

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 2:19 AM

did we receive the updated results? 😊

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 2:22 AM

Not yet

.....

*Tom Womack Tom.Womack@mfe.govt.nz +smilingfacewithtear 11/27/2024 2:22 AM*

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 2:23 AM

Probably for the best - would be distract from my current focus 😄

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 2:52 AM

Just arrived..

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 2:57 AM

Are they pretty similar to previous?

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 3:12 AM

I haven't read in detail but for some reason some are based on 2017 and some on 2022

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 3:12 AM

[Methane Report Final.docx](#)

Attachment: Methane Report Final.docx

<https://ministryforenvironment.sharepoint.com/sites/MFE-EXT->

[MethaneReviewSecretariat/Shared%20Documents/Draft%20Report/Methane%20Report%20Final.docx](https://ministryforenvironment.sharepoint.com/sites/MFE-EXT-MethaneReviewSecretariat/Shared%20Documents/Draft%20Report/Methane%20Report%20Final.docx)

Jessica Bensemann <Jessica.Bensemann@mfe.govt.nz> 11/27/2024 3:43 AM

[1] [https://www.climatecommission.govt.nz/public/Uploads/Targets/supporting\\_docs/input-data-files-for-temperature-modelling.zip](https://www.climatecommission.govt.nz/public/Uploads/Targets/supporting_docs/input-data-files-for-temperature-modelling.zip)

Jessica Bensemann <Jessica.Bensemann@mfe.govt.nz> 11/27/2024 3:43 AM

They say they used this CCC dataset

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 3:49 AM

Ah excellent the 2023 GHGI haha

Jessica Bensemann <Jessica.Bensemann@mfe.govt.nz> 11/27/2024 3:50 AM

Is that what it is? I didn't open

Jessica Bensemann <Jessica.Bensemann@mfe.govt.nz> 11/27/2024 3:53 AM

The MEFs are shown in Figure 14. A number of MEFs were generated that have straight line reductions in methane emissions to 2050 at a specific rate (-5%, -10%, -15%, -20%, on 2022 levels, and 24%, 35%, 47% on 2017 levels) and then constant emissions afterwards. The three MEFs that start in 2017 do so to make them as consistent as possible with the scenarios outlined in the Climate Change Response Act (2019): these all reduce by 10% by 2030, and then reduce further to fit within the 24% to 47% range in 2050. The other MEFs all begin reductions in 2022, and use it as a baseline in order to start from as recent a point as possible (at the time of writing, NZ methane emissions data past 2022 were unavailable).

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 3:55 AM

That dataset is based the 2023 GHGI

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 3:56 AM

Its the CCC scenarios and then also our WEM projections which I've assumed is the scenario they've used

Message edited: Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 3:56 AM

Its the CCC scenarios and then also our WEM projections (which use the GHGI between 1990-2021) - which I've assumed is the scenario they've used

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 3:59 AM

They also say in other parts of the report they've used the GHGI 2024 for historial data.. so maybe still same issue

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 4:00 AM

Yeah that was the same issue as before

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 4:00 AM

Does it make sense why they've used 2017 and 2022 for others?

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 4:01 AM

**Tom Womack**

Yeah that was the same issue as before

Could they think commission data is based on 2024?

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 4:03 AM

Maybe - i see the results have changed quite a bit

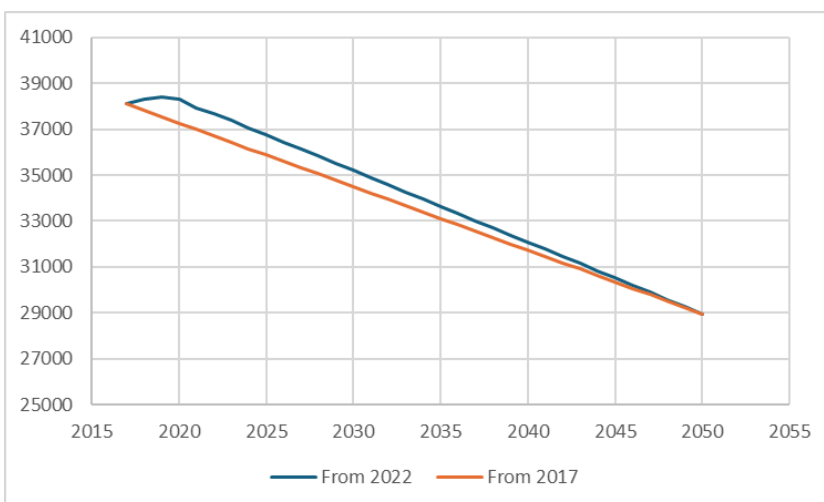
Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 4:08 AM

Not sure on the rationale for drawing a straight line from 2017 for 24, 35 and 47%

Jessica Bensemann <Jessica.Bensemann@mfe.govt.nz> 11/27/2024 4:20 AM

You'll see Beth and Cheryl keen to get clarity on the 2017 / 2022 thing

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 4:38 AM



Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 4:48 AM

Rereading I think what I just said was wrong btw haha

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 4:48 AM

Not all of it though

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 5:07 AM

Ha fair enough. I'll wait to get an email from you before I talk to nicola

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 5:26 AM

Sent looks like the GHGI 2023 data was used

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 8:22 AM

It seems for the leg ones, they've used linear to 10% in 2030 and then linear to 2050.. if we're close to getting to 10% in 2030 anyway.. there's probably not a huge difference.. but still questionable why they did it

Message deleted: 11/27/2024 8:26 AM

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 8:42 AM

Hey

Jessica Bensemman <Jessica.Bensemman@mfe.govt.nz> 11/27/2024 8:43 AM

I spoke to Nicola and she said she thought they did use actual data through to 2022 for both, and def 2024 inventory data.. but the report definitely says otherwise on the first bit at least.

Thanks so much for your email, and quick turnaround.. hugely valuable, and I used it to email Nicola, as it's super clear, and just highlighted a bit more what we'd want them to

do.

Jessica Bensemann <Jessica.Bensemann@mfe.govt.nz> 11/27/2024 8:44 AM

Maybe it's actual data to 2022, and then to 10% by 2030..

Tom Womack <Tom.Womack@mfe.govt.nz> 11/27/2024 9:07 AM

No worries :). That would make more sense and would no longer be problematic.  
Hopefully we'll see the data at some point - less guess work haha