to deal with climate issues on the
00:31:29> 00:31:30:	larger scale as well.
00:31:31> 00:31:34:	Therefore, also with this panel, we try to contribute to
00:31:34> 00:31:39:	developing new planning instruments, instigating inspiring because very often we
00:31:40> 00:31:43:	do not have the planning instruments for formal planning that
00:31:43> 00:31:48:	will help us to decarbonize because tenders and procurements are
00:31:48> 00:31:49:	done in the sectorial way.
00:31:49> 00:31:52:	So we are not able to do mobility, public space
00:31:52> 00:31:53:	and energy and holistic.
00:31:53> 00:31:56:	So in this sense, this panel gave a gave a
00:31:56> 00:31:59:	policy a recommendation as well that we have to go
00:31:59> 00:32:00:	in that way.
00:32:00> 00:32:04:	And finally, on the left hand side, very often and
00:32:04> 00:32:08:	we are being criticized as a profession that we are
00:32:08> 00:32:12:	also only dealing with the affluent, the wealthy, and we
00:32:12> 00:32:16:	also need and we do that diving into challenging and
00:32:16> 00:32:18:	contested and conflictual regions.
00:32:19> 00:32:21:	Now you see that's the building Back Better, a plan
00:32:21> 00:32:24:	for a community in the Butcher region in Ukraine.
00:32:24> 00:32:28:	So bringing in this ideas of decarbonization of sustainability to
00:32:29> 00:32:30:	the ones they need that.
00:32:30> 00:32:33:	And in this sense, also showing that this is not
00:32:33> 00:32:36:	just a luxury problem, but also a way to to
00:32:36> 00:32:39:	build back better and also to empower the communities and
00:32:39> 00:32:41:	colleagues in these countries.
00:32:41> 00:32:44:	With that, I, I give back the word to Sabine
00:32:44> 00:32:46:	and look forward to the discussion with you in this
00:32:46> 00:32:49:	
	session or in other occasions in the future.
00:32:49> 00:32:50:	session or in other occasions in the future.  Thank you for the attention.
00:32:49> 00:32:50: 00:32:57> 00:33:00:	
	Thank you for the attention.
00:32:57> 00:33:00:	Thank you for the attention. This was also really interesting as well from the others
00:32:57> 00:33:00: 00:33:00> 00:33:02:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.
00:32:57> 00:33:00: 00:33:00> 00:33:02: 00:33:02> 00:33:06:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.  And please remind a reminder if you have questions, put
00:32:57> 00:33:00: 00:33:00> 00:33:02: 00:33:02> 00:33:06: 00:33:06> 00:33:10:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.  And please remind a reminder if you have questions, put them in your chat because otherwise I'll will ask all
00:32:57> 00:33:00: 00:33:00> 00:33:02: 00:33:02> 00:33:06: 00:33:06> 00:33:10: 00:33:10> 00:33:11:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.  And please remind a reminder if you have questions, put them in your chat because otherwise I'll will ask all my questions.
00:32:57> 00:33:00: 00:33:00> 00:33:02: 00:33:02> 00:33:06: 00:33:06> 00:33:10: 00:33:10> 00:33:11: 00:33:12> 00:33:16:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.  And please remind a reminder if you have questions, put them in your chat because otherwise I'll will ask all my questions.  And, and the last one is Vicky as she will
00:32:57> 00:33:00: 00:33:00> 00:33:02: 00:33:02> 00:33:06: 00:33:06> 00:33:10: 00:33:10> 00:33:11: 00:33:12> 00:33:16:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.  And please remind a reminder if you have questions, put them in your chat because otherwise I'll will ask all my questions.  And, and the last one is Vicky as she will talk about about the sustainable decarbonisation, get tools
00:32:57> 00:33:00: 00:33:00> 00:33:02: 00:33:02> 00:33:06: 00:33:06> 00:33:10: 00:33:10> 00:33:11: 00:33:12> 00:33:16: 00:33:16> 00:33:22:	Thank you for the attention.  This was also really interesting as well from the others and I also have some questions for you afterwards.  And please remind a reminder if you have questions, put them in your chat because otherwise I'll will ask all my questions.  And, and the last one is Vicky as she will talk about about the sustainable decarbonisation, get tools and maybe

00:33:30> 00:33:33:	And I also see that you also brought up a
00:33:33> 00:33:35:	really good other case study as well.
00:33:35> 00:33:37:	So stage is yours.
00:33:37> 00:33:38:	Thank you.
00:33:39> 00:33:40:	Thank you so much, Sabine.
00:33:40> 00:33:43:	So my name is Vicki Odili, I'm Director of Sustainability
00:33:43> 00:33:43:	at TP Bennett.
00:33:44> 00:33:47:	Very fortunate to have a background in architecture and design.
00:33:47> 00:33:50:	I've been able to transition within our company into our
00:33:51> 00:33:52:	in house sustainability team.
00:33:53> 00:33:56:	So we advise both clients and architects and designers how
00:33:56> 00:34:01:	to better embed both social and environmental sustainability on our
00:34:01> 00:34:01:	projects.
00:34:02> 00:34:05:	I thoroughly enjoyed our Berlin advisory panel.
00:34:05> 00:34:08:	It was my first introduction to this format of A,
00:34:08> 00:34:12:	if you haven't done one before, it's like a research
00:34:12> 00:34:14:	Sprint that we did with ULI.
00:34:15> 00:34:18:	And with such a diverse range of expertise on the
00:34:18> 00:34:20:	panel, I really got a lot out of it and
00:34:20> 00:34:23:	found that there was a lot of alignment, which you'll
00:34:23> 00:34:25:	hear throughout our presentations.
00:34:26> 00:34:28:	So some of the topics I'm going to talk about
00:34:28> 00:34:31:	really are thinking about a bit more from the architecture
00:34:32> 00:34:34:	point of view and how we would approach it at
00:34:34> 00:34:35:	that granular scale.
00:34:36> 00:34:38:	And I think there's a lot of things that we
00:34:38> 00:34:41:	can learn from the work that we've done with the
00:34:41> 00:34:42:	social housing providers.
00:34:43> 00:34:47:	They have a interesting approach in that they engage with
00:34:47> 00:34:48:	their customers.
00:34:48> 00:34:52:	It's really an integrated form of in their business model,
00:34:52> 00:34:55:	they have to hear from their customers and take those
00:34:55> 00:34:58:	lessons learned into the future projects.
00:34:58> 00:35:01:	So whenever we've worked from them with worked with
	them,
00:35:02> 00:35:06:	the engagement with the existing residents is something that we've
00:35:06> 00:35:09:	really benefited from to inform the design, not only the
00:35:09> 00:35:12:	brief, but the design development as it evolves.
00:35:13> 00:35:16:	The other thing I think we can learn is that
00:35:16> 00:35:19:	they have a longer term view of the life cycle

00:35:19> 00:35:20:	costing.
00:35:21> 00:35:24:	So that upfront cost is not only thinking about the
00:35:24> 00:35:28:	impact on the asset, but also that wider long term
00:35:28> 00:35:30:	benefit for the residents.
00:35:30> 00:35:34:	Both thinking about social value creation and impact, but also
00:35:34> 00:35:37:	the wider health and well-being to the occupants and at
00:35:37> 00:35:39:	that larger neighborhood scale.
00:35:40> 00:35:44:	So the next page for me, this is an example
00:35:44> 00:35:49:	of a vision that we created for Camberley town centre
00:35:49> 00:35:51:	in Surrey in the UK.
00:35:52> 00:35:55:	And I think we'll see more and more of these
00:35:55> 00:35:58:	kinds of projects coming up, as Lizette alluded to, that
00:35:58> 00:36:02:	we have to reimagine the High Street and the retail
00:36:02> 00:36:05:	centres that we have created and think about how what
00:36:05> 00:36:07:	they could look like in the future.
00:36:08> 00:36:12:	So this was a mixed-use vision for an activated ground
00:36:12> 00:36:15:	floor in public realm with a huge range of uses
00:36:15> 00:36:20:	from office to cinema, residential, hotel and also a sheltered
00:36:20> 00:36:21:	accommodation.
00:36:21> 00:36:25:	So that we're actually placing our elderly residents right in
00:36:25> 00:36:28:	the center where they have easy access to all of
00:36:28> 00:36:32:	the local amenities and can benefit from that neighborliness with
00:36:32> 00:36:35:	the family homes next to the older residents.
00:36:36> 00:36:37:	And I think it's an interesting point.
00:36:37> 00:36:40:	You can see on the slide we're talking about architectural
00:36:40> 00:36:43:	quality doesn't need to be sacrificed in the name of
00:36:43> 00:36:43:	speed.
00:36:43> 00:36:47:	I think there's an interesting alignment between thinking about the
00:36:47> 00:36:52:	planetary boundaries, responsible sourcing of our supply chain and what
00:36:52> 00:36:55:	that means for both material efficiency and cost efficiency.
00:36:56> 00:36:59:	So where we have really clearly thought through the elements
00:36:59> 00:37:03:	of the design, thinking about the actual homes themselves and
00:37:03> 00:37:07:	how they're designed for flexible range of uses, but they
00:37:07> 00:37:09:	can be designed as a kit of parts that can
00:37:09> 00:37:11:	be delivered highly efficiently.
00:37:13> 00:37:16:	And then my last slide, I have another case study
00:37:16> 00:37:19:	where we worked with the first.
00:37:19> 00:37:22:	So this is the delivery arm of Barking and Dagenham

in London, so very close to the Thames, where we
had to consider elements like blood resilience.
But I think that context mapping is something that is
really important for from the architect's point of view.
So again, we're looking at at that wider neighborhood scale
and thinking about what it means for the green and
blue infrastructure, for the renewable energy that we can provide.
And also this was an interesting case study because we've
benefited from the London Plan.
So in this instance, policy really helped to set very
clear targets and metrics.
And Barking and Dagenham in this eastern part of London
has a district heat network.
So all of the 941 homes that we delivered as
part of this master plan, which was 2400 homes are
connected to that wider district, district heat network.
And that's where it's interesting from that social housing perspective
that these are very large players in the neighborhood and
they're able to think about those, the arrangement of not
only the homes, but also the services at that wider
neighborhood level.
So that's that theme you'll hear coming across more and
more the systems thinking approach that we all really drew
the dots between in the advisory panel and thinking about
that the development really needs to be interconnected to it's
both it's community and also to that global supply chain.
That's all for me.
I know we have to allow time for our panel
discussion as well, Sabine.
So thank you so much for inviting me to speak
on those.
Yeah.
Thank you, Vicky and thank you to all of you.
Now it's a time to discuss this a little bit
more briefly.
You may understood this was a quite good work we've
done together and thank you for the presentation and we
may can dig now a little bit more deeply and
maybe more concrete.
So we had had some questions already from the chat.
Maybe we will start with that.

00:39:25> 00:39:30:	So first question was goes to Lisette, maybe because we
00:39:30> 00:39:34:	used in the in one of the charts, our wonderful
00:39:34> 00:39:37:	chart with the radio creation part.
00:39:38> 00:39:42:	And we discussed also that of course with investments in
00:39:42> 00:39:46:	decarbonisation we are unlocking well used in social
	environment.
00:39:48> 00:39:53:	Yeah, measurements or that we see this benefits or create
00:39:53> 00:39:54:	this benefits.
00:39:55> 00:39:57:	The question was how do we measure MIT?
00:39:57> 00:40:00:	I think we only used it as an example, we
00:40:00> 00:40:01:	don't measure it.
00:40:03> 00:40:08:	Precisely in that case, but maybe you can go a
00:40:08> 00:40:13:	little bit deeper about how we this value creation idea
00:40:13> 00:40:17:	and how this values can be measured.
00:40:17> 00:40:18:	And yeah.
00:40:19> 00:40:22:	Yeah, it's a really good question and I don't think
00:40:23> 00:40:25:	I have the answer in in an integrated way.
00:40:25> 00:40:28:	We see a lot more happening in this space.
00:40:32> 00:40:34:	We at the point at the moment when we did
00:40:35> 00:40:38:	this project, we haven't measured it because we didn't have
00:40:38> 00:40:40:	all the financial details also.
00:40:40> 00:40:44:	And obviously I think to measure these elements you need
00:40:44> 00:40:46:	to have a long term perspective.
00:40:47> 00:40:51:	What we are actually doing within you and I right
00:40:51> 00:40:55:	now is we've started the project looking into how to
00:40:55> 00:41:00:	measure social impact specifically in residential and exactly
	trying to
00:41:00> 00:41:03:	take that long term perspective.
00:41:04> 00:41:07:	Because what we see a lot right now is a
00:41:07> 00:41:11:	lot of the social impact is measured at the short
00:41:11> 00:41:14:	term, almost develop more and more.
00:41:14> 00:41:18:	It's the case that if a developer wants to have
00:41:18> 00:41:22:	a permit, you need to kind of take a couple
00:41:22> 00:41:28:	of social impact boxes, whether that's using local employment and
00:41:28> 00:41:32:	workers to do the works, have a certain proportion of
00:41:32> 00:41:37:	affordable social housing in your project, etcetera.
00:41:37> 00:41:41:	We and now what we see is more and more
00:41:41> 00:41:45:	asset owners start to consider sort of what that can
00:41:45> 00:41:49:	mean over the longer term, but a lot has not
00:41:49> 00:41:51:	happened in that.
00:41:51> 00:41:54:	I think it's a combination of quantity.

00:41:54> 00:41:58: 00:41:58> 00:42:04:	You'd still need to look at monetary returns, but also
00.41.56> 00.42.04.	more qualitative aspects of collecting through surveys, for example, whether
00:42:04> 00:42:07:	it's residents or communities, etcetera.
00:42:08> 00:42:11:	I also wonder whether Maria Baby has a view on
00:42:11> 00:42:14:	that, how they did that in in Vienna and the
00:42:14> 00:42:16:	work she was involved with in the past.
00:42:17> 00:42:18:	Maria, how you measured that?
00:42:23> 00:42:27:	Well, Lizette, indeed it's exactly the same as you have
00:42:27> 00:42:29:	been mentioning already.
00:42:29> 00:42:32:	It's, it's quite difficult to measure that, right.
00:42:33> 00:42:42:	So there, there have been lately some approaches to measuring
00:42:42> 00:42:42:	it.
00:42:43> 00:42:45:	But back in the days in Vienna, I have to
00:42:45> 00:42:48:	confess, we didn't actually measure it in the sense we
00:42:48> 00:42:49:	knew it's there.
00:42:49> 00:42:55:	And we used it to argue that investing on behalf
00:42:55> 00:43:01:	of the city in steering this processes is makes sense.
00:43:01> 00:43:05:	Because exactly this means that you will not only steer,
00:43:05> 00:43:10:	let's say, the processes of, of, of renovating the, the
00:43:10> 00:43:14:	entire historical building stock, which is by the way, in
00:43:14> 00:43:17:	Vienna, 40% of all buildings.
00:43:17> 00:43:21:	But you will also do it in a way where
00:43:21> 00:43:27:	you use the opportunity to strengthen community ties, which then
00:43:27> 00:43:33:	of course means strengthening well-being and in the end also
00:43:34> 00:43:40:	promoting, let's put it this way, healthier lifestyles and improving
00:43:40> 00:43:42:	the public realm.
00:43:43> 00:43:48:	And it worked in a wonderful way because in Vienna's
00:43:48> 00:43:53:	case, back in the mid 90's, the urban renewal offices
00:43:53> 00:43:54:	were created.
00:43:55> 00:44:00:	They win a tender every five years and they're financed
00:44:00> 00:44:03:	by the city and their job is to function as
00:44:04> 00:44:09:	catalysts, let's put it this way, between landlords, tenants, local
00:44:09> 00:44:13:	communities and public administration.
00:44:14> 00:44:18:	So they will organize and steer all communication processes needed.
00:44:18> 00:44:21:	They will do planning as well because they were created
00:44:21> 00:44:24:	to steer the renovation, as I mentioned before, of the
00:44:24> 00:44:26:	historical building stock.

00:44:27> 00:44:31:	And by working long term at the local level since
00:44:31> 00:44:35:	the mid 90s, they have created something awesome.
00:44:35> 00:44:39:	Because it was them who actually more or less encouraged
00:44:40> 00:44:44:	communities to stand up to their needs at the local
00:44:44> 00:44:49:	level, who involved them in bottom up design processes at
00:44:49> 00:44:53:	at at the local level, and who have actually led
00:44:53> 00:44:59:	to numerous wonderful projects of regenerating the public
00.44.00> 00.44.00.	realm.
00:45:00> 00:45:01:	2 words by the way.
00:45:02> 00:45:09:	Workability, spending time outdoors, greening, cycling.
00:45:09> 00:45:13:	Now possibly you could measure all this, but as we
00:45:14> 00:45:18:	know, measuring also has, let's say, I think that the
00:45:18> 00:45:23:	downside of trying to measure all of these things is
00:45:23> 00:45:27:	that you need to identify the right indicators.
00:45:28> 00:45:31:	And once you have identified the right indicators, you can
00:45:31> 00:45:33:	then possibly also start monetizing it.
00:45:34> 00:45:35:	Thank you both of you.
00:45:35> 00:45:38:	Maybe, yeah, maybe can I can because we only have
00:45:38> 00:45:40:	30 minutes left with that.
00:45:41> 00:45:42:	I, I, I have another question.
00:45:42> 00:45:46:	We got that because there was also other question about
00:45:46> 00:45:49:	the measurement because I think this was absolutely the basis
00:45:49> 00:45:52:	and the starting point for this discussion that we can't
00:45:52> 00:45:53:	measure it.
00:45:53> 00:45:56:	If you can't measure it, you can you can see
00:45:56> 00:45:59:	the value uplift and then we don't wouldn't have a
00:45:59> 00:46:03:	problem to convince all the stakeholders to do the
	decarbonisation
00:46:03> 00:46:04:	investment case.
00:46:04> 00:46:07:	That's why we starting the project I would say more
00:46:07> 00:46:08:	or less.
00:46:08> 00:46:12:	So maybe it let's go more deeply on that.
00:46:12> 00:46:16:	So Harris, because I know you will have to leave
00:46:16> 00:46:21:	soon, maybe you can give some hints how you how
00:46:21> 00:46:25:	you build this design phase for also to helping the
00:46:25> 00:46:30:	community teams and as Maria said and to build also
00:46:30> 00:46:34:	the buy in of all stakeholders to then do this
00:46:34> 00:46:36:	investment together.
00:46:36> 00:46:40:	Maybe give some hints, especially you talk, we talked about
00:46:40> 00:46:45:	workability, the spatial connectivity, the and also the block density
00:46:45> 00:46:47:	because we want to get back.

00:46:46> 00:46:46:	On that.
00:46:49> 00:46:50:	Thank you for the questions, Sabina.
00:46:50> 00:46:55:	I think that's very difficult to measure qualitative and social
00:46:55> 00:46:55:	aspects.
00:46:55> 00:47:00:	So there's attempts to to to measure citizen satisfaction, etcetera,
00:47:00> 00:47:04:	but they're quite of course difficult to, to quantify in
00:47:04> 00:47:04:	the end.
00:47:04> 00:47:07:	And how we really, really back to your question, try
00:47:07> 00:47:09:	to do it in diving into the neighborhoods.
00:47:09> 00:47:12:	And of course we have to deal with an analysis
00:47:12> 00:47:16:	of the spatial aspects of socio economic, go there and
00:47:16> 00:47:19:	do field research, talk to the people and then show
00:47:19> 00:47:22:	and and reveal that we are honest with dealing with
00:47:22> 00:47:23:	the neighborhood.
00:47:23> 00:47:26:	We're not just some expert team who just lands as
00:47:26> 00:47:28:	parachuters and proposes something that goes away.
00:47:29> 00:47:31:	So it needs a lot of legitimacy that can only
00:47:31> 00:47:33:	be created to, to, to the establishing trust.
00:47:34> 00:47:36:	And in this by by showing that we did a
00:47:36> 00:47:39:	deep analysis and research and created a profound understanding of
00:47:39> 00:47:40:	the neighborhood.
00:47:40> 00:47:44:	This creates trust and in this sense, but to to
00:47:44> 00:47:48:	turn this into, into a more proactive aspect of Co
00:47:48> 00:47:49:	creation.
00:47:49> 00:47:52:	So very often we have these processes where people come
00:47:52> 00:47:56:	complain or, or they, they, they, they deposit their
00:47:56> 00:47:59:	fears and frustrations and go away and, and accept others
00:47:59> 00:48:02:	to solve it in the Co creation process.
00:48:02> 00:48:04:	This is where we it's not to take away the
00:48:04> 00:48:06:	responsibility from the public sector.
00:48:06> 00:48:09:	It's about to create this quadruple Helix context.
00:48:09> 00:48:12:	And in this sense, we then need to translate what
00:48:12> 00:48:17:	we hear in these intensive workshops that now increasingly called
00:48:17> 00:48:21:	city action labs, and then extract and and distill and
00:48:21> 00:48:25:	filter out what we hear there and then translate that
00:48:25> 00:48:28:	into spatial and into technical solutions.
00:48:28> 00:48:31:	And in this sense, it really needs a a sort
00:48:31> 00:48:36:	of a curatorship process rather than this visionary design
	idea.

00:46:48 --> 00:46:48: On that.

00:48:39> 00:48:42:	case, this neighborhood teams and hubs that Maria mentioned, who
00:48:42> 00:48:44:	are the translators very often and who stay on the
00:48:45> 00:48:45:	ground.
00:48:45> 00:48:48:	But in this sense, us as as, as, as designers
00:48:48> 00:48:52:	and in my as a generation also, we believe more
00:48:52> 00:48:55:	in, in creating processes rather than coming with this big
00:48:55> 00:48:59:	idea and design from, from the from the helicopter.
00:48:59> 00:49:02:	And in this sense, it's a long term process, but
00:49:02> 00:49:05:	this is one that creates more sustainable and acceptable solutions.
00:49:05> 00:49:08:	And again, it's not just to romanticize about, it's also
00:49:08> 00:49:11:	that reduced costs and reduced risk in the end of
00:49:11> 00:49:14:	the day of large scale investment that very often fail
00:49:14> 00:49:17:	because of the stakeholder misalignment.
00:49:18> 00:49:18:	Thank you.
00:49:18> 00:49:20:	So I think this is one of the things I've
00:49:20> 00:49:23:	learned in the panel just because I was not at
00:49:23> 00:49:24:	all the expert.
00:49:24> 00:49:27:	I was only the facilitator with all of you together.
00:49:27> 00:49:29:	So I've learned that this is one of the most
00:49:29> 00:49:32:	important thing that's not one fits all, that's going really
00:49:32> 00:49:34:	deeply into the community.
00:49:34> 00:49:35:	Learn what's needed.
00:49:35> 00:49:39:	And then maybe the call to action is to get
00:49:39> 00:49:43:	at most out of that to get the the ideas
00:49:43> 00:49:49:	to get the highest benefit in all of environmental, social
00:49:49> 00:49:50:	and economy value.
00:49:51> 00:49:55:	And maybe goes now back to Vicky, because you showed
00:49:55> 00:49:59:	case also in your case how you could run that.
00:49:59> 00:50:04:	And especially maybe the thing we also talked to improve
00:50:04> 00:50:08:	the business case could be also the idea of to
00:50:08> 00:50:12:	scale, to scale as fast as you can to scale
00:50:12> 00:50:13:	the solutions.
00:50:13> 00:50:17:	Maybe you can talk a little bit about that and
00:50:17> 00:50:21:	how to what are the maybe the main challenges there
00:50:21> 00:50:25:	If you want to scale be also discussed about the
00:50:25> 00:50:29:	small houses and that this may be an opportunity.
00:50:30> 00:50:30:	To do something.
00:50:30> 00:50:33:	I mean, it was, it was interesting looking at that
00:50:33> 00:50:36:	context of book over hoof and Germany where it was
00:50:36> 00:50:40:	this very large estate with the small houses across the

00:50:40> 00:50:42:	road and those opportunities for connection.
00:50:43> 00:50:45:	And what what would that look like if we extended
00:50:45> 00:50:49:	those district heating networks across the road so that
	everyone
00:50:49> 00:50:52:	can benefit from having those larger players acting in the
00:50:52> 00:50:56:	neighborhood and you're not only building a thriving
00.50.50 > 00.50.50.	community within
00:50:56> 00:50:59:	your own Red Line boundary, but you're extending it beyond.
00:51:00> 00:51:01:	So I think that's a really interesting point.
00:51:01> 00:51:04:	We need to consider what that means for all of
00:51:05> 00:51:08:	the the smaller players and how they can interact.
00:51:09> 00:51:11:	I think we understand that at a personal level, that
00:51:11> 00:51:13:	we understand what it means to be good neighbors.
00:51:14> 00:51:16:	So what does that look like when we're thinking about
00:51:16> 00:51:17:	it in terms of development?
00:51:17> 00:51:21:	How are we being neighborly to the surrounding areas and
00:51:21> 00:51:24:	how can we bring them along on that journey to
00:51:24> 00:51:28:	reinvigorate or reimagine or regenerate that place?
00:51:29> 00:51:33:	So I think the there's some interesting points about not
00:51:33> 00:51:37:	only thinking about that in the heat network view, but
00:51:37> 00:51:41:	also in sharing resources and services, how we think about
00:51:41> 00:51:45:	those ground floor activation and bring people into the space
00:51:45> 00:51:49:	so that we're creating safe shared spaces for everyone to
00:51:49> 00:51:50:	USE.
00:51:50> 00:51:53:	So I think it functions at both the kind of
00:51:53> 00:51:57:	sustainable level of delivering renewable energy, but also at the
00:51:57> 00:52:01:	resident level, making sure that we're building those
	community connections,
00:52:01> 00:52:04:	that it will be a thriving place for everyone.
00:52:06> 00:52:06:	Thank you.
00:52:06> 00:52:12:	If I maybe we could emphasize what what we told
00:52:12> 00:52:14:	all the stakeholders.
00:52:15> 00:52:18:	I like the idea and the image very much to
00:52:18> 00:52:19:	say think across the street.
00:52:19> 00:52:22:	I think this is already if you think in this
00:52:22> 00:52:25:	way, mate, you're already unlocking a lot of social value.
00:52:25> 00:52:29:	I would say so this is already the the last
00:52:29> 00:52:33:	question all, all of you, please give a really short
00:52:33> 00:52:34:	answer.
00:52:34> 00:52:38:	I also want to touch the last question about give
00:52:39> 00:52:44:	a push on again working that all stakeholders working may
00:52:44> 00:52:45:	be Better Together.

00:52:46> 00:52:46:	Is that for you?
00:52:46> 00:52:51:	The question is we talked also how that we have
00:52:52> 00:52:59:	maybe benefits allocated to stakeholders who are not paying yet.
00:53:00> 00:53:03:	How are you think how we can get them paying
00:53:03> 00:53:07:	on how you maybe could get an idea to capture
00:53:07> 00:53:10:	that value and to deploy that to them and maybe
00:53:10> 00:53:13:	get the business case fine but.
00:53:15> 00:53:20:	I think collaboration and trust are are key and I
00:53:20> 00:53:25:	think sort of taking, taking that perspective and and bring
00:53:25> 00:53:30:	it more broadly and not just short term now, but
00:53:30> 00:53:32:	also long term later.
00:53:32> 00:53:37:	I think it's really important and yeah, we talk a
00:53:37> 00:53:44:	lot about measurement before as well, and sort of almost
00:53:44> 00:53:51:	the measurement justifying the action and the the investment,
00:53:51> 00:53:53:	if you will.
00:53:53> 00:53:55:	I wanted to comment on that because I think it's
00:53:55> 00:53:56:	relevant here too.
00:53:57> 00:53:58:	And Maria also touched on it.
00:53:58> 00:54:03:	I think common sense is really important here and I
00:54:03> 00:54:06:	use that a lot in other examples too.
00:54:07> 00:54:10:	I'm, I'm Dutch, I'm from the Netherlands and sort of,
00:54:10> 00:54:14:	I think what Philips originally did in Eindhoven many decades
00:54:14> 00:54:17:	ago, I think it's still very interesting, but it's smart.
00:54:17> 00:54:21:	Started as a small lighting company, but I don't know
00:54:21> 00:54:25:	how or why, but they also invested in schools, they
00:54:25> 00:54:30:	invested in housing for their workers, they invested in healthcare,
00:54:30> 00:54:32:	even a football stadium.
00:54:33> 00:54:36:	And we've seen that in many other cities too.
00:54:36> 00:54:39:	And I don't think they had a spreadsheet sort of
00:54:39> 00:54:42:	to figure out what the financial benefit of that would
00:54:42> 00:54:45:	be before they started investing in all of that.
00:54:46> 00:54:49:	And I think it's, it's that view, it's, it's exactly
00:54:49> 00:54:50:	what Maria said before.
00:54:50> 00:54:55:	It's, it's having the, the trust and the conviction that
00:54:55> 00:55:01:	if you invest in these software elements, actually, it ultimately
00:55:01> 00:55:02:	will do good.
00:55:02> 00:55:06:	But either for the community or the city or the
00:55:06> 00:55:10:	people and therefore for financial returns as well.
00:55:11> 00:55:14:	And I think that's sort of, and that's why we
00:55:14> 00:55:20:	need to bring the different stakeholders that might not

necessarily

00:55:20 --> 00:55:23: own assets there, but have a wider role to play.

00:55:24 --> 00:55:28: I think we need to all bring them into the

conversation, but then to allow sort of people to also

00:55:33 --> 00:55:34: play a role.
 00:55:35 --> 00:55:38: And in some cases, like for example, the core 1st and I'm example that I showed sometimes it's also for public sector to let the private sector take initiatives.

**00:55:47 --> 00:55:53:** And by just providing flexibility if for example, repurposing or **00:55:53 --> 00:56:00:** sometimes densifying, speeding up planning processes, that's already huge benefit

**00:56:00 --> 00:56:02:** because time is a cost to.

**00:56:03 --> 00:56:08:** So it's paying doesn't necessarily mean monetary payment.

**00:56:08 --> 00:56:11:** Contributions can be in many different ways.

00:56:11 --> 00:56:15: And I think that's really important that for the public sector, it doesn't always mean that a subsidy is a

**00:56:19 --> 00:56:19:** payment.

**00:56:20 --> 00:56:25:** A subsidy can also be facilitating, bringing parties together, speeding

**00:56:25 --> 00:56:28:** up processes, being more flexible.

**00:56:28 --> 00:56:30:** I think that's really important to realise too.

**00:56:31 --> 00:56:33:** It realise I take too much time.

**00:56:33 --> 00:56:34:** Sorry for that.

**00:56:35 --> 00:56:37:** But you touched a really, really good point. **00:56:37 --> 00:56:40:** It's also the the role of the public sector.

00:56:40 --> 00:56:44: And maybe, Maria, as you were the vice or deputy
00:56:44 --> 00:56:47: mayor of Vienna, you have a lot of knowledge about
00:56:47 --> 00:56:51: the public sector and what the public, how the public

**00:56:51 --> 00:56:53:** sector could lead this way.

**00:56:54 --> 00:56:57:** And as we learned in this panel, the idea of **00:56:58 --> 00:57:01:** the nice could be really, really good idea.

**00:57:01 --> 00:57:05:** Maybe you could think how the European commissioner of ours

00:57:05 --> 00:57:08: maybe could spend some money on that and maybe you

**00:57:08 --> 00:57:11:** could give an idea how how you did it in

00:57:11 --> 00:57:12: Vienna.

00:57:12 --> 00:57:16: And as you talk also talked about this idea with 00:57:16 --> 00:57:20: our cities already, could that be the one idea that 00:57:20 --> 00:57:24: we could take this idea to other cities as well

00:57:24 --> 00:57:28: and also maybe on the level of the European Commission

**00:57:29** --> **00:57:29**: and EU?

00:57:30 --> 00:57:35: Very, very briefly, Sabrina, I think that what what the

00:57:35 --> 00:57:39: lesson to share from Vienna is that all of these

00:57:39> 00:57:43:	visions need steering and they need teams.
00:57:43> 00:57:46:	They need skilled, dedicated teams that will be responsible to
00:57:46> 00:57:47:	steer that.
00:57:47> 00:57:50:	They just don't happen just by themselves.
00:57:51> 00:57:53:	And This is why we always need to focus on
00:57:54> 00:57:58:	governance and institution building, which I personally believe is most
00:57:58> 00:58:01:	probably one of the basic tasks of getting big things
00:58:02> 00:58:02:	done.
00:58:03> 00:58:06:	Now in in this case, I think it also means
00:58:06> 00:58:11:	that the public hand needs to take the leading role
00:58:11> 00:58:15:	and the steering role because you will have many actors
00:58:15> 00:58:20:	that will be interested, that will be benefiting, that need
00:58:20> 00:58:23:	to do to, to, to engage in change.
00:58:24> 00:58:28:	Think of the taxonomy, think of corporate social responsibility.
00:58:28> 00:58:32:	Think of all of the hundreds of aspects that will
00:58:32> 00:58:36:	actually more or less mean that that big players need
00:58:36> 00:58:38:	to move forward.
00:58:38> 00:58:41:	And that you have all of these small players, like
00:58:41> 00:58:44:	small homeowners who would actually also like to retrofit their
00:58:44> 00:58:46:	homes and have lower energy bills.
00:58:44> 00:58:46: 00:58:46> 00:58:48:	
	homes and have lower energy bills.
00:58:46> 00:58:48:	homes and have lower energy bills. But who steers that?
00:58:46> 00:58:48: 00:58:48> 00:58:49:	homes and have lower energy bills. But who steers that? Who organizes that?
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna.
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16: 00:59:16> 00:59:20:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into all measures that we're deciding to take as a city administration and what they mean in terms of saving
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16: 00:59:16> 00:59:20: 00:59:20> 00:59:25:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into all measures that we're deciding to take as a city administration and what they mean in terms of saving carbon,
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16: 00:59:16> 00:59:20: 00:59:20> 00:59:25:	homes and have lower energy bills.  But who steers that?  Who organizes that?  So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna.  And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into all measures that we're deciding to take as a city administration and what they mean in terms of saving carbon, right, or producing.
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16: 00:59:16> 00:59:20: 00:59:20> 00:59:25:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into all measures that we're deciding to take as a city administration and what they mean in terms of saving carbon, right, or producing. Emitting carbon is also a very valid way to monetize
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16: 00:59:20> 00:59:20: 00:59:20> 00:59:25:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into all measures that we're deciding to take as a city administration and what they mean in terms of saving carbon, right, or producing. Emitting carbon is also a very valid way to monetize Co benefits because there are formulas if you start by looking into saving emissions or producing emissions to also,
00:58:46> 00:58:48: 00:58:48> 00:58:49: 00:58:49> 00:58:53: 00:58:53> 00:58:58: 00:58:58> 00:59:01: 00:59:02> 00:59:06: 00:59:06> 00:59:11: 00:59:11> 00:59:16: 00:59:20> 00:59:20: 00:59:20> 00:59:25: 00:59:25> 00:59:31: 00:59:31> 00:59:35: 00:59:35> 00:59:41:	homes and have lower energy bills. But who steers that? Who organizes that? So realizing that leading today for the public hand and especially for city administrations is more steering is I think the take away from Berlin and from Vienna. And one last thing, because we've been talking a lot about measuring, I think that carbon budgeting, we can call it climate budgeting, if you will, which means looking into all measures that we're deciding to take as a city administration and what they mean in terms of saving carbon, right, or producing. Emitting carbon is also a very valid way to monetize Co benefits because there are formulas if you start by looking into saving emissions or producing emissions to also, as
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00:59:52> 00:59:57:	strong point to realizing that, yes, measuring is good and
00:59:57> 01:00:02:	is needed, but we're in the beginning of these processes.
01:00:02> 01:00:05:	We need to think about how to measure now at
01:00:05> 01:00:07:	the local level so that we can then have the
01:00:07> 01:00:10:	figures that we need in 10 years from now.
01:00:11> 01:00:11:	But.
01:00:12> 01:00:12:	We did, Maria.
01:00:12> 01:00:14:	I don't want to interrupt.
01:00:14> 01:00:16:	You know, we have to come to an end.
01:00:17> 01:00:19:	Thank you, I've made all the points I wanted.
01:00:20> 01:00:21:	I know, I know your points.
01:00:21> 01:00:25:	That's why I know now I can interrupt because I
01:00:25> 01:00:29:	also want to ask a really, really last question.
01:00:29> 01:00:32:	And then we have really to come in and to
01:00:32> 01:00:36:	Vicki, because I, we understood that there's a lot of
01:00:36> 01:00:40:	investment questions, a lot of questions about governance
	and so
01:00:40> 01:00:40:	on.
01:00:40> 01:00:45:	But what kind of what kind of role the architects
01:00:45> 01:00:46:	could play here?
01:00:46> 01:00:50:	Maybe give some ideas also, especially on the on the
01:00:50> 01:00:51:	teams, Maria said.
01:00:51> 01:00:56:	I think architects and other good consultants could play a
01:00:56> 01:01:00:	really important we're here and we already have to close.
01:01:01> 01:01:01:	Yes.
01:01:01> 01:01:06:	So last closing remarks, I think Maria's point on collaboration
01:01:06> 01:01:07:	is entirely valid.
01:01:08> 01:01:11:	I think both Lisette and Maria made that point that
01:01:11> 01:01:14:	that's where we design teams thrive when we're really working
01:01:14> 01:01:15:	in collaboration.
01:01:15> 01:01:19:	And for me, I think also picking up on that
01:01:19> 01:01:22:	point of the carbon or the climate budget that for
01:01:22> 01:01:26:	us, we work best when we're able to define the
01:01:26> 01:01:30:	brief with the client and considering not only those financial
01:01:30> 01:01:35:	impacts, but also what that means for the wider planetary
01:01:35> 01:01:35:	impacts.
01:01:36> 01:01:38:	So when the architects able to come in and work
01:01:38> 01:01:42:	alongside the client, considering those neighborhood benefits and actually define
01:01:42> 01:01:43:	those into the brief.
01:01:44> 01:01:46:	So that even if we're not exactly sure how we're
01:01:46> 01:01:49:	measuring the social value, social impact, we've actually got

the 01:01:49 --> 01:01:50: targets in the brief at the outset. 01:01:51 --> 01:01:53: So that as we go through value engineering process, we've 01:01:53 --> 01:01:56: got those clear guiding lights that inform those decisions. 01:01:56 --> 01:01:59: I think that's one of the things that we can 01:01:59 --> 01:02:01: really all set so that we've got those KPIs that 01:02:01 --> 01:02:03: we're all working to on all of our future projects. 01:02:05 --> 01:02:07: Thank you so much for that. 01:02:07 --> 01:02:10: And there's one call to action because we had one 01:02:10 --> 01:02:15: question from the audience and showcasing that there's one really 01:02:15 --> 01:02:19: good example in Glasgow, if I understand it, hopefully correctly. 01:02:19 --> 01:02:23: Catherine, you reached out to that and I we will 01:02:23 --> 01:02:28: if you're interested to be part of the discussion that this is in this case comes from AUK based I 01:02:28 --> 01:02:31: 01:02:31 --> 01:02:34: would say not prop tech. 01:02:34 --> 01:02:36: This is not nice, this what what what you're doing, 01:02:36 --> 01:02:38: but you do a similar work in Glasgow. 01:02:38 --> 01:02:42: And if somebody else is interested in joining and I think we will have this cash with fuel afterwards, how 01:02:42 --> 01:02:45: 01:02:45 --> 01:02:48: we maybe could share the lessons what you have. 01:02:48 --> 01:02:52: But if somebody from this audience communities happy to involve that because we all understood we all have to play 01:02:52 --> 01:02:56: 01:02:56 --> 01:02:56: a role here. Happy to reach out to us and we will met 01:02:57 --> 01:03:01: 01:03:01 --> 01:03:02: you with Katherine. 01:03:03 --> 01:03:05: So and then thank you a lot for all your 01:03:05 --> 01:03:08: work, especially also from my point of view as a 01:03:08 --> 01:03:11: Berliner for all your work you've done for Berlin. 01:03:11 --> 01:03:14: First of all, thank you for this discussion. 01:03:15 --> 01:03:18: Thank you for all of you was with us today. 01:03:18 --> 01:03:22: Hopefully you learned something and then there will be a 01:03:22 --> 01:03:24: little as survey afterwards. 01:03:24 --> 01:03:29: The whole session will be of course was recorded and 01:03:29 --> 01:03:34: we will have have the report available on Knowledge Finder

Thank you so much for hosting us.

Thank you.

as well as I do and have a nice afternoon.

for for your friends and hopefully you enjoyed the session

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