



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

00:09:42 --> 00:09:42: 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, complicated world to, to, to work in.

00:47:46 --> 00:47:49: But slowly but surely, we're we're making some progress with it.

00:47:49 --> 00:47:52: Thank you, Jonah Jocelyn.

00:47:52 --> 00:47:52: Hey there.

00:47:54 --> 00:47:57: I'm going to take us in a slightly different direction with my question.

00:48:01 --> 00:48:01: I think although really good to hear all about the MLS progress.

00:48:01 --> 00:48:03: One of the things that we found, I'm with Colorado State University and we just completed our hydro building as part of our sport campus, which has a number of

00:48:03 --> 00:48:04: 1 water approaches in it.

00:48:04 --> 00:48:07: And one of the things that we found to be a bit challenging was finding the expertise or knowing what language to put in RFPs for some of the newer

00:48:07 --> 00:48:08: one water approaches that requires some different engineering.

00:48:08 --> 00:48:09: And they also can be a little bit more expensive, especially if you're dual plumbing at least a portion if not all of your building.

00:48:09 --> 00:48:11: So one of the things that might be helpful to have as part of the sort of running list of ways that this network might be able to help us

00:48:11 --> 00:48:14: on language for RFPs or list of folks with good expertise to help with the engineering side of things in addition to funding sources for one water approaches the building

00:48:14 --> 00:48:16: scale.

00:48:16 --> 00:48:18: Excellent point.

00:48:18 --> 00:48:21: Thank you, Jocelyn.

00:48:21 --> 00:48:24: And I'm excited to see the hydro building.

00:48:24 --> 00:48:27: Yeah.

00:48:27 --> 00:48:31: You should come check us out.

00:48:32 --> 00:48:35: We opened ten days ago.

00:48:35 --> 00:48:38: Yeah, I'm excited about it.

00:48:39 --> 00:48:40: OK, Jenna, put in the chat box to add on to Peter's thought.

00:48:40 --> 00:48:43: For large properties, if a certain meter size or allocation of water is purchased, this should be disclosed so a buyer knows what they can do with the property.

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00:49:24 --> 00:49:27:

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.
00:52:18 --> 00:52:21: So for sale property you're starting to see like Castle
00:52:21 --> 00:52:26: Rock offers a 5/8 tap instead of a three quarter
00:52:26 --> 00:52:30: inch tap based on if you implement certain water
00:52:30 --> 00:52:33: conservation
00:52:33 --> 00:52:39: measures and then reduce your your connection fee for this
00:52:39 --> 00:52:45: new asset class of bill to rent.
00:52:45 --> 00:52:51: We're seeing developers do you know, effectively a condo
00:52:51 --> 00:52:55: flat
00:52:55 --> 00:52:58: and effectively they will determine how much they actually
00:52:58 --> 00:53:01: need
00:53:01 --> 00:53:04: to serve an efficient, you know, effectively at this point
00:53:04 --> 00:53:04: it's an apartment tilted on its side.
00:53:04 --> 00:53:04: So if you have no fishing bungalow per SE or
00:53:04 --> 00:53:04: town home, they'll do 1 water main connection, let's say
00:53:04 --> 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.

00:57:20 --> 00:57:20: These are just a few that I just grabbed from the survey results.

00:57:20 --> 00:57:23: the survey results.

00:57:24 --> 00:57:25: So in terms of planning, I'd love for folks to unmute.

00:57:27 --> 00:57:30: 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?

00:57:30 --> 00:57:30: Who do you really want to hear from?

00:57:30 --> 00:57:33: What order do you want to hear from them?

00:57:33 --> 00:57:36: Topics to cover, speakers to hear from, efforts that you'd like to undertake.

00:57:36 --> 00:57:38: And yeah, just go ahead and unmute.

00:57:39 --> 00:57:40: And what I'll do is I'll edit this as we discuss.

00:57:40 --> 00:57:42: And I need to share again one second.

00:57:43 --> 00:57:47: So we were thinking of having some private sector case study presentations first.

00:57:47 --> 00:57:48: 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.

00:57:50 --> 00:57:52: Brock, if you want to talk about Sterling Ranch, Hey, Marianne, this is Brent over at Bribeview on.

00:57:52 --> 00:57:54: I think we'd be happy to share some of the case studies of projects that we're involved in, especially some

00:57:54 --> 00:57:55: of our efforts and in California, significant development projects that

00:58:01 --> 00:58:03: obviously anywhere in the landscape sector, land development sector, I'm

00:58:09 --> 00:58:12: sure Brock can highlight this as well.

00:58:12 --> 00:58:14: There's just a lot of a lot of focus on

00:58:14 --> 00:58:17: water use and and responsible thinking around landscape systems and,

00:58:17 --> 00:58:19: and it's exciting to see that obviously there's a lot

00:58:19 --> 00:58:20: of evolution of thought that needs to continue, but I

00:58:20 --> 00:58:25: think we can definitely highlight some, some case studies around

00:58:25 --> 00:58:30: that.

00:58:30 --> 00:58:32: Excellent.

00:58:32 --> 00:58:36: Thank you, Brent.

00:58:36 --> 00:58:41: Sure.

00:58:41 --> 00:58:45:

00:58:45 --> 00:58:48:

00:58:48 --> 00:58:50:

00:58:50 --> 00:58:55:

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00:58:59 --> 00:59:02:

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00:59:08 --> 00:59:08:

00:59:08 --> 00:59:09:

00:59:10 --> 00:59:10:

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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