Metabolic Internship

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Projects

* Clean Tech Tool
* Analytics for World Wildlife Fund (WWF)
  * Research
  * Chord Diagrams
  * Sankey Diagrams
Welcome!

Welcome text. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in volupat velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Existing user

Log in

Forgot your password?

*Clean Tech Tool*
Clean Tech Tool
What did we do?

Coded in MatLab

Drafted a very basic version of the tool

*Clean Tech Tool*
* Research
* Chord Diagrams
* Sankey Diagrams
What are they doing?
Snapshot
European Subsidies Analysis

WWF Research
* In Progress
  *
  * Data on Farmers total income
    * Subsidies provided to farmers
    * Production Data
  *
  * Should farmers be receiving these subsidies?
    *
    * What percent of their income is from subsidies?
    * What crops receive the largest subsidies?
    * What percent of food is wasted?

* Subsidies Research
*WWF Chord Diagrams*
* Trade Analysis
  * Global
  * European
  * Palm Oil
  * Sugar
  * Coffee
  * d3, Javascript, CSS and HTML

* WWF Chord Diagrams
Chord Diagram Creation
By Emily Speyer
July 2015

***Add pics! *** upload some onto google drive ***ask for cys format
***sometimes refreshing doesn't work

Material Needed
1. The example folder: European Data
   a. Everything you need should be in this folder but most
documentation is originally from the website http://d3js.org
   incase you ever want to explore the software further
2. Sublime (coding text editor): http://www.sublimetext.com/ the free
   version is fine
3. Optional:
   a. GitHub account (for sharing content – see step 10)
   b. More example folders for more/increasingly complex chord
diagrams
   i. You can access them through my GitHub:
      https://github.com/eespeyer7

Make a Chord Diagram
1. Duplicate the European Data folder and, for consistency in these
instructions, rename the folder My Chord Diagram
2. Prepare your given CSV data
   a. NOTE: you will be altering your CSV spreadsheet, so make sure you
      have a backup of the original
   b. ALSO NOTE: what should be on x/y axis for input/output (Speak to
      Peter about this*****)
   c. Make sure your column and row labels match each other identically
   d. If not already there, add two rows and columns containing only zeros
      as their data points. Do not label these two rows/columns (If there is a

*WWF Chord Diagrams*
World Food and Commodity Flows

*WWF Sankey Diagrams*
* Food and Commodity Flow

* World

* Regions in the World
  * US & Canada
  * Latin America
  * Europe
  * Middle East
  * Africa
  * East Asia
  * Central and South Asia
  * South East Asia
  * Oceania

* d3, Javascript, CSS and HTML

* WWF Sankey Diagrams
WWF Sankey Diagrams
Thank You