Cook Islands Pa Enua asset management

[00:09] - Otheniel Tangianau

On the Cook Islands, eleven islands out there our people living on them, and they have a whole range of assets on these islands, including things like water supply, airport, health system, the wharves. All this costs a lot of money to government to establish on these islands so people get services they want.

And then for this process, we have worked together with most of the islands putting all this information in the asset register, especially the information the islands have. So, for example, we also look at things like airports or harbour, when they were built. And also we have taken photos of them. We have also given them an ID. So that way we can use it for our database.

We are also done condition assessments of these assets and logged them into our asset register to make sure that we are grading them between good, medium and poor. So that they provide any indication how we are going to go about managing this in the future.

[01:18]

Basically, the main important thing is just 2019, the government have passed the Infrastructure Act, which means those entities or island government on the outer islands managing these assets are required to operate these assets in a way that should according to certain guidelines.

So it is important for all the island government that they understand about regular monitoring, maintenance and the improvement of these assets to make sure they continue to service their community well. And you will know most of this community are isolated, a long way away from here. So if there is any failure on this infrastructure, it affects the livelihood and the people residing on them.

So you can understand this is good to keep track on all these things, to make sure that if there is a problem, we could fix them in the shortest possible time.

And sometimes you put, allocate, a certain amount of, say, spares to make sure especially for quick wearing parts, so they can, we can distribute that to the islands as soon as the problem emerges. So we can fast track the response to these issues.

[02:35]

We do not just looking at the infrastructure. We also keep an eye on these heavy machineries that services these islands, mainly because there's no private sector on the islands to do the services or to provide the services, so that services is provided for by the local government or the island government on behalf of government, national government here.

This is a good thing about this asset management system, because you can see how things are trending, where required with regards to the age, the wear and tear on the plants. So all this information available to you when they come to time for replacement of the assets or part of the assets, if that is what required.

So far, we have worked this in the office. What now needs to do is now to take this out to the local government and also work with them together with the Office of the Prime Minister. So these activities are actually installed into their operating systems, so they don't just maintain assets when they feel like it, but when it is scheduled to be done, that should go ahead and do that according to the plans that we are working with.

[03:53] - Naomi Nena

At the moment, I'm just working on our asset management for all the outer islands. My job is to take information gathered from the Pa Enua (Pa Enua is our outer islands) which we load into Excel sheets.

Our assets, that I'm collecting is from a harbour, our water, roads, airports, and also our PPE. For the assets or sections of assets where water is the supply for example, if we use the same three letters as the airline use, this makes it easier for people to recognise those.

Each asset has a unique identifier that can be matched up to GIS, which we do go on GIS, especially for our roads, that we do use a lot. That has been set up so that I also identify the maintenance schedule and most importantly, the replacement strategy. What year it was built, and based on the current condition, what year it would need replacing. So we use that. It has a bit of detail on the spreadsheet.

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The main key is to ensure that our data is accurate and if possible to follow up on gaps in information, and to get all those data I have been emailing the outer island government offices, which each island have an executive officer for assets.

So I've just been emailing them to send us a current asset information which they have, you know, what's currently working and what's not.

As part as I'm doing this, I find that everything is just being copied and paste, just trying to get them to see it as a current conditions on those will be easier for us to manage.