Video

ULI Tampa Bay Resilient Land Use Cohort Technical Assistance Panel Presentation
Date: April 29, 2021

00:00:04 --> 00:00:08:	Good afternoon everyone. I'm I'm really excited to come to
00:00:08 --> 00:00:12:	introduce you to a group of folks that have really
00:00:12 --> 00:00:16:	spent the last three days dedicating a lot of their
00:00:16 --> 00:00:16:	time
00:00:16 --> 00:00:20:	and resources to help the city of Tampa kind of
00:00:20 --> 00:00:21:	reimagine.
00:00:21 --> 00:00:25:	And frankly, on a lot of the great work that
00:00:25 --> 00:00:30:	we have done so far on our stormwater management practices
00:00:30 --> 00:00:31:	and.
00:00:31 --> 00:00:33:	And think about some opportunities for the future,
00:00:33 --> 00:00:37:	and this is being done through a generous grant that
00:00:37 --> 00:00:39:	the Urban Land Institute provided.
00:00:39 --> 00:00:42:	And I'll let maybe Leah and Siobhan talk a little
00:00:42 --> 00:00:44:	bit more about you.
00:00:44 --> 00:00:46:	Li and the tap program,
00:00:46 --> 00:00:49:	but I just want to thank the city Tampa leadership
00:00:49 --> 00:00:51:	for joining this call.
00:00:51 --> 00:00:54:	We've got hopefully kind of the Parks Department on Storm
00:00:54 --> 00:00:58:	Water Department infrastructure ability and and your staff dedicated some
00:00:58 --> 00:01:00:	of their time this week to help.
00:01:00 --> 00:01:03:	Kind of. Talk about their work and some of the
00:01:03 --> 00:01:06:	best practices that you're that they are currently using with
00:01:06 --> 00:01:09:	the ULLULI tap panel and so thank you for allowing
00:01:09 --> 00:01:12:	them to spend some time with us and we're really
00:01:12 --> 00:01:15:	excited to share some of their work combined with some
00:01:15 --> 00:01:18:	of the best practices that are steam panel from across
00:01:18 --> 00:01:20:	the country has put together for us today.

00:01:20 --> 00:01:22:	So if I don't know if you just want to
00:01:22 --> 00:01:25:	talk 2 seconds about you lie that app panel and
00:01:25 --> 00:01:28:	the panelists themselves and then we can go right into
00:01:28 --> 00:01:31:	the presentation. Yep, Taylor's
00:01:31 --> 00:01:32:	got you covered with
00:01:32 --> 00:01:36:	all that. Yeah, I'll be taken over thanks wit and
00:01:36 --> 00:01:39:	thanks everyone for being here today with us.
00:01:39 --> 00:01:43:	We're excited to present on our findings over the last
00:01:43 --> 00:01:44:	couple of days here.
00:01:44 --> 00:01:47:	A little bit about ULIULI's mission is to shape the
00:01:47 --> 00:01:51:	future of the built environment for transformative impact in communities
00:01:51 --> 00:01:55:	worldwide and our membership organization is is truly multidisciplinary.
00:01:55 --> 00:01:58:	With 45,000 members in private and public sectors,
00:01:58 --> 00:02:01:	we conduct research, provide a forum for sharing.
00:02:01 --> 00:02:03:	Best practices be published. Books and magazines.
00:02:03 --> 00:02:06:	Organize and conduct meetings, direct outreach programs,
00:02:06 --> 00:02:09:	and conduct advisory service panels such as this one here,
00:02:09 --> 00:02:14:	which is kind of called a technical advisory panel.
00:02:14 --> 00:02:19:	Next slide. Urban resilience at ULI is obviously extremely important
00:02:19 --> 00:02:20:	recently,
00:02:20 --> 00:02:23:	and we're honored to have Leah Shepherd with the ULA
00:02:23 --> 00:02:28:	and Aaron with the ULI Resilience Team Urban Resilience program
00:02:28 --> 00:02:32:	brings utilize expertise and land use real estate and climate
00:02:32 --> 00:02:37:	resilience to communities nationwide. We they've been hosting these resilience
00:02:37 --> 00:02:41:	panels which provide land use and development strategies for vulnerable
00:02:41 --> 00:02:41:	sites,
00:02:41 --> 00:02:44:	assessed policies, opportunities to enhance Community resilience,
00:02:44 --> 00:02:47:	craft strategies for implementation and funding.
00:02:47 --> 00:02:53:	Lakeside please. And so why are we here actually?
00:02:53 --> 00:02:57:	Usually the resilience team they put together a resilient land
00:02:57 --> 00:02:58:	use cohort,
00:02:58 --> 00:03:02:	which were one of eight cities that is actually looking
00:03:02 --> 00:03:03:	at a local local issue.
00:03:03 --> 00:03:06:	So you lie. Tampa Bay was one of the grant
00:03:06 --> 00:03:10:	recipients of this resilient land use cohort,
00:03:10 --> 00:03:14:	and our luck platform, which is resilient land use cohort.
00:03:14 --> 00:03:17:	Our luck is a platform for technical assistance and knowledge

00:03:17 --> 00:03:21:	sharing between 8:00 cities and their UI District councils.
00:03:21 --> 00:03:25:	Our luck leverages ULI member expertise to identify strategies for
00:03:25 --> 00:03:28:	cities to be more resilient in the face of climate
00:03:28 --> 00:03:30:	change and other vulnerabilities,
00:03:30 --> 00:03:33:	as well as the related social,
00:03:33 --> 00:03:35:	environmental and economic impacts. Next slide,
00:03:35 --> 00:03:40:	please. We we we absolutely want to thank.
00:03:40 --> 00:03:43:	Obviously the city of Tampa for your time and attention
00:03:43 --> 00:03:43:	and expertise.
00:03:43 --> 00:03:47:	And obviously a lot of knowledge sharing over the last
00:03:47 --> 00:03:49:	few days as well as JP Morgan Chase,
00:03:49 --> 00:03:51:	who actually funded the elect program.
00:03:51 --> 00:03:53:	And so the city of Tampa and ULI went in
00:03:54 --> 00:03:57:	for this project together and got a grant from JP
00:03:57 --> 00:03:58:	Morgan Chase.
00:03:58 --> 00:04:01:	And I believe someone was potentially going to be joining
00:04:01 --> 00:04:02:	us from JP Morgan Chase.
00:04:02 --> 00:04:05:	Not sure that they're here or if they're if they
00:04:05 --> 00:04:06:	are.
00:04:06 --> 00:04:08:	Hello, thank you for joining us.
00:04:10 --> 00:04:12:	OK, so now we're down to the brass tacks of
00:04:12 --> 00:04:15:	what we're doing and what we're presenting.
00:04:15 --> 00:04:19:	Today we came up with wit and team.
00:04:19 --> 00:04:23:	Cope, and so. This panel of experts that you'll meet
00:04:23 --> 00:04:27:	here in a second were tasked with outlining best practices
00:04:27 --> 00:04:32:	and recommendations for the following topics for city owned green
00:04:32 --> 00:04:35:	spaces. So we want to look at creative design and
00:04:35 --> 00:04:40:	equity centered solutions for addressing stormwater management and retention,
00:04:40 --> 00:04:44:	while also adding value and appeal through more functional and
00:04:44 --> 00:04:45:	multi-purpose uses.
00:04:45 --> 00:04:50:	In addition to that, we want to look at successful.
00:04:50 --> 00:04:54:	Frameworks for governance, finance, operations and management of city owned
00:04:54 --> 00:04:57:	green spaces that are centered on equitable outcomes.
00:04:59 --> 00:05:01:	Next slide, please. And so now I want to give
00:05:01 --> 00:05:03:	a chance for you all to meet all of our
00:05:03 --> 00:05:04:	esteemed panelists.
00:05:04 --> 00:05:06:	And I'll start with Jason held in drum.
00:05:07 --> 00:05:09:	Hi everybody, I'm Jason Helland wrong.

00:05:09 --> 00:05:13:	I'm the vice president and director of planning and design
00:05:13 --> 00:05:14:	for Tetra Tech.
00:05:14 --> 00:05:17:	I'm in Boston, I'm a landscape architect and planner by
00:05:17 --> 00:05:20:	training and I a lot of my practice is focused
00:05:20 --> 00:05:24:	on integrating infrastructure projects into cities and so in that
00:05:24 --> 00:05:27:	role. I work with all of our engineering environmental teams
00:05:27 --> 00:05:31:	across the country to help integrate those kinds of projects
00:05:31 --> 00:05:34:	into cities and help really guide and drive transformation and
00:05:34 --> 00:05:36:	redevelopment and revitalization. Happy to be here.
00:05:39 --> 00:05:45:	Happy. Hello everyone, I'm happy Haynes.
00:05:45 --> 00:05:50:	I'm the executive director of Denver Parks and Recreation and
00:05:51 --> 00:05:55:	and who knew when I started this job five years
00:05:55 --> 00:06:01:	ago that I'd become a semi expert in stormwater management.
00:06:01 --> 00:06:05:	But I have become a a real advocate for green
00:06:05 --> 00:06:11:	infrastructure and for the the place making that up planning
00:06:11 --> 00:06:13:	for stormwater.
00:06:13 --> 00:06:16:	And parks and open spaces and just building livable spaces
00:06:16 --> 00:06:17:	in our communities.
00:06:17 --> 00:06:20:	Offers. So. Glad to be here
00:06:20 --> 00:06:22:	today. Desire.
00:06:26 --> 00:06:28:	Hi, thanks for having me.
00:06:28 --> 00:06:33:	Josiah Kane and director of Innovation for Sherwood Design Engineers
00:06:33 --> 00:06:37:	where civil engineering firm and working a lot of green
00:06:37 --> 00:06:41:	infrastructure and flood and water management projects.
00:06:41 --> 00:06:46:	Uhm? I've been. Most deeply involved lately in the design
00:06:46 --> 00:06:52:	and technical integration of civil infrastructure and urban design.
00:06:52 --> 00:06:54:	And have enjoyed looking at tempo with you.
00:06:58 --> 00:06:58:	Again.
00:06:59 --> 00:07:03:	Hi everyone, I'm Pegeen Hanrahan and I am a native
00:07:03 --> 00:07:05:	and lifelong resident of Gainesville,
00:07:05 --> 00:07:09:	but my sister is a longtime 30 year plus resident
00:07:09 --> 00:07:10:	of Tampa,
00:07:10 --> 00:07:14:	so she lives there in the South Tampa and Sunset
00:07:14 --> 00:07:14:	Park.
00:07:14 --> 00:07:18:	I work for the trust for public land and since
00:07:18 --> 00:07:20:	2005 I've worked on funding,
00:07:20 --> 00:07:24:	parks, trails, land and even green schoolyards at the ballot
00:07:24 --> 00:07:24:	box,
00:07:24 --> 00:07:28:	including they hold for a elapp program and also amendment

00:07:29 --> 00:07:29:	one in 2014.
00:07:29 --> 00:07:31:	I Co chaired that campaign,
00:07:31 --> 00:07:34:	so I also served 12 years as an elected official
00:07:35 --> 00:07:36:	for the City of Gainesville.
00:07:36 --> 00:07:40:	I was mayor for two terms and also City Commissioner
00:07:40 --> 00:07:42:	and I am an environmental engineer.
00:07:42 --> 00:07:45:	I did my masters research at the University of Florida
00:07:45 --> 00:07:47:	in stormwater management actually,
00:07:47 --> 00:07:50:	and I was very actively engaged in some of the
00:07:50 --> 00:07:54:	huge park slash stormwater projects at the city of Gainesville,
00:07:54 --> 00:07:57:	Depot Park and Sweetwater Wetlands Park or my babies,
00:07:57 --> 00:08:00:	as was the wild spaces public.
00:08:00 --> 00:08:02:	Places land conservation program and parks program,
00:08:02 --> 00:08:06:	so leave it there. Excited to be here.
00:08:06 --> 00:08:07:	And
00:08:07 --> 00:08:10:	I did not introduce myself earlier 'cause I knew I
00:08:10 --> 00:08:12:	would have a chance here.
00:08:12 --> 00:08:14:	I'm Taylor, Ralph and I'm the president and founder of
00:08:14 --> 00:08:16:	Real building consultants.
00:08:16 --> 00:08:19:	Born and raised in Tampa and our firm I founded
00:08:19 --> 00:08:23:	in 2006 and we are sustainability consultants and energy consultants
00:08:23 --> 00:08:26:	and we work a lot with institutions and developers in
00:08:26 --> 00:08:29:	the marketplace. Tampa Bay and throughout the southeast.
00:08:29 --> 00:08:32:	I'm also honored to be the chair of this panel
00:08:32 --> 00:08:32:	today,
00:08:32 --> 00:08:35:	so that's why I kind of started things off,
00:08:35 --> 00:08:38:	but. Glad to be here and get to see some
00:08:38 --> 00:08:42:	familiar faces virtually and look forward to sharing with the
00:08:42 --> 00:08:42:	team here,
00:08:42 --> 00:08:43:	so Chris.
00:08:44 --> 00:08:46:	Thank you Taylor. I'm Chris Ahearn,
00:08:46 --> 00:08:47:	I'm actually a Tampa resident.
00:08:47 --> 00:08:51:	I married into Tampa family in 2010 so I'm about
00:08:51 --> 00:08:56:	my family's from Saint Petersburg so I'm very familiar with
00:08:56 --> 00:08:56:	the Bay.
00:08:56 --> 00:09:00:	I have an environmental engineer as well from the University
00:09:00 --> 00:09:00:	of Florida.
00:09:00 --> 00:09:04:	And my background is of most recently is last 20
00:09:04 --> 00:09:08:	years water quality of estuaries and working specifically in the
00:09:08 --> 00:09:11:	interface between the water and land.
00:09:11 --> 00:09:16:	I focused a lot on capital program management infrastructure

	related
00:09:16 --> 00:09:19:	to marinas and waterfront structures.
00:09:19 --> 00:09:19:	Awesome,
00:09:19 --> 00:09:23:	awesome and I wanna also next slide.
00:09:23 --> 00:09:27:	Make sure that we thank the awesome staff that has
00:09:27 --> 00:09:29:	been helping us these last few days,
00:09:29 --> 00:09:31:	but also these last few months.
00:09:31 --> 00:09:35:	We recently finished another technical advisory panel with the City
00:09:35 --> 00:09:35:	of Tampa.
00:09:35 --> 00:09:38:	The affordable housing and Equity Technical Advisory panel,
00:09:38 --> 00:09:42:	and so Jen and Siobhan have been working really hard
00:09:42 --> 00:09:45:	for a long while with on City of Tampa issues.
00:09:45 --> 00:09:48:	Aaron Fowler with the Urban Resilience team is very familiar
00:09:48 --> 00:09:49:	with Tampa.
00:09:49 --> 00:09:53:	Actually just recently working for strategic property partners and now
00:09:53 --> 00:09:54:	is with ULI.
00:09:54 --> 00:09:55:	Resilience team in in DC,
00:09:55 --> 00:09:58:	and Leah Shepherd helped us get this grant and pulled
00:09:58 --> 00:10:01:	us in her office in DC a couple of a
00:10:01 --> 00:10:03:	year and a half ago or more now and said
00:10:03 --> 00:10:06:	she had an opportunity and we were lucky to lucky
00:10:06 --> 00:10:07:	to get it.
00:10:07 --> 00:10:10:	So thank you all very much.
00:10:10 --> 00:10:14:	Next slide. So you know a little bit about what
00:10:14 --> 00:10:16:	we've been doing.
00:10:16 --> 00:10:19:	Uhm, we actually did a local site visit with wit
00:10:19 --> 00:10:21:	and with Keith,
00:10:21 --> 00:10:24:	and he took us around to a lot of the
00:10:24 --> 00:10:25:	stormwater ponds,
00:10:25 --> 00:10:29:	especially in East Tampa, but also in South Tampa and
00:10:29 --> 00:10:31:	we got an on the ground.
00:10:31 --> 00:10:34:	Look at this and we also have like as I
00:10:35 --> 00:10:35:	mentioned,
00:10:35 --> 00:10:39:	we've spent the last three afternoons with all of these
00:10:39 --> 00:10:42:	panelists interviewing stakeholders at the city.
00:10:42 --> 00:10:43:	A lot of city staff,
00:10:43 --> 00:10:47:	city advocates and and and community advocates as well,
00:10:47 --> 00:10:50:	and we've also interacted a little bit with Adcom,
00:10:50 --> 00:10:54:	who is working with on your parks master plan and
00:10:54 --> 00:10:57:	we got some good insight from them as to what

00:10:57 --> 00:10:59:	they're working on,
00:10:59 --> 00:11:02:	what they're thinking about, and really just kind of understanding
00:11:02 --> 00:11:05:	what the future holds in that department.
00:11:05 --> 00:11:08:	And so here's some things that we heard with these
00:11:08 --> 00:11:12:	small group meetings with the City team and community.
00:11:12 --> 00:11:15:	Leaders we heard you know there is.
00:11:15 --> 00:11:18:	There are some great examples and we saw there are
00:11:18 --> 00:11:21:	some great examples of these stormwater pond conversions,
00:11:21 --> 00:11:25:	but there might be opportunities to to expand and and
00:11:25 --> 00:11:27:	and do more of these at scale.
00:11:27 --> 00:11:31:	We also heard that that budgets are constrained and it's
00:11:31 --> 00:11:34:	difficult for us to look beyond some of the immediate
00:11:34 --> 00:11:35:	requirements,
00:11:35 --> 00:11:40:	especially with related to climate change and sea level rise
00:11:40 --> 00:11:42:	and storm water flooding etc.
00:11:42 --> 00:11:45:	Improving community engagement is a current city focus and I
00:11:46 --> 00:11:49:	think you'll see through the presentation that that's a very
00:11:49 --> 00:11:52:	important thing to understand that that it's it's an area
00:11:52 --> 00:11:58:	of improvement. A potential area of improvement.
00:11:58 --> 00:12:01:	We also learned that some of the cross departmental projects
00:12:01 --> 00:12:03:	are more one off than the norm,
00:12:03 --> 00:12:06:	and so that's something that will be addressed a little
00:12:06 --> 00:12:07:	bit in the presentation.
00:12:07 --> 00:12:10:	And you know, there's a lot of stormwater ponds in
00:12:10 --> 00:12:13:	East Tampa and and and there's reasons for that,
00:12:13 --> 00:12:16:	and there might be some you know under investment in
00:12:16 --> 00:12:17:	the infrastructure in this area.
00:12:17 --> 00:12:20:	But there's also new ways of doing things,
00:12:20 --> 00:12:23:	and so there's challenges, and I think there's a lot
00:12:23 --> 00:12:24:	of opportunity as well,
00:12:24 --> 00:12:28:	and I'm looking forward looking forward to for the team
00:12:28 --> 00:12:28:	too.
00:12:28 --> 00:12:30:	Present more about that. Next slide,
00:12:30 --> 00:12:33:	please. So as I mentioned,
00:12:33 --> 00:12:35:	you know I was born and raised in Tampa.
00:12:35 --> 00:12:38:	I started my business in Tampa and you know,
00:12:38 --> 00:12:39:	back in 2006 through 2008,
00:12:39 --> 00:12:42:	nine you know the city was really in the midst
00:12:42 --> 00:12:45:	of making some changes and I think you know one
00:12:45 --> 00:12:48:	thing that we want to recognize is that we want

00:12:48 --> 00:12:51:	to build on the the good work that the city
00:12:51 --> 00:12:53:	has been doing these last decades here.
00:12:53 --> 00:12:55:	And there's some great plans there's.
00:12:55 --> 00:12:57:	There's a lot of good plans in place.
00:12:57 --> 00:13:00:	There's more plans that are in the works.
00:13:00 --> 00:13:02:	Like I mentioned, the parks master plan.
00:13:02 --> 00:13:05:	As well as the resilient Tampa Resilience Road map plan
00:13:05 --> 00:13:08:	that wits working on with the team and and you
00:13:08 --> 00:13:11:	know these they also the transition teams,
00:13:11 --> 00:13:15:	the city, the Mayor's transition advisory teams have made some
00:13:15 --> 00:13:18:	great recommendations and so one of the things that we
00:13:18 --> 00:13:21:	did here was that some of these recommendations and plans
00:13:21 --> 00:13:24:	are really ready to be coalesced around a common and
00:13:24 --> 00:13:28:	and and well communicated vision that all of the city
00:13:28 --> 00:13:31:	residents and staff can kind of rally behind.
00:13:31 --> 00:13:36:	Next slide, please. Uhm, consistent with the city sustainability and
00:13:36 --> 00:13:40:	resiliency goals to address and combat climate change.
00:13:40 --> 00:13:43:	We also feel there's a huge opportunity to reimagine what
00:13:43 --> 00:13:46:	some of these stormwater ponds can do for the city
00:13:46 --> 00:13:48:	and for the surrounding community.
00:13:48 --> 00:13:52:	After all, resiliency isn't just hard infrastructure to fight rising
00:13:52 --> 00:13:52:	seas.
00:13:52 --> 00:13:54:	It's also community resiliency and equity,
00:13:54 --> 00:13:57:	something that you lie feels very strongly.
00:13:57 --> 00:14:00:	That equity should be. We should lead with equity,
00:14:00 --> 00:14:03:	and it's also about community building and building.
00:14:03 --> 00:14:05:	The kind of city that.
00:14:05 --> 00:14:08:	We all want to live in so really what you're
00:14:08 --> 00:14:10:	going to hear today is is is 1 big idea,
00:14:10 --> 00:14:13:	but there's a lot of ideas and there's a lot
00:14:13 --> 00:14:16:	of work that's going to have to happen beyond.
00:14:16 --> 00:14:18:	But really we want to try to find these multi
00:14:18 --> 00:14:21:	benefit solutions to these stormwater ponds and green spaces that
00:14:22 --> 00:14:23:	may only currently serve one purpose,
00:14:23 --> 00:14:26:	and I think you'll find that this is going to
00:14:26 --> 00:14:28:	not only help the city,
00:14:28 --> 00:14:32:	but it's also going to help our citizens in our
00:14:32 --> 00:14:33:	community.
00:14:33 --> 00:14:35:	And and and as I mentioned,
00:14:35 --> 00:14:39:	you know we have some great examples within the city

00:14:39 --> 00:14:40:	of of these spaces,
00:14:40 --> 00:14:44:	and we really want to work on.
00:14:44 --> 00:14:46:	Finding these smart systems of prioritization,
00:14:46 --> 00:14:51:	prioritization, sorry and collaboration that will unlock the ability to
00:14:51 --> 00:14:53:	do these projects at scale.
00:14:53 --> 00:14:55:	And now handed off to Josiah.
00:14:58 --> 00:15:02:	Hi thanks uhm go ahead and move to the next
00:15:03 --> 00:15:03:	slide.
00:15:03 --> 00:15:10:	As Taylor mentioned, we met with several community leaders.
00:15:10 --> 00:15:13:	And you know you have good people that you can
00:15:13 --> 00:15:14:	be proud of.
00:15:14 --> 00:15:17:	Obviously in the city we also heard.
00:15:17 --> 00:15:20:	That there may be. There may be a bit of
00:15:20 --> 00:15:24:	a silo approach to dealing with some of these issues
00:15:25 --> 00:15:25:	and.
00:15:25 --> 00:15:30:	In our experience. We're dealing with constraints that we're all
00:15:30 --> 00:15:31:	aware of.
00:15:31 --> 00:15:35:	You know, budgets are smaller than they once were,
00:15:35 --> 00:15:37:	UM, we also have climate change,
00:15:37 --> 00:15:40:	and we have unpredictability with our infrastructure.
00:15:40 --> 00:15:44:	What that means is there's constraints for space and.
00:15:44 --> 00:15:48:	Really, cities everywhere are learning to collaborate and look at
00:15:48 --> 00:15:52:	multi benefit projects where infrastructure and other uses overlap.
00:15:52 --> 00:15:56:	This is an example of a project in this case
00:15:56 --> 00:15:59:	in California where we're looking at,
00:15:59 --> 00:16:02:	you know, land use and planning scale,
00:16:02 --> 00:16:07:	trying to understand what underutilized spaces there are and how
00:16:07 --> 00:16:11:	to integrate those with flood management and an open space.
00:16:14 --> 00:16:18:	Next slide, please. So we we did quite a bit
00:16:18 --> 00:16:23:	of work in this area working with the UN habitat
00:16:23 --> 00:16:28:	three process a few years ago that culminated in actually
00:16:28 --> 00:16:32:	writing a book with Columbia about water infrastructure and equitable
00:16:32 --> 00:16:34:	deployment of these resilient systems.
00:16:34 --> 00:16:38:	Looking at issues spanning from the developing world to the
00:16:38 --> 00:16:40:	modern infrastructure in cities,
00:16:40 --> 00:16:44:	a few really key elements of rose to the top.

00:16:44 --> 00:16:46:	The payback structure, of course.
00:16:46 --> 00:16:50:	At times it costs a little more upfront to get
00:16:50 --> 00:16:54:	those benefits on the on the downstream side looking at
00:16:54 --> 00:16:58:	different scenarios and how you know maybe 30 or 40%
00:16:58 --> 00:17:01:	financial gain on some of these projects over like 25
00:17:01 --> 00:17:05:	years and the benefits from there just keep going.
00:17:05 --> 00:17:08:	Also looking at how to really integrate this into city
00:17:08 --> 00:17:09:	process,
00:17:09 --> 00:17:12:	I will. I will say about the the cost framework
00:17:12 --> 00:17:16:	a lot of times even though there's an increase in
00:17:16 --> 00:17:17:	initial capital cost.
00:17:17 --> 00:17:20:	You see the benefit on the downside,
00:17:20 --> 00:17:21:	but also if you're stacking functions,
00:17:21 --> 00:17:24:	it's not landing in a single agency,
00:17:24 --> 00:17:27:	and so the actual cost for each agency getting the
00:17:27 --> 00:17:29:	thing that they're trying to accomplish goes down,
00:17:29 --> 00:17:33:	while the initial cost goes up and it's counter intuitive,
00:17:33 --> 00:17:36:	but that's what happens when you start to combine budgets
00:17:36 --> 00:17:39:	and look at using the same space for more than
00:17:39 --> 00:17:40:	one use next slide.
00:17:43 --> 00:17:46:	There is a chapter in that book that really zeroes
00:17:47 --> 00:17:47:	in,
00:17:47 --> 00:17:50:	I think, in a way that's most relevant here,
00:17:50 --> 00:17:53:	which is really looking at this multi scalar and jurisdictional
00:17:53 --> 00:17:54:	approach.
00:17:54 --> 00:17:57:	From a regional approach down to a watershed approach,
00:17:57 --> 00:18:01:	taking, say, the Riverwalk idea and really expanding the idea
00:18:01 --> 00:18:03:	of what a river is it,
00:18:03 --> 00:18:05:	which is the entire watershed,
00:18:05 --> 00:18:08:	the entire city is the river because it's flowing into
00:18:08 --> 00:18:12:	the river and it controls the water quality in the
00:18:12 --> 00:18:15:	flow and being able to connect the river laterally to
00:18:15 --> 00:18:18:	its historic tributaries, which often or where.
00:18:18 --> 00:18:20:	For example, these funds reside.
00:18:20 --> 00:18:22:	This is a project we worked on,
00:18:22 --> 00:18:24:	Brooklyn Brooklyn Bridge Park, actually.
00:18:24 --> 00:18:29:	Uhm, massive storm water infrastructure also amazing open space but
00:18:29 --> 00:18:34:	in in areas like this primarily providing infrastructure and habitat
00:18:34 --> 00:18:38:	but also all the benefits that come along and and
00:18:38 --> 00:18:41:	you could take that to microbiology approach.

00:18:41 --> 00:18:44:	It's been shown in study over studying.
00:18:44 --> 00:18:49:	Now that cities that have healthy ecology actually have microbial
00:18:49 --> 00:18:51:	benefits to human immune system.
00:18:51 --> 00:18:56:	So like the public health benefits of having healthy ecology.
00:18:56 --> 00:18:59:	Uhm, in these sort of marginal spaces goes way beyond
00:18:59 --> 00:19:01:	what we might think intuitively.
00:19:01 --> 00:19:03:	And then on the right side here.
00:19:03 --> 00:19:07:	Just looking at how some of these different interventions or
00:19:07 --> 00:19:10:	different typology in the urban fabric can be thought about
00:19:10 --> 00:19:12:	holistically and a planning sort of way.
00:19:12 --> 00:19:16:	So once again bringing that civil infrastructure in server and
00:19:16 --> 00:19:18:	design and planning next slide please.
00:19:20 --> 00:19:24:	A lafon park in New Orleans is an example where
00:19:24 --> 00:19:27:	we we did that and I think it's very relevant
00:19:27 --> 00:19:27:	here.
00:19:27 --> 00:19:32:	I mean, there's some familiar types of geometry and.
00:19:32 --> 00:19:35:	You know a big focus here is this hydrology hike,
00:19:35 --> 00:19:37:	where it's literally an educational component,
00:19:37 --> 00:19:41:	helping people understand why public spaces look the way they
00:19:41 --> 00:19:41:	look,
00:19:41 --> 00:19:44:	the importance of the infrastructure in those spaces,
00:19:44 --> 00:19:46:	how to interact with them experientially.
00:19:46 --> 00:19:49:	Very often these big flood events that are that are
00:19:49 --> 00:19:52:	threats to public safety are very rare.
00:19:52 --> 00:19:55:	Maybe once a decade. What happens the other 99%
00:19:55 --> 00:19:57:	of the time in those spaces,
00:19:57 --> 00:20:00:	and how are they assets to the culture and the
00:20:01 --> 00:20:01:	community?
00:20:01 --> 00:20:04:	And with that, I think I'll pass it on some
00:20:04 --> 00:20:07:	of my other partners are going to get into some
00:20:07 --> 00:20:08:	of these details,
00:20:08 --> 00:20:09:	thanks. OK,
00:20:09 --> 00:20:13:	thanks Josiah. So I'm going to talk a little bit
00:20:13 --> 00:20:16:	about how do you transform a vision into reality and
00:20:16 --> 00:20:19:	how do you move it to implementation and let's go
00:20:19 --> 00:20:23:	to the next slide. And you know,
00:20:23 --> 00:20:26:	sharing on the screen, some of the goals and priorities
00:20:26 --> 00:20:28:	from the T3 plan,
00:20:28 --> 00:20:31:	and it gets into some of the higher level goals
00:20:31 --> 00:20:33:	and objectives that have been outlined.
00:20:33 --> 00:20:36:	And it's really about equity and opportunities for all

	champions
00:20:36 --> 00:20:38:	and really building our neighborhoods.
00:20:38 --> 00:20:41:	And then you see this matrix of weird overlays with
00:20:41 --> 00:20:46:	some of the other priorities around transportation and workforce development.
00:20:46 --> 00:20:48:	And of course, I think the key is when you
00:20:49 --> 00:20:52:	start to look at sustainability and resilience.
00:20:52 --> 00:20:54:	It really is something that is a lens that brings
00:20:54 --> 00:20:56:	all of these elements actually together.
00:20:56 --> 00:20:58:	It's not 1 standalone item,
00:20:58 --> 00:21:01:	but it really finds all of those intersections between all
00:21:01 --> 00:21:01:	of them,
00:21:01 --> 00:21:03:	and that's the key. I mean,
00:21:03 --> 00:21:06:	every city is dealing with budgets and struggling to implement
00:21:06 --> 00:21:06:	projects,
00:21:06 --> 00:21:09:	and the key is how do you bring some of
00:21:09 --> 00:21:11:	these projects together and do it in a way that
00:21:11 --> 00:21:15:	you can actually leverage creator benefits and actually leverage greater
00:21:15 --> 00:21:18:	and broader budgets to help implement these projects.
00:21:18 --> 00:21:20:	So you know that aspect of the finding,
00:21:20 --> 00:21:22:	those intersections to bring things.
00:21:22 --> 00:21:25:	Together next slide. I'm going to talk a little bit
00:21:25 --> 00:21:29:	about a project that we've been working on and it
00:21:29 --> 00:21:32:	I'm going to share this because it offers a good
00:21:32 --> 00:21:35:	kind of framework and methodology that I think is adaptable
00:21:35 --> 00:21:38:	and it really gets that aspect of thinking about how
00:21:38 --> 00:21:41:	do we move to implementation and it's living with the
00:21:41 --> 00:21:44:	bank. This is in Nassau County in Long Island,
00:21:44 --> 00:21:47:	and this was one of the projects that emerged out
00:21:47 --> 00:21:48:	of the HUD rebuild by design,
00:21:48 --> 00:21:52:	competition and the competition was organized by Rockefeller Foundation.
00:21:52 --> 00:21:56:	And HUD reserved a billion dollars from the Superstorm Sandy
00:21:56 --> 00:21:59:	Recovery Fund to look and invest in some of these
00:21:59 --> 00:22:00:	projects.
00:22:00 --> 00:22:02:	And what the goal was was to look at long
00:22:02 --> 00:22:06:	term innovations and resilience so that not just building back
00:22:07 --> 00:22:09:	what was damaged during Superstorm Sandy,
00:22:09 --> 00:22:12:	but looking at long term innovations or resilience,
00:22:12 --> 00:22:16:	science based, and that could address future climate change,
00:22:16 --> 00:22:18:	impacts, and so in this program,

00:22:18 --> 00:22:22:	through the competition that the project was awarded a $125
00:22:22 --> 00:22:23:	million.
00:22:23 --> 00:22:25:	And it looked at some of the the coastal flood
00:22:25 --> 00:22:25:	protection.
00:22:25 --> 00:22:29:	It looked at some of the inland flooding that occurred
00:22:29 --> 00:22:31:	from storm water and then all the other elements and
00:22:32 --> 00:22:32:	next slide.
00:22:32 --> 00:22:35:	The key with all of it was it was a
00:22:35 --> 00:22:36:	broad,
00:22:36 --> 00:22:39:	comprehensive goal within a broader watershed of the whole county,
00:22:39 --> 00:22:41:	and we were hired by the state to help come
00:22:41 --> 00:22:43:	in work through the design,
00:22:43 --> 00:22:45:	work with the the original design team,
00:22:45 --> 00:22:48:	but work through all the engineering kind of get it
00:22:48 --> 00:22:49:	figured out.
00:22:49 --> 00:22:52:	Look at the budget, make sure it's on budget,
00:22:52 --> 00:22:55:	look at the scheduling. And as we got into this
00:22:55 --> 00:22:57:	and started working on it,
00:22:57 --> 00:22:59:	you can see here these are 36 of the project
00:22:59 --> 00:23:01:	profiles that came together.
00:23:01 --> 00:23:03:	It was almost $900 million.
00:23:03 --> 00:23:05:	So kind of a similar struggle that many cities are
00:23:05 --> 00:23:06:	having.
00:23:06 --> 00:23:08:	How do you balance all these budgets?
00:23:08 --> 00:23:11:	But when you when you broke it down to the
00:23:11 --> 00:23:12:	nuts and bolts,
00:23:12 --> 00:23:15:	it was a lot of these elements around improving some
00:23:15 --> 00:23:16:	of the parks,
00:23:16 --> 00:23:18:	including improving some of the flood protection.
00:23:18 --> 00:23:19:	Some of it was coastal surge,
00:23:19 --> 00:23:22:	some was stormwater flooding, but also looked at water quality
00:23:22 --> 00:23:25:	and elements like community benefits and social resilience.
00:23:25 --> 00:23:27:	So how we could link the community together,
00:23:27 --> 00:23:30:	improve social cohesion linked to some of the community centers.
00:23:30 --> 00:23:32:	So how do we move forward?
00:23:32 --> 00:23:34:	With this project that was over budget next slide.
00:23:37 --> 00:23:40:	We we stepped, we step back and through that rebuild
00:23:40 --> 00:23:42:	by design competition process,
00:23:42 --> 00:23:44:	there were several layers to it.
00:23:44 --> 00:23:48:	One was looking at HUD and their community development

	block
00:23:48 --> 00:23:51:	grant goals and really looking at that and and the
00:23:51 --> 00:23:51:	goal,
00:23:51 --> 00:23:53:	the overarching goal they're being.
00:23:53 --> 00:23:56:	How do we tie into really the community and social
00:23:56 --> 00:24:00:	vulnerability low and moderate income and then with that also
00:24:00 --> 00:24:03:	layering in some of the components from rebuild by design
00:24:03 --> 00:24:07:	and then the project goals from living with the Bay.
00:24:07 --> 00:24:10:	And we ultimately kind of coalesce these into five goals
00:24:10 --> 00:24:13:	that brought all these elements together that you see in
00:24:13 --> 00:24:16:	the middle that really looked at flood protection,
00:24:16 --> 00:24:18:	coastal and inland storm water,
00:24:18 --> 00:24:21:	but also looking at all these other elements about really
00:24:21 --> 00:24:23:	livability quality of life,
00:24:23 --> 00:24:27:	bringing the community together. Opportunities for education that we could
00:24:27 --> 00:24:29:	use that as then a lens that could be used
00:24:29 --> 00:24:31:	to evaluate all those projects.
00:24:31 --> 00:24:34:	Use it as an evaluation criteria to move it forward.
00:24:34 --> 00:24:40:	Next slide. And so we we broke this down.
00:24:40 --> 00:24:43:	And this was kind of this methodology that we actually
00:24:43 --> 00:24:46:	spent about six months working with a technical advisory committee
00:24:46 --> 00:24:48:	of different city and town,
00:24:48 --> 00:24:51:	staff and village staff of all the cities and towns
00:24:51 --> 00:24:53:	and villages within that watershed.
00:24:53 --> 00:24:55:	And you're kind of looking at it.
00:24:55 --> 00:24:57:	You know the costs, the benefits,
00:24:57 --> 00:24:58:	the risks, the vulnerabilities, all those.
00:24:58 --> 00:25:01:	But what were some of the synergies that we could
00:25:01 --> 00:25:04:	start to align multi benefit projects to get the best
00:25:04 --> 00:25:05:	bang for our buck?
00:25:05 --> 00:25:08:	And you can see on the right and the far
00:25:08 --> 00:25:11:	right column is that maximum score you're looking at costs
00:25:11 --> 00:25:14:	and benefits and social resilience that was sort of this
00:25:14 --> 00:25:16:	lever that we worked with the community,
00:25:16 --> 00:25:19:	moving them up and down and adjusting to see what
00:25:19 --> 00:25:19:	meat.
00:25:19 --> 00:25:22:	What worked best. It wasn't just driven by flood risk
00:25:22 --> 00:25:23:	reduction.
00:25:23 --> 00:25:26:	But it was all the other elements so that we
00:25:26 --> 00:25:29:	could then look and evaluate all these projects and see

00:25:29 --> 00:25:32:	how well they fit and where could we get the
00:25:32 --> 00:25:35:	best benefit from them in terms of building community resilience
00:25:35 --> 00:25:38:	for this region within the watershed in Long Island next.
00:25:41 --> 00:25:44:	So as we worked through it,
00:25:44 --> 00:25:46:	we we kind of came through.
00:25:46 --> 00:25:48:	We scored all the projects,
00:25:48 --> 00:25:51:	gave them their ranking to then see where it was
00:25:51 --> 00:25:52:	it was.
00:25:52 --> 00:25:54:	It was all very quantitative.
00:25:54 --> 00:25:57:	We wanted this to be defensible because in reality everyone
00:25:57 --> 00:26:01:	was looking for where they could get investments made in
00:26:01 --> 00:26:04:	their community and we wanted to demonstrate where was it
00:26:04 --> 00:26:08:	most demonstrating the best in terms of damage reduction costs.
00:26:08 --> 00:26:10:	What were some of the best opportunities?
00:26:10 --> 00:26:13:	Also have. Ecological benefits from ecosystem services.
00:26:13 --> 00:26:16:	You know, one of the big pieces was within this
00:26:16 --> 00:26:17:	Mill River Greenway,
00:26:17 --> 00:26:20:	which was kind of the heart of this whole watershed
00:26:20 --> 00:26:21:	was.
00:26:21 --> 00:26:24:	There was a lot of erosion and scouring along the
00:26:24 --> 00:26:27:	river edge so you know one of the elements was
00:26:27 --> 00:26:28:	a living shoreline.
00:26:28 --> 00:26:31:	Other aspects of trying to improve water quality along that
00:26:31 --> 00:26:31:	Greenway.
00:26:31 --> 00:26:34:	Where could we expand it?
00:26:34 --> 00:26:35:	Expand some of the parks,
00:26:35 --> 00:26:38:	make better linkages on some of the streets to the
00:26:38 --> 00:26:41:	neighborhoods linked to some of those community centers,
00:26:41 --> 00:26:44:	like a high school, a couple of senior living facilities,
00:26:44 --> 00:26:46:	some affordable housing facilities that we could make.
00:26:46 --> 00:26:50:	Some of these linkages to best tie the community together
00:26:50 --> 00:26:53:	so this was a very kind of almost science based
00:26:53 --> 00:26:55:	approach to quantifying and next slide.
00:26:55 --> 00:26:59:	We didn't stop there. We once we had that initial
00:26:59 --> 00:26:59:	rating.
00:26:59 --> 00:27:01:	We continued working with the community.
00:27:01 --> 00:27:04:	Said alright. This looks pretty good,
00:27:04 --> 00:27:07:	but you know, are we doing as well as we
00:27:07 --> 00:27:08:	can.
00:27:08 --> 00:27:11:	We continued working with the technical advisory committees who said,

00:27:11 --> 00:27:13:	you know, where can we get even greater leverage?
00:27:13 --> 00:27:16:	We've got this $125 million investment from HUD,
00:27:16 --> 00:27:18:	but where can we tap into other greater funds with
00:27:18 --> 00:27:21:	investments that are being made within the communities?
00:27:21 --> 00:27:24:	But then also, where can we make investments that can
00:27:24 --> 00:27:25:	actually have a greater,
00:27:25 --> 00:27:27:	more equitable impact on the Community?
00:27:27 --> 00:27:30:	And so you can see some of these projects came
00:27:30 --> 00:27:31:	forward.
00:27:31 --> 00:27:33:	You see right there about the 4th project down.
00:27:33 --> 00:27:36:	Cooper Square that had a high rating.
00:27:36 --> 00:27:38:	It dropped out. It really had no social benefit,
00:27:38 --> 00:27:40:	so we actually pushed that off.
00:27:40 --> 00:27:43:	All of the projects move forward in the broader resilient
00:27:43 --> 00:27:44:	strategy,
00:27:44 --> 00:27:47:	but we then align what were the projects that would
00:27:47 --> 00:27:49:	fit within the budget and next slide.
00:27:52 --> 00:27:54:	So living with the Bay was adopted,
00:27:54 --> 00:27:56:	went into full design about a year and a half
00:27:56 --> 00:28:00:	ago and it's just started construction finished all the permitting.
00:28:00 --> 00:28:02:	Last year I wanted to shift just in wrapping up
00:28:02 --> 00:28:05:	and and reflect on some work we've been doing in
00:28:05 --> 00:28:08:	Detroit because we've been working there for many years and
00:28:08 --> 00:28:11:	there's a lot of success is already seeing that I
00:28:11 --> 00:28:11:	think,
00:28:11 --> 00:28:14:	are the outcomes that we want to see and it
00:28:14 --> 00:28:17:	really looks at that vision and broad based resilience and
00:28:17 --> 00:28:18:	multi benefit solutions.
00:28:18 --> 00:28:21:	But I think a key piece and you see it
00:28:21 --> 00:28:22:	on the top.
00:28:22 --> 00:28:24:	Right is the partnerships. The interdepartmental coordination,
00:28:24 --> 00:28:28:	as well as working with other NGO's universities,
00:28:28 --> 00:28:31:	community groups, really to drive this and into Detroit,
00:28:31 --> 00:28:35:	you're working with the city that was going through their
00:28:35 --> 00:28:35:	bankruptcy.
00:28:35 --> 00:28:38:	We really work with the community,
00:28:38 --> 00:28:41:	where initially a lot of the funding came to Detroit
00:28:41 --> 00:28:45:	Water and Sewer department and that was really around rate
00:28:45 --> 00:28:46:	paying,
00:28:46 --> 00:28:50:	associated with meeting their permits for their from their consent

00:28:50 --> 00:28:52:	decree for their Ms 4.
00:28:52 --> 00:28:55:	Permit. And so we started looking at some of those
00:28:55 --> 00:28:59:	investments in green infrastructure and aligning with the land bank
00:28:59 --> 00:29:02:	where it being Detroit there is vacancy.
00:29:02 --> 00:29:05:	We took vacant lots. We started doing single lot green
00:29:05 --> 00:29:08:	infrastructure projects that you see on the left.
00:29:08 --> 00:29:11:	We had successes there. We moved on,
00:29:11 --> 00:29:13:	started working with the Parks Department,
00:29:13 --> 00:29:15:	integrating green infrastructure in the Parks Department.
00:29:15 --> 00:29:19:	We then started working with the Transportation Department working in
00:29:19 --> 00:29:20:	some of their boulevards.
00:29:20 --> 00:29:24:	Finally actually aggregating some bigger regional projects where we're daylighting
00:29:24 --> 00:29:24:	streams.
00:29:24 --> 00:29:27:	In some of these abandoned neighborhoods on the West side
00:29:27 --> 00:29:31:	or at northwest side of Detroit to actually create new
00:29:31 --> 00:29:33:	greenways and new Park systems.
00:29:33 --> 00:29:36:	But it really demonstrates this integration of what started as
00:29:36 --> 00:29:39:	just an initiative with DW SD really started bringing the
00:29:39 --> 00:29:42:	land bank parks housing sustainability public works,
00:29:42 --> 00:29:45:	all the different departments to help kind of guide moving
00:29:45 --> 00:29:49:	forward with all these implementation pieces that fulfill this greater,
00:29:49 --> 00:29:53:	bigger vision. So with that I'm going to turn it
00:29:53 --> 00:29:54:	over to happy and.
00:29:54 --> 00:29:57:	She's gonna expand on some of the discussion on partnerships
00:29:57 --> 00:29:58:	and collaboration.
00:29:58 --> 00:29:59:	Happy.
00:30:00 --> 00:30:04:	Thank you Jason. Uhm, I I didn't mention in my
00:30:04 --> 00:30:09:	introduction that I've been involved in community engagement in one
00:30:09 --> 00:30:12:	way or the other of my entire career,
00:30:12 --> 00:30:15:	or whether, as an elected official,
00:30:15 --> 00:30:19:	as a Community engagement officer or in my private work
00:30:19 --> 00:30:20:	as a facilitator.
00:30:20 --> 00:30:23:	And so I've had a chance to reflect a lot
00:30:23 --> 00:30:27:	on community engagement and why we do it.
00:30:27 --> 00:30:31:	And, you know, we're thinking about the projects like the
00:30:31 --> 00:30:32:	ones you've just seen,

00:30:32 --> 00:30:38:	so why? It helps to improve the design throughout the
00:30:38 --> 00:30:38:	process.
00:30:38 --> 00:30:44:	It helps to address resource constraints like maybe you need
00:30:44 --> 00:30:45:	to acquire land.
00:30:45 --> 00:30:49:	It builds support for the project itself and it can
00:30:49 --> 00:30:55:	support a building building support for future projects because you're
00:30:55 --> 00:31:01:	building trust in the community and establishing long lasting relationships,
00:31:01 --> 00:31:06:	and it can also lead to more equitable outcomes.
00:31:06 --> 00:31:08:	In our cities. And so,
00:31:08 --> 00:31:11:	uh, you know, big projects,
00:31:11 --> 00:31:16:	like the ones that we're talking about that are complex.
00:31:16 --> 00:31:20:	Big impacts on the community and there are going to
00:31:20 --> 00:31:21:	be affected,
00:31:21 --> 00:31:25:	and so I use that phrase or switched it around
00:31:25 --> 00:31:26:	a little.
00:31:26 --> 00:31:29:	You can pay attention to me now,
00:31:29 --> 00:31:33:	or you can pay more attention to me later when
00:31:33 --> 00:31:37:	when I haven't been involved and I'm suffering from what
00:31:37 --> 00:31:39:	I think are the impacts.
00:31:39 --> 00:31:43:	So better to have a strong community engagement plan from
00:31:43 --> 00:31:45:	the very beginning.
00:31:45 --> 00:31:47:	Now, community engagement has runs a spectrum.
00:31:47 --> 00:31:53:	From the informing people, which is important and letting them
00:31:53 --> 00:31:53:	know,
00:31:53 --> 00:31:56:	providing information, what's going on,
00:31:56 --> 00:32:02:	giving them technical information, getting their consent for moving forward
00:32:02 --> 00:32:06:	or what the plan involves involving them in the project
00:32:06 --> 00:32:07:	itself,
00:32:07 --> 00:32:12:	collaborating with them, which means really treating them as partners
00:32:13 --> 00:32:16:	and bringing their own expertise to the table.
00:32:16 --> 00:32:21:	And finally. Empowering them, and that actually means sharing decisions
00:32:21 --> 00:32:22:	with the community.
00:32:22 --> 00:32:26:	So I've outlined here on the screen just some some
00:32:26 --> 00:32:32:	common steps towards with a very intentional community engagement plan
00:32:32 --> 00:32:35:	that is implemented early in a project,
00:32:35 --> 00:32:38:	and it involves going out into the community,

00:32:38 --> 00:32:42:	coming back into the staff and into the project,
00:32:42 --> 00:32:46:	team, refining, going back out to the community,
00:32:46 --> 00:32:51:	coming back. Reflecting what we've heard from the community and
00:32:51 --> 00:32:56:	going back out and showing them how it's reflected in
00:32:56 --> 00:32:58:	the next part of the proposal.
00:32:58 --> 00:33:01:	This, this engagement takes many forms.
00:33:01 --> 00:33:05:	Sometimes a town hall style public meeting open houses where
00:33:05 --> 00:33:09:	community residents get a chance one on one to talk
00:33:09 --> 00:33:10:	to staff.
00:33:10 --> 00:33:14:	A very effective method surveys broad community surveys to get
00:33:14 --> 00:33:18:	their input and and think about their preferences.
00:33:18 --> 00:33:20:	Then their worries, focus groups,
00:33:20 --> 00:33:23:	and finally something that I've really come to treasure.
00:33:23 --> 00:33:27:	A lot of very formal part of community engagement which
00:33:27 --> 00:33:31:	is forming stakeholder groups that are involved in the project
00:33:31 --> 00:33:35:	from beginning to end and really begin through the course
00:33:35 --> 00:33:39:	of the project to develop their own become subject matter
00:33:39 --> 00:33:42:	experts about about the project and more importantly,
00:33:42 --> 00:33:46:	about their community. You'll notice at the end I put
00:33:46 --> 00:33:46:	celebrate.
00:33:46 --> 00:33:49:	It's something that we tend to forget.
00:33:49 --> 00:33:52:	With many of our projects we we we like to
00:33:52 --> 00:33:55:	get things done and then move on to the next
00:33:55 --> 00:33:57:	thing and it's important,
00:33:57 --> 00:34:01:	particularly in the community to celebrate success and to have
00:34:01 --> 00:34:04:	at the end of the day a long list of
00:34:04 --> 00:34:07:	thank yous which include many of the residents of the
00:34:07 --> 00:34:10:	community. I talked about structures for community engagement.
00:34:10 --> 00:34:13:	If you go to the next slide.
00:34:13 --> 00:34:17:	Another thing that we tend to do is,
00:34:17 --> 00:34:21:	I think there's another slide in between there.
00:34:21 --> 00:34:27:	A loop. Alright, well we're missing that slide,
00:34:27 --> 00:34:31:	but I'll talk about it anyway and that is,
00:34:31 --> 00:34:35:	uhm. We tend to forget about the staff.
00:34:35 --> 00:34:38:	Staff is a part of the community too,
00:34:39 --> 00:34:42:	and it's important to have an intentional structure.
00:34:42 --> 00:34:46:	You've seen these big projects that have been talked about
00:34:46 --> 00:34:47:	earlier today.

00:34:47 --> 00:34:50:	Big projects require big teams and a big response.
00:34:50 --> 00:34:55:	Complex teams all hands on deck ones that are integrate
00:34:55 --> 00:34:59:	all of the disciplines in the city and all of
00:34:59 --> 00:35:01:	the agencies who are at the table.
00:35:01 --> 00:35:05:	And, UM. It's very important to have all of them
00:35:05 --> 00:35:10:	there and then to have shared goals amongst those team
00:35:10 --> 00:35:10:	members.
00:35:10 --> 00:35:15:	Shared metrics like the ones you saw Jason just share
00:35:15 --> 00:35:20:	and the result of that very intentional structure amongst the
00:35:20 --> 00:35:22:	an all hands on deck staff team.
00:35:22 --> 00:35:24:	If you will, is it.
00:35:24 --> 00:35:29:	You began to change the culture in Denver through the
00:35:29 --> 00:35:33:	projects that you'll see a little bit in a moment.
00:35:33 --> 00:35:36:	We have begun to adopt this culture of,
00:35:36 --> 00:35:40:	you know, ideas are you know we go big or
00:35:40 --> 00:35:43:	go home and and that is we don't shy away
00:35:43 --> 00:35:48:	from big complex tough projects because we know that together
00:35:48 --> 00:35:51:	we can do more and we can do better and
00:35:51 --> 00:35:55:	so we see our fellow agency members as partners in
00:35:55 --> 00:35:58:	almost every project that we undertake.
00:35:58 --> 00:36:00:	So I'll give you an example.
00:36:00 --> 00:36:03:	If you go to the the next slide.
00:36:07 --> 00:36:10:	So when I first came to Parks and Recreation,
00:36:10 --> 00:36:14:	I was not. I didn't know anything about storm management.
00:36:14 --> 00:36:18:	I didn't know anything about green infrastructure and my first
00:36:18 --> 00:36:19:	week on the job,
00:36:19 --> 00:36:23:	some people from storm management came to me and said
00:36:23 --> 00:36:27:	they wanted to tear up one of my golf courses
00:36:27 --> 00:36:30:	for detention and I was nearly apoplectic.
00:36:30 --> 00:36:33:	I realized. However, because I listened and this was a
00:36:33 --> 00:36:35:	transformational moment for me.
00:36:35 --> 00:36:40:	About big ideas and integrated processes and working together collaboratively
00:36:40 --> 00:36:42:	and looking at the multiple benefits.
00:36:42 --> 00:36:46:	And you see, you've heard that word several times throughout
00:36:46 --> 00:36:51:	the presentation that these large projects also mean multiple benefits,
00:36:51 --> 00:36:55:	both to the Staffs to the agencies and into the
00:36:55 --> 00:36:56:	community.
00:36:56 --> 00:36:58:	This was a storm management.
00:36:58 --> 00:37:02:	It was a problem that came out of two years

00:37:02 --> 00:37:05:	of very severe flooding and heavy damage.
00:37:05 --> 00:37:09:	In communities in our largest basin it is.
00:37:09 --> 00:37:11:	It's huge as you can see,
00:37:11 --> 00:37:14:	it takes up a good part of the part of
00:37:14 --> 00:37:17:	the city working together.
00:37:17 --> 00:37:21:	We created a multi benefit project called Platte to Park
00:37:21 --> 00:37:24:	Hill and it involved multiple projects and we set goals
00:37:24 --> 00:37:27:	collaboratively as a team with parks.
00:37:27 --> 00:37:31:	The public works with the storm management people at the
00:37:31 --> 00:37:32:	at the table.
00:37:32 --> 00:37:35:	If you will go to the next slide.
00:37:41 --> 00:37:45:	The first thing we did was create collaborative program goals
00:37:45 --> 00:37:46:	for the entire project,
00:37:46 --> 00:37:50:	and this was important to me because I was one
00:37:50 --> 00:37:53:	of those people who came to the table with a.
00:37:53 --> 00:37:56:	You know, I've got to be there or or I'll
00:37:56 --> 00:38:00:	be on the menu and instead I really have transformed
00:38:00 --> 00:38:02:	my thinking into that.
00:38:02 --> 00:38:05:	You know, come together more and together is better and
00:38:05 --> 00:38:07:	so together we created a program,
00:38:07 --> 00:38:09:	goals that we could all.
00:38:09 --> 00:38:12:	Not only lived with, but enthusiastically supported,
00:38:12 --> 00:38:15:	and we knew that it would bring good benefits to
00:38:15 --> 00:38:19:	the projects and to our agency into the community.
00:38:19 --> 00:38:23:	Next slide. So this was one of those kinds of
00:38:23 --> 00:38:28:	projects where we started with the big idea within the
00:38:28 --> 00:38:33:	City team and needed to go to the community because
00:38:33 --> 00:38:36:	we knew we needed to hear from them.
00:38:36 --> 00:38:39:	And so we put together a very elaborate and very
00:38:39 --> 00:38:45:	intentional community outreach plan that involved over 250 meetings over
00:38:45 --> 00:38:47:	the course of a year and a half while we
00:38:47 --> 00:38:51:	were designing this project using all of the strategies that
00:38:51 --> 00:38:52:	I'm.
00:38:52 --> 00:38:56:	I mentioned before and with a design working group that
00:38:56 --> 00:38:59:	you see on the left hand side on the bottom
00:38:59 --> 00:39:02:	and on the right hand side at the bottom.
00:39:02 --> 00:39:05:	This team was there through thick and thin and at
00:39:05 --> 00:39:08:	the end of the day at the end of this
00:39:08 --> 00:39:12:	project they they deserve as much credit for the success
00:39:12 --> 00:39:16:	we had as anyone in really brought their their ideas
00:39:16 --> 00:39:18:	and helped to sell the idea.

00:39:18 --> 00:39:21:	This is a project that involved a lot of acquisition
00:39:21 --> 00:39:22:	of properties,
00:39:22 --> 00:39:26:	eminent domain. Uhm, tearing up streets and along construction process
00:39:26 --> 00:39:29:	and these folks helped us get the job done so
00:39:29 --> 00:39:32:	it really became a multiple success.
00:39:32 --> 00:39:34:	If you look at the next slide.
00:39:41 --> 00:39:44:	Well, that was that was the.
00:39:44 --> 00:39:47:	That was the one I already went over about the
00:39:47 --> 00:39:52:	internal team and the and the reasons why everybody needs
00:39:52 --> 00:39:53:	to be at the table.
00:39:53 --> 00:39:56:	But let me dwell on this for a moment.
00:39:56 --> 00:39:59:	This slide shows our bond our bond project.
00:39:59 --> 00:40:02:	We did an almost a $938 million bond.
00:40:02 --> 00:40:06:	This was a project that started in the community.
00:40:06 --> 00:40:09:	It was community driven and we went out into the
00:40:09 --> 00:40:10:	community,
00:40:10 --> 00:40:14:	got their ideas about what the improvements they needed to
00:40:14 --> 00:40:15:	see in their neighborhoods.
00:40:15 --> 00:40:19:	Uhm, we formed some of those formal community structures in
00:40:19 --> 00:40:23:	the form of stakeholder groups and overall community executive team.
00:40:23 --> 00:40:26:	And then we organize ourselves in the city.
00:40:26 --> 00:40:29:	How? How do we get this project done?
00:40:29 --> 00:40:32:	So in every agency there was a project team.
00:40:32 --> 00:40:35:	We had a project management organization,
00:40:35 --> 00:40:38:	so integrated approach meant that not only our agency project
00:40:39 --> 00:40:42:	managers but our consultants were integral parts of the team
00:40:42 --> 00:40:45:	and when you walked into a meeting you didn't,
00:40:45 --> 00:40:48:	you couldn't tell the difference between.
00:40:48 --> 00:40:53:	The city staff and the program management team are our
00:40:53 --> 00:40:57:	consultants who were at the table we.
00:40:57 --> 00:41:03:	We also had a a project management team that looked
00:41:03 --> 00:41:06:	at the entire city and this.
00:41:06 --> 00:41:10:	This involved representatives from every agency.
00:41:10 --> 00:41:14:	So at every step of the process there were agency
00:41:14 --> 00:41:18:	representatives throughout whether it was.
00:41:18 --> 00:41:21:	A parks project or a library project.
00:41:21 --> 00:41:25:	We were all there and finally each executive of an
00:41:25 --> 00:41:29:	apartment served on the executive management team to make big

00:41:29 --> 00:41:33:	decisions about changes in in the budget and so on.
00:41:33 --> 00:41:35:	But even our role was limited.
00:41:35 --> 00:41:39:	The work was done. If you look at this map
00:41:39 --> 00:41:39:	here,
00:41:39 --> 00:41:43:	most of the work was done in those first two
00:41:43 --> 00:41:43:	steps,
00:41:43 --> 00:41:46:	as it as it should be.
00:41:49 --> 00:41:54:	So I'll conclude with this slide we borrowed from Cedar
00:41:54 --> 00:41:58:	Rapids and a process that you can see was intentionally
00:41:58 --> 00:42:00:	orchestrated in phases,
00:42:00 --> 00:42:04:	different different input from people throughout the project,
00:42:04 --> 00:42:09:	but I want to point out one really important one
00:42:09 --> 00:42:14:	at the bottom left where it says trained city employees
00:42:14 --> 00:42:18:	facilitated the conversation and none of us.
00:42:18 --> 00:42:22:	Are born innately with the skills to do community engagement.
00:42:22 --> 00:42:25:	It's a learned skill and most of us are in
00:42:25 --> 00:42:26:	agencies.
00:42:26 --> 00:42:29:	We just want to get our projects done and in
00:42:29 --> 00:42:31:	integrating community engagement.
00:42:31 --> 00:42:35:	And that is a scary prospect for us sometimes.
00:42:35 --> 00:42:39:	So part of that community engagement plan and being intentional
00:42:39 --> 00:42:43:	from the beginning is ensuring that we're preparing all of
00:42:43 --> 00:42:44:	our employees.
00:42:44 --> 00:42:46:	All of our project managers,
00:42:46 --> 00:42:48:	community engagement doesn't get shifted,
00:42:48 --> 00:42:52:	and. Handed off to a community engagement team to go
00:42:52 --> 00:42:56:	do it because people in the community I want to
00:42:56 --> 00:43:00:	hear from the experts and the people who are actually
00:43:00 --> 00:43:04:	managing the projects. So it's important to help provide guidance
00:43:04 --> 00:43:07:	and training for them about what community engagement means.
00:43:07 --> 00:43:09:	And I will tell you,
00:43:09 --> 00:43:12:	in both of the projects that I mentioned,
00:43:12 --> 00:43:16:	our bond project and our store management project at the
00:43:16 --> 00:43:18:	end of those projects,
00:43:18 --> 00:43:21:	our project team were absolute community engagement converts.
00:43:21 --> 00:43:25:	They they actually relish. The community engagement and we really
00:43:25 --> 00:43:28:	have a new culture in our city as a result

00:43:28 --> 00:43:29:	of that,
00:43:29 --> 00:43:33:	where people look forward to hearing from the Community and
00:43:33 --> 00:43:36:	the idea of if you think of that spectrum that
00:43:36 --> 00:43:37:	I mentioned,
00:43:37 --> 00:43:40:	we're at the end of it is empowerment that they
00:43:40 --> 00:43:43:	look forward to empowering the Community.
00:43:43 --> 00:43:46:	So our next big Storm management project in Denver starts
00:43:46 --> 00:43:50:	with the community instead of the team deciding what the
00:43:50 --> 00:43:51:	program goals will be,
00:43:51 --> 00:43:54:	they've gone out to the community and said.
00:43:54 --> 00:43:58:	We have flooding problems. What would you like to see
00:43:58 --> 00:44:01:	and stay tuned for how that next project comes about?
00:44:01 --> 00:44:03:	I'd like now to turn it over to Chris Ahearn
00:44:03 --> 00:44:07:	who's going to talk a little bit more about partnerships
00:44:07 --> 00:44:08:	and community resilience.
00:44:09 --> 00:44:12:	Thank you very much, happy and I wanted to quickly
00:44:12 --> 00:44:15:	point out and try to keep us on schedule.
00:44:15 --> 00:44:18:	That are I am the Co chair of the ULI
00:44:18 --> 00:44:20:	Tampa Bay resiliency.
00:44:20 --> 00:44:22:	So I'm a resident of Tampa,
00:44:22 --> 00:44:25:	also a member of ULI and that I recently joined
00:44:25 --> 00:44:27:	the GHD in the maritime coastal practice.
00:44:27 --> 00:44:31:	Focused on sea level rise response on a programmatic level
00:44:31 --> 00:44:33:	in states Gulf Coast specifically.
00:44:33 --> 00:44:37:	Next slide. I really what I what mine is going
00:44:37 --> 00:44:42:	to be focused on is is partnerships private sector to
00:44:42 --> 00:44:45:	achieve stormwater management?
00:44:45 --> 00:44:49:	It's funny a lot of us were talking about stormwater
00:44:49 --> 00:44:52:	management and everybody started visualizing pipes,
00:44:52 --> 00:44:54:	invert controls, flow control structures,
00:44:54 --> 00:44:59:	baffle boxes. But what we're talking more is about something
00:44:59 --> 00:44:59:	to eat.
00:44:59 --> 00:45:03:	If it's green infrastructure to promote absorption's that actually Co
00:45:03 --> 00:45:05:	benefit the community,
00:45:05 --> 00:45:07:	it's not strictly. Just pipes,
00:45:07 --> 00:45:11:	it is actually finding ways to improve quality of life,
00:45:11 --> 00:45:18:	potentially for people. Finding ways to collaborate with our community.
00:45:18 --> 00:45:23:	We wanna specifically the third bullet down here we wanted.
00:45:23 --> 00:45:26:	Point out that that green infrastructure can be on private
00:45:26 --> 00:45:29:	property and benefit the public realm,

00:45:29 --> 00:45:32:	so we believe that City Tampa has those opportunities to
00:45:33 --> 00:45:34:	partner with property owners,
00:45:34 --> 00:45:36:	developers and stakeholders. Property owners,
00:45:36 --> 00:45:40:	obviously on their own property on their own assets.
00:45:40 --> 00:45:45:	Developers in future planning that they're doing and stakeholders in
00:45:45 --> 00:45:47:	the fact that they potentially could.
00:45:47 --> 00:45:51:	On city assets, they could take a partnership role where
00:45:51 --> 00:45:56:	they take responsibility for those maintaining those type of assets
00:45:56 --> 00:45:58:	in the future.
00:45:58 --> 00:46:01:	One specific Tampa opportunity is a very controversial project,
00:46:01 --> 00:46:05:	we know, but it is potentially linking these two existing
00:46:05 --> 00:46:10:	ponds on South Manhattan to potential future development that wanted
00:46:10 --> 00:46:12:	the amenity that is waterfront.
00:46:12 --> 00:46:15:	Next slide. I wanted to point out that by and
00:46:16 --> 00:46:19:	start thinking about this and with the city Tampa is
00:46:20 --> 00:46:25:	buyouts are actually assets that are potentially could be leveraged
00:46:25 --> 00:46:27:	to be a open space and potentially link a lot
00:46:27 --> 00:46:29:	of these facilities together.
00:46:29 --> 00:46:32:	So you had a house looks a lot like South
00:46:32 --> 00:46:36:	Concordia Ave and now it is a vacant land view.
00:46:36 --> 00:46:39:	Did a tactical investment in nature based infrastructure.
00:46:39 --> 00:46:42:	You could start linking these projects together to make them
00:46:42 --> 00:46:45:	public assets and open space so please.
00:46:45 --> 00:46:49:	I'd like to introduce Beguin who you've heard from earlier.
00:46:49 --> 00:46:49:	Perfect
00:46:49 --> 00:46:52:	thank you Chris and I'm going to talk a little
00:46:52 --> 00:46:56:	bit more about partnership opportunities and and public engagement.
00:46:56 --> 00:47:00:	So one of the things after talking to both some
00:47:00 --> 00:47:03:	of your staff and also some of the citizens who
00:47:03 --> 00:47:06:	are actively engaged in Community projects,
00:47:06 --> 00:47:09:	we came up with a bunch of ideas,
00:47:09 --> 00:47:12:	many of which we've already heard that will help take
00:47:12 --> 00:47:14:	to scale relatively quickly.
00:47:14 --> 00:47:17:	The fact that Tampa has a large number of of
00:47:17 --> 00:47:19:	these small stormwater ponds.
00:47:19 --> 00:47:22:	That are hopefully serving some important purpose,
00:47:22 --> 00:47:26:	but could perhaps serve more overlapping purposes for the

	city
00:47:26 --> 00:47:29:	and one of the ideas that we had was using
00:47:29 --> 00:47:33:	a tool that was developed by Tony Nelson that provides
00:47:33 --> 00:47:35:	kind of an image based framework.
00:47:35 --> 00:47:38:	You start with maybe a picture of what the pond
00:47:38 --> 00:47:41:	or the site currently looks at,
00:47:41 --> 00:47:44:	and then you strip away some undesirable elements,
00:47:44 --> 00:47:47:	perhaps, and perhaps and then add in some landscaping or
00:47:47 --> 00:47:49:	some of the fencing options.
00:47:49 --> 00:47:51:	Or some of the, UM,
00:47:51 --> 00:47:56:	amenity options? And really kind of give people that language
00:47:56 --> 00:48:00:	for how they might like to see this little little
00:48:00 --> 00:48:04:	spot of green turn into greater asset for the community.
00:48:04 --> 00:48:08:	Do they want something like a trail there or or
00:48:08 --> 00:48:09:	a community garden?
00:48:09 --> 00:48:13:	And then we really are encouraged by some of the
00:48:13 --> 00:48:17:	great examples of Tampa already has and is working on
00:48:18 --> 00:48:21:	as they put together some of their new plans to
00:48:21 --> 00:48:25:	try to look at. Not just doing a standalone project,
00:48:25 --> 00:48:29:	but saying hey, how can we tie this into adjacent
00:48:29 --> 00:48:30:	sites?
00:48:30 --> 00:48:33:	How can we make sure that we are capitalizing not
00:48:33 --> 00:48:37:	just on the stormwater needs but on the needs for
00:48:37 --> 00:48:38:	recreation?
00:48:38 --> 00:48:42:	My organization? Can you go back just quickly?
00:48:42 --> 00:48:45:	My organization, the Trust for Public Land,
00:48:45 --> 00:48:48:	has mapped the parks and 14,000 cities and towns across
00:48:48 --> 00:48:51:	America and as one of America's largest cities,
00:48:51 --> 00:48:54:	Tampa is ranked in parks score as well.
00:48:54 --> 00:48:57:	So you can find that on our website will include
00:48:57 --> 00:48:59:	it in the final report.
00:48:59 --> 00:49:02:	But Tampa is ranked number 56 out of the 100
00:49:02 --> 00:49:03:	largest cities,
00:49:03 --> 00:49:08:	and yet there's so much opportunity for outdoor enjoyment and
00:49:08 --> 00:49:10:	enjoyment of the beautiful.
00:49:10 --> 00:49:13:	Environment that we do have in your great city,
00:49:13 --> 00:49:16:	so looking for where those parks are needed most on
00:49:16 --> 00:49:18:	the basis of objective data.
00:49:18 --> 00:49:21:	One of the things that is great about Tampa is
00:49:21 --> 00:49:22:	that the part needs.
00:49:22 --> 00:49:24:	Don't stand out as being inequitable.

00:49:24 --> 00:49:28:	They're really kind of spread across across neighborhoods that are
00:49:28 --> 00:49:31:	rich and poor that are black and white and Hispanic
00:49:31 --> 00:49:34:	and other and so that's actually speaks well the city.
00:49:34 --> 00:49:38:	But there's a lot of opportunity for improvement and moving
00:49:38 --> 00:49:38:	forward.
00:49:38 --> 00:49:40:	I'll just mention quickly those.
00:49:40 --> 00:49:41:	Two photos at the top.
00:49:41 --> 00:49:44:	I actually took this morning one as a little tiny
00:49:44 --> 00:49:46:	pocket park that is being used as a food truck
00:49:46 --> 00:49:49:	facility and it does have stormwater management in it.
00:49:49 --> 00:49:52:	I didn't take a picture of the storm water management,
00:49:52 --> 00:49:55:	but it does have permanent facilities for food trucks and
00:49:55 --> 00:49:55:	it has,
00:49:55 --> 00:49:58:	you know, games that people can play and shade structures
00:49:58 --> 00:50:00:	and hammocks and all kinds of things.
00:50:00 --> 00:50:02:	The other is Cora Robison Park,
00:50:02 --> 00:50:04:	which used to be. It was actually,
00:50:04 --> 00:50:06:	I think it was famous for having a murder in
00:50:06 --> 00:50:07:	it.
00:50:07 --> 00:50:09:	It used to be Tumbling Creek Park and it's turned
00:50:09 --> 00:50:11:	into a beautiful storm water basin.
00:50:11 --> 00:50:13:	There's some. Babble boxes, Sir.
00:50:13 --> 00:50:15:	There's a trail. There's a water feature,
00:50:15 --> 00:50:17:	and on one side of the park this morning there
00:50:17 --> 00:50:20:	were private sector employees doing maintenance.
00:50:20 --> 00:50:22:	And on the other side there were city employees doing
00:50:22 --> 00:50:23:	maintenance.
00:50:23 --> 00:50:29:	So go ahead. Next slide.
00:50:29 --> 00:50:32:	These were the 10 minute walk side we're gonna skip
00:50:32 --> 00:50:33:	right past those.
00:50:33 --> 00:50:36:	So I'm going to close out by talking a little
00:50:36 --> 00:50:40:	bit about capital funding and looking for those multiple benefits
00:50:40 --> 00:50:42:	and funding office options.
00:50:42 --> 00:50:45:	So my work at the trust for public land is
00:50:45 --> 00:50:49:	really focused on helping City and county governments develop funding
00:50:49 --> 00:50:51:	sources for their parks,
00:50:51 --> 00:50:53:	trails, natural lands and other priorities.
00:50:53 --> 00:50:57:	Sometimes we actually work on measures that you know might
00:50:57 --> 00:50:59:	be a series of different bond questions.

00:50:59 --> 00:51:02:	In fact, happy. One of I was on a panel
00:51:02 --> 00:51:04:	once with then Mayor Hickenlooper,
00:51:04 --> 00:51:08:	now US Senator in which he described doing 9 separate
00:51:08 --> 00:51:10:	bond measures on a single ballot.
00:51:10 --> 00:51:13:	I imagine you were involved in that and all nine
00:51:13 --> 00:51:16:	passing and he talked about bringing some of the worst
00:51:16 --> 00:51:20:	critics of of city management into the process so that
00:51:20 --> 00:51:23:	they could see the nest necessity of doing that.
00:51:23 --> 00:51:26:	And you know, oftentimes this comes after the kind of
00:51:26 --> 00:51:29:	process that you're undergoing now with a ekom where you've
00:51:29 --> 00:51:30:	put together.
00:51:30 --> 00:51:33:	Coherent Parks master plan and then the big need is
00:51:33 --> 00:51:35:	for how to fund it and so we go through
00:51:35 --> 00:51:37:	a pretty stepwise process.
00:51:37 --> 00:51:39:	The photo at the top is actually built at a
00:51:39 --> 00:51:40:	school site,
00:51:40 --> 00:51:43:	but it was funded by a Latua counties wild spaces
00:51:43 --> 00:51:46:	public places program so that it serves school kids during
00:51:46 --> 00:51:48:	the day and then is open to the public in
00:51:48 --> 00:51:51:	the evening, as as a park.
00:51:51 --> 00:51:54:	That bottom picture is the private sector along Core Robison Park,
00:51:54 --> 00:51:54:	Park,
00:51:54 --> 00:51:58:	and that's really driven redevelopment in the area because among
00:51:58 --> 00:51:58:	other things,
00:51:58 --> 00:52:00:	a stormwater is being managed offsite,
00:52:00 --> 00:52:03:	and so it provides you know a better opportunity for
00:52:04 --> 00:52:06:	better using a site for redevelopment.
00:52:06 --> 00:52:09:	The last thing I want to just mention is that
00:52:09 --> 00:52:10:	there is an option.
00:52:10 --> 00:52:13:	I don't see it used all that often.
00:52:13 --> 00:52:16:	Usually we either are working on bonds or sales taxes,
00:52:16 --> 00:52:19:	but there is a mechanism in Florida statute which is
00:52:19 --> 00:52:21:	relatively unknown.
00:52:21 --> 00:52:25:	That you can do a capital project bond voter authorized
00:52:25 --> 00:52:30:	that also allows some additional mileage for operation and maintenance
00:52:30 --> 00:52:34:	and just in the 23 ballot measures I've worked on
00:52:34 --> 00:52:37:	in Florida since 2590% of them have passed,
00:52:37 --> 00:52:42:	including many municipal measures for entire City Park master plans
00:52:42 --> 00:52:43:	and Doral,

00:52:43 --> 00:52:47:	we did a measure in 2018 that was for $150
00:52:47 --> 00:52:49:	million at passed pretty well.
00:52:49 --> 00:52:52:	So I think that. Closes out my slides,
00:52:52 --> 00:52:56:	but we're really excited about the opportunities that you're that
00:52:56 --> 00:52:57:	you're tackling here,
00:52:57 --> 00:52:59:	and I think it's time to turn it back to
00:52:59 --> 00:53:01:	Taylor to close.
00:53:01 --> 00:53:02:	Close this out.
00:53:02 --> 00:53:05:	Thanks again and thanks everyone and we are well.
00:53:05 --> 00:53:08:	We have a few more minutes and I want to
00:53:09 --> 00:53:12:	just kind of share some closing thoughts.
00:53:12 --> 00:53:15:	We think that there is a good opportunity to create
00:53:15 --> 00:53:19:	a big vision for how these stormwater facilities and other
00:53:19 --> 00:53:21:	green spaces that the city owns.
00:53:21 --> 00:53:25:	How can they serve multiple benefits solutions and we want
00:53:25 --> 00:53:28:	to utilize data and metrics and try to find ways
00:53:28 --> 00:53:32:	to look more holistically at these spaces to create the
00:53:32 --> 00:53:37:	economic, social, environmental. Benefits that we want for our community.
00:53:37 --> 00:53:38:	It's not just Gray infrastructure,
00:53:38 --> 00:53:40:	it can be green infrastructure.
00:53:40 --> 00:53:43:	So again, we want to design for those multi benefit
00:53:43 --> 00:53:46:	solutions and try to pursue partnerships.
00:53:46 --> 00:53:50:	Get the different departments working together so that the Storm
00:53:50 --> 00:53:53:	Water Department and the landscape and the parks team and
00:53:53 --> 00:53:57:	other public works divisions transportation can all get a seat
00:53:57 --> 00:54:00:	at the table to help design these solutions that serve
00:54:00 --> 00:54:01:	multiple benefits.
00:54:01 --> 00:54:03:	And I think you'll find from there.
00:54:03 --> 00:54:07:	You know creating these interdisciplinary teams of planning engineering,
00:54:07 --> 00:54:09:	everybody, you gotta break down the silos,
00:54:09 --> 00:54:13:	but you also get a lot of benefit from that.
00:54:13 --> 00:54:17:	And maybe there's some funding across these organizations across these
00:54:17 --> 00:54:18:	disciplines to make things better,
00:54:18 --> 00:54:22:	provide more funding to to the better ideas and happy
00:54:22 --> 00:54:25:	spoke so well about the importance of community engagement and
00:54:25 --> 00:54:29:	getting the Community involved to build and institutionalized a plan

00:54:29 --> 00:54:33:	that fosters the ownership of these spaces that can lead
00:54:33 --> 00:54:34:	to effective.
00:54:34 --> 00:54:37:	Implementation, but also to help maintain these facilities and and
00:54:37 --> 00:54:41:	utilize these facilities and help these facilities turn into something
00:54:41 --> 00:54:43:	so much more than just a place to store storm
00:54:43 --> 00:54:45:	water. And of course, like I said,
00:54:45 --> 00:54:48:	you know, integrate resiliency. We want it.
00:54:48 --> 00:54:50:	We want to respond to climate change.
00:54:50 --> 00:54:52:	We have to understand what our issues are.
00:54:52 --> 00:54:54:	What are the shocks and stressors?
00:54:54 --> 00:54:57:	Water the infrastructure needs. But we also don't want to
00:54:57 --> 00:55:00:	just treat it as something that we have to combat.
00:55:00 --> 00:55:03:	We want to try to find a way to create
00:55:03 --> 00:55:04:	a system.
00:55:04 --> 00:55:07:	To create a network to create places that serve the
00:55:07 --> 00:55:10:	community when they aren't necessarily fighting,
00:55:10 --> 00:55:12:	flooding or or storm events.
00:55:12 --> 00:55:15:	And that's a lot of the time here in Tampa,
00:55:15 --> 00:55:18:	obviously. So we really appreciate your time.
00:55:18 --> 00:55:20:	I want to be clear too.
00:55:20 --> 00:55:23:	This is a presentation put together after 2-3 afternoons this
00:55:23 --> 00:55:27:	week with the team from all around the country literally
00:55:27 --> 00:55:30:	different time zones and we are going to craft and
00:55:30 --> 00:55:34:	develop a final report that will be sharing with you
00:55:34 --> 00:55:35:	and from there.
00:55:35 --> 00:55:36:	We look forward to your feedback,
00:55:36 --> 00:55:38:	were able to collaborate more,
00:55:38 --> 00:55:40:	and discuss more. If you have a need or an
00:55:40 --> 00:55:43:	interest in doing that with smaller teams and wit,
00:55:43 --> 00:55:46:	we really appreciate you putting your trust in us and
00:55:46 --> 00:55:48:	bringing us to the table on this effort.
00:55:48 --> 00:55:50:	It's been a real joy to work with you and
00:55:50 --> 00:55:51:	everybody at the city,
00:55:51 --> 00:55:54:	and I think I speak on behalf of all the
00:55:54 --> 00:55:54:	panelists.
00:55:54 --> 00:55:57:	We hope that this gives you some good ideas to
00:55:57 --> 00:55:59:	take the ball and run with it,
00:55:59 --> 00:56:02:	and we want to love to see some more implementation
00:56:02 --> 00:56:05:	of green infrastructure in the city of Tampa.
00:56:05 --> 00:56:12:	Any questions? What are good?

00:56:12 --> 00:56:12:	No thanks
00:56:12 --> 00:56:14:	so much Taylor and team.
00:56:14 --> 00:56:17:	I know you guys have you set out a lot
00:56:17 --> 00:56:20:	of time this week and I just want to reiterate
00:56:20 --> 00:56:22:	to the City of Tampa team,
00:56:22 --> 00:56:26:	you know, we've got incredible staff here from the landscape
00:56:26 --> 00:56:29:	architects all the way up to our directors and administrators
00:56:29 --> 00:56:32:	and the hope here is that we continue to collaborate,
00:56:32 --> 00:56:36:	moving forward and that we find the highest and best
00:56:36 --> 00:56:39:	use of our land and assets as we continue to
00:56:39 --> 00:56:41:	become a denser city.
00:56:41 --> 00:56:44:	We're going to need to value and cherish our green
00:56:44 --> 00:56:45:	space even more so.
00:56:45 --> 00:56:47:	Thank you for your time and,
00:56:47 --> 00:56:50:	uh, Taylors, I I would encourage everyone to take Taylor
00:56:50 --> 00:56:53:	up on his offer to further collaborate as they're putting
00:56:53 --> 00:56:55:	together the final report.
00:56:55 --> 00:56:57:	If you think that we came up short on honoring
00:56:57 --> 00:56:59:	work that's already been completed,
00:56:59 --> 00:57:01:	or you've got ideas moving forward,
00:57:01 --> 00:57:05:	one of the I mean this was somewhat.
00:57:05 --> 00:57:08:	Coincidental, I know City Council recently made a motion to
00:57:09 --> 00:57:11:	think about using storm water pods differently.
00:57:11 --> 00:57:14:	You know that that that that that so,
00:57:14 --> 00:57:17:	so hopefully we can use this report and and and
00:57:17 --> 00:57:20:	and the staff reports and will come back to Council
00:57:20 --> 00:57:21:	with on that.
00:57:21 --> 00:57:24:	And we're also going to be issuing a $50 million
00:57:24 --> 00:57:25:	green bond.
00:57:25 --> 00:57:28:	And we're going to need to justify and show investors
00:57:28 --> 00:57:31:	that were thinking about our infrastructure and creative and sustainable
00:57:31 --> 00:57:32:	ways.
00:57:32 --> 00:57:36:	And this will also be really helpful for that effort
00:57:36 --> 00:57:36:	so.
00:57:36 --> 00:57:39:	I'll again open it up to any other questions or
00:57:39 --> 00:57:42:	feedback or comments from from the panelists or from City
00:57:42 --> 00:57:43:	Tampa staff.
00:57:47 --> 00:57:48:	Hey wait, this
00:57:48 --> 00:57:52:	is Vic uh, I just wanted to make a comment.
00:57:52 --> 00:57:56:	Thank you so much for partnering with you Ally in
00:57:56 --> 00:57:56:	bringing

00:57:56 --> 00:57:58:	national experts to
00:57:58 --> 00:58:00:	really illuminate a process that we
00:58:00 --> 00:58:02:	could really utilize. I mean,
00:58:02 --> 00:58:06:	these are things that we haven't done like it was
00:58:06 --> 00:58:08:	mentioned in the past and
00:58:08 --> 00:58:09:	we look forward
00:58:09 --> 00:58:13:	to these cross silo partnerships if you will because that's
00:58:14 --> 00:58:16:	really where the value is at.
00:58:16 --> 00:58:19:	I mean, for decades we've worked in specialization.
00:58:19 --> 00:58:21:	And the value is
00:58:21 --> 00:58:25:	kind of working across all of these specialty areas.
00:58:25 --> 00:58:25:	So again, thank
00:58:25 --> 00:58:27:	you. Thank you Beck.
00:58:31 --> 00:58:33:	Alright, well I see it's 5:00 o'clock.
00:58:33 --> 00:58:35:	That brings us to the end of our hour.
00:58:35 --> 00:58:38:	If you've got a specific questions or comments,
00:58:38 --> 00:58:40:	feel free to reach out to me or Taylor directly
00:58:40 --> 00:58:43:	and thank you all very much for your time and
00:58:43 --> 00:58:45:	we look forward to seeing some great projects on the
00:58:45 --> 00:58:47:	ground here in the next couple years.