

2021-06-07 Peer Programming Call

Summary:

- Introduction by Bertrand from the [Implement Client Side Security for Climate SIG Fabric Application Mentorship](#)
- Introduction by Pritam from the [Blockchain Integration for Climate Emissions Data with Fabric and Cactus Mentorship](#)
- Discuss the proposed [Supply Chain Decarbonization](#)
 - Compared it to the [AllBirds](#) product lifecycle emissions calculator
 - Where would data come from?
 - [GHG Protocol Emissions Calculator](#)
 - [EPA Emissions Factors](#)
 - [Searates](#) distance and time calculator for transport or similar
 - [Ecoinvent](#) database or similar
 - What are the use cases? Added to the [Supply Chain Decarbonization](#) page
 - Continued discussion of plastics recycling with Stan from [RecycleGo](#) about the [Verra Plastic Credits](#) which is a measure of recycling, not of emissions
- Review of new carbon emissions calculators from [GHG Protocol](#), [AllBirds](#), and [ThoughtWorks](#) for integration into the Fabric emissions data channels.
- [Robin Klemens](#) brought up a good point: Instead of having all the calculations on Fabric and in the chain code, we could use [Hyperledger Avalon](#) or a trusted computing/oracle framework to store the results of computation which could happen offchain. This would also enable a group of offchain calculators, open source and proprietary, to contribute their results for collective review.

Recording:



zoom_0.mp4



audio_only.m4a

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Time:

- Monday, June 7, 2021 at 09 AM Pacific
- [Add Climate Action and Accounting SIG calls to your calendar](#)

Dial-In Information: [ZOOM]

You can join either from your computer or from your phone:

- From computer: <https://zoom.us/j/6223336701?pwd=dkJKdHRlc3dNZEdKR1JYdW40R2pDUT09>
- From phone: +1(855)880-1246 (toll free US number) or view [International numbers](#)
- Meeting ID: 622 333 6701