



Webinar

Water Wise Development Coalition Meeting - 1

Date: January 18, 2023

00:00:01 --> 00:00:03: This meeting is being recorded.

00:00:05 --> 00:00:06: Well, hello, everyone.

00:00:07 --> 00:00:08: Thank you for joining us.

00:00:08 --> 00:00:12: I'm Marion Epic, Director of Resilience for the Urban Land Institute, and I'm really excited to welcome you to this

00:00:12 --> 00:00:16: new development coalition.

00:00:16 --> 00:00:18:

00:00:18 --> 00:00:21: I just want to mention that this is being recorded,

00:00:21 --> 00:00:24: so if you don't mind muting yourself while others are

00:00:24 --> 00:00:27: talking, that would be really helpful, but you're welcome to

00:00:27 --> 00:00:30: unmute later on when we have a group discussion.

00:00:32 --> 00:00:35: Just a quick overview of what we'll be covering today.

00:00:35 --> 00:00:37: We ask that as you log in, please add your

00:00:37 --> 00:00:41: name, title, organization, and location to the chat box so

00:00:41 --> 00:00:45: that you can introduce yourself to others on the call.

00:00:45 --> 00:00:48: We're going to be talking about the Water Wise Development

00:00:48 --> 00:00:51: Coalition today and we'll introduce all the partners involved.

00:00:52 --> 00:00:56: We're going to have some presentations after those introductions on

00:00:56 --> 00:00:59: Water Wise development, how to do it, what are the

00:00:59 --> 00:01:02: strategies, what are the policies that support it, followed by

00:01:02 --> 00:01:03: Q&A.

00:01:03 --> 00:01:07: And then finally, we're going to have a group discussion

00:01:07 --> 00:01:11: talking about upcoming programming and scheduling for the coalition and

00:01:11 --> 00:01:13: then we'll wrap up.

00:01:13 --> 00:01:15: And so it'll be really quick and we're, we're excited

00:01:15 --> 00:01:16: to get started here with you today.

00:01:18 --> 00:01:21: So just to, to kick this off, the Urban Land

00:01:21 --> 00:01:25: Institute's Urban Resilience program, which I, I work for, in

00:01:25 --> 00:01:30: partnership with the Sonoran Institute, the Alliance for Water Efficiency

00:01:30 --> 00:01:33: and the Water Now Alliance, are launching this water wise

00:01:33 --> 00:01:38: development Coalition to convene land use and real estate professionals

00:01:38 --> 00:01:42: with policy makers to advance water smart real estate development

00:01:42 --> 00:01:44: and supportive policies.

00:01:45 --> 00:01:49: It's free to participate in the coalition's quarterly virtual meetings,

00:01:49 --> 00:01:51: of which this is the first, and we'll focus on

00:01:51 --> 00:01:55: methods for advancing water smart development and supportive policies.

00:01:56 --> 00:01:58: And all of you will have a say in upcoming

00:01:58 --> 00:02:01: meeting topics, speakers and efforts.

00:02:01 --> 00:02:03: So thank you for joining us for this.

00:02:03 --> 00:02:04: We're really excited about it.

00:02:06 --> 00:02:09: Just to let you know a little bit more about

00:02:09 --> 00:02:13: our organizations, the Urban Land Institute or ULI, is a

00:02:13 --> 00:02:16: nonpartisan, nonprofit organization.

00:02:17 --> 00:02:20: We're based out of Washington, DC, but we're global and

00:02:20 --> 00:02:24: we're founded in 1936 with the purpose to connect industry

00:02:24 --> 00:02:28: leaders in land use and real estate to inspire best

00:02:28 --> 00:02:32: practices for equitable and sustainable land use and to lead

00:02:32 --> 00:02:37: in anticipating and addressing challenges facing the urban

00:02:37 --> 00:02:40: landscaping landscape,

00:02:37 --> 00:02:40: including water stress and water scarcity.

00:02:43 --> 00:02:45: As I mentioned, ULI is global.

00:02:45 --> 00:02:49: We have district and national councils all around the world.

00:02:49 --> 00:02:54: And we glean information from all of these local chapters

00:02:54 --> 00:02:57: to, to influence the, the work that we put out,

00:02:58 --> 00:03:02: the research and the meetings and the events that we,

00:03:02 --> 00:03:03: that we host.

00:03:04 --> 00:03:09: We have, we have over 46,000 members all around the

00:03:09 --> 00:03:13: world and we use these folks to help us build

00:03:13 --> 00:03:14: insights.

00:03:14 --> 00:03:18: And our members include a broad range of, of professionals

00:03:18 --> 00:03:21: active in the real estate and landing sectors.

00:03:21 --> 00:03:23: So you can see here a breakdown of what those

00:03:23 --> 00:03:24: sectors are.

00:03:27 --> 00:03:29: So as I mentioned, I work for a utilized urban

00:03:29 --> 00:03:33: resilience program, which is focused on how building cities

00:03:33 --> 00:03:37: and

00:03:33 --> 00:03:37: communities can be more resilient to the impacts of climate

00:03:37 --> 00:03:40: change and other environmental vulnerabilities.

00:03:40 --> 00:03:41: Excuse me as I'm tongue tied.

00:03:42 --> 00:03:46: We do this through advancing industry understanding of resilience, cultivating

00:03:46 --> 00:03:51: champions for resilience, and supporting communities and becoming more climate

00:03:51 --> 00:03:51: resilient.

00:03:52 --> 00:03:55: And these are just a few of the report covers

00:03:55 --> 00:03:59: that we've recently worked on, including wildfire resilience, heat resilience,

00:03:59 --> 00:04:02: water resilience, green infrastructure.

00:04:02 --> 00:04:05: We focus on quite a few resilience related topics.

00:04:07 --> 00:04:09: And with that, I'll turn it over to our partners

00:04:09 --> 00:04:12: to introduce themselves, starting with the Alliance for Water Efficiency.

00:04:13 --> 00:04:14: Lisa, are you there?

00:04:15 --> 00:04:15: Yeah.

00:04:15 --> 00:04:18: Sorry I am here now like many of you, we

00:04:18 --> 00:04:21: have a snow day so making it work.

00:04:22 --> 00:04:25: I'm so glad I could join and so glad to

00:04:25 --> 00:04:28: be part of this conversation and helping support this however

00:04:28 --> 00:04:29: we can.

00:04:29 --> 00:04:30: My name is Lisa Hans.

00:04:30 --> 00:04:33: I'm the director of programs with the Alliance for Water

00:04:33 --> 00:04:35: Efficiency, which is a non profit.

00:04:35 --> 00:04:38: And it's, you know, similar vibe in that we have

00:04:38 --> 00:04:41: lots of different members from lots of different parts of

00:04:41 --> 00:04:44: the world that are really focused on and committed to

00:04:44 --> 00:04:47: a sustainable and efficient use of water.

00:04:47 --> 00:04:50: And so our network of colleagues really spans the range

00:04:50 --> 00:04:54: of utilities and governments, business and industry researchers that are

00:04:54 --> 00:04:57: working on this, and then great affiliate partnerships with other

00:04:57 --> 00:05:00: nonprofits like the ones that are participating today.

00:05:00 --> 00:05:04: So we really focus on both advocacy and really advancing

00:05:04 --> 00:05:07: change in this space and moving things forward, as well

00:05:07 --> 00:05:11: as building knowledge and sharing resources across our membership.

00:05:11 --> 00:05:13: So if you want to learn more, feel free to

00:05:13 --> 00:05:13: reach out.

00:05:13 --> 00:05:16: And there's our website and my contact information, and I'll

00:05:16 --> 00:05:19: be happy to participate in the conversations today and moving

00:05:19 --> 00:05:20: forward.

00:05:20 --> 00:05:20: Thanks, Marian.

00:05:21 --> 00:05:22: Thank you, ISIL.

00:05:23 --> 00:05:25: Our next partner is the Sonoran Institute.

00:05:26 --> 00:05:28: Hi everyone, My name is Waverly Claw.

00:05:28 --> 00:05:31: I'm the director of the Growing Water Smart program for

00:05:31 --> 00:05:32: the Sonoran Institute.

00:05:34 --> 00:05:38: The Sonoran Institute is a bi national organization established in

00:05:38 --> 00:05:39: 1990.

00:05:39 --> 00:05:44: We work throughout the western United States and northern Mexico,

00:05:44 --> 00:05:48: and our vision is really to see a Colorado River

00:05:48 --> 00:05:53: basin where rivers flow, landscapes are healthy, and all communities

00:05:53 --> 00:05:54: thrive.

00:05:54 --> 00:05:57: And within that, you know, our mission is really to

00:05:57 --> 00:06:01: connect people and communities with the natural resources that nourish

00:06:01 --> 00:06:02: and sustain them.

00:06:02 --> 00:06:07: And we do that through several programs that essentially prioritize

00:06:07 --> 00:06:12: restoring riparian habitat in the Colorado River Delta, securing water

00:06:12 --> 00:06:16: to reconnect the Colorado River with its tributaries and the

00:06:16 --> 00:06:21: sea, renewing individual and community relationships with the river and

00:06:21 --> 00:06:26: with our natural systems, And then finally, training and assisting

00:06:26 --> 00:06:32: communities in implementing water conservation, efficiency, reuse, and stormwater vest

00:06:32 --> 00:06:34: management practices.

00:06:34 --> 00:06:37: And that's the program that I work in and I'll

00:06:37 --> 00:06:38: talk a little bit about later.

00:06:39 --> 00:06:43: Essentially, we have growing water smart workshops that operate in

00:06:43 --> 00:06:47: Colorado, Arizona, and soon California and along the US Mexico

00:06:47 --> 00:06:48: border.

00:06:49 --> 00:06:52: So happy to connect with you all today and I

00:06:52 --> 00:06:55: look forward to a robust conversation and a future of

00:06:56 --> 00:06:57: networking and engagement.

00:06:59 --> 00:07:00: Thank you, Waverly.

00:07:00 --> 00:07:04: And then our last partner is Water Now Alliance.

00:07:04 --> 00:07:07: Hey everyone, my name is Victoria Arling.

00:07:07 --> 00:07:10: I'm Water Now's Colorado Basin Program Manager.

00:07:10 --> 00:07:14: Water Now is a nonprofit network of local leaders working
00:07:14 --> 00:07:19: to advance sustainable, affordable, equitable and climate
resilient drinking water,
00:07:19 --> 00:07:23: storm water and wastewater solutions across different
communities.
00:07:24 --> 00:07:27: We help support local water leaders by help them realize,
00:07:27 --> 00:07:31: you know, tangible progress has scaled by identifying and
clearing
00:07:31 --> 00:07:35: barriers to provide technical tools, resources and technical
assistance.
00:07:36 --> 00:07:40: We're also a membership based organization, so we have
about
00:07:40 --> 00:07:43: 700 members across 43 states right now.
00:07:44 --> 00:07:46: And yeah, I'm just really excited to be invited to
00:07:46 --> 00:07:47: be part of this coalition.
00:07:48 --> 00:07:50: My contact information is on the side right there.
00:07:51 --> 00:07:54: And one, one thing that I mostly focus on is
00:07:54 --> 00:07:59: our direct technical assistance through our project
accelerator program, which
00:07:59 --> 00:08:04: is currently open for Colorado communities to gain free
assistance.
00:08:04 --> 00:08:07: And so I'll, I'll be mentioning a little more about
00:08:07 --> 00:08:08: that today at the end.
00:08:08 --> 00:08:09: So thanks.
00:08:09 --> 00:08:09: Nice to meet you all.
00:08:10 --> 00:08:11: Thanks Vic.
00:08:12 --> 00:08:14: And and one thing I'll mention about the value of
00:08:14 --> 00:08:17: all these partnerships is that we each organization has a
00:08:17 --> 00:08:18: different network.
00:08:18 --> 00:08:22: So we're bringing those networks together to really have a
00:08:22 --> 00:08:25: truly cross sector conversation and efforts going forward.
00:08:25 --> 00:08:27: So thank you all for for being part of this.
00:08:30 --> 00:08:32: So our presentation today and we're just going to dive
00:08:32 --> 00:08:35: right into content and we'll have some Q&A at the
00:08:35 --> 00:08:35: end.
00:08:35 --> 00:08:38: But you're welcome to add comments and questions to the
00:08:38 --> 00:08:40: chat box throughout and we'll just address them during the
00:08:40 --> 00:08:41: Q&A.
00:08:41 --> 00:08:44: But the presentation right now is based on our utilized
00:08:44 --> 00:08:49: recent report, Water Wise Strategies for Drought Resilient
developments.
00:08:50 --> 00:08:53: This report is available for free online and Victoria, if
00:08:53 --> 00:08:55: you don't mind putting the link in the chat, people
00:08:55 --> 00:08:57: can just access it right away.

00:08:58 --> 00:09:02: It introduces the challenges and opportunities associated with drought and

00:09:02 --> 00:09:06: limited freshwater availability, and it provides best practices for real

00:09:06 --> 00:09:09: estate and land use professionals to address them.

00:09:09 --> 00:09:14: It includes the science behind drought, the business case for

00:09:14 --> 00:09:18: water, smart real estate development and landscaping strategies, and best

00:09:18 --> 00:09:21: practices for addressing water scarcity.

00:09:24 --> 00:09:26: And you've got, if you don't mind muting yourself, that

00:09:26 --> 00:09:27: would be really helpful.

00:09:27 --> 00:09:29: We're recording as well.

00:09:30 --> 00:09:33: And then finally, public sector policies and practices that can

00:09:33 --> 00:09:35: support responsible water use.

00:09:36 --> 00:09:39: And then we also have quite a few case studies

00:09:39 --> 00:09:42: and profiles of water smart developments and their outcomes in

00:09:42 --> 00:09:42: the report.

00:09:45 --> 00:09:47: So why does being water wise matter?

00:09:49 --> 00:09:53: The frequency, intensity and duration of droughts are increasing, leading

00:09:53 --> 00:09:58: to a myriad of issues including regional wildfires, flooding, erosion,

00:09:58 --> 00:10:02: and this pattern is expected to continue with climate change.

00:10:03 --> 00:10:06: In many cases, these trends are leading to long term

00:10:06 --> 00:10:08: aridification, not just short term droughts.

00:10:10 --> 00:10:14: With a combination of water scarcity, population growth, and water

00:10:14 --> 00:10:18: quality issues, many communities are beginning to forecast an inability

00:10:18 --> 00:10:20: to accommodate future water needs.

00:10:21 --> 00:10:24: Some of these communities are halting real estate development and

00:10:24 --> 00:10:28: others are requiring that developers acquire their own water supplies,

00:10:28 --> 00:10:31: which is getting increasingly challenging and expensive.

00:10:32 --> 00:10:34: We found that there are better ways of responding to

00:10:34 --> 00:10:35: water stress.

00:10:38 --> 00:10:41: In terms of the business case for water smart development,

00:10:41 --> 00:10:46: we found that investing in water efficiency and conservation measures

00:10:46 --> 00:10:49: at the site scale mitigates the risks of water shortages,

00:10:49 --> 00:10:53: policy changes and rising water prices and Garner's water and

00:10:53 --> 00:10:54: energy costs.

00:10:56 --> 00:11:01: Hey Austin, if you don't mind muting that, why do
00:11:01 --> 00:11:03: you play together?
00:11:03 --> 00:11:07: And and Garner's water and energy cost savings providing
long
00:11:07 --> 00:11:09: term value to owners and investors.
00:11:12 --> 00:11:17: Upfront investment in water and energy efficiency measures
increases asset
00:11:17 --> 00:11:19: value in some cases by 10% or more.
00:11:21 --> 00:11:25: And consumers are increasingly showing a preference for
water efficient
00:11:25 --> 00:11:31: fixtures, appliances, buildings and landscapes, especially in
drought prone regions.
00:11:37 --> 00:11:40: Many real estate and Laney's professionals are already
leading the
00:11:40 --> 00:11:42: way with innovative solutions.
00:11:42 --> 00:11:44: I'll give a high level overview of some of the
00:11:44 --> 00:11:47: strategies and best practices they are using for water smart
00:11:47 --> 00:11:50: development and landscaping that are in the report.
00:11:53 --> 00:11:58: Overall, compact infill and water efficient development
accommodates growth without
00:11:58 --> 00:12:02: significantly increasing the burden on the local water system.
00:12:03 --> 00:12:07: Some of these pre development strategies that are included
in
00:12:07 --> 00:12:10: the report include water smart site selection such as infill
00:12:11 --> 00:12:16: compact with existing infrastructure and existing water supply
water adequacy
00:12:16 --> 00:12:19: so making sure you have a site with sufficient water
00:12:19 --> 00:12:20: resources.
00:12:21 --> 00:12:27: Financing and underwriting water efficiency improvements,
which really helps with
00:12:27 --> 00:12:32: the ESG designations and data collection that the investors
love
00:12:32 --> 00:12:35: and water efficient design and construction.
00:12:35 --> 00:12:38: And there are many methods of doing this and creating
00:12:38 --> 00:12:40: a water action plan can really help with that.
00:12:43 --> 00:12:46: So in terms of creating a water action plan, water
00:12:47 --> 00:12:51: management follows the same exact framework used in the
Energy
00:12:51 --> 00:12:53: Star guidelines for energy management.
00:12:53 --> 00:12:56: So if you already do this for energy, it's going
00:12:56 --> 00:12:58: to be pretty easy to tack on water management as
00:12:58 --> 00:13:00: well and go through the same process.
00:13:00 --> 00:13:03: And you can do them together and they're actually mutually
00:13:03 --> 00:13:05: beneficial because when you save water, you also save a

00:13:05 --> 00:13:06: lot of energy.

00:13:08 --> 00:13:11: So the steps for, for doing a water action plan

00:13:12 --> 00:13:17: include making a commitment, assessing your water use, setting and

00:13:17 --> 00:13:23: communicating goals, creating the water action plan, which can include

00:13:23 --> 00:13:29: identifying projects and calculating the costs and potential savings, identifying

00:13:30 --> 00:13:37: financing sources for those improvements, calculating simple payback, prioritizing the

00:13:37 --> 00:13:42: projects and then implementing those projects and the action plan.

00:13:43 --> 00:13:45: And it, it's not necessarily a linear process.

00:13:45 --> 00:13:47: It really circles back on itself.

00:13:48 --> 00:13:52: And as you progress and, and learn things and then

00:13:52 --> 00:13:56: evaluating your progress over time is, is crucial for making

00:13:56 --> 00:14:02: continuous improvement and then recognizing accomplishments, not not forgetting that

00:14:02 --> 00:14:06: that's important to, to keep morale up and to continue

00:14:06 --> 00:14:09: to be excited about this, this work.

00:14:12 --> 00:14:19: Some indoor strategies that we highlight include, excuse me, smart

00:14:19 --> 00:14:26: metering and sub metering, leak detection and repair, water efficient

00:14:26 --> 00:14:30: fixtures and appliances and water reuse.

00:14:31 --> 00:14:34: And you can see on this image some of the

00:14:34 --> 00:14:39: typical water sources available for water reuse.

00:14:40 --> 00:14:43: And we found that indoor water reuse water use has

00:14:43 --> 00:14:48: decreased by significant margin due to the increased efficiency of

00:14:48 --> 00:14:50: water fixtures and appliances.

00:14:50 --> 00:14:52: But there's still a long way to go to realize

00:14:52 --> 00:14:55: the full potential savings across development types.

00:14:55 --> 00:15:00: So there's, you know, these are pretty simple things like

00:15:00 --> 00:15:04: switching out your fixtures and they can make a huge

00:15:04 --> 00:15:07: difference in arid and semi arid regions.

00:15:07 --> 00:15:11: Outdoor water use frequently accounts for over 50% of water

00:15:11 --> 00:15:14: use, making it a linchpin for water savings.

00:15:17 --> 00:15:22: Water smart and drought resilient landscaping includes everything from soil

00:15:22 --> 00:15:28: preparation, the selection of crime lit appropriate plants, hydrozoning, installation

00:15:28 --> 00:15:34: and maintenance of water efficient irrigation systems, green infrastructure and

00:15:34 --> 00:15:36: permeable hardscapes.

00:15:36 --> 00:15:40: These strategies have a variety of benefits including the reduction

00:15:40 --> 00:15:44: of water demand, productive use of stormwater, decreased flood risk,

00:15:44 --> 00:15:47: and recharge of groundwater and local ecosystems.

00:15:49 --> 00:15:53: We also have another report called Harvesting the Value of

00:15:53 --> 00:15:57: Water, which focuses on green infrastructure and how it can

00:15:57 --> 00:16:02: be used within the built environment to help reuse stormwater,

00:16:02 --> 00:16:06: filter water and also recharge groundwater, which is crucial when

00:16:06 --> 00:16:09: you're in a drought situation.

00:16:13 --> 00:16:16: One concern echoed by a variety of developers is that

00:16:16 --> 00:16:19: they could create the most water efficient property in the

00:16:19 --> 00:16:23: world, but without appropriate operations and maintenance, that property will

00:16:23 --> 00:16:25: likely lose its water efficiency over time.

00:16:28 --> 00:16:31: So water management over time is is crucial.

00:16:31 --> 00:16:34: And some of the the areas that we found for

00:16:34 --> 00:16:38: this include reducing water losses, such as being able to

00:16:38 --> 00:16:43: identify and fix leaks, increasing the water efficiency of fixtures,

00:16:43 --> 00:16:49: equipment, systems and processes, educating colleagues and occupants about water

00:16:49 --> 00:16:54: efficiency to encourage water saving behavior like with signage, and

00:16:54 --> 00:16:56: managing on site water reuse processes.

00:16:57 --> 00:17:00: And then you'll also see that there are quite a

00:17:00 --> 00:17:05: few certification programs out there for water efficient landscaping and

00:17:05 --> 00:17:07: building management.

00:17:07 --> 00:17:09: And so taking advantage of those is great.

00:17:12 --> 00:17:15: We also looked at public sector policies and practices that

00:17:15 --> 00:17:17: can support responsible water use.

00:17:19 --> 00:17:23: For context, around 50% of the world is experiencing droughts.

00:17:23 --> 00:17:27: This map shows global groundwater depletion, which is, you know,

00:17:27 --> 00:17:29: natural underground storage for water.

00:17:30 --> 00:17:34: And although the water stress is widespread, policy responses are

00:17:34 --> 00:17:35: quite diverse.

00:17:38 --> 00:17:41: We found that public officials at all levels of government

00:17:41 --> 00:17:45: in the US are increasingly recognizing drought as a threat

00:17:45 --> 00:17:48: to their communities and are enacting drought related policies to

00:17:49 --> 00:17:50: address water stress.

00:17:50 --> 00:17:53: These are just some of the recent headlines that are,

00:17:53 --> 00:17:54: you know, covering our news.

00:17:57 --> 00:17:59: I would like to turn it over to Victoria to

00:17:59 --> 00:18:01: talk about the Inflation Reduction Acts.

00:18:03 --> 00:18:04: Yeah, Thanks, Marianne.

00:18:04 --> 00:18:08: And I'll just give like a quick snapshot of some

00:18:08 --> 00:18:12: of these federal funds that are I guess coming about

00:18:12 --> 00:18:14: over the last year.

00:18:14 --> 00:18:16: But, you know, as many, many of you are aware,

00:18:17 --> 00:18:20: the Inflation Reduction Act, which was passed last year, really

00:18:20 --> 00:18:23: represents the most significant legislation in U.S.

00:18:23 --> 00:18:26: history to tackle the climate and energy crisis and help

00:18:26 --> 00:18:29: strengthen American energy security.

00:18:30 --> 00:18:33: Some of this money is being distributed by the federal

00:18:33 --> 00:18:37: agencies through grants directly to states, tribes and local governments.

00:18:37 --> 00:18:40: And other pots of money will be distributed through state

00:18:40 --> 00:18:40: programs.

00:18:42 --> 00:18:46: Specifically, you know, this does include \$4 billion in funding

00:18:46 --> 00:18:50: for water management and conservation efforts in the Colorado River

00:18:50 --> 00:18:54: Basin and other areas that are experiencing similar levels of

00:18:54 --> 00:18:54: drought.

00:18:55 --> 00:18:58: And these funds are going to be made made available

00:18:58 --> 00:19:01: by the Bureau of Reclamation over the next handful of

00:19:01 --> 00:19:04: years through both existing and new programs.

00:19:05 --> 00:19:08: The department is also working to invest in long term

00:19:08 --> 00:19:13: systems efficiency improvements across the basin, including a \$500 million

00:19:13 --> 00:19:15: investment in the upper basin states.

00:19:16 --> 00:19:20: That's going to result in additional water conservation for our

00:19:20 --> 00:19:21: entire system here.

00:19:22 --> 00:19:25: And although there are still some details to work out,

00:19:26 --> 00:19:29: in addition to that 4 billion for the drought mitigation

00:19:29 --> 00:19:34: projects, some recent announcements from Reclamation include providing \$22 million

00:19:34 --> 00:19:37: in new funding to implement projects at the Salton Sea

00:19:38 --> 00:19:42: in Southern California, \$550 million for domestic water supply projects,

00:19:42 --> 00:19:46: another 25,000,000 for canal improvement projects, and 12.5 million for

00:19:46 --> 00:19:49: emergency drought relief projects for tribes.

00:19:50 --> 00:19:53: So as more information is coming to light about this

00:19:53 --> 00:19:57: with this act that was passed, you know, I would

00:19:57 --> 00:20:00: definitely say just keep an eye out on USB Rs

00:20:00 --> 00:20:00: website.

00:20:00 --> 00:20:03: You can sign up for e-mail notifications or contact them

00:20:03 --> 00:20:04: For more information.

00:20:05 --> 00:20:07: But all and some just to say there's a lot

00:20:08 --> 00:20:11: of federal money coming down right now to support these

00:20:11 --> 00:20:14: types of sustainable water management projects.

00:20:15 --> 00:20:16: Thanks so much Vic.

00:20:19 --> 00:20:22: To support sound policy making, the Water Wise Report recommends

00:20:22 --> 00:20:26: water and land use planning integration, which Waverly is going

00:20:26 --> 00:20:28: to be talking a little bit more about in a

00:20:28 --> 00:20:29: second.

00:20:30 --> 00:20:33: Water loss control AKA stopping leaks.

00:20:34 --> 00:20:37: Water adequacy requirements for developments.

00:20:38 --> 00:20:41: Regional Water reuse to gain the economy of scale.

00:20:43 --> 00:20:48: Conservation oriented water rate structures and tap fees, including lowering

00:20:48 --> 00:20:52: tap fees for water conservation and lowering prices.

00:20:52 --> 00:20:55: Or you know, increasing the unit price of water as

00:20:55 --> 00:20:57: as you increase water use for the rates.

00:20:59 --> 00:21:04: Public demonstration projects for water innovation like water reuse projects.

00:21:05 --> 00:21:11: Public education about water conservation and collaborating across sectors to

00:21:11 --> 00:21:12: address drought.

00:21:13 --> 00:21:16: So with that, I'm going to turn it over to

00:21:16 --> 00:21:19: Waverly to discuss how she sees some of these things

00:21:19 --> 00:21:20: being implemented.

00:21:21 --> 00:21:21: Great.

00:21:21 --> 00:21:22: Thanks, Marianne.

00:21:23 --> 00:21:27: So, you know, I just wanted to speak briefly to

00:21:27 --> 00:21:32: the the opportunities and the need for collaboration.

00:21:32 --> 00:21:34: And, and I think that's why we're all here.

00:21:35 --> 00:21:39: Marianne and the ULI reports really outline what many of

00:21:39 --> 00:21:44: the strategies and opportunities are to become more resilient to

00:21:44 --> 00:21:46: drought and more water wise.

00:21:46 --> 00:21:48: But we can't do it alone.

00:21:49 --> 00:21:52: Every one of us has a role to play, whether

00:21:52 --> 00:21:55: you're in the development community or you're a real estate

00:21:55 --> 00:21:56: professional.

00:21:56 --> 00:22:01: Whether you deal with water resources on a daily basis,

00:22:01 --> 00:22:06: serving municipalities or others and meeting their water needs.

00:22:07 --> 00:22:11: Or whether you are in local government, working in the

00:22:11 --> 00:22:14: public sector as a land use planner or looking at

00:22:14 --> 00:22:19: economic development or parks and open spaces, or whether you're

00:22:19 --> 00:22:20: an elected official.

00:22:20 --> 00:22:24: And so, you know, one of the things that the

00:22:24 --> 00:22:28: Sonoran Institute has seen over the years in working in

00:22:28 --> 00:22:33: integrating water into the way that our communities develop and

00:22:33 --> 00:22:37: grow is that each sector feels that they are only

00:22:37 --> 00:22:42: responsible for one little component and there's not very much

00:22:43 --> 00:22:44: overlap and discussion.

00:22:44 --> 00:22:50: And that's something that by coming together, we're all trying

00:22:50 --> 00:22:54: to kind of breakdown that silo or that barrier around.

00:22:55 --> 00:22:59: And so if you can go to the next slide,

00:22:59 --> 00:23:04: Marianne, what we're trying to break down those silos around

00:23:04 --> 00:23:08: is establishing a new way of thinking and how we

00:23:08 --> 00:23:13: prepare our communities and the way that we develop and

00:23:13 --> 00:23:15: and grow for the future.

00:23:15 --> 00:23:20: And in many ways, that really means moving from the

00:23:20 --> 00:23:26: traditional emphasis on supply side where we are seeking new

00:23:26 --> 00:23:32: water supply and particularly in the West and in the

00:23:32 --> 00:23:38: Colorado River Basin, we are seeing scarcer and scarcer water

00:23:38 --> 00:23:39: resources.

00:23:39 --> 00:23:43: And so we can't necessarily find new supply in order

00:23:43 --> 00:23:45: to meet a growing demand.

00:23:46 --> 00:23:50: What that means is we have to look to creative,

00:23:50 --> 00:23:55: innovative and also tried and true approaches to conserving water,

00:23:55 --> 00:24:00: using it more efficiently, reusing water or using all forms

00:24:00 --> 00:24:05: of water strategically as well as ensuring that we're building

00:24:05 --> 00:24:09: our communities in a way that manages rain and storm

00:24:09 --> 00:24:11: water strategically as well.

00:24:13 --> 00:24:18: And so in order to, to really implement the strategies

00:24:18 --> 00:24:23: that Marianne highlighted above, if you go to the next

00:24:23 --> 00:24:28: slide, Marianne, we we really can identify who plays a

00:24:28 --> 00:24:32: role in what phase of our process, right?

00:24:32 --> 00:24:37: We have the opportunity to work with the public, the

00:24:37 --> 00:24:41: whole community in order to develop a long range plans

00:24:42 --> 00:24:48: around land use and around water, around sustainability that

00:24:48 --> 00:24:53: ensures

00:24:53 --> 00:24:57: that we are meeting our community's values and directing

00:24:58 --> 00:25:02: our

00:25:02 --> 00:25:07: limited water resources towards those values.

00:25:07 --> 00:25:09: We have the opportunity to work with planners and and

00:25:09 --> 00:25:14: water providers to set water smart land use policy in

00:25:14 --> 00:25:19: the public sector.

00:25:19 --> 00:25:21: And likewise, the development and real estate community

00:25:22 --> 00:25:27: has the

00:25:28 --> 00:25:32: opportunity to build into their designs, you know, really water

00:25:32 --> 00:25:37: smart approaches.

00:25:38 --> 00:25:43: We have that collaboration between developers and the

00:25:43 --> 00:25:48: public sector

00:25:48 --> 00:25:53: when we go through a development review process and how

00:25:55 --> 00:25:58: do we talk through those new designs and developments

00:25:58 --> 00:26:02: together.

00:26:02 --> 00:26:06: And finally, how do we engage residents and businesses that

00:26:06 --> 00:26:10: live and work in places that are already built in

00:26:10 --> 00:26:14: ensuring that we are being as water wise as possible.

00:26:14 --> 00:26:19: And if you go to the next slide, Marianne, I'll

00:26:19 --> 00:26:25: just highlight, you know one tool or approach for that

00:26:25 --> 00:26:30: is the Sonoran Institute and the Babbitt Center for Land

00:26:30 --> 00:26:34: and Water Policies Growing Water Smart program.

00:26:34 --> 00:26:35: So what we offer is a collaborative and action oriented

00:26:37 --> 00:26:41: 3 day workshop where communities can bring their land use

00:26:41 --> 00:26:44: planners, water providers, developers, parks, economic

00:26:45 --> 00:26:48: development folks all together

00:26:48 --> 00:26:51: and assess their current conditions, set goals for how they're

00:26:51 --> 00:26:55: going to integrate water into their land use plans and

00:26:55 --> 00:26:58: policies.

00:26:58 --> 00:27:02: Determine what those opportunities look like, talk about how

00:27:02 --> 00:27:06: they're

00:27:06 --> 00:27:10: going to message the importance of this work to their

00:27:10 --> 00:27:14: community, and then develop a 12 month action plan that

00:27:14 --> 00:27:18: they can implement when they go home.

00:27:18 --> 00:27:22: And you know, these steps are steps that any community

00:26:55 --> 00:27:00: could take to really engage on water wise development.
00:27:01 --> 00:27:05: But I'll just highlight that if you are in Colorado,
00:27:05 --> 00:27:08: we currently have an open, open application.
00:27:09 --> 00:27:14: For our May Growing Water Smart Workshop, those are due
00:27:14 --> 00:27:19: March 1st and we're also about to open an application.
00:27:19 --> 00:27:23: For California Growing Water Smart Workshop that'll be in
Southern
00:27:23 --> 00:27:24: California in June.
00:27:24 --> 00:27:27: So if you're at all interested in this or know
00:27:28 --> 00:27:32: someone or community that might be, please refer them to
00:27:32 --> 00:27:37: me or see the website growingwatersmart.org and click on the
representative representative state icon to learn more.
00:27:37 --> 00:27:41: So I think I will pass it back on to
00:27:41 --> 00:27:43: Marianne to take us through some key takeaways and I
00:27:44 --> 00:27:47: look forward to getting into our discussion.
00:27:47 --> 00:27:50: Thank you so much for your relief.
00:27:51 --> 00:27:52: So in terms of key takeaways, what we found is
00:27:53 --> 00:27:56: that the overall lessons learned are that saving water saves
00:27:56 --> 00:28:00: money and generates long term value for real estate assets,
00:28:00 --> 00:28:04: communities and the environment.
00:28:04 --> 00:28:06: And that by working together across sectors on water
00:28:06 --> 00:28:11: conservation,
00:28:11 --> 00:28:16: efficiency and reuse, we can protect our water future despite
00:28:16 --> 00:28:21: projected water shortages, population increases and climate
change.
00:28:21 --> 00:28:23: So there's really a huge urgency to work on these
00:28:23 --> 00:28:26: issues and to work together across sectors, which is why
00:28:26 --> 00:28:29: we created this coalition in the 1st place.
00:28:29 --> 00:28:31: So thank you so much for being here.
00:28:31 --> 00:28:33: With that, we would love to take questions.
00:28:33 --> 00:28:36: And I have all of our contact information here so
00:28:36 --> 00:28:38: that if you would like to reach out to us
00:28:38 --> 00:28:40: separately, you're welcome to.
00:28:40 --> 00:28:44: But with that, yeah, I think Victoria is taking a
00:28:44 --> 00:28:46: look, look at the chat box.
00:28:46 --> 00:28:48: So if you'd like to ask a question, you can
00:28:48 --> 00:28:50: add it to the chat, or you can just unmute
00:28:50 --> 00:28:51: and ask.
00:29:02 --> 00:29:02: OK.
00:29:02 --> 00:29:04: I'll start with a question for Waverly.
00:29:06 --> 00:29:10: Is your growing water smart process similar to helping them
00:29:10 --> 00:29:13: get started with the water action plan?

00:29:13 --> 00:29:15: It seems like the steps are really similar.

00:29:15 --> 00:29:18: You know, have you looked at the water action plan

00:29:18 --> 00:29:21: from the Energy Star guidelines or how do you guys

00:29:21 --> 00:29:22: interface with that?

00:29:24 --> 00:29:25: Yeah, that's a great question.

00:29:25 --> 00:29:30: When you were going through that slide in that process,

00:29:30 --> 00:29:34: there are a lot of similarities and I think the

00:29:34 --> 00:29:38: the key to planning is making sure that you are

00:29:38 --> 00:29:43: utilizing the right steps that make sense for the the

00:29:43 --> 00:29:47: outcomes that you're trying to achieve and who you want

00:29:48 --> 00:29:48: involved.

00:29:48 --> 00:29:52: And so I think the main thing is, is ensuring

00:29:52 --> 00:29:57: that you can work off of maybe some existing processes

00:29:57 --> 00:29:58: and templates.

00:29:59 --> 00:30:02: But if you find that you need you know more

00:30:02 --> 00:30:06: meetings or you know more specific outcomes that you can

00:30:06 --> 00:30:10: build that into your process and to make it a

00:30:10 --> 00:30:13: plan that is action oriented and implementable.

00:30:15 --> 00:30:15: Excellent.

00:30:15 --> 00:30:18: So it seems like starting with the workshop would be

00:30:18 --> 00:30:22: really helpful for, you know, creating your water action plan

00:30:22 --> 00:30:24: and then you can iterate it over time, yes.

00:30:24 --> 00:30:30: And it's helpful to assess and integrate multiple plans

00:30:30 --> 00:30:30: together,

00:30:30 --> 00:30:30: right?

00:30:30 --> 00:30:33: You know, maybe you have a water action plan or

00:30:33 --> 00:30:36: you have a water efficiency plan or water supply plan,

00:30:36 --> 00:30:40: and you have a comprehensive plan, and they're not

00:30:40 --> 00:30:41: necessarily

00:30:40 --> 00:30:41: saying the same things.

00:30:41 --> 00:30:45: And so kind of taking the time to assess and

00:30:45 --> 00:30:49: then identify opportunities and implement them is is valuable.

00:30:52 --> 00:30:54: I see a, a question in the chat box and

00:30:54 --> 00:30:56: then I'll, I'll get to your question.

00:30:56 --> 00:30:59: Kevin and Carol asks how do we identify developers to

00:30:59 --> 00:31:02: work with perhaps at the state level?

00:31:03 --> 00:31:05: And I would say that's an excellent reason to be

00:31:05 --> 00:31:06: part of this coalition.

00:31:06 --> 00:31:08: And you're welcome to e-mail me.

00:31:09 --> 00:31:12: We have quite a few developers and the ULA network

00:31:12 --> 00:31:14: and we can introduce you to some.

00:31:16 --> 00:31:17: So hopefully that's helpful to you.

00:31:18 --> 00:31:20: And you can also reach out to, I think there

00:31:20 --> 00:31:24: are state departments who know a lot of developers and
00:31:24 --> 00:31:27: also local municipalities know their local developers.
00:31:27 --> 00:31:30: So you can also tap your local networks to see,
00:31:30 --> 00:31:33: you know, who's who's really doing the best practices And
00:31:33 --> 00:31:36: can we talk to them and, and work with them
00:31:36 --> 00:31:39: to figure out the incentive programs that will work.
00:31:39 --> 00:31:41: But that's another reason why we have the coalition is
00:31:41 --> 00:31:42: to figure those things out together.
00:31:43 --> 00:31:44: Thank you.
00:31:45 --> 00:31:46: Hey, Kevin.
00:31:49 --> 00:31:53: Hey, I got a question for Waverly about that growing
00:31:53 --> 00:31:57: water smart workshop now in Texas, we're clearly not in
00:31:57 --> 00:31:59: the Colorado, well Western Colorado basin.
00:32:01 --> 00:32:04: So would that, I'm trying to imagine how that might
00:32:04 --> 00:32:08: be possible in Texas where you would it be possible,
00:32:08 --> 00:32:12: you know, to get enough utilities together to have such
00:32:12 --> 00:32:13: a workshop?
00:32:15 --> 00:32:17: Is that how it might work in Texas?
00:32:18 --> 00:32:19: Great question.
00:32:19 --> 00:32:24: So you're right, we have not worked in Texas before.
00:32:25 --> 00:32:28: However, you know our model, you know is something that
00:32:28 --> 00:32:31: I'd be happy to talk with you more about.
00:32:32 --> 00:32:37: We typically have a growing water smart workshop that is
00:32:37 --> 00:32:40: comprised of four to six community teams.
00:32:40 --> 00:32:44: And each of those teams brings, you know, 5 to
00:32:44 --> 00:32:48: 8 participants that that follow that range of subject matter
00:32:48 --> 00:32:53: experts, you know, whether they're planners or water
00:32:53 --> 00:32:54: providers or
00:32:53 --> 00:32:54: elected officials.
00:32:56 --> 00:33:00: And so then each of those teams goes through the
00:33:00 --> 00:33:04: sort of 2 1/2 days of work sessions and also
00:33:04 --> 00:33:05: plenary sessions.
00:33:05 --> 00:33:09: And it's a, it's a model that we have employed
00:33:09 --> 00:33:14: in eight separate workshops in Colorado and in three in
00:33:14 --> 00:33:15: Arizona.
00:33:15 --> 00:33:17: And so we are expanding our geography.
00:33:17 --> 00:33:19: So I'd be happy to talk with you more.
00:33:19 --> 00:33:19: Great.
00:33:21 --> 00:33:21: Thanks.
00:33:24 --> 00:33:25: And do do you want to unmute to ask your
00:33:25 --> 00:33:27: question or you want me to ask it for you?
00:33:31 --> 00:33:32: So Anne, put in the chat box.

00:33:32 --> 00:33:35: Are you aware, aware of any water smart developments that
00:33:35 --> 00:33:36: are affordable?
00:33:36 --> 00:33:39: And I would say, you know, saving water saves money.
00:33:39 --> 00:33:41: So you know, they should be linked.
00:33:42 --> 00:33:45: The 8 case studies that we included in the Water
00:33:45 --> 00:33:49: Wise report, I don't think that they were necessarily capital
00:33:49 --> 00:33:52: A affordable, but I do think some of them include
00:33:52 --> 00:33:53: affordable units.
00:33:54 --> 00:33:57: So like Sterling Ranch I think has some affordable units.
00:33:57 --> 00:34:02: Civitas might include some affordable units, but I think you
00:34:02 --> 00:34:07: know any affordable place should include water efficiency,
water efficient
00:34:07 --> 00:34:11: fixtures to just reduce costs so that they can pass
00:34:11 --> 00:34:14: on those savings to their end users.
00:34:16 --> 00:34:17: Hi, Marianne, this is Brock.
00:34:17 --> 00:34:22: We're doing our first quote affordable deal this coming year
00:34:22 --> 00:34:27: and then we'll have more on the multi family affordable
00:34:27 --> 00:34:27: side.
00:34:28 --> 00:34:29: Thank you, Brock.
00:34:29 --> 00:34:32: So Brock is the developer of Sterling Ranch, which I
00:34:32 --> 00:34:33: just mentioned.
00:34:34 --> 00:34:35: Yay Brock.
00:34:36 --> 00:34:42: Thanks for joining And Lindsay put in our U and
00:34:43 --> 00:34:46: I member directory link.
00:34:46 --> 00:34:49: You do need to be a member, I think to
00:34:49 --> 00:34:53: access that directory, but if you're a public sector member,
00:34:53 --> 00:34:57: you get 50% off U and I membership, so encourage
00:34:57 --> 00:34:59: you to take advantage of that.
00:35:04 --> 00:35:05: Any other questions?
00:35:08 --> 00:35:11: I'll just mention that Laura from the City of Thornton
00:35:11 --> 00:35:15: put in a link to Caraway Apartments that maybe as
00:35:15 --> 00:35:19: a response to that question about affordable developments.
00:35:21 --> 00:35:21: Thank you, Laura.
00:35:22 --> 00:35:22: Thanks, Moberly.
00:35:23 --> 00:35:23: Brock, you have a question.
00:35:24 --> 00:35:29: Yeah, this has less to do with necessarily indoor or
00:35:29 --> 00:35:31: outdoor water efficiency.
00:35:31 --> 00:35:35: But you know, you look at there's an article in
00:35:35 --> 00:35:41: the Wall Street Journal editorial page today about water
storage
00:35:41 --> 00:35:48: and how California's desperately short, Colorado is also
desperately short.
00:35:48 --> 00:35:52: Is there any intent focus on that with any of

00:35:52 --> 00:35:56: the kind of water smart development in terms of building
00:35:56 --> 00:36:00: offline water storage in a regional manner?
00:36:04 --> 00:36:05: I'm going to look to my partners.
00:36:06 --> 00:36:07: We really do, you know.
00:36:09 --> 00:36:14: Well, I know that storage is definitely addressed in the
00:36:14 --> 00:36:17: updated Colorado Water Plan and I and I know that
00:36:18 --> 00:36:20: it is identified as a need.
00:36:21 --> 00:36:25: I'm not sure whether it goes down to the level
00:36:25 --> 00:36:29: of like individual developments water storage, but it is a
00:36:29 --> 00:36:31: great question.
00:36:31 --> 00:36:36: Potentially a way to extend that strategy further to the
00:36:36 --> 00:36:40: more of the micro scale, but I'm not sure if
00:36:41 --> 00:36:45: maybe folks from CWCB or anyone is on the line
00:36:45 --> 00:36:49: that might be able to address storage.
00:36:51 --> 00:36:53: Hey, Waverly, this is this is Kevin.
00:36:53 --> 00:36:53: Can you guys hear me?
00:36:55 --> 00:36:57: I, I'm on the line, but I don't think I'm
00:36:57 --> 00:36:57: gonna address it.
00:36:57 --> 00:37:02: So I don't really know what the plan is for
00:37:02 --> 00:37:02: that.
00:37:03 --> 00:37:05: It's definitely more of a local thing.
00:37:05 --> 00:37:08: But you know, some of the projects that I'm, you
00:37:08 --> 00:37:12: know, working on are, you know, more rain water harvesting
00:37:12 --> 00:37:15: as Brock knows about as well as storm water use
00:37:15 --> 00:37:16: and capture as well.
00:37:16 --> 00:37:19: And looking at how that can kind of play enroll
00:37:19 --> 00:37:21: in some of the supply things.
00:37:21 --> 00:37:22: So, but I'm not really sure.
00:37:22 --> 00:37:25: I don't have a really good answer for storage projects
00:37:25 --> 00:37:26: to be honest.
00:37:30 --> 00:37:30: Great.
00:37:30 --> 00:37:30: Thanks, Kevin.
00:37:31 --> 00:37:34: Yeah, as we've really mentioned in the presentation, we do
00:37:34 --> 00:37:37: see, you know, movement away from supply side thinking to
00:37:38 --> 00:37:41: demand management thinking because it's way more cheap,
00:37:41 --> 00:37:46: it's way
00:37:41 --> 00:37:46: cheaper, it's way more environmentally friendly, You're not
00:37:46 --> 00:37:47: stealing water
00:37:46 --> 00:37:47: from other places.
00:37:48 --> 00:37:50: It just makes a lot more sense in a lot
00:37:50 --> 00:37:51: of ways.
00:37:53 --> 00:37:56: So someone asked how do you join ULII Think you

00:37:56 --> 00:37:59: just go to join.uli.org or you can Google join ULI
00:37:59 --> 00:38:01: and I'll take you right there.
00:38:02 --> 00:38:04: And it has information on pricing and like if what
00:38:05 --> 00:38:08: sector you're in, you get different pricing, things like that.
00:38:08 --> 00:38:12: And you can also just e-mail membership at uli.org and
00:38:12 --> 00:38:14: they can let you know more information.
00:38:16 --> 00:38:20: Scott asked what was the most common challenge you ran
00:38:20 --> 00:38:25: across for developers who were seeking to incorporate best
management
00:38:25 --> 00:38:29: practices for water wise development that may have run up
00:38:29 --> 00:38:32: against existing local or state policies.
00:38:33 --> 00:38:34: I'm actually going to turn this over to Brock.
00:38:35 --> 00:38:41: Brock, are you still there common challenge that you ran
00:38:41 --> 00:38:47: across while trying to implement water wise development?
00:38:47 --> 00:38:49: Because I know you had quite a few.
00:38:56 --> 00:39:01: I'd say some of its regulatorily challenge.
00:39:01 --> 00:39:03: So I'll use an example.
00:39:03 --> 00:39:05: So I know Kevin, you're on with CWCB.
00:39:06 --> 00:39:11: When the state updated our storm water legislation in 2018,
00:39:11 --> 00:39:14: it made so it used to be if we create
00:39:14 --> 00:39:20: impervious surface and then build stormwater detention
ponds under a
00:39:20 --> 00:39:25: rainwater harvesting application, we'd be able to use that
rainwater
00:39:25 --> 00:39:27: harvesting for that story.
00:39:27 --> 00:39:31: But stormwater detention pond as a a storage vessel for
00:39:31 --> 00:39:36: rainwater harvesting, that's no longer the case with this
change
00:39:36 --> 00:39:37: in legislation.
00:39:37 --> 00:39:39: So we'll actually be back in the legislature this year
00:39:39 --> 00:39:40: to clarify that.
00:39:41 --> 00:39:44: Otherwise you'd have to build underground cisterns that are
price
00:39:44 --> 00:39:46: prohibited for to actually use rainwater harvesting.
00:39:49 --> 00:39:53: And so that's been a challenge is that you not
00:39:53 --> 00:39:58: necessarily sometimes the left hand isn't back in the right
00:39:58 --> 00:40:01: hand and then the second is up until this past
00:40:02 --> 00:40:07: year, CDPHE power department, health and environment
had not really.
00:40:10 --> 00:40:13: I guess had had really tried to limit the amount
00:40:13 --> 00:40:17: of direct potable reuse or indirect potable reuse at the
00:40:17 --> 00:40:21: supply side and that's changed and that's kind of a
00:40:21 --> 00:40:22: game changer for our state.

00:40:23 --> 00:40:26: I think there's one step that the average acre foot
00:40:26 --> 00:40:29: of water is used like 6 times over on the
00:40:29 --> 00:40:31: S Platte River basin.
00:40:31 --> 00:40:34: So you know, we, we are, we were doing it
00:40:34 --> 00:40:35: beforehand.
00:40:35 --> 00:40:38: It's just now there's there's better rules and rags around
00:40:38 --> 00:40:40: how you can do that at a municipal scale.
00:40:43 --> 00:40:44: Excellent.
00:40:44 --> 00:40:44: Thank you, Brock.
00:40:45 --> 00:40:49: I do think that the local policies really influence what
00:40:49 --> 00:40:50: can be done.
00:40:50 --> 00:40:52: And so I think if you're a part of a
00:40:52 --> 00:40:56: local municipality that's looking at your policies and
incentives and
00:40:56 --> 00:41:00: regulations, taking a growing water smart workshop through
the Snort
00:41:00 --> 00:41:02: Institute would be really helpful.
00:41:03 --> 00:41:05: Also being part of this coalition so that we can
00:41:05 --> 00:41:09: discuss, OK, what policies are really working, what policies
are
00:41:09 --> 00:41:11: hindering water smart development.
00:41:11 --> 00:41:12: I think all of that would be really helpful.
00:41:17 --> 00:41:19: Russ, do you want to unmute and just mention what
00:41:19 --> 00:41:21: you just put a comment about?
00:41:22 --> 00:41:23: Sure.
00:41:23 --> 00:41:23: Yeah.
00:41:23 --> 00:41:25: And sorry, stay off camera.
00:41:25 --> 00:41:28: But yeah, in general, kind of as Kevin noted, we
00:41:28 --> 00:41:31: talked about because the water plan is really focused on
00:41:31 --> 00:41:35: a statewide scale or basin scale, we don't really get
00:41:35 --> 00:41:36: down to the opportunities.
00:41:36 --> 00:41:39: I think we do know kind of just the benefits
00:41:39 --> 00:41:41: of distributed storage and and the broad context.
00:41:41 --> 00:41:44: So that could be kind of more in the natural
00:41:44 --> 00:41:46: environment where it could just be, you know, the
recognizing
00:41:46 --> 00:41:49: that we might need more nimble smaller storage projects
across
00:41:49 --> 00:41:50: the state.
00:41:50 --> 00:41:52: All of that obviously has to be done within the
00:41:52 --> 00:41:55: context of Colorado water law, but we probably don't get
00:41:55 --> 00:41:56: down to that level.
00:41:56 --> 00:41:59: At the same time, I would argue just to the

00:41:59 --> 00:42:02: thrust of this entire conversation and we, we certainly double
00:42:03 --> 00:42:06: down on water conservation and I think really try to
00:42:06 --> 00:42:09: broaden that out to 1 water thinking, which in the
00:42:09 --> 00:42:12: context of the water plan, we've really defined or branded
00:42:12 --> 00:42:16: as that kind of Nexus of alternative water supplies, conserved
00:42:16 --> 00:42:20: water, water conservation and efficiency and landscape
codes and regulations.

00:42:20 --> 00:42:23: So all of that kind of combined, which would encompass
00:42:23 --> 00:42:26: green infrastructure really speaks to how water moves across
the
00:42:27 --> 00:42:29: landscape, how it's captured, used and reused.
00:42:30 --> 00:42:31: So within the context of water law, I mean, I
00:42:31 --> 00:42:34: think that's certainly something that we promote and would
support
00:42:34 --> 00:42:35: pursuing.
00:42:35 --> 00:42:35: Excellent.
00:42:37 --> 00:42:38: Thank you.
00:42:38 --> 00:42:38: Russ.
00:42:41 --> 00:42:43: Mike had a question in the chat.
00:42:44 --> 00:42:47: Building builders are facing exorbitant tap fees out West.
00:42:47 --> 00:42:50: Is there work being done on the development of incentives
00:42:51 --> 00:42:54: for efficiency in exchange for a reduction in those fees?
00:42:54 --> 00:42:58: And yes, I don't know if anyone from Western resource
00:42:58 --> 00:43:01: advocates is on the line, but they have done great
00:43:02 --> 00:43:06: work on conservation oriented tap fees or there's another
word
00:43:06 --> 00:43:09: for it, but I'm forgetting what that is.
00:43:09 --> 00:43:12: But basically you reduce the tap fee in exchange for
00:43:12 --> 00:43:14: water conservation, which is wonderful.
00:43:14 --> 00:43:16: And I think if you if you want to learn
00:43:16 --> 00:43:19: more, they have an excellent report on this subject.
00:43:20 --> 00:43:20: Thanks, Marianne.
00:43:20 --> 00:43:21: I'll put.
00:43:21 --> 00:43:24: The link to that report in the chat and this
00:43:24 --> 00:43:27: is a report that we are hoping to update with
00:43:27 --> 00:43:30: additional case studies in the coming year and also offer
00:43:30 --> 00:43:33: some additional workshops and support on.
00:43:34 --> 00:43:35: Thank you, Lindsey.
00:43:35 --> 00:43:36: I don't know if you want to add anything to
00:43:36 --> 00:43:37: what I said.
00:43:38 --> 00:43:40: No, that was great synopsis, appreciate it.
00:43:41 --> 00:43:42: Thanks Lindsey.
00:43:45 --> 00:43:47: Alan, do you want to unmute?

00:43:49 --> 00:43:52: MLS real estate listings could do a better job identifying
00:43:52 --> 00:43:54: water efficient properties.
00:43:54 --> 00:43:57: This could be used for both research and broker buyer
00:43:57 --> 00:43:59: sorts to understand additional opportunities.
00:43:59 --> 00:44:02: How can the MLS organization be better engaged in the
00:44:02 --> 00:44:03: water issue?
00:44:04 --> 00:44:05: That is a great question.
00:44:08 --> 00:44:09: Does anyone have any thoughts on that?
00:44:09 --> 00:44:12: I, I don't deal as much with MLS, but I
00:44:12 --> 00:44:16: do know that water risk, risk factor, pro and risk
00:44:16 --> 00:44:21: factor have more and more resilient related issues
incorporated onto
00:44:21 --> 00:44:23: sites like Redfin and Zillow.
00:44:25 --> 00:44:28: I know that's not MLS but sort of related.
00:44:28 --> 00:44:29: Frank, did you have a comment?
00:44:30 --> 00:44:30: Yeah.
00:44:30 --> 00:44:33: A few years ago, the Green Building Coalition and a
00:44:33 --> 00:44:37: few others worked to update what's called a Green features
00:44:37 --> 00:44:40: addendum to the MLS listing, and it had to be
00:44:40 --> 00:44:43: adopted by the MLS entity that was representing the
particular
00:44:43 --> 00:44:44: region.
00:44:44 --> 00:44:46: But it included a bunch of ways to signify if
00:44:46 --> 00:44:51: you had energy or water efficiency, including insulation,
renewable energy,
00:44:51 --> 00:44:55: Energy Star, windows and appliances, water sense fixtures,
and you
00:44:55 --> 00:44:57: can kind of highlight those.
00:44:57 --> 00:45:00: It didn't always translate into the listing because it required
00:45:00 --> 00:45:03: the agent to put that information into the listing itself.
00:45:04 --> 00:45:06: But the goal was to represent the value you gained
00:45:06 --> 00:45:09: through the investment of efficiency into your house and to
00:45:09 --> 00:45:13: differentiate yourself, differentiate yourself from the the rest
of the
00:45:13 --> 00:45:14: housing stock.
00:45:14 --> 00:45:17: I'm not quite up to date on what the status
00:45:17 --> 00:45:19: of its implementation is, at least in Colorado.
00:45:20 --> 00:45:20: Excellent.
00:45:20 --> 00:45:21: Thank you, Frank.
00:45:23 --> 00:45:25: Erin and or Jonah, did you want to add to
00:45:25 --> 00:45:27: that or do you have another question?
00:45:28 --> 00:45:32: This is Aaron Bordel and I'm sorry I just jumped
00:45:32 --> 00:45:36: on, but I did want to pass on some information.

00:45:36 --> 00:45:38: I had a call, I'm with Dr.
00:45:38 --> 00:45:41: Horton, the National sustainability manager.
00:45:41 --> 00:45:45: But I had a call with Fannie Mae, their green
00:45:45 --> 00:45:50: MBS green mortgage-backed security team last week and
they did.
00:45:51 --> 00:45:57: They are looking at opportunities to value and to basically
00:45:57 --> 00:46:03: increase water efficiency in both single and multi family
properties
00:46:03 --> 00:46:08: and, and wanted me to pass on that the month.
00:46:08 --> 00:46:12: Their side from the money part, they are interested in
00:46:12 --> 00:46:15: water efficiency and whatever we can do to help as
00:46:15 --> 00:46:20: an industry support that, whether it's certifications or
advocacy would
00:46:20 --> 00:46:21: be very helpful.
00:46:27 --> 00:46:27: Excellent.
00:46:27 --> 00:46:28: Thank you, Aaron.
00:46:29 --> 00:46:29: Jonah.
00:46:31 --> 00:46:32: Thanks, Marianne.
00:46:32 --> 00:46:35: Yeah, I want to pick up on the MLS question.
00:46:36 --> 00:46:39: And as a lot of you probably know, it's not
00:46:39 --> 00:46:43: an MLS organization, it's MLS organizations in the
thousands.
00:46:44 --> 00:46:47: So it's definitely an uphill battle, but there are some
00:46:48 --> 00:46:51: efforts to to, to concentrate that information and make it
00:46:51 --> 00:46:54: a little bit more digestible in water sense.
00:46:54 --> 00:46:57: We've we've committed, we haven't done it yet, but we
00:46:57 --> 00:47:01: have made the commitment to the Green Building registry
that
00:47:01 --> 00:47:05: they will in the near future, future water Sense labeled
00:47:05 --> 00:47:05: homes.
00:47:06 --> 00:47:08: So if a home is is labeled through the water
00:47:08 --> 00:47:10: Sense program, we already feature it on multifamily
properties.
00:47:10 --> 00:47:14: So if a property gets the EPA water score through
00:47:14 --> 00:47:17: Energy Star portfolio manager that is listed in the Green
00:47:17 --> 00:47:18: building registry.
00:47:19 --> 00:47:23: And they have a lot of organizations with the individual
00:47:23 --> 00:47:28: MLS, both the aggregators who provide that service for
various
00:47:28 --> 00:47:32: MLSS across the country as well as available to individual
00:47:32 --> 00:47:34: local listing services.
00:47:35 --> 00:47:37: So as I said, it's, I think we all, you
00:47:37 --> 00:47:41: know, recognize the, the power of getting that information
into

00:47:41 --> 00:47:42: consumers hands.

00:47:42 --> 00:47:46: Unfortunately, you know, MLS is just a kind of messy,

00:47:46 --> 00:47:49: complicated world to, to, to, to work in.

00:47:49 --> 00:47:52: But slowly but surely, we're we're making some progress with

00:47:52 --> 00:47:52: it.

00:47:54 --> 00:47:57: Thank you, Jonah Jocelyn.

00:48:01 --> 00:48:01: Hey there.

00:48:01 --> 00:48:03: I'm going to take us in a slightly different direction

00:48:03 --> 00:48:04: with my question.

00:48:04 --> 00:48:07: I think although really good to hear all about the

00:48:07 --> 00:48:08: MLS progress.

00:48:09 --> 00:48:11: One of the things that we found, I'm with Colorado

00:48:11 --> 00:48:14: State University and we just completed our hydro building as

00:48:14 --> 00:48:16: part of our sport campus, which has a number of

00:48:16 --> 00:48:18: 1 water approaches in it.

00:48:18 --> 00:48:21: And one of the things that we found to be

00:48:21 --> 00:48:24: a bit challenging was finding the expertise or knowing what

00:48:24 --> 00:48:27: language to put in RFPs for some of the newer

00:48:27 --> 00:48:31: one water approaches that requires some different

00:48:32 --> 00:48:35: engineering.

00:48:32 --> 00:48:35: And they also can be a little bit more expensive,

00:48:35 --> 00:48:38: especially if you're dual plumbing at least a portion if

00:48:39 --> 00:48:40: not all of your building.

00:48:40 --> 00:48:43: So one of the things that might be helpful to

00:48:43 --> 00:48:45: have as part of the sort of running list of

00:48:45 --> 00:48:48: ways that this network might be able to help us

00:48:48 --> 00:48:50: on language for RFPs or list of folks with good

00:48:50 --> 00:48:54: expertise to help with the engineering side of things in

00:48:54 --> 00:48:57: addition to funding sources for one water approaches the

00:48:57 --> 00:48:58: building

00:48:57 --> 00:48:58: scale.

00:48:59 --> 00:49:00: Excellent point.

00:49:00 --> 00:49:01: Thank you, Jocelyn.

00:49:02 --> 00:49:03: And I'm excited to see the hydro building.

00:49:03 --> 00:49:04: Yeah.

00:49:04 --> 00:49:05: You should come check us out.

00:49:05 --> 00:49:06: We opened ten days ago.

00:49:07 --> 00:49:08: Yeah, I'm excited about it.

00:49:10 --> 00:49:14: OK, Jenna, put in the chat box to add on

00:49:14 --> 00:49:16: to Peter's thought.

00:49:16 --> 00:49:20: For large properties, if a certain meter size or allocation

00:49:20 --> 00:49:24: of water is purchased, this should be disclosed so a

00:49:24 --> 00:49:27: buyer knows what they can do with the property.

00:49:27 --> 00:49:30: Too often did I come across customers who didn't have
00:49:30 --> 00:49:32: the correct infrastructure in place for what they purchased a
00:49:32 --> 00:49:33: property for.
00:49:34 --> 00:49:39: That's an excellent point, Kevin.
00:49:39 --> 00:49:40: Do you want to unmute?
00:49:42 --> 00:49:42: Sure.
00:49:44 --> 00:49:46: I was just saying, Jocelyn, I'm going to I'm on
00:49:46 --> 00:49:48: A1 water call after this with the Denver 1 Water
00:49:48 --> 00:49:48: Plan group.
00:49:49 --> 00:49:52: I'm not sure if you're, I know you've probably been
00:49:52 --> 00:49:55: to those meetings, but that's something that we've talked
about
00:49:55 --> 00:49:58: I think in the past about just trying to kind
00:49:58 --> 00:50:01: of bridge that gap between the public and the private
00:50:01 --> 00:50:04: and what it looks like to be an RFP, what
00:50:04 --> 00:50:06: kind of language and everything else.
00:50:06 --> 00:50:08: So I can bring that up again and, and see
00:50:08 --> 00:50:10: where that fits into the whole group.
00:50:10 --> 00:50:12: We're still kind of going through implementation stuff now.
00:50:12 --> 00:50:17: So that might be something that Dottie's already working on
00:50:17 --> 00:50:20: and it would be, might be nice to share.
00:50:20 --> 00:50:22: So I'll see what they what they have to say.
00:50:23 --> 00:50:23: Wonderful.
00:50:23 --> 00:50:23: Thanks.
00:50:23 --> 00:50:25: Yeah, we were a part of that conversation early on,
00:50:25 --> 00:50:27: but haven't been part of the One Water group in
00:50:27 --> 00:50:28: a bit.
00:50:28 --> 00:50:29: We'd love to get looped back in if it's appropriate.
00:50:30 --> 00:50:30: Thanks.
00:50:31 --> 00:50:32: Excellent.
00:50:32 --> 00:50:34: And I do want to create like a running list
00:50:34 --> 00:50:37: of things that people are interested in pursuing and maybe
00:50:37 --> 00:50:40: we can share resources and things like that through the
00:50:40 --> 00:50:41: coalition.
00:50:41 --> 00:50:43: So if it is already being developed, excellent, we can
00:50:44 --> 00:50:44: share that resource.
00:50:47 --> 00:50:50: And Mike asks, are there any developers or builders using
00:50:50 --> 00:50:54: water demand calculator to help reduce the water main
coming
00:50:54 --> 00:50:55: into the new home?
00:50:58 --> 00:50:59: I don't know.
00:50:59 --> 00:51:00: Does anyone know?

00:51:01 --> 00:51:02: Jonah, do you know?
00:51:05 --> 00:51:07: Thanks developers.
00:51:07 --> 00:51:08: No, I don't.
00:51:08 --> 00:51:11: The the best I can tell you is I'm aware
00:51:11 --> 00:51:15: of a handful of individual projects that have that have
00:51:15 --> 00:51:18: used the the water demand calculator.
00:51:19 --> 00:51:22: I do not know of any that have been successful
00:51:22 --> 00:51:25: in then convincing the the the water provider that they
00:51:25 --> 00:51:28: can reduce the size of the water of the, excuse
00:51:28 --> 00:51:30: me, of the supply line or the, or the water
00:51:31 --> 00:51:31: meter.
00:51:31 --> 00:51:34: So I think it's another good example of how we
00:51:34 --> 00:51:36: have the data, we have the know how we have
00:51:36 --> 00:51:39: the information, but we need to sort of get all
00:51:39 --> 00:51:42: the parties talking to each other and speaking the same
00:51:42 --> 00:51:45: language so that we can really realize the full benefits
00:51:45 --> 00:51:46: of efficiency.
00:51:46 --> 00:51:49: So I wish I could give you a great example
00:51:49 --> 00:51:50: of that of that Mike.
00:51:52 --> 00:51:54: But you know, unfortunately all I can do is say
00:51:54 --> 00:51:57: it's, I think it's another example of why we need
00:51:57 --> 00:51:59: these types of of coalitions where we have all the
00:51:59 --> 00:52:01: parties speaking to each other.
00:52:02 --> 00:52:03: This is Brock I've heard of.
00:52:04 --> 00:52:09: So our own tap fees are repeat.
00:52:10 --> 00:52:13: There's kind of two different categories for these simple
00:52:13 --> 00:52:13: subdivided
00:52:13 --> 00:52:18: properties.
00:52:13 --> 00:52:18: So for sale property you're starting to see like Castle
00:52:18 --> 00:52:21: Rock offers a 5/8 tap instead of a three quarter
00:52:21 --> 00:52:26: inch tap based on if you implement certain water
00:52:26 --> 00:52:30: conservation
00:52:26 --> 00:52:30: measures and then reduce your your connection fee for this
00:52:30 --> 00:52:33: new asset class of bill to rent.
00:52:33 --> 00:52:39: We're seeing developers do you know, effectively a condo
00:52:39 --> 00:52:45: flat
00:52:39 --> 00:52:45: and effectively they will determine how much they actually
00:52:45 --> 00:52:51: need
00:52:45 --> 00:52:51: to serve an efficient, you know, effectively at this point
00:52:51 --> 00:52:55: it's an apartment tilted on its side.
00:52:55 --> 00:52:58: So if you have no fishing bungalow per SE or
00:52:58 --> 00:53:01: town home, they'll do 1 water main connection, let's say
00:53:01 --> 00:53:04: like a 2 inch and then do smaller laterals coming

00:53:04 --> 00:53:06: off of that through their site.

00:53:07 --> 00:53:11: So we are seeing those kinds of differentiations in the

00:53:11 --> 00:53:16: marketplace between you know traditional three quarter inch tap on

00:53:16 --> 00:53:19: each home changing kind of based on changes in the

00:53:19 --> 00:53:23: marketplace I guess or or how bills rent and single

00:53:23 --> 00:53:25: family homes for rent are shaking out.

00:53:25 --> 00:53:29: And we do see that same phenomenon too with multi

00:53:29 --> 00:53:32: family apartments so, well, unique.

00:53:36 --> 00:53:36: Excellent.

00:53:38 --> 00:53:42: Thank you all for contributing your expertise and knowledge to

00:53:42 --> 00:53:42: these.

00:53:44 --> 00:53:47: Laura, it looks like your question was answered by Mike.

00:53:48 --> 00:53:51: Does anyone have any final questions before we move on

00:53:51 --> 00:53:53: to a programming discussion for the Coalition?

00:53:55 --> 00:53:58: All right, I'm going to move on and if you

00:53:58 --> 00:54:02: have further questions, feel free to keep using the chat

00:54:02 --> 00:54:03: box as you are.

00:54:07 --> 00:54:12: So through this coalition, there's going to be abundant opportunities

00:54:12 --> 00:54:16: to learn from each other, from experts in the field,

00:54:16 --> 00:54:19: to network with each other and to help advance water

00:54:19 --> 00:54:20: smart development.

00:54:21 --> 00:54:24: To do that, we we need to think through, OK,

00:54:24 --> 00:54:26: who do we want to bring in as speakers?

00:54:26 --> 00:54:28: What subjects do we want to cover?

00:54:29 --> 00:54:32: Do we want to do group work and brainstorming on

00:54:32 --> 00:54:34: specific subjects?

00:54:35 --> 00:54:37: And in general, what does success look like for this

00:54:37 --> 00:54:38: group?

00:54:38 --> 00:54:41: In general, our goal is to advance Watersmart real estate

00:54:41 --> 00:54:43: development and supportive policies.

00:54:44 --> 00:54:46: But within that we can accomplish quite a bit.

00:54:46 --> 00:54:50: I mean, there's all these different avenues like MLS or

00:54:50 --> 00:54:53: tap fees, things like that, that we could go down

00:54:53 --> 00:54:56: that I think would be really helpful for the whole

00:54:56 --> 00:54:58: sector of of land use.

00:54:58 --> 00:55:02: And you know, we have quarterly calls online, but we

00:55:02 --> 00:55:06: can schedule them for times that work for you.

00:55:06 --> 00:55:09: So I'm wondering if this time works for folks, maybe

00:55:09 --> 00:55:12: we can keep this time and just place it quarterly.

00:55:13 --> 00:55:16: Maybe that's a good opportunity to unmute and or just

00:55:16 --> 00:55:19: put in the chat box if that works for you
00:55:19 --> 00:55:19: or not.
00:55:20 --> 00:55:22: If not, then we'll have to do a whole another
00:55:22 --> 00:55:22: doodle poll.
00:55:23 --> 00:55:26: If it does work, we can just use this time
00:55:26 --> 00:55:29: and just repeat it so that you know when we're
00:55:29 --> 00:55:30: meeting every quarter.
00:55:31 --> 00:55:33: Does anyone have any thoughts on that?
00:55:36 --> 00:55:37: We can come back to this as well.
00:55:38 --> 00:55:42: And before we dive into programming discussion, I wanted to
00:55:42 --> 00:55:45: show you some of the survey results from people as
00:55:45 --> 00:55:46: you signed up for the coalition.
00:55:47 --> 00:55:51: So these are some of the topics that people are
00:55:51 --> 00:55:57: interested in, how groups are developing innovative water
systems, how
00:55:57 --> 00:56:02: to market and implement water smart systems, policy
regulations and
00:56:02 --> 00:56:09: incentives that support water smart developments, local
codes, strategies for
00:56:09 --> 00:56:14: gaining elected official buy in water pricing and equity, the
00:56:14 --> 00:56:19: Nexus between water wise and fire wise, landscaping, and I'll
00:56:19 --> 00:56:21: just add developments.
00:56:23 --> 00:56:27: And then we had some great people sharing their expertise
00:56:27 --> 00:56:30: and we'd love to hear from them.
00:56:30 --> 00:56:34: Jonah, with Watersense, we have someone from water
efficiency rating
00:56:34 --> 00:56:37: score or words, I don't know if that's how you
00:56:37 --> 00:56:38: pronounce it.
00:56:38 --> 00:56:41: Development group, They have this excellent tool.
00:56:42 --> 00:56:43: Sonoran Institute.
00:56:44 --> 00:56:48: Brendel Group, Colorado's Department of Local Affairs has a
Colorado
00:56:48 --> 00:56:51: Water and Land Use Planning Alliance that could share tools,
00:56:51 --> 00:56:53: resources and opportunities.
00:56:54 --> 00:56:57: Someone from the Wharton School is doing a research
project
00:56:57 --> 00:57:00: on how water policies in the Front Range are affecting
00:57:00 --> 00:57:04: Urban Development, housing affordability, and water usage.
00:57:05 --> 00:57:09: Denver Botanic Gardens has done excellent work on
landscape policies
00:57:09 --> 00:57:13: and then we also learned about case studies that people
00:57:13 --> 00:57:14: can share.
00:57:14 --> 00:57:20: Ivory Homes, Thornton, Brightview, Sterling Ranch, and

there are many
others.
These are just a few that I just grabbed from
the survey results.
So in terms of planning, I'd love for folks to
unmute.
This is a straw man agenda that we put together
as a starting point, but we'd love to hear from
you in terms of what are your priorities?
Who do you really want to hear from?
What order do you want to hear from them?
Topics to cover, speakers to hear from, efforts that you'd
like to undertake.
And yeah, just go ahead and unmute.
And what I'll do is I'll edit this as we
discuss.
And I need to share again one second.
So we were thinking of having some private sector case
study presentations first.
And I don't know if we have anyone from Thrive
or Brightview on the call, but I know that Brock
is on the call.
Brock, if you want to talk about Sterling Ranch, Hey,
Marianne, this is Brent over at Bribeview on.
I think we'd be happy to share some of the
case studies of projects that we're involved in, especially
some
of our efforts and in California, significant development
projects that
obviously anywhere in the landscape sector, land
development sector, I'm
sure Brock can highlight this as well.
There's just a lot of a lot of focus on
water use and and responsible thinking around landscape
systems and,
and it's exciting to see that obviously there's a lot
of evolution of thought that needs to continue, but I
think we can definitely highlight some, some case studies
around
that.
Excellent.
Thank you, Brent.
Sure.

00:59:11 --> 00:59:13: Brock, did you say yes or were you saying no
00:59:13 --> 00:59:13: thanks?
00:59:14 --> 00:59:15: No, no, Yeah, we can do that.
00:59:16 --> 00:59:17: Excellent.
00:59:18 --> 00:59:21: Is there anyone from Thrive on the call and I
00:59:21 --> 00:59:24: can just shoot them an e-mail if they're not here
00:59:24 --> 00:59:25: today?
00:59:27 --> 00:59:30: I think that would be excellent to hear, you know,
00:59:30 --> 00:59:32: on the ground, what is this like and what are
00:59:32 --> 00:59:36: your challenges and opportunities and recommendations for
policies to support
00:59:36 --> 00:59:37: the work that you do?
00:59:38 --> 00:59:40: And we, we would for any of these, we can
00:59:40 --> 00:59:42: follow up and do a separate call to plan for
00:59:42 --> 00:59:42: these.
00:59:44 --> 00:59:48: So then I we plugged in water sense and words.
00:59:48 --> 00:59:50: Jonah, I, I know you're here.
00:59:50 --> 00:59:51: I don't know if you'd be willing to do a
00:59:51 --> 00:59:52: presentation.
00:59:55 --> 00:59:55: Sure.
00:59:55 --> 00:59:58: I'd be, I'd be happy to do that and I'm,
00:59:58 --> 01:00:00: I'm sure Mike and I could share some time if
01:00:00 --> 01:00:01: that paired well.
01:00:02 --> 01:00:03: Excellent.
01:00:04 --> 01:00:05: Mike, are you with worse?
01:00:05 --> 01:00:06: Are you here?
01:00:11 --> 01:00:13: He certainly was before because I saw him in the
01:00:13 --> 01:00:13: chat.
01:00:14 --> 01:00:15: Yeah, I'm here.
01:00:15 --> 01:00:16: Sorry, there he is.
01:00:16 --> 01:00:16: Yeah.
01:00:18 --> 01:00:18: Don't mute myself.
01:00:20 --> 01:00:21: Am I saying that correctly?
01:00:21 --> 01:00:23: Where is Mike and tell us more if you'd be
01:00:23 --> 01:00:24: willing to do.
01:00:25 --> 01:00:27: Yeah, no, you're, you're pronouncing that right.
01:00:27 --> 01:00:29: It's words water efficiency rating score.
01:00:29 --> 01:00:33: And yeah, Jonah and I have presented before at Watersmart
01:00:33 --> 01:00:37: Innovations and would be happy to do it again for
01:00:37 --> 01:00:38: your group.
01:00:38 --> 01:00:40: But I think this group holds a lot of potential
01:00:40 --> 01:00:41: and a lot of promise.

01:00:41 --> 01:00:44: And, you know, I was raising some of the issues
01:00:44 --> 01:00:46: in the in the chat box for people to kind
01:00:46 --> 01:00:48: of read and think about.
01:00:49 --> 01:00:52: I'm super excited because these are the kind of issues
01:00:52 --> 01:00:55: that I tend to hear about when I talk to
01:00:55 --> 01:00:57: builders, developers, architects out there.
01:00:58 --> 01:01:02: But then I know that there's wonderful groups like ULI,
01:01:02 --> 01:01:05: like Water now, like AWE Sonoran Institute that just, you
01:01:05 --> 01:01:08: know, want to work on these efforts and want to
01:01:08 --> 01:01:09: work on these problems.
01:01:09 --> 01:01:12: And there's a lot of people who want you to
01:01:12 --> 01:01:13: work on these problems too.
01:01:13 --> 01:01:17: So I'm happy to contribute however and whenever and as
01:01:17 --> 01:01:18: often as you want me.
01:01:20 --> 01:01:22: To excellent, so excited to hear this.
01:01:24 --> 01:01:27: And then of course I'll follow up to schedule to
01:01:27 --> 01:01:31: make sure we're scheduling in a time frame that works
01:01:31 --> 01:01:34: for you and then we can prepare content and format
01:01:35 --> 01:01:36: and all of that.
01:01:37 --> 01:01:40: Next we plugged in landscaping codes and templates.
01:01:41 --> 01:01:44: I I saw Frank on the line, Victoria on the
01:01:44 --> 01:01:47: line, and Denver Botanic Gardens I saw.
01:01:47 --> 01:01:49: I don't know if you guys how you guys feel
01:01:49 --> 01:01:49: about this.
01:01:51 --> 01:01:53: Yeah, Maybe I'll just add here.
01:01:53 --> 01:01:55: And we were doing some initial brainstorming on this.
01:01:55 --> 01:01:59: We thought that, you know, having one session on like
01:01:59 --> 01:02:02: the outdoor development side might be good.
01:02:02 --> 01:02:04: You know, water now has a handful of projects that
01:02:04 --> 01:02:08: we worked on in Colorado in the West helping communities,
01:02:08 --> 01:02:10: you know, develop landscaping ordinances.
01:02:10 --> 01:02:14: So we could also pull in on those communities themselves
01:02:14 --> 01:02:17: that have gone through an uncoded those ordinances.
01:02:18 --> 01:02:21: And then talking to Frank the other week, I know
01:02:21 --> 01:02:24: there's some efforts going on in northern with some
landscape
01:02:24 --> 01:02:26: templates that may be coming in the in the next
01:02:26 --> 01:02:26: year.
01:02:26 --> 01:02:28: So just trying to come in from a few of
01:02:29 --> 01:02:32: those different angles and you know, perhaps we can even
01:02:32 --> 01:02:35: bring some of the landscapers into the conversation through
the
01:02:35 --> 01:02:38: call programming too and our other partners at WRA that

01:02:38 --> 01:02:40: work on some of this as well.

01:02:42 --> 01:02:47: Excellent, Frank, and I don't know if anyone from Denver

01:02:47 --> 01:02:50: Botanic Gardens and CSU are on the line.

01:02:55 --> 01:03:00: I saw Annie Barrow earlier from DBG, she's their design

01:03:00 --> 01:03:01: manager.

01:03:02 --> 01:03:04: I can tell you the the templates we're working on

01:03:04 --> 01:03:07: right now are response from the bought the fire in

01:03:07 --> 01:03:10: Lewisville and Superior, which burned about 1000 homes.

01:03:10 --> 01:03:11: It's called the Marshall Fire.

01:03:12 --> 01:03:14: And so we're trying to follow a model that was

01:03:14 --> 01:03:18: implemented in California by Sonoma Marin Water Saving

01:03:18 --> 01:03:21: Partnership after

01:03:18 --> 01:03:21: the Tubbs fire, where they provided these templates that

01:03:21 --> 01:03:24: were

01:03:21 --> 01:03:24: designed to be fire and water wise and allow them

01:03:24 --> 01:03:26: to be fast tracked for approval.

01:03:26 --> 01:03:30: So they come with plans, irrigation sheet, planting plan, a

01:03:30 --> 01:03:33: variety of other methods, as well as some optional things

01:03:33 --> 01:03:36: like storm water low impact development solutions.

01:03:37 --> 01:03:39: And the idea was that they can be picked up

01:03:39 --> 01:03:41: at scale and they're going to reduce the cost of

01:03:42 --> 01:03:44: rebuilding since most people are underinsured.

01:03:44 --> 01:03:47: So we hope to have an RFQ out for this

01:03:48 --> 01:03:53: process and possible delivery by July this year, somewhere

01:03:53 --> 01:03:57: around

01:03:53 --> 01:03:57: 8 templates to be functional for rights away and cul

01:03:57 --> 01:03:59: de sacs, things like that.

01:03:59 --> 01:04:00: So that's kind of our project.

01:04:03 --> 01:04:04: That sounds excellent.

01:04:05 --> 01:04:08: And I just plugged in Denver Botanic Gardens and CSU

01:04:08 --> 01:04:10: because I know they have great resources.

01:04:10 --> 01:04:13: But if there's anyone else on the line, I mean,

01:04:13 --> 01:04:15: again, this is just a like a rough draft.

01:04:15 --> 01:04:17: So if there's anyone on the line who you want

01:04:17 --> 01:04:20: to unmute and tell us about your expertise and anything

01:04:20 --> 01:04:21: like that, please do.

01:04:23 --> 01:04:25: These are ones that we know about, but I'm sure

01:04:25 --> 01:04:26: there's others.

01:04:28 --> 01:04:32: Next, I have water pricing, tap fees, equity.

01:04:33 --> 01:04:35: I plugged in Alliance for water Efficiency because I know

01:04:35 --> 01:04:36: they've worked on these things.

01:04:36 --> 01:04:41: Maybe Western resource advocates folks just unmute and

01:04:36 --> 01:04:41: tell me

01:04:41 --> 01:04:46: who feel who feels comfortable talking about these things.

01:04:47 --> 01:04:51: I'll just add this could be really good timing for

01:04:51 --> 01:04:54: our update of the TAP fee guide to get some

01:04:54 --> 01:04:57: feedback from folks on additional case studies that would be

01:04:58 --> 01:05:01: helpful to include and sort of other updates that we're

01:05:01 --> 01:05:02: planning to make.

01:05:03 --> 01:05:06: So yeah, that would be great for that meeting.

01:05:06 --> 01:05:07: Oh, great.

01:05:07 --> 01:05:07: Perfect.

01:05:09 --> 01:05:13: Jocelyn mentioned pricing and equity.

01:05:13 --> 01:05:16: Jocelyn, was there anything that you wanted to cover in

01:05:16 --> 01:05:16: particular?

01:05:21 --> 01:05:22: She's still online.

01:05:24 --> 01:05:26: Yep, just slow on the mute.

01:05:27 --> 01:05:30: I think I'd love to loop in some of the

01:05:30 --> 01:05:34: folks from our CSU water policy side of things to

01:05:34 --> 01:05:37: help with that particular question.

01:05:37 --> 01:05:39: And I'm certainly happy to talk to the Colorado Water

01:05:39 --> 01:05:42: Center policy folks and bring them into this conversation.

01:05:43 --> 01:05:44: Excellent.

01:05:45 --> 01:05:46: Thank you.

01:05:46 --> 01:05:46: Anyone else?

01:05:51 --> 01:05:55: We plugged in water, the one water approach and land

01:05:55 --> 01:05:55: use.

01:05:57 --> 01:06:01: I know Kevin is working on this with the Colorado

01:06:01 --> 01:06:07: Water Conservation Board, US Water Alliance, Denver, 1
Water Tucson.

01:06:08 --> 01:06:11: Is there anyone on the line who who thinks they

01:06:11 --> 01:06:15: could talk through how 1 water integrates with land use?

01:06:21 --> 01:06:23: Kevin, I can't see if you're still on the line.

01:06:32 --> 01:06:36: OK, some other ideas, stormwater reuse, but this could just

01:06:36 --> 01:06:38: be about reuse in general.

01:06:39 --> 01:06:42: And then I plugged in MLS because that seemed like

01:06:42 --> 01:06:43: a lively conversation.

01:06:45 --> 01:06:47: What do folks think about the ordering?

01:06:47 --> 01:06:48: Or do we want to change the order of these?

01:06:48 --> 01:06:52: Do we want to add different topics, new topics, anything

01:06:52 --> 01:06:53: like that?

01:07:04 --> 01:07:06: If I don't hear from you, I'm going to take

01:07:06 --> 01:07:06: it as consent.

01:07:08 --> 01:07:12: Hey, Marianne, this is Lisa Pace from Colorado Springs
Utilities.

01:07:13 --> 01:07:16: I don't know if this fits in your landscaping section
01:07:16 --> 01:07:19: and we don't have it yet, but we did apply
01:07:19 --> 01:07:22: for a grant, a couple of them with the Bureau
01:07:22 --> 01:07:26: of Rec and then CWCB that would incentivize new
construction
01:07:26 --> 01:07:30: to install landscapes only be watered once a week.
01:07:31 --> 01:07:34: If that goes through, that could be a good topic
01:07:35 --> 01:07:38: for the end of the season just because it really
01:07:38 --> 01:07:42: does focus on, you know, native, well adapted, very low
01:07:42 --> 01:07:44: water plant material.
01:07:44 --> 01:07:48: So just want to throw that out there as a
01:07:49 --> 01:07:50: potential topic.
01:07:51 --> 01:07:53: I'm adding that to the landscaping day.
01:07:54 --> 01:07:54: Perfect.
01:07:56 --> 01:07:58: But if there's any breakouts that we want to do,
01:07:58 --> 01:07:59: we can do that too.
01:08:00 --> 01:08:01: Great, thank you.
01:08:03 --> 01:08:10: I'm thinking maybe we just have a day focused on
01:08:10 --> 01:08:16: water reuse and then we have a day focused on
01:08:16 --> 01:08:20: in general water wise policies.
01:08:27 --> 01:08:29: Does anyone have any thoughts of like who would be
01:08:29 --> 01:08:30: a good speaker for this?
01:08:31 --> 01:08:36: And maybe it's Waverly and Babbitt?
01:08:48 --> 01:08:51: And again, this will be in in like next year,
01:08:51 --> 01:08:53: so we'll have time to talk through these again.
01:08:56 --> 01:08:59: OK, since I'm hearing silence, I'm going to move on,
01:08:59 --> 01:09:02: but feel free to circle back to any of these
01:09:02 --> 01:09:03: things.
01:09:05 --> 01:09:09: Looking ahead, we really hope that you implement Water
Wise
01:09:09 --> 01:09:12: best practices and read the Water Wise report.
01:09:12 --> 01:09:14: We can put the link in the chat again for
01:09:14 --> 01:09:15: the report.
01:09:15 --> 01:09:18: There's so much content in there and lots of great
01:09:18 --> 01:09:21: resources that you can just click the link to and
01:09:21 --> 01:09:23: it'll take you to all these resources.
01:09:24 --> 01:09:27: If you can help us spread the word about the
01:09:27 --> 01:09:31: coalition, we'd love to grow the group and just increase
01:09:31 --> 01:09:34: the value for all of you with more and more
01:09:34 --> 01:09:37: expertise included and to join us for upcoming programs.
01:09:39 --> 01:09:44: Among them, we have a wonderful day long resilience
Summit
01:09:44 --> 01:09:47: coming up on May 15th in Toronto.

01:09:47 --> 01:09:50: It's right before our ULI Spring meeting.

01:09:51 --> 01:09:54: So we're bringing together people from all around the world

01:09:54 --> 01:09:57: and we have an amazing agenda filled with speakers talking

01:09:57 --> 01:10:00: about all sorts of different resilience issues.

01:10:00 --> 01:10:03: Lindsay, I don't know if you're on the line, Lindsey

01:10:03 --> 01:10:06: Bruger, if you want to say anything else about this,

01:10:06 --> 01:10:09: but you can follow this link in the bottom left

01:10:09 --> 01:10:12: corner to learn more about the agenda and register.

01:10:13 --> 01:10:13: Yeah.

01:10:13 --> 01:10:16: Thanks so much, Marianne, and thank you to everyone for

01:10:16 --> 01:10:18: participating in this coalition.

01:10:18 --> 01:10:20: I have already learned a lot from all of you

01:10:20 --> 01:10:22: and I'm so excited by the discussion that we've had

01:10:22 --> 01:10:23: today.

01:10:23 --> 01:10:26: The Resilience Summit is our flagship event.

01:10:26 --> 01:10:29: This will be the 4th annual summit and it will

01:10:29 --> 01:10:30: be held in person in Toronto.

01:10:31 --> 01:10:34: And if you're already coming to ULI Spring Meeting, you

01:10:34 --> 01:10:37: can just arrive one day early and you'll be easily

01:10:37 --> 01:10:38: able to join us.

01:10:38 --> 01:10:41: It is a separately ticketed event and early bird pricing

01:10:41 --> 01:10:43: is available until March 8th.

01:10:43 --> 01:10:46: We're going to have a wide range of panels and

01:10:46 --> 01:10:51: keynotes bringing together full range of real estate

01:10:51 --> 01:10:55: professionals and

01:10:55 --> 01:10:56: really looking at actionable solutions to protect our

01:10:55 --> 01:10:56: communities from

01:10:55 --> 01:10:56: climate rest.

01:10:56 --> 01:10:58: So we hope that you'll be able to join us.

01:10:59 --> 01:11:00: Thank you, Lindsay.

01:11:02 --> 01:11:04: And then I'll turn it over to our partner, Water

01:11:04 --> 01:11:07: Now to talk about their project accelerator.

01:11:08 --> 01:11:08: Great.

01:11:08 --> 01:11:08: Thanks.

01:11:08 --> 01:11:09: I'll keep this brief.

01:11:09 --> 01:11:12: Just want to give everyone a heads up that we're

01:11:12 --> 01:11:16: currently accepting applications for our next round of project

01:11:16 --> 01:11:20: accelerator,

01:11:16 --> 01:11:20: which provides cities, water agencies and other organizations

01:11:16 --> 01:11:20: free support

01:11:20 --> 01:11:23: to help jump start your sustainable water project.

01:11:24 --> 01:11:26: Some of the projects that we've talked about today may

01:11:26 --> 01:11:28: be a good fit for our accelerator program.

01:11:28 --> 01:11:31: So if you have anything in mind that you're interested
01:11:31 --> 01:11:33: in getting free support on, please reach out.
01:11:34 --> 01:11:38: This application cycle is we're going to be specifically
focusing
01:11:38 --> 01:11:39: on Colorado communities.
01:11:39 --> 01:11:42: So if you're in Colorado, now is your time to
01:11:42 --> 01:11:47: get involved with Water Now and the accelerator applications
are
01:11:47 --> 01:11:51: due February 10th, so just less than a month now.
01:11:51 --> 01:11:54: And I'll just throw the link to our website in
01:11:54 --> 01:11:56: the chat and you can reach out to me if
01:11:56 --> 01:11:58: you have any questions.
01:11:58 --> 01:12:00: Look at the FAQ S on our website and hope
01:12:00 --> 01:12:02: to see some of you applying.
01:12:02 --> 01:12:02: Thanks.
01:12:04 --> 01:12:07: Victoria and I just want to thank you for joining
01:12:07 --> 01:12:10: us today and for this coalition.
01:12:10 --> 01:12:14: I will continue to use the e-mail addresses that you
01:12:14 --> 01:12:18: included in your survey and just send you updated invites.
01:12:19 --> 01:12:21: I'd love to to just open this up and if
01:12:21 --> 01:12:24: folks can unmute and just let me know if this
01:12:24 --> 01:12:27: time works for folks, if we can just repeat this
01:12:27 --> 01:12:30: time in future quarters or if you have a, an
01:12:30 --> 01:12:33: issue with this timing, just send me an e-mail or
01:12:34 --> 01:12:36: put it in the chat box or unmute.
01:12:43 --> 01:12:44: Also, we have some extra time.
01:12:44 --> 01:12:47: So if folks want to leave now, we'll give you
01:12:47 --> 01:12:48: that time back.
01:12:48 --> 01:12:51: If you want to stay on and continue the discussion,
01:12:51 --> 01:12:52: you're welcome to.
01:12:52 --> 01:12:52: I'll stay on.
01:12:55 --> 01:13:10: All right, well, thank you guys for joining us.
01:13:10 --> 01:13:11: I will stay on.
01:13:12 --> 01:13:14: I don't know if our partners can stay on, but
01:13:14 --> 01:13:16: they're welcome to of course.
01:13:19 --> 01:13:19: Thanks everyone.
01:13:19 --> 01:13:22: Great conversations, great ideas today.
01:13:24 --> 01:13:24: Agreed.
01:13:24 --> 01:13:26: Thank you all so much for joining and we'll look
01:13:26 --> 01:13:27: forward to seeing you soon.
01:13:28 --> 01:13:28: Thank you.
01:13:41 --> 01:13:41: Hi, Marianne.
01:13:42 --> 01:13:44: Hey, Hi, I'm Kira.

01:13:44 --> 01:13:47: I'm out in Texas and and I was hoping to
01:13:47 --> 01:13:50: see a broader perspective rather than just the Western states.
01:13:50 --> 01:13:53: I know water is definitely a concern out West, but
01:13:53 --> 01:13:56: it also kind of hits the Great Plains and I
01:13:56 --> 01:13:59: say West of the 35 of, you know, the Interstate
01:13:59 --> 01:14:03: 35 boundary, it gets dry as you go West towards
01:14:03 --> 01:14:04: the mountains.
01:14:05 --> 01:14:05: Is there a group?
01:14:06 --> 01:14:09: I I really couldn't see everybody's locations, but is there
01:14:09 --> 01:14:12: a group or a perspective on on the, you know,
01:14:12 --> 01:14:15: the plains States and towards the east?
01:14:16 --> 01:14:16: Yeah.
01:14:16 --> 01:14:16: So this.
01:14:16 --> 01:14:18: This coalition is actually national.
01:14:19 --> 01:14:22: A lot of the best practices in case studies that
01:14:22 --> 01:14:24: we have come from the West because they've just been
01:14:24 --> 01:14:28: dealing with drought longer and water scarcity and water issues
01:14:28 --> 01:14:28: longer.
01:14:29 --> 01:14:32: But I would say Alliance for Water Efficiency is based
01:14:32 --> 01:14:35: out of Illinois and we have the best practices that
01:14:36 --> 01:14:39: we're presenting are applicable no matter where you are.
01:14:39 --> 01:14:42: And I think it's really important to be water efficient,
01:14:42 --> 01:14:45: even if you live on the East Coast because it'll,
01:14:45 --> 01:14:48: you know, it'll just save you energy, save you money.
01:14:49 --> 01:14:52: Also with water quality issues, it'll help with that.
01:14:54 --> 01:14:56: So I think there's a lot of reasons to be
01:14:56 --> 01:14:56: water efficient.
01:14:57 --> 01:15:01: In terms of policy, yeah, the coalition does include people
01:15:01 --> 01:15:02: from the East Coast.
01:15:02 --> 01:15:05: We had someone on the line from Massachusetts today.
01:15:06 --> 01:15:08: I didn't see everybody because I was sharing my screen.
01:15:08 --> 01:15:11: But maybe some of the other folks can say the
01:15:11 --> 01:15:12: distribution of folks?
01:15:16 --> 01:15:19: I mean, it's definitely, definitely a Western focused group, at
01:15:19 --> 01:15:20: least for today.
01:15:20 --> 01:15:22: I think it's not surprising that that was a lot
01:15:22 --> 01:15:25: of interest from people in that neck of the woods.
01:15:26 --> 01:15:30: But yeah, we, yeah, the alliances is national and so
01:15:30 --> 01:15:33: we do have membership and across the US and folks
01:15:33 --> 01:15:36: are interested this for a variety of reasons.

01:15:36 --> 01:15:39: So in other parts of the country, people are more
01:15:39 --> 01:15:43: interested maybe in the stormwater management and green
infrastructure and
01:15:43 --> 01:15:46: water reuse pieces, really managing flooding or storm water.
01:15:46 --> 01:15:50: But you know, like Marian mentioned, these pieces really
apply
01:15:50 --> 01:15:54: no matter what kind of conditions you're facing.
01:15:54 --> 01:15:57: They all sort of serve as good best practices.
01:15:58 --> 01:15:59: Are there?
01:15:59 --> 01:16:00: Is there something specific you're looking?
01:16:00 --> 01:16:01: For or a.
01:16:01 --> 01:16:04: Particular type of example or a connection that we could
01:16:04 --> 01:16:05: maybe try to hunt down?
01:16:06 --> 01:16:07: Not right now.
01:16:07 --> 01:16:10: I think it's just more a perception and if we
01:16:10 --> 01:16:14: could get more people involved from across the states, I
01:16:14 --> 01:16:18: think that that that would benefit the group, not only
01:16:19 --> 01:16:22: Uli, you know, but just to, to have a broader
01:16:22 --> 01:16:23: perspective.
01:16:24 --> 01:16:28: Like I think there was something in there about plants
01:16:28 --> 01:16:32: that are appropriate to different areas of the, the
development
01:16:32 --> 01:16:36: plane, you know, the, the parking lots, the the parks,
01:16:36 --> 01:16:39: every place has its own place for, for trees.
01:16:40 --> 01:16:43: Trees do differently where you know, where according to
their
01:16:43 --> 01:16:44: growth needs, right.
01:16:47 --> 01:16:50: And just a little background for me, I, I was
01:16:50 --> 01:16:53: in Las Vegas when, when the, I think it was
01:16:53 --> 01:16:58: the county started their, their, their water program in the
01:16:58 --> 01:16:59: late 90s.
01:16:59 --> 01:17:02: And then I transitioned to Arizona after that.
01:17:03 --> 01:17:06: So the those kinds of policies for water conservation were
01:17:06 --> 01:17:07: well developed.
01:17:08 --> 01:17:12: But what I'm seeing now is what are the concerns
01:17:12 --> 01:17:16: about desertification as a result of driving low plant use
01:17:17 --> 01:17:20: to xeroscape, You know, is, is there a cause and
01:17:21 --> 01:17:25: a trend towards a need for greater water conservation?
01:17:26 --> 01:17:27: Is that part of it?
01:17:27 --> 01:17:30: If we if we were to study desertification and in
01:17:30 --> 01:17:34: places that that in continents that have grown their deserts
01:17:34 --> 01:17:38: rather than their trees, right, what, what, what trends could
01:17:38 --> 01:17:41: we learn from in those situations?

01:17:41 --> 01:17:43: So I guess what I'm saying is, is have their
01:17:43 --> 01:17:44: studies been done?
01:17:44 --> 01:17:48: I don't have time to do those studies, but have
01:17:48 --> 01:17:51: there been studies done that can point us in a
01:17:51 --> 01:17:57: direction that successfully calms those, those kinds of
concerns, desertification,
01:17:57 --> 01:18:01: lack of water and and that those situations, you know,
01:18:01 --> 01:18:05: some, some people pose a question these days is where's
01:18:05 --> 01:18:06: the water gone?
01:18:08 --> 01:18:10: Great, great, great point.
01:18:10 --> 01:18:13: So what we're seeing is that climate change is leading
01:18:13 --> 01:18:16: to greater desertification across the West.
01:18:16 --> 01:18:20: I point taken on the landscaping codes and templates day
01:18:20 --> 01:18:22: getting broader representation.
01:18:23 --> 01:18:23: That's great.
01:18:23 --> 01:18:25: And we can absolutely do that.
01:18:26 --> 01:18:29: You'll you'll see less desertification, you know, east of the
01:18:29 --> 01:18:30: Mississippi.
01:18:31 --> 01:18:35: But in terms of your question related to desertification, I
01:18:35 --> 01:18:39: think groundwater recharge, we've seen a great case study
in
01:18:40 --> 01:18:44: Albuquerque, NM, where the water conservation programs
and focus on
01:18:44 --> 01:18:49: groundwater recharge and water reuse have helped them get
out
01:18:49 --> 01:18:53: of that trend towards, you know, rampant desertification at a
01:18:53 --> 01:18:55: really rapid pace.
01:18:56 --> 01:18:58: So yeah, there's other case studies as well.
01:18:58 --> 01:18:59: Albuquerque is just a really great example.
01:19:01 --> 01:19:05: And I'll just add, you know, in addition to the
01:19:05 --> 01:19:10: need to select climate appropriate, you know, and
geographically appropriate
01:19:10 --> 01:19:11: plants for your landscapes.
01:19:12 --> 01:19:16: I mean, I, I think something that we may want
01:19:16 --> 01:19:21: to address in our sort of landscaping themed topic is
01:19:21 --> 01:19:26: the, the potentially negative trend of moving towards, you
know,
01:19:27 --> 01:19:33: rock and hardscapes as landscapes versus replacing really
water thirsty
01:19:33 --> 01:19:37: plantings that may not be native to the area.
01:19:37 --> 01:19:43: Like high water use turf grass with more native plants
01:19:43 --> 01:19:44: and grasses.
01:19:45 --> 01:19:50: And that, you know, there are multiple priorities at play.

01:19:50 --> 01:19:55: And so as you select lower water use landscapes, if
01:19:56 --> 01:19:59: you go all the way to 0 water use, you
01:20:00 --> 01:20:02: know, non vegetative.
01:20:02 --> 01:20:07: Cover for your landscapes then that has some negative
impacts
01:20:07 --> 01:20:11: on heat island effect and and kind of increasing kind
01:20:11 --> 01:20:13: of localized temperatures.
01:20:13 --> 01:20:18: So that may be something that we should emphasize in
01:20:18 --> 01:20:19: that session.
01:20:20 --> 01:20:20: Agreed.
01:20:20 --> 01:20:24: And the intersection, it's being water wise and fire wise
01:20:24 --> 01:20:28: because we're seeing more and more of the combination of
01:20:28 --> 01:20:29: the two issues.
01:20:29 --> 01:20:31: So yeah, I agree.
01:20:31 --> 01:20:33: Native plants, why are we putting rocks everywhere?
01:20:33 --> 01:20:38: It's increasing urban heat island effect and it's drying out
01:20:38 --> 01:20:39: the soil.
01:20:39 --> 01:20:42: You get increased heat, it's increasing evaporation and
drying everything
01:20:42 --> 01:20:43: out.
01:20:45 --> 01:20:46: What was I gonna say?
01:20:46 --> 01:20:49: Oh, but yeah, sometimes we need the rock scapes to
01:20:49 --> 01:20:51: keep fire from getting to your house.
01:20:51 --> 01:20:54: It's like, how do we balance all these different issues?
01:20:56 --> 01:20:56: Thank you.
01:21:01 --> 01:21:02: Good questions and great points.
01:21:08 --> 01:21:10: Mike, did you want to unmute?
01:21:12 --> 01:21:14: Talk about that point in the chat box.
01:21:18 --> 01:21:18: Sure.
01:21:20 --> 01:21:21: Yeah, I just sent to you and Mary Ann, I
01:21:21 --> 01:21:23: didn't know it's going to make a huge deal about
01:21:23 --> 01:21:23: it.
01:21:23 --> 01:21:28: But one of the things that was talked about was,
01:21:28 --> 01:21:32: you know, reuse and having reuse be a topic for
01:21:32 --> 01:21:34: a future meeting.
01:21:36 --> 01:21:38: I didn't know if it made sense to knock on
01:21:38 --> 01:21:41: the door of the Water Reuse Foundation.
01:21:44 --> 01:21:49: You know, I have to admit they'll be recorded, but
01:21:49 --> 01:21:53: I just focus on knowing as many people as I
01:21:54 --> 01:21:59: can and I don't then make the political connections or
01:21:59 --> 01:22:02: the nuances or whatever.
01:22:02 --> 01:22:07: And I'll, I'll poke fun at the energy history for

01:22:07 --> 01:22:08: a moment.

01:22:09 --> 01:22:12: I learned early on with that, that there are certain

01:22:13 --> 01:22:17: nonprofits within the energy efficiency world that are very protective

01:22:17 --> 01:22:20: of their turf and don't play nice with others.

01:22:21 --> 01:22:23: And I've never really gotten that sense with the water

01:22:23 --> 01:22:24: industry, which is great.

01:22:26 --> 01:22:29: But I've just, I learned that from, you know, a

01:22:29 --> 01:22:29: decade ago.

01:22:30 --> 01:22:33: And so I just thought I'd throw out there that

01:22:33 --> 01:22:35: there is the Water Reuse Foundation.

01:22:37 --> 01:22:40: And I just didn't know if that would be an

01:22:40 --> 01:22:42: organization or people to tap into.

01:22:42 --> 01:22:45: And we're talking about, hey, let's, let's look at reuse.

01:22:47 --> 01:22:48: Yeah, that's a great suggestion.

01:22:48 --> 01:22:49: Definitely top of the list.

01:22:50 --> 01:22:52: I think I linked to them in the report as

01:22:52 --> 01:22:54: well, or at least I cited them.

01:22:58 --> 01:22:59: That I haven't memorized the report.

01:22:59 --> 01:22:59: I'm sorry.

01:23:00 --> 01:23:01: That's OK.

01:23:01 --> 01:23:05: I I could we put the link in earlier, right

01:23:05 --> 01:23:05: Vic?

01:23:05 --> 01:23:06: Yeah, you did.

01:23:06 --> 01:23:07: You did?

01:23:07 --> 01:23:07: Yeah.

01:23:07 --> 01:23:08: Thanks.

01:23:08 --> 01:23:09: Thanks so much, Victoria.

01:23:09 --> 01:23:09: Great.

01:23:15 --> 01:23:15: Excellent.

01:23:15 --> 01:23:19: Well, thanks so much, Marianne for bringing us all together

01:23:19 --> 01:23:21: and getting this launched and started.

01:23:22 --> 01:23:23: Well, thanks for joining.

01:23:23 --> 01:23:26: Oh my gosh, this is really exciting to bring all

01:23:26 --> 01:23:29: these folks together and to hear everyone's expertise.

01:23:30 --> 01:23:33: Yeah, there was lots of action in the chat, so

01:23:33 --> 01:23:36: there's a lot of a lot of notes to pull

01:23:36 --> 01:23:38: from there, which is great.

01:23:39 --> 01:23:39: Excellent.

01:23:40 --> 01:23:43: What I'll do is I'll follow up to schedule the

01:23:43 --> 01:23:46: next meeting and I think what maybe what I'll do

01:23:46 --> 01:23:48: is reach out to the folks who are hoping to

01:23:48 --> 01:23:51: hear from for the case studies in the next meeting
01:23:51 --> 01:23:53: and we can set up a prep call with all
01:23:53 --> 01:23:55: of them and schedule together.
01:23:57 --> 01:23:59: Does that work or do you want to do a
01:23:59 --> 01:24:01: follow up call and then a prep call?
01:24:02 --> 01:24:05: Maybe I think it might be worth having a quick
01:24:05 --> 01:24:08: just debrief with us for as the partners on this
01:24:08 --> 01:24:10: and then we come up with a, a good action
01:24:10 --> 01:24:11: plan from there.
01:24:12 --> 01:24:12: Excellent.
01:24:12 --> 01:24:13: OK, cool.
01:24:14 --> 01:24:15: Awesome.
01:24:15 --> 01:24:18: Yeah, thanks for inviting Water Now to be part of
01:24:18 --> 01:24:18: this.
01:24:18 --> 01:24:22: I thought the conversation was really inspiring today.
01:24:22 --> 01:24:25: There's a lot of a lot of good ideas here
01:24:25 --> 01:24:28: and this this two years flying by, honestly.
01:24:29 --> 01:24:29: Yeah.
01:24:30 --> 01:24:30: Excellent.
01:24:31 --> 01:24:31: Great.
01:24:31 --> 01:24:32: Thanks everyone.
01:24:32 --> 01:24:33: We'll talk soon then.
01:24:34 --> 01:24:35: Thank you guys so much.
01:24:35 --> 01:24:35: Appreciate it.
01:24:36 --> 01:24:37: Well done everyone.
01:24:37 --> 01:24:37: Thank you.
01:24:37 --> 01:24:37: Bye.
01:24:39 --> 01:24:39: Thanks guys.
01:24:40 --> 01:24:40: Have a great day.
01:24:40 --> 01:24:41: Talk to you soon.

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