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Sent: Mon, 13 5.1.2.e 2025 16:22:00 +0100
To: "5.1.2.e" <5.1.2.e@cbs.nl>
Subject: FW: Integrating Models

Groet,
 5.1.2.e

From: 5.1.2.e <5.1.2.e@wur.nl>
Sent: Thursday, December 12, 2024 5:05 PM
To: 5.1.2.e <5.1.2.e@wur.nl>; 5.1.2.e <5.1.2.e@wur.nl>
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Subject: Integrating Models

Hi all,

Thanks for organizing the meeting yesterday, hopefully I was able to make clear how Research IT Solutions works and how we can collaborate on the project. I think the project really matches what we do, so already looking forward to January when we probably can plan the technical intake session.

I made a short summary of what has been discussed in the meeting we had yesterday:

- Currently, there are three models that need to be integrated: WUM, NEMA and Initiator. They contain privacy sensitive data which makes that the IT solution for processing and storing that data should be considered carefully.
- The solution should be accessible for people outside our organisation (CBS personnel). Also the development of the model is done with both internal and external developers. That means they all should also have access.
- The new model will be programmed in Python with a postgres backend. But probably there is also a need for different types of data storage because we expect not all data will be delivered in a format that is suitable for postgres.
- The amount of data estimated is in several TB's and it mainly has to do with sensordata. Data gathering itself is not part of the issue, because the data will all be delivered from RVO and CBS.
- Currently, all the development is done on a desktop computer, but of course, that is not maintainable, so you looking for a sustainable & cost-effective solution.

The deadline for the setup to be ready is March 1 because then the developers will start with the integration.

We also talked about the way of working in three phases.

1. Intake where we gather the exact requirements and from that make a technical design of the required components & best suitable infrastructure. This phase comes with **no** costs involved. The session itself takes about two hours, after that we usually need two days to work out the design. You will receive a summary of this through mail.
 Once we agree on that proposed setup and associated fixed price:
2. Building the Proof Of Concept or Test environment. These joint Proof Of Concepts are performed from a fixed price budget where collaboration between RITS and you as researchers is of great importance. We know the requirements and we setup the environment, do knowledge transfer on how to use the solution in the most effective way and setup pipelines so that the developers can work effectively. A budget between €1.000 - €7.000 depending on the complexity needs to be taken into account for this phase.
 We work on it until all requirements are met and we conclude this phase with a closing presentation/session.
 If maintenance of the solution is also important for your team, you again have the choice: Do this yourself or let this be done by IT.

3. If needed, the solution can be brought under maintenance of IT. For that we can agree upon a ServiceLevelAgreement from which IT can take care of specific maintenance tasks of the solution. We work with maintenance packages of different sizes, if you already want to know more about this, we can setup a meeting where I or my colleague can present the options. This SLA might be something to consider, especially for applications that are important for your group.

Hopefully this mail provides some more clarity, otherwise, please reach out.

In January, I will come back on planning-details.

Regards,

5.1.2.e

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