

Task 39 LCA Activities

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(With Adrian O'Connell, Michael Wang, Antonio Bonomi)

Virtual Business Meeting

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Regional LCA Data

- In Brazil, RenovaBio applications are made public for 30 days for a public comment period.
- Applications contain information on energy and material use through the supply chain.
- Antonio has indicated that it has been their intention to prepare a report on the aggregate values that result from the RenovBio program but Antonio's view is that the public data has not yet been validated by the third party validators, some of the companies have redacted (poorly) some of the data, and some companies have used default values rather than actual values.
- Best to wait until these issues are resolved, although it is noted that once the applications are approved the data in the application is no longer publicly available.

Summary Paper for Policy Makers

- Adrian looking at developing a summary paper for policy makers on the factors having the biggest impact on LCA results.
- It would discuss allocation issues, N₂O emission variability, and possibly soil carbon changes.

Co-processing

- Continue to follow the development of the co-processing LCA methodology.
- CARB approved one pathway in the US (tallow HT) but with some surprising results that couldn't be explained with the information that was made public.
- A second refiner has indicated their intention to begin co-processing later this year. Feedstock to FCC rather than HT and thus makes mostly gasoline. This is a much more complicated process to model.

Land Use Change

- Provided feedback on the feedstock emissions used in recent Ricardo, IFEU, and E4tech presentation for the EU DG Clima.
- ILUC values from some of the models, with known issues, are again being used for other work.
 - Able to provide reports documenting the reason for different results from GTAP and Globiom.
- The issue of how to define the counterfactual case for residues was raised in the Ricardo report and the assumptions had a large impact on the results.