Geo Web Bounties

Raid Guild Cohort Season IV

Note: The details under each of the following bounties are intended to serve as helpful guidance rather than must-have requirements. We want you to exercise your creativity and skills to make this project your own.

1. Build a partial common ownership educational site

[Partial common ownership](#) is core to the Geo Web. We think that PCO (also known as Harberger taxes, SALSA, COST, & depreciating licenses) will help us simultaneously bootstrap a more fair, efficient global property rights system while also generating sustainable public goods funding. The concept has garnered interest in the crypto/web3 space since [Vitalik wrote the foreword](#) to Eric Posner and Glen Weyl's book, *Radical Markets*. There haven't been any implementations to break through to the mainstream… yet. Demonstrating the mechanics and benefits of PCO in a single-page, educational website can go a long way toward changing that.

Bounty: 3,000 xDAI total/1 prize

Inspiration: [WTFisQF](#) by Gitcoin

- Create an open-source + CC0 webpage that teaches users what PCO is, how it works, why it is more efficient than private property, and where it can be applied.
  - Utilize text, video, memes, and/or graphics to make the information accessible to the broadest possible audience.
- Include interactive modules/graphs that **show rather than tell** the story of partial common ownership. Use cause and effect to explain the following concepts rather than economic jargon:
  - Monopoly property rights and deadweight loss (Harberger's Triangle)
  - Investment efficiency, allocative efficiency, and total welfare
  - Interaction between turnover rate, tax rate, and self-assessed values in PCO systems
- **Web3 Challenges**
  - **Deploy the site to IPFS and resolve it with an ENS name (Geo Web can provide)**
  - **Add a method for visitors to donate crypto to RadicalxChange and/or other public goods**
    - **Requires a web3 wallet integration**
  - **Integrate an example PCO smart contract with the site (ad space/sponsorship, NFT collection, etc.)**

- - - **Fork code from the [Geo Web](#) or [one of our friends](#) in the community as a starting place**
  - Going down the rabbithole
    - [RadicalxChange - Partial common ownership reading material + tools](#)
      - *[Radical Markets](#) - Chapter 1*
      - *[Property is Only Another Name for Monopoly](#) - Posner & Weyl*
      - [Depreciating Licenses - Weyl & Zhang](#)
    - [What is Harberger Tax & Where Does The Blockchain Fit In?](#)
    - [Harberger's triangle and transfer area (YouTube)](#)
    - [Simon de la Rouviere & Wildcards talking about Harberger Taxes](#)
    - [Geo Web Docs](#)
    - Join the [RxC Discord #SALSA channel](#) and ask questions

2. Build a new geospatial (or Cadastre) use case on the Geo Web

The Geo Web is a set of open protocols designed to create an open, permissionless network in the mold of the World Wide Web rather than a smartphone app. The Geo Web digital land registry is like a geospatial version of DNS (you can think of [IPFS](#) as HTTP & [Ceramic](#) as HTML in our [architecture](#)). The Geo Web doesn't have an opinion on what you should/shouldn't build on it. We're still a ways away from our [Mosaic moment](#) and creating a universal spatial browser. But, how we get there is [experimenting with individual use cases](#) and coalescing around open standards.

Our [first spatial browser](#) (use Safari on Apple, Chrome on Android; [Github](#)) is a web app that reads Geo Web-anchored content at your current location and displays it in a web page view or media gallery (with AR mode). The [Geo Web Cadastre](#) offers an alternative browsing experience with map-based navigation (rather than GPS). With this bounty, we just want to see you experiment with AR/VR, NFTs, audio, video, text, data streams, or any other digital content that you would want anchored to a Geo Web parcel.

Bounty: 3,000 xDAI total/1-3 prizes

- Define and publish a new [Ceramic schema](#) that supports your use case
- Create a GPS- (spatial browser) or map-based (Cadastre) interface that interprets content linked to a parcel, retrieves the content from the IPFS network, and displays it/plays it.
- Utilize a simple UI module (or command line) to allow users to link the desired content to a Geo Web land parcel
- **Go the extra mile**
  - **Create a Raid Guild/Geo Web/other NFT (image, 3D model, video, or audio?) collection that can be anchored to a Geo Web parcel**

- ○ **Create an experience that allows a parcel visitor to effect change to the anchored content or allows peers to interact**
- ○ **Rather than building a single use case, create a modular framework for interpreting and displaying Ceramic schemas on a user interface.**
- Resources
    - ○ [Geo Web Data Model Github Repo](#)
    - ○ [Geo Web Cadastre Github Repo](#)
    - ○ [Geo Web Browser Repo](#)
    - ○ [Geo Web Experiments Repo](#)
    - ○ [Geo Web Docs - WIP :)](#)
    - ○ [IPFS Docs](#)
    - ○ [Ceramic Network Docs](#)
        - ■ [Tiles (Ceramic explorer tool)](#)

3. Open Geo Web bounty

This bounty will be allocated to the top project(s) that integrate(s) with the Geo Web—including those that qualify for the first two bounties. We just want to see you build something creative, awesome, impactful and/or ambitious.

Bounty: 2,000 xDAI

4. Earn Geo Web SourceCred

All contributions to the Geo Web's [Github repo](#), [Discord](#), and [forum](#) are tracked by [SourceCred](#). We utilize [automated, weekly "grain" distributions](#) to reward those in the Geo Web community that are helping advance the project in a fair, transparent way. Feel free to jump into the Discord and forum with questions, feedback, and ideas anytime during cohort (and beyond) to earn. If your bounty code makes it into a Geo Web repo PR, you can double-dip with both the bounty and SourceCred payout.

Bounty: Weekly payouts

Support & Questions

Feel free to reach out in the [Geo Web Discord](#) if you have any questions or ideas that you want to share. You can also tag [@codynhat](#) and [@gravenp](#) on any Github PRs or issues.