**7-27-23 iCAP Portal Meeting Minutes**

Attendance: Quinn Connolly, Stacy Gloss, Daphne Hulse, Chad Kupferschmid, Michael McKelvey, Sarthak Prasad, Morgan White

* **Introductions**
  + Note: We missed the 10th anniversary of the iCAP Portal!?
* **Adjusting the current** [**iCAP Portal Project Map**](https://icap.sustainability.illinois.edu/map)
  + Option 1: Michael can overlay polygons in GIS provided by Chad.
  + Option 2: Derive the new map out of ArcGIS Online, and Michael provides Chad the information that we need to embed.
  + The iCAP Portal group suspected we would be updating the map information regularly, so Chad suggested we could create a maintenance schedule for updates.
    - Chad suggested data could be fed into API, which could be one way to ensure the data remains up to date.
  + When the data was most recently updated can be made visible on the map page, so visitors are aware of when it was last updated.
* **University of Illinois** [**Bicycle Infrastructure Viewer**](https://www.arcgis.com/apps/webappviewer/index.html?id=bd1348f3aeea475aa0fce6f1549c700f&extent=-9824669.7931,4877926.4597,-9818277.7466,4883014.2994,102100)
  + Originally created by Lily Wilcock.
  + Chad thought that replicating this into our iCAP Portal may be possible if we take the ArcGIS Online route.
  + To achieve something like this, Michael can query the database of information he has and provide it to Chad.
    - Each location has a latitude and longitude associated with it.
    - Michael can provide:
      * A list of places.
      * A list of projects for each place.
      * The theme associated with each project.
  + How would filters work?
    - Locations would be tagged with which themes apply.
  + What are the challenges with our current configuration? Why are we seeking outside resources?
    - The iCAP Portal group wanted to update their map (it’s a little bit of an overload of information, and not formatted in the most user-friendly way), and we found the bicycle infrastructure viewer example that closely aligns with what we’d like the map to look like.
    - Morgan walked Chad through the [iCAP Portal fields and relationships sketch](https://icap.sustainability.illinois.edu/files/project/27/gallery/iCAP%20Portal%20Fields%20%26%20Relationships.JPG).
* **Wrap up**
  + Chad noted that he would need to explore how well things can link and connect. GIS is typically a quick input of data, and the iCAP Portal will require more complex linkages.
  + Morgan suggested that we begin with altering just the background of the map, as that was our primary objective:
    - Creating campus boundaries.
    - Removing the periphery items that show up in the generic Google Maps version.
    - Altering the street names as needed.
  + Immediate next steps:
    - Sarthak & Michael will provide Chad with the data he needs to explore what Facilities Information Resources (FIR) can do.