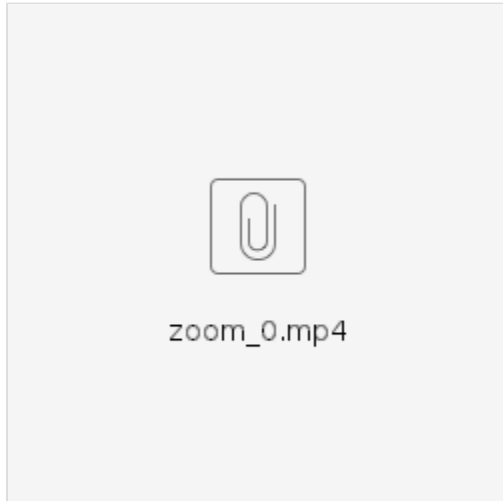


# 2021-04-12 Peer Programming Call

Today we showed the production deployment of the [Utility Emissions Channel Project](#) and the [Emissions Tokens Network Project](#). Thank you [Kamlesh Nagware](#) for explaining how to use the Hyperledger Fabric Explorer.

As part of it we went through different architectural choices of Fabric and Ethereum and issues of deploying on a public network like xDai.

Thank you everybody for your helpful input.



We also loaded the European emissions factors, which were missing during the call:

```
utilityemissionchannel_utilityemissions > COUNTRY_FR_2019
Save Changes Cancel Upload Attachment Clone Document Delete
1 {
2   "_id": "COUNTRY_FR_2019",
3   "_rev": "2-845f58bc9d6c5a220098135c6c522b",
4   "class": "org.hyperledger.fabric-chain-carbon-accounting.utilityemissionsfactoritem",
5   "co2_equivalent_emissions": 1000,
6   "co2_equivalent_emissions_unit": "g/kWh",
7   "country": "France",
8   "currentState": null,
9   "division_id": "France",
10  "division_name": "France",
11  "division_type": "Country",
12  "key": "COUNTRY_FR_2019",
13  "net_generation": 100,
14  "net_generation_unit": "TWh",
15  "non_renewables": 100,
16  "percent_of_renewables": "22.96",
17  "renewables": 0,
18  "source": "https://www.eea.europa.eu/data-and-maps/data/approximated-estimates-for-the-share-3/esp-2017-res-share-proxies/2016-res-proxies_eeo_csv/at_download/file;https://www.eea.europa.eu/data-and-maps/data/approximated-estimates-for-the-share-3/esp-2017-res-share-proxies/2016-res-proxies_eeo_csv/at_download/file",
19  "uid": "COUNTRY_FR_2019",
20  "year": "2019",
21  "version": "1.0.0.0"
22 }
```