**CDRP24 Bidders Webinar**  
  
11 December 2023 . 16:54 . ID: 128173925 **Transcript**

00:01 - 00:03 **[speaker unknown]**  
This conference will now be recorded.

00:05 - 00:05 **Nils Hempelmann (OGC)**  
Alright.

00:05 - 00:16 **Nils Hempelmann (OGC)**  
Then welcome, everybody, to the bidder's Q and A Question and Answers session for the Climate and Disaster Resilience Pilot, which is upcoming next year.

00:17 - 00:25 **Nils Hempelmann (OGC)**  
The call for participation is still running until the end of this month, and this is now the time where we can kind of make them short inside them.

00:27 - 00:41 **Nils Hempelmann (OGC)**  
Questions To help you along and setting up the proposals, I will make a short presentation on on that site, so just to kind of bring everybody on on board with a welcome, that's the point, But we are for the moment.

00:41 - 00:56 **Nils Hempelmann (OGC)**  
And I'm sure you all to watch on the, the ongoing activities, which is as well in the emergency for the moment, as well, as, well, it's all pilots and events with test beds as well.

00:57 - 01:18 **Nils Hempelmann (OGC)**  
Then for all, the people who are new and not familiar with ..., stored inside of how the teacher is, is, will be rolled out and out, become a participant of the upcoming pilot in case of the, your proposal is being accepted.

01:18 - 01:24 **Nils Hempelmann (OGC)**  
And then we'll deep dive more into the design of the Climate Disaster Resilience pilot.

01:24 - 01:30 **Nils Hempelmann (OGC)**  
And here you see also the abbreviation ..., 24, that's kind of insured.

01:32 - 01:34 **Nils Hempelmann (OGC)**  
And then we can head to the question and answers.

01:35 - 01:45 **Nils Hempelmann (OGC)**  
Session that's or GC, You also saw that for everybody who is not knowing that, and it is, we are an ..., and member driven organization.

01:45 - 02:04 **Nils Hempelmann (OGC)**  
So, well, most of the people here on the call, our agency members and, if you're interested in winning the proposal, then you are going to become an Odyssey member as well, showing that afterwards and then altogether, we are driving it forward in the ideas of collaborative solutions.

02:04 - 02:10 **Nils Hempelmann (OGC)**  
And, and that's the kind of the main goal of executing the pilots.

02:11 - 02:16 **Nils Hempelmann (OGC)**  
And this pilot has a special focused on climate and disaster resilience.

02:16 - 02:25 **Nils Hempelmann (OGC)**  
We had dedicated climate resilience pilot last year, or this year, as well as disaster resilience Pilot.

02:25 - 02:31 **Nils Hempelmann (OGC)**  
No, we are bringing both together and since they are closely related, or even the same.

02:32 - 02:35 **Nils Hempelmann (OGC)**  
Then, but on the side of that, we have other pilots.

02:35 - 02:45 **Nils Hempelmann (OGC)**  
We have the Open science persistent demonstrators and that the call for participation has been ended already and we're now in the phase phase of evaluation.

02:45 - 02:54 **Nils Hempelmann (OGC)**  
And setting up bringing the contracts in place called for participation for the Climate Disaster Resilience Pilot is still ongoing until the end of this month.

02:54 - 03:02 **Nils Hempelmann (OGC)**  
And then, in the beginning of January we're going to have the kickoff for this for this pilot.

03:02 - 03:08 **Nils Hempelmann (OGC)**  
Then, also in the, in the phase, we have a second second phase already lined up.

03:08 - 03:27 **Nils Hempelmann (OGC)**  
So, that's the current idea, starting around April, and then running into September, October, and most likely, if everything is working smoothly, then we will have already kind of the third phase, then buy them in place.

03:27 - 03:36 **Nils Hempelmann (OGC)**  
That means that this climate disaster resilience pilot is going into loading pylons without any kind of interruption in between.

03:37 - 03:43 **Nils Hempelmann (OGC)**  
We have then on the other side, the Federal Marine SDI to spot your data infrastructure pilot, which is upcoming next year as well.

03:43 - 03:51 **Nils Hempelmann (OGC)**  
It's very closely also connected to climate and disasters or at least climate that we have the urban, urban digital twin pilot.

03:52 - 03:59 **Nils Hempelmann (OGC)**  
Here, climate is kicking in as well and we have to test 20 upcoming that wasn't strong focus on analyzes three-d.

03:59 - 04:02 **Nils Hempelmann (OGC)**  
Data, which is related to all the topics as well.

04:03 - 04:07 **Nils Hempelmann (OGC)**  
And we're making sure for sure that internally that we're having your Gs in-between.

04:08 - 04:16 **Nils Hempelmann (OGC)**  
And you are welcome to, to kind of supplement proposals to, to all of these pilots.

04:16 - 04:18 **Nils Hempelmann (OGC)**  
If you have the capacity is on your side.

04:19 - 04:26 **Nils Hempelmann (OGC)**  
A more dedicated, a more kind of fine tuning for the upcoming Climate and Disaster Resilience Pilot.

04:26 - 04:37 **Nils Hempelmann (OGC)**  
So, by the end of January, we should have the participants selected, as well as, also will have all the contracts in place.

04:37 - 04:50 **Nils Hempelmann (OGC)**  
So, we will have a kind of tight January, and having in mind that there is still the Christmas days, and many people will be in vacation, but watch out to for your, For your notifications.

04:50 - 04:56 **Nils Hempelmann (OGC)**  
So in case of your selected, in the end of January, we're already starting.

04:57 - 05:03 **Nils Hempelmann (OGC)**  
We will have an emergency member meeting in March than the end of the last week of March.

05:03 - 05:07 **Nils Hempelmann (OGC)**  
So, here, there is Water Domain Working Group Meeting, for sure.

05:07 - 05:08 **Nils Hempelmann (OGC)**  
And.

05:08 - 05:09 **Guy Schumann - RSS-Hydro**  
Set it up on.

05:09 - 05:11 **Nils Hempelmann (OGC)**  
The 19th of April.

05:11 - 05:18 **Nils Hempelmann (OGC)**  
We would like to have the first draft of the Engineering report in place.

05:18 - 05:30 **Nils Hempelmann (OGC)**  
And then in my in 19, so my, we have a preliminary dem on Demonstration Meeting lined up, so it will be taken virtually.

05:31 - 05:38 **Nils Hempelmann (OGC)**  
So, to have kind of an snapshot of our, of the, of the ongoing work.

05:38 - 05:47 **Nils Hempelmann (OGC)**  
And then by the end of June, there is the agency member meeting in Montreal, which will most likely also have very strong focus on climate and disaster.

05:48 - 05:53 **Nils Hempelmann (OGC)**  
There is going to be the closing workshop, as well as also the Engineering Report.

05:54 - 05:58 **Nils Hempelmann (OGC)**  
The report in an altar call, we call it the submission ready format.

05:58 - 06:10 **Nils Hempelmann (OGC)**  
So that kind of just only a little bit of fine tuning is being necessary to be submitted for, for voting and evaluation for body by the domain working group.

06:10 - 06:24 **Nils Hempelmann (OGC)**  
We have in June also Innovation days in Europe, so montrealers in Canada and then in Tallinn in Tartu in Estonia, there's going to be innovation days, as well, again, with a strong focus on climate.

06:24 - 06:27 **Nils Hempelmann (OGC)**  
Here, more than climate and land monitoring.

06:28 - 06:32 **Nils Hempelmann (OGC)**  
That's still to be decided in detail, but that's going to be the direction.

06:33 - 06:42 **Nils Hempelmann (OGC)**  
Then most likely, or hopefully we're running the second phase, which is then running on two September, October.

06:42 - 06:46 **Nils Hempelmann (OGC)**  
And the UGC member meeting in September and he's going to be here.

06:46 - 06:51 **Nils Hempelmann (OGC)**  
One of the points where we can have than the closing workshop on on that face.

06:52 - 06:54 **Nils Hempelmann (OGC)**  
And then by the end of the year you see in the ...

06:54 - 07:00 **Nils Hempelmann (OGC)**  
And the UN CCD, the Conference of the parties of these two United Nations Bodies.

07:01 - 07:04 **Nils Hempelmann (OGC)**  
Where we are heading to where we are focusing on.

07:04 - 07:13 **Nils Hempelmann (OGC)**  
And that's already giving kind of a bit of a flavor where, where the Climate and Disaster Resilience Pilot is is moving to.

07:14 - 07:23 **Nils Hempelmann (OGC)**  
We have a lot of meetings and webinars also left and, right, so January is already very busy.

07:23 - 07:27 **Nils Hempelmann (OGC)**  
We have 2, 2 webinars dedicated to.

07:29 - 07:50 **Nils Hempelmann (OGC)**  
Did the national mapping and condesa agencies one in Spanish, one in English, and that's coming and focusing on the to enable ecosystem of Europe or in four inch or 2 G 3, we have a second webinar also connected to the Climate and disaster stakeholder.

07:50 - 07:59 **Nils Hempelmann (OGC)**  
Community co-ordination group topic is needs to be decided, and, but the the time slot is already kind of in place.

07:59 - 08:09 **Nils Hempelmann (OGC)**  
And then, focusing on the stakeholder community webinars, and the monthly meetings, which are ongoing the times, are already in place.

08:09 - 08:10 **Nils Hempelmann (OGC)**  
Topics needs to be decided.

08:11 - 08:13 **Nils Hempelmann (OGC)**  
If you have ideas, let us know.

08:13 - 08:16 **Nils Hempelmann (OGC)**  
We can bring that in in the, into the agenda.

08:17 - 08:27 **Nils Hempelmann (OGC)**  
We have the climate resilience to men working group, with an, with the ongoing discussions on kind of their climate services and everything which is related to that.

08:28 - 08:36 **Nils Hempelmann (OGC)**  
And also, monthly meetings that the times are here in place, except in March.

08:36 - 08:44 **Nils Hempelmann (OGC)**  
There is the member meetings, or it will not have an online, and then September again, So this are the months which are missing.

08:45 - 08:49 **Nils Hempelmann (OGC)**  
And then we also, in parallel, have the Emergency Response and Disaster Domain Working Group.

08:50 - 08:52 **Nils Hempelmann (OGC)**  
But the monthly meetings needs to be decided.

08:53 - 09:03 **Nils Hempelmann (OGC)**  
So, they have just the new Chairs now, and the Times needs to be decided when this domain working group is meeting.

09:03 - 09:04 **Nils Hempelmann (OGC)**  
And continuing with their discussions.

09:06 - 09:09 **Nils Hempelmann (OGC)**  
Continuing with that, so the we are here.

09:09 - 09:18 **Nils Hempelmann (OGC)**  
We're now in the second and point to the call for participation is out is public, and that's why you are kind of able to dial in here.

09:19 - 09:21 **Nils Hempelmann (OGC)**  
You're preparing your proposal.

09:21 - 09:25 **Nils Hempelmann (OGC)**  
The proposal is doing the end of December as set already.

09:25 - 09:29 **Nils Hempelmann (OGC)**  
And then it is being submitted to ...

09:29 - 09:37 **Nils Hempelmann (OGC)**  
We're making in evaluation, selecting the best fittings that might be kind of ties of negotiations.

09:37 - 09:41 **Nils Hempelmann (OGC)**  
We could change that a little bit, so probably we need to.

09:43 - 10:02 **Nils Hempelmann (OGC)**  
Reduce it, or enhance it or change a little bit of the direction, but there's and files of negotiation to bring the contract in place, and once that's been happening, all of the participants are supposed to be O G C members.

10:02 - 10:17 **Nils Hempelmann (OGC)**  
So that means so that currently, if you are not an urgency member for now, in the moment, your proposal is been selected, and you are agreeing on, on the, on the, on the work items on that.

10:17 - 10:21 **Nils Hempelmann (OGC)**  
And it includes this step that you are becoming OTC members.

10:23 - 10:45 **Nils Hempelmann (OGC)**  
And so, once everything has been set, so, the number three will be will be done in, in January, we are executing using the The initiative as the timeline I have shown there, we will have and strong Inside of this bonds or so, they will always have a look on in the pilot in the English.

10:46 - 10:48 **Nils Hempelmann (OGC)**  
It's running, in the, in the in the right direction.

10:49 - 11:01 **Nils Hempelmann (OGC)**  
Normally, that's been done by weekly calls so that we kind of giving us updates on what's going on and then that we're moving towards a collaborative solution by the, but the end of day initiative.

11:03 - 11:08 **Nils Hempelmann (OGC)**  
The deliverables, I would hand over to Rachel.

11:08 - 11:17 **Nils Hempelmann (OGC)**  
She was more involved in the writing and editing the call for participation and is more into details with all the, did, the deliverables.

11:17 - 11:19 **Nils Hempelmann (OGC)**  
So Rachel, Thank you.

11:20 - 11:20 **Rachel Opitz (OGC)**  
Great.

11:20 - 11:21 **Rachel Opitz (OGC)**  
Thanks, Neal's.

11:21 - 11:29 **Rachel Opitz (OGC)**  
Just to run through these quickly before we dive into the questions that were present in and then go into any questions you have.

11:29 - 11:36 **Rachel Opitz (OGC)**  
So all GC initiatives have a D 101, which is an engineering report.

11:36 - 11:42 **Rachel Opitz (OGC)**  
So for this deliverable, we're looking for someone to lead on editing this report.

11:42 - 11:48 **Rachel Opitz (OGC)**  
And then everyone who is involved in the pilot contributes to writing sections that reflect their work.

11:48 - 11:52 **Rachel Opitz (OGC)**  
So this is very much a collaborative authorship effort.

11:52 - 11:59 **Rachel Opitz (OGC)**  
So if you have prior experience editing group publications, that's probably a good qualification for this.

11:59 - 12:15 **Rachel Opitz (OGC)**  
And just to say, as well, for those of you who are longer term AGC participants that we are actively looking at changing a little bit, the way we do the engineering reports to make them would be a bit shorter and tighter in terms of the technical materials.

12:15 - 12:23 **Rachel Opitz (OGC)**  
But looking at building out some complimentary publications, talking more about the impact of what was done and greater focus on lessons learned.

12:23 - 12:30 **Rachel Opitz (OGC)**  
So, we hope that whoever takes on, will be willing to work with us as we pilot how we do our pilots as it were.

12:31 - 12:34 **Rachel Opitz (OGC)**  
The second deliverable that's listed ...

12:34 - 12:52 **Rachel Opitz (OGC)**  
One-on-one eight is really looking for someone to take special charge of an engineering report sections on one part of this larger report that will be headed with a focus on how we move from analysis ready data to decision ready indicators for decision making.

12:52 - 12:56 **Rachel Opitz (OGC)**  
So, it's very open in terms of the use case.

12:56 - 13:04 **Rachel Opitz (OGC)**  
I would recommend having a look at the list of nomadic focuses at the top of the section that it's listed in.

13:04 - 13:13 **Rachel Opitz (OGC)**  
So, with the particular types of disasters and climate events that are connected to this so, it's everything from earthquakes, two typhoons to landslides.

13:14 - 13:24 **Rachel Opitz (OGC)**  
We don't have a particular application area that we're referencing, so wherever your strength is, but do have a look at the top of the section if you want a bit of a SEER on what we're looking for, the air.

13:24 - 13:34 **Rachel Opitz (OGC)**  
And, what our sponsors are looking for, that D, one-on-one nine, we're looking for workflows to produce indicators of health impacts of extreme events.

13:34 - 13:45 **Rachel Opitz (OGC)**  
So essentially, what it says on the tin, the connection between disasters, particularly those that are perhaps happening more frequently or more intensely due to the change in climate.

13:45 - 13:51 **Rachel Opitz (OGC)**  
And then the impact of those on human health, and in this we're looking for are working with prototypes.

13:51 - 14:00 **Rachel Opitz (OGC)**  
So a software tool that can be demonstrated, and here I'd like to draw everyone's attention to the links with the open science persistent demonstrator.

14:00 - 14:10 **Rachel Opitz (OGC)**  
So as you know, with a GC, we often are asking you to make your software prototype available for a certain period of time in a persistent demonstrator.

14:10 - 14:26 **Rachel Opitz (OGC)**  
And while we're not requiring it, we encourage you to consider links to work that is going to be taking place in the OSP D Where obviously in an early stage in that right now, but that's certainly something worth thinking about, whether you would be interested in making that connection.

14:27 - 14:38 **Rachel Opitz (OGC)**  
For D 121, we are looking for workflows that are connecting data, software, particularly data from sensors.

14:38 - 15:00 **Rachel Opitz (OGC)**  
So, when we say suites of data and data from sensors, more the mix of traditional say, statistical econometric satellite together with data that's perhaps coming from IOT sensors, or kind of distributed sensor sets for a digital twin of whether or assessments of climate change for urban scenarios.

15:00 - 15:01 **Rachel Opitz (OGC)**  
So urban digital twins.

15:02 - 15:04 **Rachel Opitz (OGC)**  
So, again, we're very open to the specific use case.

15:04 - 15:14 **Rachel Opitz (OGC)**  
It could be a city anywhere in the world, but please do make sure that that remains focused on urban digital twins, as opposed to generic digital.

15:14 - 15:16 **Rachel Opitz (OGC)**  
Twins are ones for rural areas.

15:16 - 15:18 **Rachel Opitz (OGC)**  
We're very much looking for that urban use case.

15:19 - 15:36 **Rachel Opitz (OGC)**  
So, moving on to D 123, we're looking for a gan, a written report, so someone to take special charge of an engineering report section looking at metadata and spatial data infrastructure efficiencies.

15:36 - 15:44 **Rachel Opitz (OGC)**  
So, how we can create better made metadata and more efficiently work with STIs through artificial intelligence.

15:45 - 15:55 **Rachel Opitz (OGC)**  
So, obviously, there should be a link to either a climate resilience or emergency and disaster management use case in this.

15:55 - 15:59 **Rachel Opitz (OGC)**  
So, you need to be kind of dealing with both the technical aspects.

15:59 - 16:03 **Rachel Opitz (OGC)**  
So, how we improve our work with metadata and STIs through AI.

16:03 - 16:06 **Rachel Opitz (OGC)**  
But there shouldn't be a clear link to a use case there.

16:06 - 16:08 **Rachel Opitz (OGC)**  
So I think that's an important thing to highlight on that.

16:09 - 16:23 **Rachel Opitz (OGC)**  
D 124, We're looking for visualization that shows specifically how we are moving, how we are creating the interoperability between climate systems, and then disaster resilience, emergency management systems.

16:23 - 16:28 **Rachel Opitz (OGC)**  
So this is, we're really looking for visualization of how we make that bridge.

16:28 - 16:34 **Rachel Opitz (OGC)**  
So hopefully, that gives everyone a steer on the big list of deliverables in section 22.

16:36 - 16:38 **Rachel Opitz (OGC)**  
Now, with a quick race through section 2 3.

16:38 - 16:43 **Rachel Opitz (OGC)**  
Starting with D 130, we're, again, looking for an engineering report section.

16:43 - 16:51 **Rachel Opitz (OGC)**  
So a written report on the main components and workflows for a range of phenomenon.

16:52 - 17:12 **Rachel Opitz (OGC)**  
And really looking at how we can connect together, the systems that are managing data and informing response, and preparation for these different kind of extreme weather events and the climate data that is being used.

17:12 - 17:24 **Rachel Opitz (OGC)**  
So we are looking for someone to essentially do an assessment of the software tools and workflows, data sources that are available on each of them and how interoperable they currently are and how we can connect them together.

17:26 - 17:35 **Rachel Opitz (OGC)**  
So and I would also highlight on that, that this section, one of our sponsors for this particular call, is the A to B U S R D C.

17:35 - 17:37 **Rachel Opitz (OGC)**  
I think I've gotten the acronym right.

17:37 - 17:38 **Rachel Opitz (OGC)**  
Please forgive me if I haven't.

17:39 - 17:46 **Rachel Opitz (OGC)**  
But the agriculture, Rural Development and Waterboard from Taiwan, so this is really globally leading products.

17:46 - 17:51 **Rachel Opitz (OGC)**  
So, bear in mind, the global scope of this when you're working on that deliverable.

17:51 - 18:06 **Rachel Opitz (OGC)**  
And then D 131, we're looking for demonstrators to produce indicators of landslide that basically do a better job than the current state of the art at integrating typhoon, end or atmospheric data.

18:06 - 18:09 **Rachel Opitz (OGC)**  
So again, we're looking for a practical demonstrator.

18:09 - 18:12 **Rachel Opitz (OGC)**  
And if it is possible, if you feel you can support a link to the ...

18:12 - 18:22 **Rachel Opitz (OGC)**  
Pd, that's something we would be interested in D 132 We're looking for a workflow or operational prototype.

18:22 - 18:30 **Rachel Opitz (OGC)**  
So again, a software package for an early warning system for flooding compatible with the DSW see gotten it.

18:30 - 18:30 **Rachel Opitz (OGC)**  
Right?

18:30 - 18:36 **Rachel Opitz (OGC)**  
Because it's written there, yellow red landslide system, so please go if you're interested in bidding on this.

18:36 - 18:38 **Rachel Opitz (OGC)**  
Have a look at their current system.

18:38 - 18:43 **Rachel Opitz (OGC)**  
And then look at how a early warning system could be developed.

18:43 - 18:59 **Rachel Opitz (OGC)**  
That is compatible specifically with their existing system, and we're then looking really for some reporting alongside with the prototype that sets out that evaluation of what the key modifications would need to be to have a strong early warning mechanism.

19:00 - 19:03 **Rachel Opitz (OGC)**  
And last, but not least, we're then, looking for a three-d.

19:03 - 19:13 **Rachel Opitz (OGC)**  
Visualization of underground assets for that would be relevant to an interoperable climate, and disaster resilience data system, in a mountain context.

19:13 - 19:22 **Rachel Opitz (OGC)**  
And, again, this is global in scope, So please, kind of keep in mind the global nature of that, if you are bidding for that item.

19:23 - 19:26 **Rachel Opitz (OGC)**  
So I'm going to stop there.

19:26 - 19:28 **Rachel Opitz (OGC)**  
Hopefully, that gives everyone an overview.

19:28 - 19:32 **Rachel Opitz (OGC)**  
And I think we're now going to go through.

19:32 - 19:35 **Rachel Opitz (OGC)**  
As you can see, we've got our layout of the schema.

19:35 - 19:38 **Rachel Opitz (OGC)**  
So this is just a diagram that we're drawing your attention to.

19:38 - 19:43 **Rachel Opitz (OGC)**  
It's in the call for participation that shows how all of these different elements fit together.

19:43 - 19:53 **Rachel Opitz (OGC)**  
So just to underscore, particularly for people who are new to the UGC pilot system, that we have all the separate deliverables, but this is really a collaborative innovation process.

19:54 - 20:10 **Rachel Opitz (OGC)**  
So we're going to be looking for you to work with other partners, to discuss with them and to bring together all of these different work streams to comment on one another's work and to support one another to make interoperable and connected components.

20:10 - 20:12 **Rachel Opitz (OGC)**  
Neal's move to the next slide, please.

20:14 - 20:17 **Rachel Opitz (OGC)**  
So, yes, now we're jumping over to the questions and answers.

20:17 - 20:24 **Rachel Opitz (OGC)**  
So, I'll start with the ones we received in advance and then we will open up you further questions from the floor.

20:25 - 20:33 **Rachel Opitz (OGC)**  
So, the first question we received in advance was, Is the Collective engineering report assumed to be related to the other deliverables offered?

20:34 - 20:35 **Rachel Opitz (OGC)**  
And the answer to that is, Yes.

20:35 - 20:52 **Rachel Opitz (OGC)**  
So, the Collective Engineering Report is basically a collective documents, one person leads on editing it, everyone helps to write it, and it is reporting on all of the work and the technical work that is done in the pilot, So, it is entirely dependent on that.

20:53 - 21:06 **Rachel Opitz (OGC)**  
Then, the information is therefore, contributed by all of the participants, So if you've ever been involved in writing an edited book, it's a bit like that, where you are really pulling things together from lots of different chapter authors.

21:06 - 21:08 **Rachel Opitz (OGC)**  
The second question.

21:08 - 21:24 **Rachel Opitz (OGC)**  
We had D 101 and D 0 0 1, or indeed, separate, apologies for a typo in the CFP, but D 0 0 1 is the engineering report, and then do you want to one is the first deliverable from Section two.

21:26 - 21:35 **Rachel Opitz (OGC)**  
So, will any representative data be provided for deliverables, or do you source data yourselves and document the availability and pipeline for acquiring?

21:35 - 21:49 **Rachel Opitz (OGC)**  
So, the way that this normally works is that when you are bidding for participation in an AGC pilot, you come with an in kind item that you are bringing and that is often data.

21:50 - 21:59 **Rachel Opitz (OGC)**  
So, while you as an individual organization might not have the sources of the data yourself, you might be able to leverage data that is being sourced by someone else within the pilot.

21:59 - 22:12 **Rachel Opitz (OGC)**  
There is the expectation that some participants in the pilot will be contributing data that they already hold, or that they are already providing via their services that is held by someone else meals.

22:12 - 22:14 **Rachel Opitz (OGC)**  
Did you have anything else you wanted to add on that one?

22:17 - 22:19 **Nils Hempelmann (OGC)**  
Millimeter, know that, Yeah, that's, that's fine.

22:20 - 22:27 **Nils Hempelmann (OGC)**  
Um, in kind in kind contribution is is the way how the the pilots are being organized.

22:27 - 22:40 **Nils Hempelmann (OGC)**  
So that everybody is coming with their own kind of ongoing activities and then the, the the pilots are also a bit meant to kind of support your, your work that you are, that you are running.

22:41 - 22:42 **Nils Hempelmann (OGC)**  
On your, on your site, anyway.

22:43 - 22:43 **Nils Hempelmann (OGC)**  
Yeah.

22:46 - 23:01 **Rachel Opitz (OGC)**  
Yeah, so I would say that if you are planning to work on a deliverable and you don't have the data available yourself to work on it, certainly note that in your proposal, we can take it into consideration and we can try and do some matching between participants.

23:01 - 23:16 **Rachel Opitz (OGC)**  
And this is part of the collaborative process that one participant might come with the data source that that helps support another participant to demonstrate a software tool, so these things can be negotiated as part of the contracting process.

23:17 - 23:20 **Rachel Opitz (OGC)**  
We had a very practical question, the next one.

23:20 - 23:26 **Rachel Opitz (OGC)**  
If AWS or Google Cloud computing will be available during the pilot to test, the answer is TBC.

23:27 - 23:36 **Rachel Opitz (OGC)**  
So to be concerned in past pilots, including the disaster pilot, we have been able to make available AWS credits.

23:36 - 23:38 **Rachel Opitz (OGC)**  
And cloud computing resources.

23:38 - 23:44 **Rachel Opitz (OGC)**  
We will certainly be re-opening the conversation with AWS and Google about providing those resources.

23:44 - 23:48 **Rachel Opitz (OGC)**  
But I can not yet given a definitive answer at this time.

23:48 - 23:53 **Rachel Opitz (OGC)**  
We will hope to come back to you as soon as possible and let everyone know certainly by the kick off meeting.

23:55 - 24:03 **Rachel Opitz (OGC)**  
The next question is the comment to select the best candidate one to cover all the objectives or a subset.

24:03 - 24:10 **Rachel Opitz (OGC)**  
So hopefully, it is clear, from my emphasis on collaborative innovation, that we're not looking for one candidate to do every single deliverable.

24:10 - 24:19 **Rachel Opitz (OGC)**  
In here, We're looking for a wonderful consortium of candidates of different organizations who will come together to cover the different objectives.

24:19 - 24:22 **Rachel Opitz (OGC)**  
Some objectives may be led by one participants.

24:22 - 24:24 **Rachel Opitz (OGC)**  
Some objectives may be funded more than once.

24:25 - 24:30 **Rachel Opitz (OGC)**  
So, multiple instances or we may bring together more than one participant to work on something.

24:30 - 24:34 **Rachel Opitz (OGC)**  
So, it is certainly a multiple candidate situation.

24:35 - 24:38 **Rachel Opitz (OGC)**  
And then, finally, the last one, the IPR requirements.

24:38 - 24:51 **Rachel Opitz (OGC)**  
So, I will momentarily, pop the link to the juicy IPR requirements in the chat, but they are published online, and I encourage you to go and read them in detail.

24:52 - 25:00 **Rachel Opitz (OGC)**  
So, I'm going to stop there for the moment, and pop that into the chat, and we will now take questions from the group.

25:01 - 25:06 **Rachel Opitz (OGC)**  
And, I think Neal's are ideas that we're going to stop recording at this point, so that everyone can openly ask questions.

25:06 - 25:09 **Rachel Opitz (OGC)**  
But, we will take notes and summarize your answers.

25:09 - 25:12 **Rachel Opitz (OGC)**  
So, I'm going to end the recording now.

25:12 - 25:17 **Rachel Opitz (OGC)**  
And we will start to take some questions.

25:18 - 25:18 **Rachel Opitz (OGC)**  
There we are.