Breakthrough 5 Winners' Onboarding Event

Samantha Flower, Challenge Works

So welcome everyone to our Breakthrough 5 Winners' Onboarding Event. Thank you very much for joining us today. We do have until 3pm for this meeting, but we may not need all that time this year, so we'll see how much time you need for questions at the end. So the aims of the session today. By the end of it, you should have a clear understanding of what to expect in terms of the Fund's legal, financial and monitoring requirements. You should have a clear view of the learnings and the communication activities for the winning projects, and you should be set up for success in delivering those projects. Just a bit of housekeeping for you. We are recording and the recording this transcript and the slides will be shared with you on the Information for Winners page, and that link will come out to you in the next couple of days. Chat is on, but we do encourage you to use the Q&A function for questions. We've got George in the background monitoring that, and chat can be there for technical support, Just a little discussion of today's agenda. So we're obviously in the Introduction and Welcome. We'll then move on to What to Expect. So that's the Winners Agreements, Payments and Milestones. We'll hear from James Leather at ICF about Evaluation. We'll then move on to hear from Maria at Arup about Monitoring Requirements and the Final Report. We'll then have a short comfort break, estimated to be about 1.50 but it might be a bit sooner, and that's for 10 minutes. Then we'll move on to Alex, who'll talk to us about Reporting, Comms and Learning Opportunities, and she'll also touch upon available resources for winners. And then I'll talk very briefly about Breakthrough 6, and then we have plenty of time scheduled for questions at the end, So winners Agreements, Payments and Milestones. So in this section, we want to give you an overview of how these work. So to be clear, this is about the Winners' Agreement that each lead entrant has signed with Challenge Works to receive that Breakthrough 5 financial reward. It is not about any collaboration agreements that each partner organization will or may have already signed between project partners. However, we believe that this information is useful for all partners to understand the legal requirements and payment mechanisms that we're dealing with. For those of you who've been involved before, I hope that it will serve as a useful refresher. Sorry, apologies. I have a slide missing, so I'm going to wing it. Basically, the agreements are all signed, and the deadline was the 22nd of May. So thank you very much for all of you for signing those. That was fantastically efficient of you. MOSL is now doing the payment run. We've had three payments in so far, but there are 14 water companies and some 30.7 million that hasn't yet come in. And just so you understand, MOSL can't release any of those funds until all those payments have come in. So in those agreements, you would have had your T&C's, which are on the website, all of your entrant materials, so all of the stuff that you submitted through Submittable when you entered the prize, you will also have any specialties to do with IPR. So if you had any conversations with us about that by email, that will be in there as well. It has your obligations, and it has your Annex 4, for Transform only. So for Transform only, we use an Annex 4. So the annex sets out milestones and award payments. So if the water company has received the full amount up front, you can only spend the amount set out in the milestone that you're currently in. And there's two possible options for those Annex 4s. The first is sequential milestones, and the second is non-sequential. And these have actually already been determined with the Transform winners during that winners agreement drafting process. If your project follows sequential milestones, each milestone flows directly from the previous one. So at the end of each milestone, the designated accountable officer carries out their own go/no-go process to ensure that that project is meeting the right conditions to move into that next phase. The accountable officer is someone appointed by the lead water company, and works for the same water company, and they have the responsibility to oversee that decision to move to the next phase and provide the authority to start spending that next award. In this scenario, although you've received all the money up front, you cannot start spending the money related to a future stage until you have completed the previous stage of the project. However, there are some projects that are non-sequential, which is why we have the second Annex 4 option, non-sequential milestones. This is when we have phases of the projects that can happen in parallel. Similarly to the other option, the Accountable officer will provide confirmation and authority to start spending in the next phase. If at any point the decision is not to progress to the next stage, then you would be required to return the remaining funds to the Ofwat Innovation Fund. In this scenario, you would also need to ensure that your financial contribution remains the same as originally committed in the entry at that minimum 10% Please do pop any questions about Winners' Agreements, Payments or Milestones into that Q&A tool, and we'll cover them at the end of the session. Just a little bit about changes this year. So you'll have noticed some changes in the Winner's Agreement, if you've done this before, and this related to the Annex 3, which has now become Annex 3a, Monitoring and Requirements and Annex 3b Evaluation Requirements, your obligations remain the same. However, these changes reflect that Ofwat have appointed ICF as their new evaluation partner. And speaking of ICF, I'm now going to hand over to James Leather from ICF, who will talk you through how evaluation is going to be handled going forward. So James, if you'd like to pop your camera on.

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on.

James Leather, ICF
Okay, thanks, Sam, should be on hopefully, hopefully people can hear me. So yeah, thanks for the introduction. So I'm from ICF, which is a public policy consultancy, Research and Evaluation consultancy. We do evaluation across government, and we've been appointed by Ofwat to evaluate the Innovation Fund. If you could skip forward, Sam to the next slide. Okay, so, yeah, the evaluation then. So what we've been asked to do is a combined process impact and value for money, evaluation of the whole Fund, and that is looking back at AMP7. So that actually takes us back to 2020, and also looking forward to AMP8, including supporting the evaluation as part of the Water Efficiency Fund, which is obviously the campaign in the lab. So quite a comprehensive evaluation, looking at all different strands. So the objective. To understand primarily the impact the Fund has had, terms of customer benefits, whether these benefits have exceeded the costs for the value for money element, and whether there is any evidence the existence of the Fund generated these additional benefits, the classic additionality question we look at as part of impact evaluation, process evaluation, which will capture lessons learned during the AMP8 period, and to particularly on the delivery of the Water Breakthrough Challenge as well. So our aim is to help support any kind of in-flight adjustments, and also to advise Ofwat and others on design and implementation of future activities in this space as well. If you could skip forward, please, Sam, I'm not going to go through that in detail, but just to flag, it's a two-year evaluation, and we're really only just at the beginning, so we are only really at tasks one and two at the top there, which is some of the sort of preliminary evaluation work that you traditionally do, designing our approach,

making sure we understanding the program and understand what it's trying to do, and have mapped out everything that is trying to accomplish. So we're still at the very early stages. If you could skip forward, Sam. So as our kind of way of way of doing the evaluation, we appreciate you'll be busy delivering, particularly at the moment, as you as you're getting set up. And so our approach is always to minimize what we have to ask of you. The evidence that we'll need will draw from a range of sources, primarily, as far as possible, things that you're already collecting that we can reuse, and that means that we don't have to go out and collect data ourselves, which is always helpful to everyone. As I appreciate no one likes to provide the same information twice, there will be some additional information that we do have to collect ourselves. But just to emphasize, we're still right at the beginning. We're currently designing the approach. Traditionally evaluations like this would include a mixture of targeted interviews, perhaps surveys, pro forma exercises, that kind of thing. But we're not quite sure of the exact balance yet, but we will, as ever with these things. We try and make it as proportionate as we can. And of course, this does give you, as funded projects, an anonymous opportunity to provide feedback on your experiences. I'm sure that everyone welcomes that opportunity, and the evidence that we provide does get passed to Ofwat. And I know that these things feel like they disappear into the ether, but I can assure you that anything you say is useful and is used by Ofwat. As to the kind of the next steps. So the AMP8 process evaluation will likely take place in autumn 2025. There'll be further research to take or follow in 2026 but our initial data gathering exercise is likely to be this autumn. That was everything from me. If anyone has any questions, I'll be around for the rest of this session, so I'm happy to pick up anything later on.

Samantha Flower, Challenge Works
Lovely. Thank you very much, James. And yes, please do pop any questions you might have for James into the Q&A tool, and we can come back to those at the end of the session. I'm now going to stop sharing so that Maria Smith from Arup, can take over and she can talk you through monitoring.

Maria Smith, Arup
Perfect. Thank you, Sam. Let me share my screen. Okay, can everybody see my screen?

Samantha Flower, Challenge Works
Yes, we can.

Maria Smith, Arup
Lovely, brilliant. So, hi everyone. I am Maria Smith. I am the monitoring lead on the Ofwat Innovation Fund. I am a Senior Product Manager at Arup, and I'm going to talk you through the monitoring process today. So there's quite a lot of information to get through in the next 20 minutes, but please note we'll be showing the slides after the call, and also we'll be sending out an email to all of you, just setting out the monitoring requirements and then sharing the templates as well, which I'll share with you. Okay, so introduction to the monitoring team. So we are the monitoring team, so we deliver this with jointly with Challenge Works. So we have a team at Arup. So the team has grown as the Ofwat Innovation Fund has grown over the past five years. We actually monitor and oversee over 80 projects across Breakthrough and Discovery. So in my role as the Monitoring Lead, I oversee the monitoring process in its entirety, which involves reviewing all of the outputs, arranging meetings with yourselves on the projects, and also overseeing our monitoring team as well. So we have Rachel, James and Noha, who

are the key people that you will be hearing from throughout the duration of your project to remind you of key dates, etc. We also have Tammy Po, who's a real kind of integral part of our monitoring team. And Tammy is responsible for diarizing all of the calls, which is quite a big task. So Tammy will be reaching out to you as well throughout the duration of your project. So above me, we have James Holloway, who is the Project Manager for Arup across the Innovation Fund. So he oversees a number of things, including monitoring and Selwyn Rose as well, who's our Project Director, who, yeah, over oversees everything from Arup point of view on the Ofwat Innovation Fund, and also sort of reviews all of our outputs from a monitoring perspective as well. And then over here, I'm going to touch on the Monitoring Officers in a bit more detail later on in the slides. But the Monitoring Officers have been introduced in the last six months or so, and the Monitoring Officers provide an extra layer of technical expertise into the monitoring process. And then we have Caroline and Alex, who are really a key part of the monitoring team as well, and I work really closely with them to make sure we're sort of, you know, monitoring all of the project and to make sure they're fully informed of what's going on before we report into Ofwat, who we share all of our deliverables with, and keep updated from a monitoring point of view. So this slide splits out why we monitor. So obviously I've stressed how monitoring is core component of the Ofwat Innovation Fund. It helps us understand how your projects are progressing, so we track performance, so we review how your projects are getting on in terms of objective milestones and timelines, it enables us to identify risks early, which is really important from a monitoring perspective. We want to hear about your risks early, and if there's anything sort of threatening your project from achieving your objectives, we really need to know about that and keep on top of it to make sure that we can enable and provide some proactive support. It also enables us to provide for the projects, to provide accountability to us as well. So we've got a structured approach in place and regular touch points in in place with you to make sure you are sort of feeding into the Ofwat Innovation Fund and reporting on how your project is progressing. A really key part of monitoring is capturing and sharing lessons learned as well. Obviously, all of these projects are, you know, cutting edge, and you're going to be learning so much on your projects. And we really want to make sure that we're capturing those, so on the monitoring submissions we have a space for that. So we really encourage you to kind of make sure that you're populating that section and sharing those lessons with us, because it really helps us share knowledge, share across the sector. We also use it to make sure we're tracking partnership successes. So obviously, the projects, sort of it's not just the water companies. You're working with multiple partners and will we just want to be touching base to ensure you know that the partnerships are working well and then demonstrate strategic value as well, and to make sure that you're aligning with and continuing to contribute to the strategic objectives of the Ofwat Innovation Fund generate insight. So obviously the monitoring side of things helps us to track performance across the whole portfolio and identify trends across the portfolio as well, which is really important. So that is an overview of why we monitor and then this slide then presents the monitoring principles which underpin everything we do. So in summary, we want to support and enable winners to take a well managed approach to managing the projects and risk as well. So we want to sort of support you throughout the duration of your project. Obviously, the nature of innovation projects are naturally risky, and we understand that. But we want to sort of work with you, and sort of understand those from a monitoring point of view. We want to be a supportive thought partner. So again, we want to sort of have that open relationship with you when we're sort of meeting with you and reviewing the project performance, and then to take a proportionate and trust-based approach as well. So as a monitoring team, we don't want to be like burdensome or anything like that. We want to sort of with, work with you and make sure that we're streamlining the process and not sort of, you know, you having to report and report for reporting's sake. We want to make sure that's all sort of streamlined for you, and that we're getting what we need from you without burdening you too much. Okay, so I'm just going to touch on the Monitoring Officer role. I'm not going to sort of go into loads and loads of detail on this, but essentially, the Monitoring Officers have been introduced over the past six months into the process, just to really provide that extra layer of technical expertise into the monitoring process. We're finding that as the Fund is growing and growing and growing, this part was missing from our team, and we have introduced the five Monitoring Officers here who are subject matter experts in that area. So we've divided all of the projects, Breakthrough projects, into four cohorts. So we've got water supply, wastewater customer and enabling activities and river catchments, coastal and climate and your project as well, will be categorized into one of those cohorts and will be assigned a Monitoring Officer. So we will be in touch with you to let you know who your Monitoring Officer is. Essentially they are industry experts from across the water sector. They will be reviewing your biannual monitoring reports alongside the monitoring team. They'll be leading the biannual calls that they have with you. They'll also be taking and be chairing the project, checking calls as well which we will be arranged arranging with you. And these are calls which will take place in the intervening quarters between when you report. I've got another slide which sets out all of this process as well, so I'll jump onto that in a minute so it will make a little bit more sense. And then the kind of premise of the Monitoring Officers is to provide feedback on observations, insights, challenges and opportunity from a cohort perspective. So they sort of take a look at the projects as well from that portfolio level as well, and identify kind of key emerging themes as well, which is sort of a really helpful way of looking across the Fund. And then also, really importantly, the last point is about enhancing the experience of engagement with the monitoring team for you guys. So obviously having that consistent Monitoring Officer in place is really sort of important for engagement, and hopefully you'll be able to build up a really good relationship with your Monitoring Officer throughout the duration of your project. Okay? And this slide as well, just set out who the Monitoring Officers are and their experience as well. So we've got Itantzu, Helen, Darryl, Angeliki and Ritchie. We've had to put two Monitoring Officers on the wastewater cohort, because it's quite a large cohort. But you can see here we've got sort of the Monitoring Officers experiences and credentials set on this slide as well. And so you can take a look at that at another time. But it's just to stress that they are, you know, technical experts in their areas, and are really, sort of really, enthusiastic to work with you on the Fund. Okay, so this slide sort of really crucial. So this is like the backbone of the monitoring process and how it works. So there's several touch points that we have in monitoring. So firstly, we have the baseline report, which you'll submit to us when your project has started, and this is a one off report which you'll send to us. This then is then followed by the biannual monitoring submission. We used to do it on a quarterly basis. Now we're on a biannual basis, and we'll be in touch with you to let you know when your first report is due, essentially, but you'll either be the monitoring quarters are January, April, July and October, so it'd be one of those, but we'll reach out to you about those. We'll then have a monitoring call with you, which is led by your Monitoring Officer. So essentially, what we do with your biannual monitoring report is to review it from a monitoring perspective. So we'll RAG rate it. The monitoring team will work with the Monitoring Officer to go through any questions we have and submit those to you ahead of the monitoring call. So you've got a bit of a heads-up with what we'll be asking you. We'll have the call with you, which will be a really good chance to touch base and to go through our questions. And then in the intervening quarters, we'll have a check in call with you, because obviously six months is quite a long time to go without speaking to you. So we arrange a half an hour call with you in that intervening quarter that's chaired by your

Monitoring Officer, and it's just an opportunity, just to find out how your project is progressing. And then we have the annual review of outputs and outcomes, and this is something that's tagged on to your monitoring report. So depending on where you fall in the monitoring frequency, it'll either be April or July, and I'll touch on that in a bit more in a minute. And then we have your final report, which is a one off report, and that is when your project has completed, and it's sort of summarizing everything that you've done on your project, key lessons learned, etc. And then we have the post-delivery impact report as well. So the next slide sort of walks us through a bit more what they are. And again, there's loads of information on these slides. I don't want to do a 'death by PowerPoint' situation, but essentially, just the baseline report, which I touched on earlier, is that one-off report. So this will need to be submitted when your project has started. As I said earlier, we'll be sending out the templates for that in the next couple of weeks or so, but essentially you'll need to submit this once your project has started. And we define your project as having started as follows: so you've had, have held, or are about to hold a project inception meeting, your team has been mobilized and has begun working on project delivery, and you've commenced work on the first activity identified in your program. So yeah, and then that is submitted on a platform called Alchemer, and we'll need to see an up-to-date spend, profile, program, risk register, etc. So that will be the first reporting requirement from you. And then we have the biannual monitoring submissions as well. So every six months, depending on when you fall in, the monitoring report reporting frequency, and it'll be January, April, July or October. We will review the report (the monitoring team will) alongside your Monitoring Officer as well. So the purpose of this is really to understand how you're getting on. Essentially, we really want to make sure that you are with well in terms of risks are really important for us as well. We need to have like, clear oversight if there's any new risks that have emerged on your projects, and we'll be checking in to see if your projects and how your projects going in terms of like delivery, timeline, etc., and capturing those lessons learned as well. We've got some examples in here of what we would like to see, and essentially, the more detail, the better. We want you to be quite specific in how you are reporting to us. So I think quite a few of you would have been involved in Ofwat Innovation Fund projects before, but I just wanted to provide this example to you so you can sort of see what we are expecting, and you can have a look at that once we send over the slides to you. So yeah, the main point is that we want to, yeah, see more detail, kind of not to submit things that are sort of really brief, and then we have to meet with you and sort of really unpick what you're saying. So this an example, and the lessons learned as well. Again, I've stressed that those are super important. So the more detail you could can provide, the better. And then biannual monitoring call I've just put in, like, the agenda of that, and I've already talked about that previously, but chaired by your Monitoring Officer. And the agenda is, you know, you'll be expected to provide a project update. Most projects prepare some slides ahead of the biannual monitoring call, and then we review the questions that we have had from your submissions and anything else that comes up on the call as well. So it's quite like an open, two way discussion, and that is 45 minutes long that call. And then we have the annual review of your outcomes and impact. So this is just an additional section to your monitoring report, and it will reflect on how your project has progressed over the previous year. So it's to assess the effectiveness and impact of the Fund etc. and it will support the evaluation research as well. And then the final report. Obviously, you guys are just starting, so quite a while away from submitting your final report. But in summary, it's just a report that you'll submit once your project has completed. It will reflect on the successes of the project and any lessons learned. It will be the executive summary that you produce will be published on the funds website as well. We've got some key timelines that we would like you to adhere to as well. So when I send over the email with all of the templates, you will see those. And obviously it's good for you to know what to expect at the end of your project and how much work is required to get into that report, but we've recently changed the template of the final report, and that's working really well. So yeah, let us know if you've got any questions on that.

And then obviously Reporting Project Change is really important to us. As a monitoring team, we want to be aware of what's going on so things to let us know ASAP is things like Project lead change, high risk timeline delays, etc. It's really important for us from a communication perspective, that you know, any changes in your delivery team as well, to let us know so we can change our mailing list, things like that. And then we also have a Project Change Request form as well. So if you need to change your end date, that's something that you'll need to send us, send across to us, and you also need to do the same for partner change and any significant scope changes as well. But you'll need to sort of give us a heads-up about that if you're planning on submitting one as well, and it's no cost fund extensions as well, just to highlight that.

Maria Smith, Arup
So that is an overview of monitoring I'm going to pass back over to Sam and stop sharing.

Samantha Flower, Challenge Works
Hello, everyone. Yes, we are scheduled to take a 10 minute break. Given that we are running significantly ahead of schedule, I'm wondering if people might want to raise their hand if they agree that maybe a five minute break would be sufficient, given where we're at. Yep, lots of hands popping up. Okay, great. In that case, I'm going to suggest that we reconvene at 35 minutes past. See you shortly. Thank You

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Samantha Flower, Challenge Works
Okay, that's the short break we said we were going to have. I just get a bit of a show of hands confirming that people are back. Lovely. I hear lots of pops! So I'm now going to hand over to my colleague Alex. She's going to be talking you through learning comms and opportunities.

Alex Wu, Challenge Works
Thank you, Sam. Hi to anyone who I've not met yet. I'm Alex. I'm an Assistant Program Manager at Challenge Works, and I work on our portfolio of funded projects across monitoring, comms and events. I might have met some of you through other funded projects or events. So hi again, and nice to meet anyone I've not met before. Next slide, please, Sam. So yes, I mentioned that I look after one of the things in my area is comms for the funds. So you might have attended the comms briefing a month or so ago ahead of the winners announcement, so I'll try not to retread too much ground there. On the comm side, this is done closely with Ofwat, our delivery partners and our PR agency Seven to make sure that we're spreading the word about our competitions as well as the innovations and the projects you're delivering and the impact that they have, or they might have once they're complete, for

customers, society and the environment. And this includes coordinating announcements about launches of new competitions, as well as announcing winners of our competitions, as well as on ongoing comms efforts about PR, social media and web content, as well as the occasional event that we're delivering or events that we're attending. But this isn't work that we can do in isolation, as demonstrated recently with the winners announcement. We work closely with you, and from time to time, we might be in touch to work with you on future comms opportunities that might be specific to your project, or how they kind of sit as part of the funds. And I'll give some examples throughout. In general, if we need information on your projects from you on an announcement, we'll try and use the non-confidential information that you've already provided to us, either through your winners page or via your monitoring form that Maria touched on earlier, but we'll often need to confirm if we've adapted it correctly, to check with you that the information is still correct and that you're happy with how it's been adapted. I mentioned the winners pages as part of the setup for the Breakthrough 5 winners announcements. Whilst these were created at the point of announcement at which the projects were awarded funding, we are aware that you know, the projects details change over time. These pages aren't meant to be static, and they're very much yours as you want to update over the life of the project. To keep people updated with what's happening, just let us know what changes you want and at the end of the project, once that final report process that Maria mentioned is complete, those pages will be updated with the executive summary from your final report, and we share kind of the project's outputs and the IP that's created with others. Next slide, please Sam. In some terms of PR for projects, we want to be showing the impacts that the projects are having and exciting opportunities and milestones that are taking place, whether you know some ground is being dug or you've launched a new report, for example, we really like to see real world impact, especially where there might be good photo or video opportunities that really tell the story of the project, or there could be some sort of site visit involved. So for example, a new trial site being set up, or there's something really exciting to share with the rest of the sector. So for example, earlier in the year, just as the water literacy program was about to launch its accreditation program, and they were looking for 2000 learners to take part in that program, they let us know that that was happening, and we were able to work with Ofwat to provide a quote as part of their press release. Another example was last year when the big river watch was about to go live. We worked really closely with the Rivers Trust to input into that press release and really promote the word of what they were trying to do as part of that project. Next slide, please. Maria, again, mentioned, learnings, and as this relates to comms, we really want to be doing more of sharing the knowledge insights and lessons learned from our funded projects. So again, this is another reason to keep us in the leap on major developments in your projects, or we might be in touch if we notice anything in your monitoring reports that we think is a good opportunity for you to share. And one way we share this learning is through blogs. And we've published lots of guest blogs on our website that share learnings and insights from projects, both from projects that are still in progress as well as projects that have completed. So for example, we did a series of three blogs early in the year featuring projects that had an international partner who are bringing some sort of technology or expertise to the project from elsewhere. We've done a couple of blogs from new you on their water industry print infrastructure projects, a couple from Anglian, one on the importance of partnerships, and one specifically on hydrogen projects and the specific things that other hydrogen projects might want to know or need to know before setting up. But these learnings also contribute towards events, so we've often invited speakers from projects to join speaking panels at external events to talk about their projects. So for example, we're hosting two sessions over June to talk about our new learning report, which is featuring eight projects working in the nature based solution space. So we're inviting some speakers from those projects that are featured in the report to talk about those projects, specifically. Next slide, please. So we've talked a lot about lessons, but what is it? And given how crucial learning is to the Ofwat Innovation Fund as a whole, we think it's worth touching on a bit more detail. So every project should be sharing its lessons learned primarily through the monitoring form and the monitoring process. And we're looking for lessons that are both positive and negative, because this helps the sector learn rather than repeating the same mistakes. So learning shares that you share with us might relate to the project, setup, program management of the project, as well as technical aspects of the project. So for example, you know, if there's specific things that are related to hydrogen, for example, that's really useful for us to share with other hydrogen projects, and then that allowed us to write a blog about it. Next slide, please. And then I won't go through this in too much detail, but these are some examples of kind of common things that we've seen about failures in project management from projects. So these might come up in delivery of your projects, and it's the type of thing that we want you to be sharing so that, again, others in the sector don't make the same mistakes or can learn from how you tackled those challenges. Next slide, please. And so inherent in the nature of innovation projects is trying new things and ways of working which might not always work and might have unintended consequences. And as a fund, we really welcome this kind of learning, so long as you're sharing this back with us, for us to disseminate across the sector. So for example, as seen on screen, if your project is trying to gasify sewage sludge, but you actually find that you're struggling to store the gas This is a valuable thing to share with us and tell us why that's happening. Or perhaps, if you're using AI to identify different types of algae, but find that it can track phosphorus and water, then tell us how you're doing that, and again, what you've learned from that. And as mentioned, we're always looking for synergies within our project portfolio, and that means that we can do things like put together our learning reports, which so far have enabled us to spotlight almost 30 projects across the entire portfolio across very disparate topic areas. So our first three reports published so far have been around circularity and water and resource recovery, water efficiency and supporting water efficiency in communities and customers as well as wastewater systems. And we're actually publishing our fourth report next week on nature based solutions and projects advancing nature first and community centric approaches, which is super exciting. Next slide please. And this slide is really to summarize kind of everything that I've talked about. So with all of your Breakthrough 5 projects joining the portfolio, we've now funded 109 projects across the Innovation Water Challenge, all the Breakthrough rounds and Discovery and from those lessons that you share with us through monitoring, this enables us to share this back with the sector via the quarterly learning newsletter and database, which you should receive already if you've been involved in other projects, and you will receive going forward, if you're new to the Innovation Fund, as well as those blog opportunities and learning reports that I mentioned, invites from us to speak at events, as well as updating your winners pages on the website. And all of this activity together enables greater adoption and rollout of successful projects across the sector, and enables the whole sector to learn from each other. If you skip ahead two slides, please, Sam, thank you. And just to summarize some resources after this webinar, we'll share the slides afterwards, but your 'go to' resource as a funded project is this information for winners page, which will make sure you get the link for. It covers everything from monitoring, whether that's, you know, deadlines, templates, information about Monitoring Officers and each type of reports and meeting that Maria covered, as well as information about comms, how to share learning and other information. We keep this page updated regularly throughout the year with changes to processes and templates, so do always in the first instance, check this if you've got any questions, do feel free to email us. And in this equivalent of the onboarding event last year, we had a number of speakers from various projects and water companies sharing their insights about some of the things that we've mentioned today. So if you're interested in any of these topics and want to look at the recording from that onboarding event, here are the links to the specific sections on how to set up your project for success, how to complete the final reports and expectations from that and why it's important, as well as why it's important to be sharing learnings from your project as you go along. I think that's everything from me. So it's back to Sam.

Samantha Flower, Challenge Works
Lovely. Thank you very much, Alex. Hope you all found that useful. I'm now going to touch extremely briefly upon Breakthrough 6. We always include a survey after any webinar that we hold, and this one's no different, so Zoom will pop this up at the end. We'll also send it out in that automatic email in a couple of days. But we're really interested to know what you thought about this session, but we're also sneaking in a question about Breakthrough 6. So Breakthrough 6 is going to launch on the 8th of September, and it will be broadly similar to Breakthrough 5. So over the summer, we're going to be designing Breakthrough 6, and although no major changes are expected, we're always keen to hear from entrants about their experience and how we can improve things. So we've included a question in the survey that will pop up afterwards, asking if you'd be happy to be contacted about Breakthrough 6. So please do answer that question positively if you'd be interested in speaking with us. So we are running significantly ahead of time, so I'm actually going to stop sharing. I'm going to invite the other people who've presented today to pop their cameras back on if they should like, and it's now my job to moderate the questions. Thank you so much for sending them in. We have been gathering them in the background, and if my co presenters are happy, I will ping the first one off. I think James actually already answered this in the Q &A tool, but someone asked whether the evaluation applies is only to Breakthrough 5 or 1-4 as well, and it does apply to 1-4, and indeed, the entire Innovation Fund. So hopefully that's answered you there Kieran. Moving on to the next question. I've got, I've got one for you here. Maria: Monitoring Officer - who's looking after bioresources?

Maria Smith, Arup
So we cover that within one of the wastewater categories. So Darryl is covering those projects. It's probably worth noting that we're looking at maybe renaming some of the titles for the cohorts as well as the fund gets bigger and bigger, sort of covering more topics. But that's Daryl How, who's covering bioresources.

Samantha Flower, Challenge Works
Lovely. Thank you, Maria. I've got another one here. I think this may have been answered already, actually. I assume you will have reporting templates and guidance for us to use.

Maria Smith, Arup
Yes, yes, we have all of that. We've got it all on the website as well, which Alex has touched on. And I'll send out an email as well, just attaching everything to the next couple of weeks.

Samantha Flower, Challenge Works

Lovely. I'm going to mix it up a bit and go across to Alex. Can you share an existing lessons learned from the program? It would be useful setting up governance and planning.

Alex Wu, Challenge Works
Yeah, I think we can probably, after this call, share the existing lessons learned database, where you can access basically every single lesson learned shared with us from every project so far in every single monitoring cycle, you can search and filter by type of lesson. So for example, you could, I think, set look up anything related to governance and planning.

Samantha Flower, Challenge Works
Amazing. Thank you, and I think I've got another one for you here on comms: we use spring as our comms dissemination. Should they be naturally liaising with you, or should the lead water company? Who do you prefer?

Alex Wu, Challenge Works
Absolutely. We know that lots of projects and water companies like to use spring as your dissemination partner, whether that's to host a showcase, etc. We often, once the project is complete, then link to that showcase from your winners page. For example, if you could keep us in the loop of you know what's happening whether you are hosting a showcase event, we can also promote if it's useful to do so.

Samantha Flower, Challenge Works
Lovely. Thank you. Back to you. Maria got one here about baseline reports: When the latest is that a baseline report could be submitted although a project has kicked off, there's a period of validation of program scope and budget forecast. For example, can a baseline report be submitted one to two months after the initial kick off meeting to allow for an accurate and up to date, validated baseline.

Maria Smith, Arup
I think we say for baseline, so for Breakthrough, for we ask projects to submit their baselines by December this year at the latest. So if that, if you still think you're not going to reach that, reach out to us. But as I said, when I send the email, I'll send sort of all of that information over. So we don't want you to submit your baselines and then have to change and update your information at a later date. We'd rather you have it all ready to go in that baseline report. So hopefully that provides some clarity if it's can all be completed before December.

Samantha Flower, Challenge Works
Lovely, another one for you. Alex: how many reports have been published, and can we access them somewhere?

Alex Wu, Challenge Works
Sorry, I lost all my um windows. Um, if it's learning reports, we've published three learning reports so far, and they can all be found on the website.

Samantha Flower, Challenge Works

Lovely. And another one for you, Alex. And this is the question I don't know the answer to, what is Kitchen Sink syndrome?

Alex Wu, Challenge Works
I did have to look this up, I confess, just because I didn't put together the slide. So it's a carryover from last year. Apparently, kitchen sink syndrome is the idea that partners might bring up past grievances and unrelated issues during a project to kind of divert attention from whatever you're currently discussing.

Samantha Flower, Challenge Works
Interesting. There was me thinking that it meant you included absolutely everything, including the kitchen sink. Alex, you happy to take another one? Is there a plan for a knowledge share repository currently acquiring technical in any reports has been challenging. We've been told by ourselves to approach the individual project leads, which is not ideal, if not impossible. We need a single location that can be viewed and sign out reports, etc.

Alex Wu, Challenge Works
I'm not sure if this is like final reports from projects. I don't think currently there's a plan for the Fund to have a knowledge share repository in terms of when the project is complete. If you've got like reports from the projects that are publicly accessible and you're happy for me to be shared, we can link to those on your winners page, but as you say, that is on individual project pages. We do understand that some things you might not want publicly available, so that's why you might have to approach the individual project leads of a project. But we can definitely take that away.

Samantha Flower, Challenge Works
And yes, I was going to say, let's, let's go and share some findings. Amazing. Maria, back to you for a moment. Do Monitoring Officers wish to participate in project governance, or just do calls and reporting?

Maria Smith, Arup
Yeah so the Monitoring Officers won't be participating in the governance per se, they'll just be attending the calls for now, when we were preparing the scope for the Monitoring Officers, there's obviously so many opportunities that Monitoring Officers could attend project meetings, etc. but they will just be attending the calls and reviewing your reports.

Samantha Flower, Challenge Works
Lovely. While I just look up the next question for Alex, if anyone has any further questions for James? I know he's been ultra efficient and managed to answer them while we've been live, but he has stuck around. So if anyone does have any further questions for James and ICF, that would be great for you to pop them in the Q&A box. Alex, another one for you: Occasionally we've had requests to help on comms where our previously submitted, submitted info has not been reused, and we're expected to start with a blank page, frustrating and time consuming for us delivery people, can you confirm that you will be able to draft possible comms you're looking for and for lead water companies to add and finalize as this would help us all round?

Alex Wu, Challenge Works
Yeah, I think it might depend on the opportunity. For example, if projects we've got, you know, any information about a project from three years ago when it was set up, we might ask then for you to give us an update, rather than use out of date info where we can, we can try and draft comms where possible. But we do like for this to come from the project themselves, rather than us try and assume what you want to say. But yeah, we can, we can work with you on this.

Samantha Flower, Challenge Works
Okay, thank you. Alex. I've got one for me. You stated that the slides were available. Will the recording be available? Yes, the recording will be available, including my slide being missing and me having to do it on the fly. So yes, that will be uploaded to Vimeo in the coming days, and we'll share the video, the transcript and the slides with you. It'll all be on that Information for Winners page. Maria, I note that there are two Monitoring Officers for wastewater. One is geographically close to the heart of our project. Can we influence who we work with? Given the geographic proximity, could be advantageous for both sides.

Maria Smith, Arup
Yes, I don't see any reason why they couldn't do that. Do we know what project that is actually? So I can make a note.

Samantha Flower, Challenge Works
Yes, whoever it was who asked that, I'm not sure that I can see, oh, James Sumsion. Sorry, James if I'm getting your pronunciation wrong. So we can, we can reach out to James on that. And yeah, can note to do that. Amazing. Okay, well while George just enters that last one in...what happens if we end up with an underspend at the end of a project, this is probably to you and me, Maria, so I'm well aware that should a project not finish, it is it has to pay back any outstanding funds. But if there's just, just, if there is an underspend, I'm assuming that money needs to come back to us as well.

Maria Smith, Arup
We do. I don't know. Alex, do you want to jump in there? Because you've gone off mute, yeah, I think it really depends on the project circumstances. I think we've had a couple of projects where this has come up previously, and we've asked that they try and spend it on perhaps dissemination activities. But I think it's a very much case by case basis, and might depends on how much money as well. But I know we're definitely working on a plan on like assets that still exist after projects is finished, and I think this would also cover any underspend. So watch the space.

Samantha Flower, Challenge Works
Lovely. Thank you, Alex, and this is possibly one for you and me, Alex...the second to last question on the Q&A, it might be easier for you to have a read of it instead, of while I read it out. So if a catalyst project stops and funding is clawed back, does that always include the 10% contribution first? For context, if a project first phase was a feasibility study and the second phase is implementation, which is one of the reasons why partners agree to contribute. Can you clarify? I'm not sure I have the answer for that. If you don't have the answer for that, then we can go away and look into that and come back.

Alex Wu, Challenge Works
Yeah, I don't think I do. I think it might depend on the circumstances of the projects.

Samantha Flower, Challenge Works
Yeah, I'll go away and get some clarification on that could be potentially something we pop into the FAQs as well. So yes, we will. We will look into that and let you know. You just check who that was. It's anonymous, right? We'll just share that with everyone. Okay, right. Will the review look at transition of learning into BAU via industry standard guidance? Biased question from..., let me just check this. This is from Andy Moore's so this is directed to James. James, are you comfortable answering this one? You're on mute. There we go.

James Leather, ICF
I don't think that's one for our evaluation.

Samantha Flower, Challenge Works
Okay, no worries, Annie, what I might do is reach out to you directly, if that's possible, and I can then add the what we learn into the information for winners page. Lovely, just checking to see that we've answered everyone's questions. Also, if there are more questions please do add them in. We have technically got another hour. I'm betting you'd all like an hour of your lives back. But we are here as long as you need us to be. Okay. Oh, look. Are we getting any more in? Yeah, we've got a couple coming in there. James Sumsion and has come back and said, 'Water quality monitoring with drones in coastal settings'. Maria,

Maria Smith, Arup
Amazing, thank you.

Samantha Flower, Challenge Works
And another comment for you, I think there Maria in the Q&A's.

Maria Smith, Arup
Yep. All good

Samantha Flower, Challenge Works
Okay. Great stuff. Just give a few more minutes for any more questions to come in just we'll remind you, please do fill out our lovely survey. You know how we like data, and we are keen to chat to anyone who might be interested in commenting on Breakthrough 6 design. We are in the process of kicking that off now. I said the summer but I'm looking out the window. It's not looking very summery right now but we are actually starting already. Otherwise, I'd just like to say thank you very much for everyone who's presented today, particularly James, who's come in from ICF, and saying hello to everyone for the first time. Thanks Maria for picking up the reins from Arup, and also Alex, thank you very much for covering learning and comms. We will get cracking on that transcript and the other bits and pieces. So do expect an email from us in the next couple of days. And thank you very much for George in the background too, for managing all the questions and making it all magically happen. Awesome. Thank you very

much everyone. I'll give you an hour of your lives back. Have a wonderful rest of the day, and we'll speak soon. Thank you. Bye.