Overview of SIMAP Enhancements and Q&A

Presented by: Second Nature and University of New Hampshire Sustainability Institute SIMAP Team

University of New Hampshire Sustainability Institute

SIMAP
SUSTAINABILITY INDICATOR MANAGEMENT & ANALYSIS PLATFORM

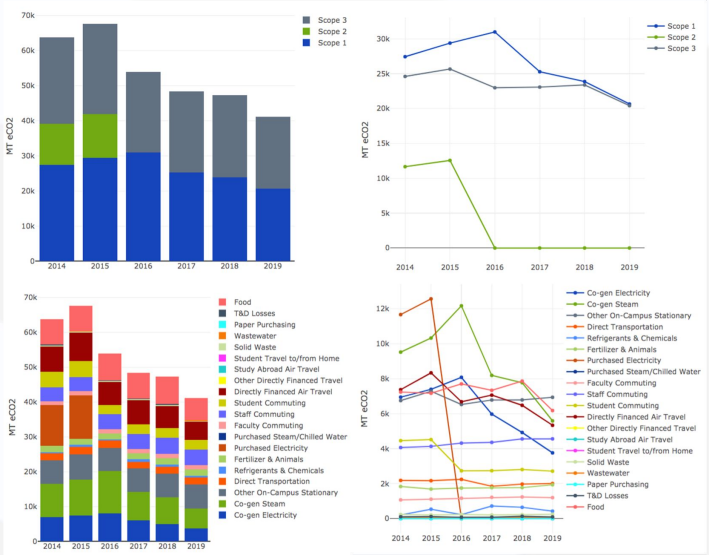
Second Nature

Public Reporting Platform

- Offer a shared space to highlight individual campuses' successes and challenges
- Provide a collective view of what higher ed climate leadership is accomplishing
- Show where reductions are being accomplished
- A dataset that can be researched to provide insight into how we can collectively go further and faster

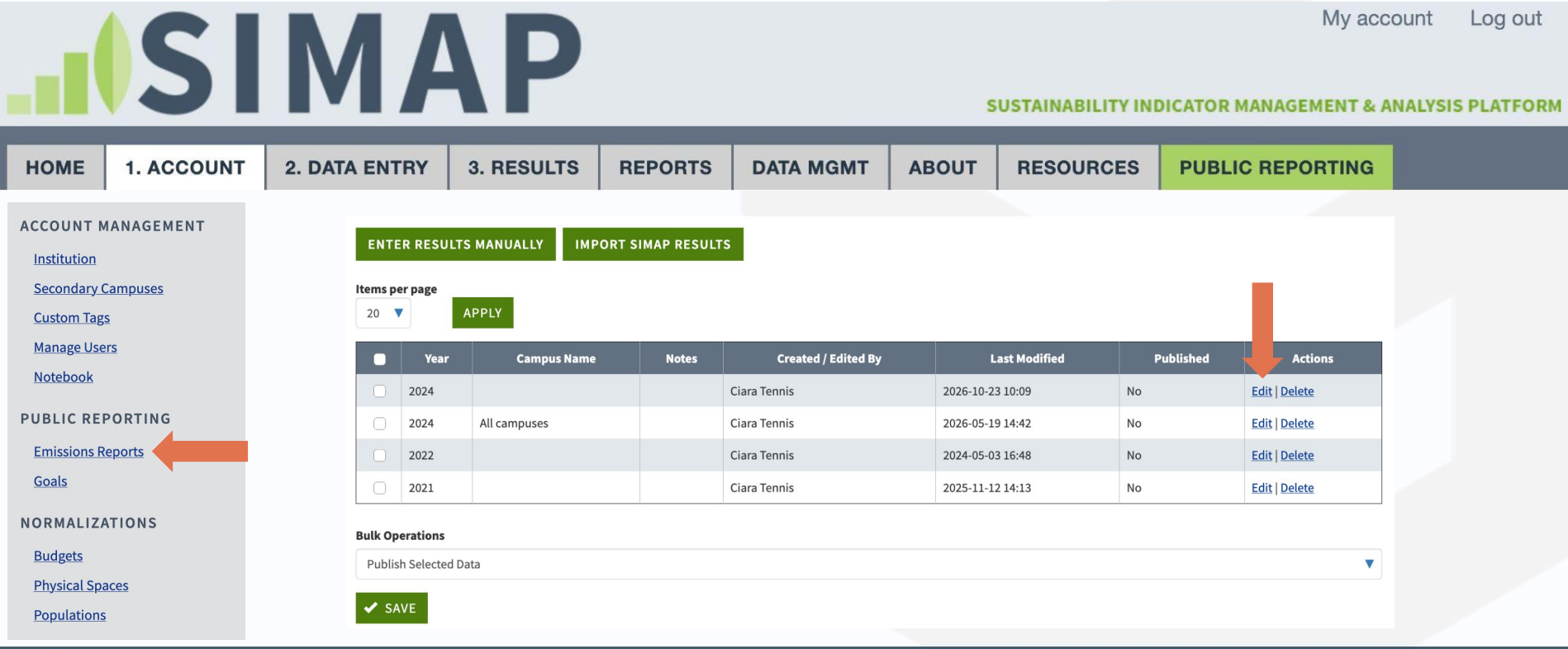
Public Reporting Stewardship

- SIMAP and Second Nature both exist thanks to leadership, collaboration, creativity, and commitment of campuses and individuals.
- SIMAP and Second Nature have a longstanding partnership.
- 2022 - SIMAP public reporting platform creates to make it simpler for signatories to report.
- Recently invested in the first round of significant revisions.



Updates in Emissions Reports and Data Entry

New fields in Emissions Reports

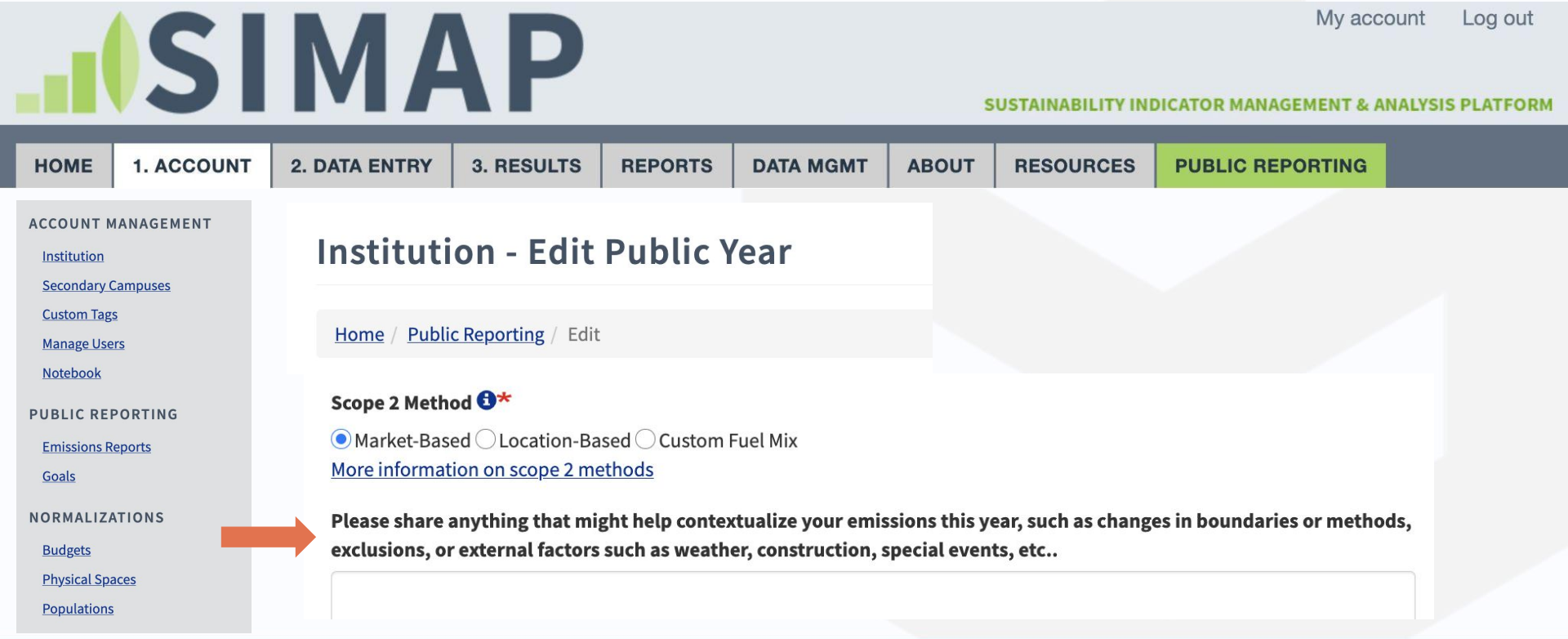


Second Nature

University of New Hampshire Sustainability Institute

SIMAP
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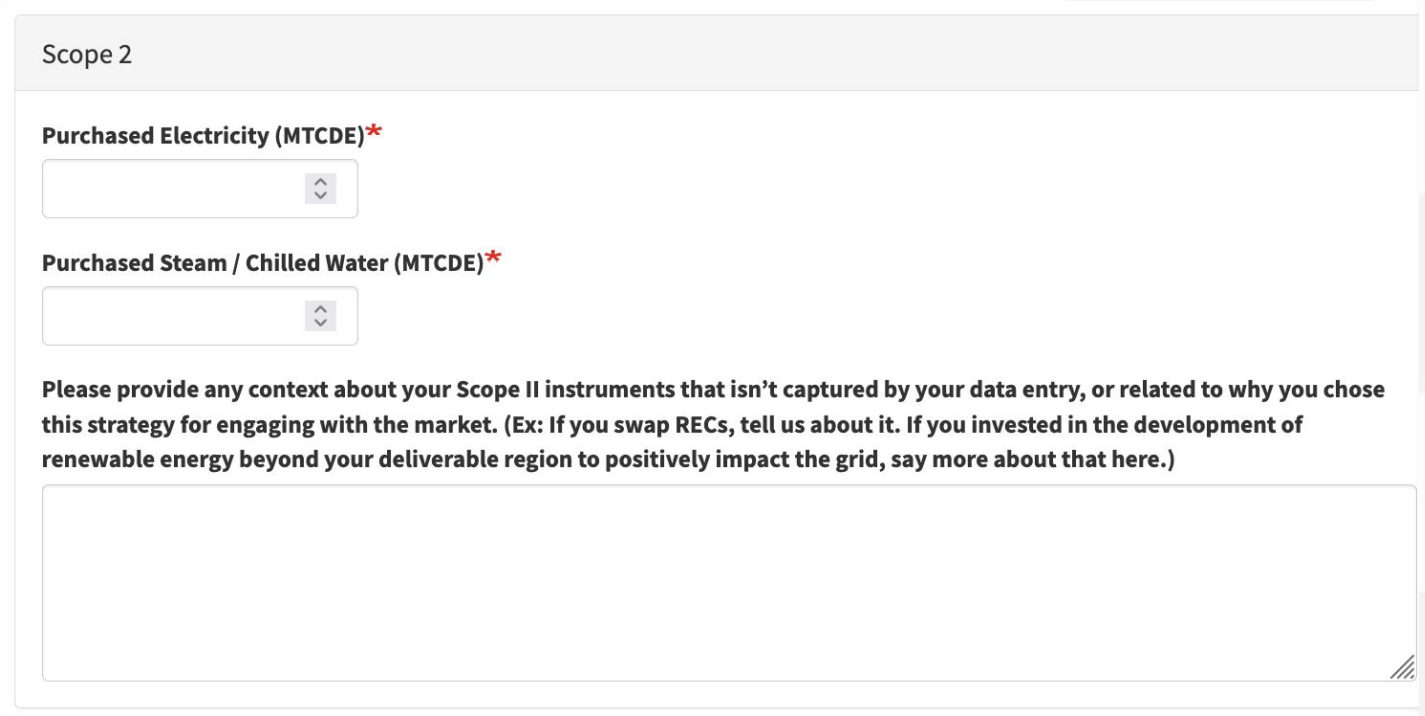
New fields in Emissions Reports



New fields in Emissions Reports

- Please share anything that might help contextualize your emissions this year, such as changes in boundaries or methods, exclusions, or external factors such as weather, construction, special events, etc.
- Is there anything else you want to share about your progress that isn't captured in your GHG inventory that you want to share publicly?
- Did you use any custom emissions factors in your inventory? If so, please list which sources custom emissions factors were used for and why.
- Has your institution made financial contributions to climate justice and/or climate mitigation projects that you are not counting as offsets? If so, please enter the dollar amount of your contribution here.

New field on Scope 2 in Emissions Reports



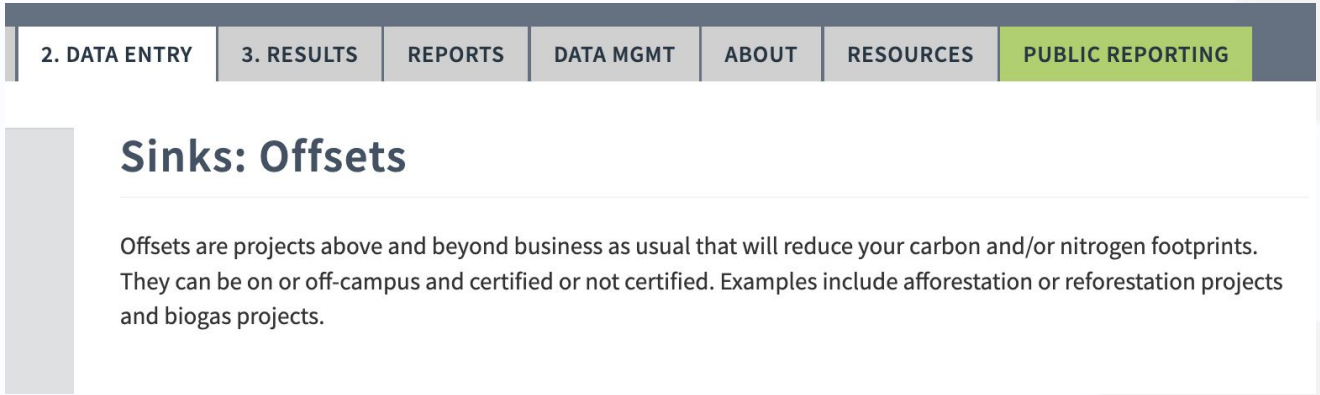
New fields for Sinks and Offsets

Sinks and Offsets

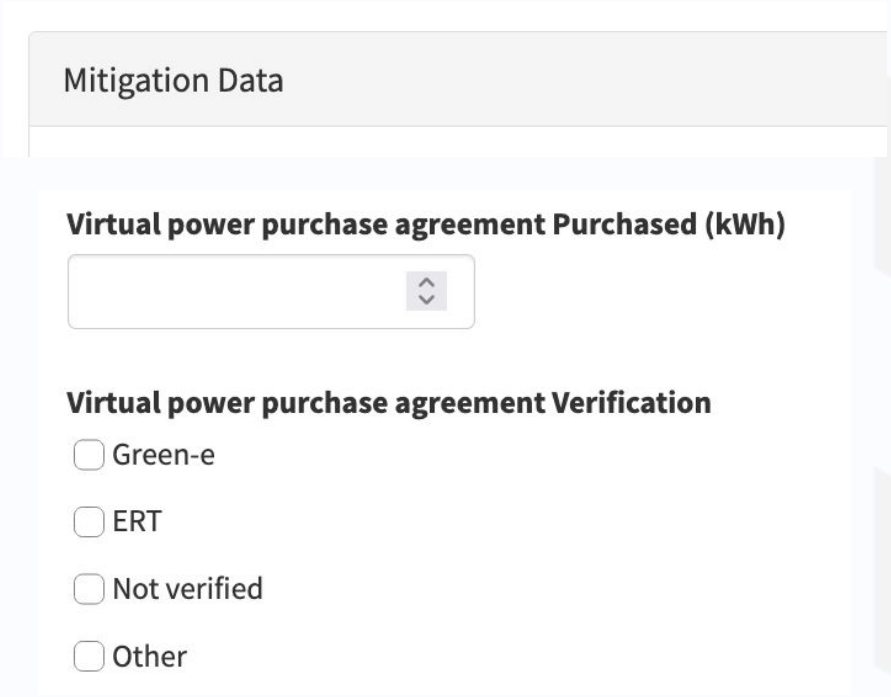
Please add a link to public documentation of your offsets project(s) (e.g., registry ID link, Offsets Lab website, campus webpage).

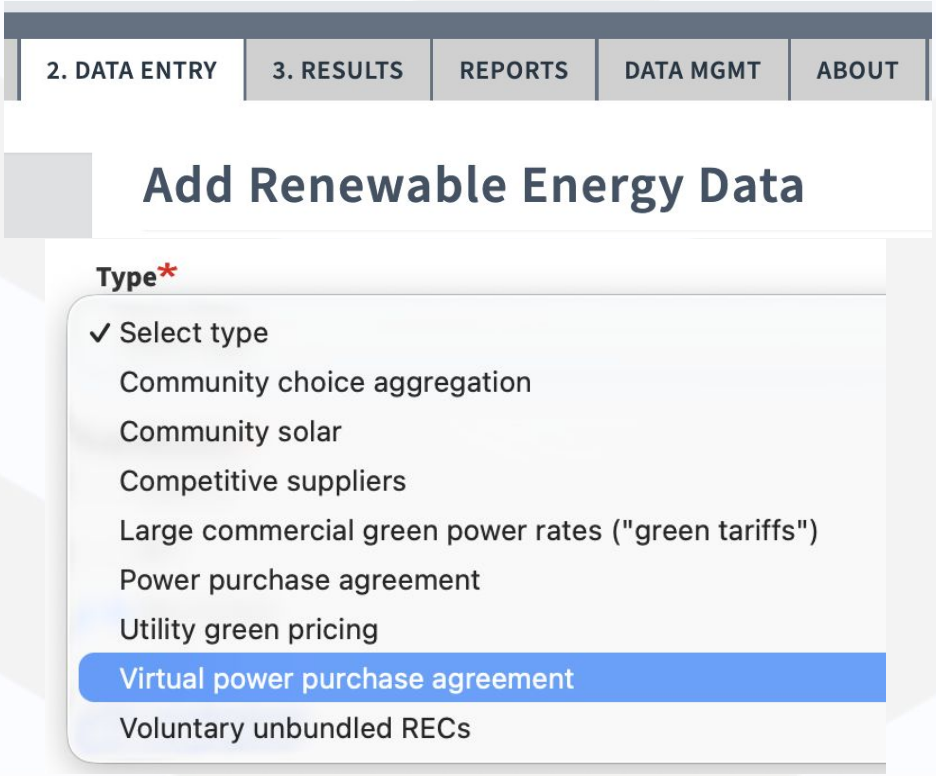
Please describe your offset purchases (i.e., project type, organization, cost per tonne, additional links, etc.).

New field for Offsets Data Entry



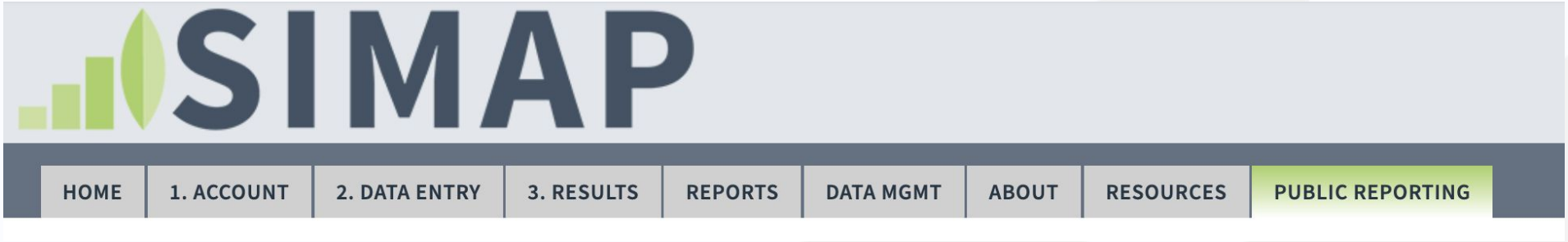
Added Virtual Power Purchase Agreement



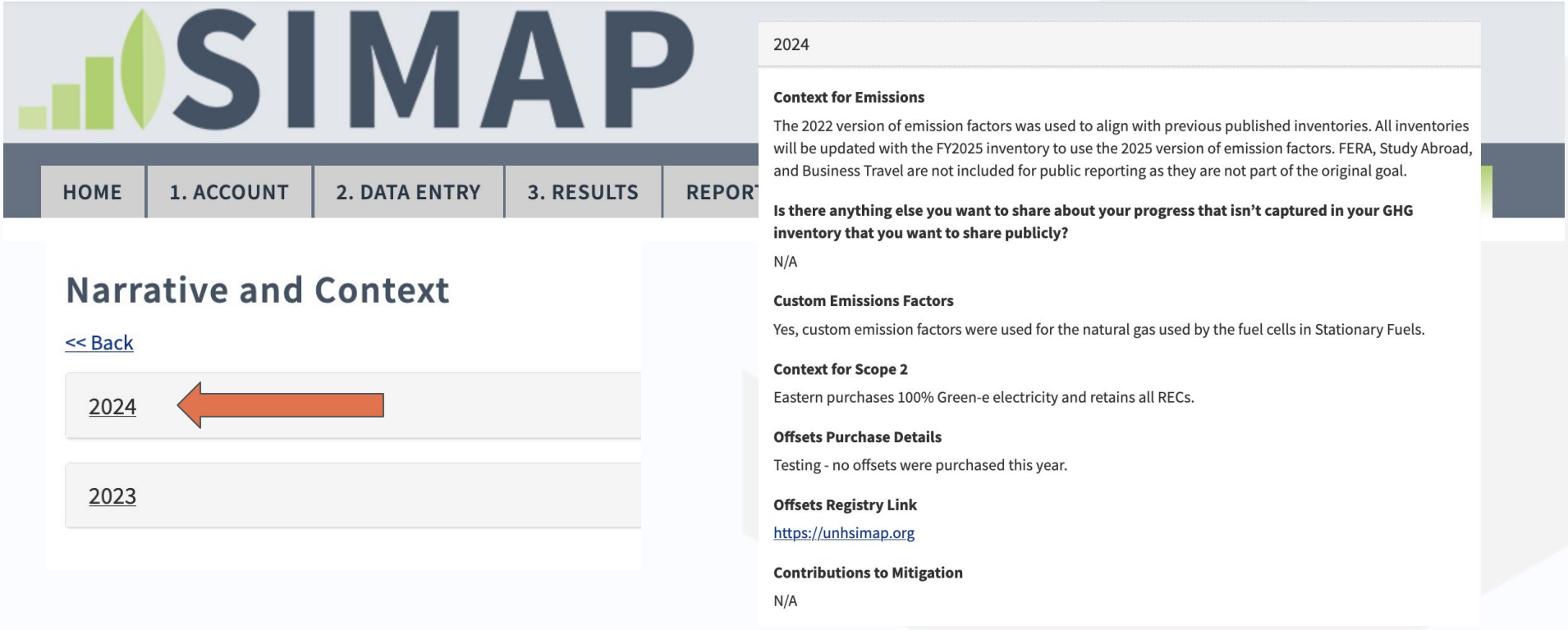


Updates in Public Reporting

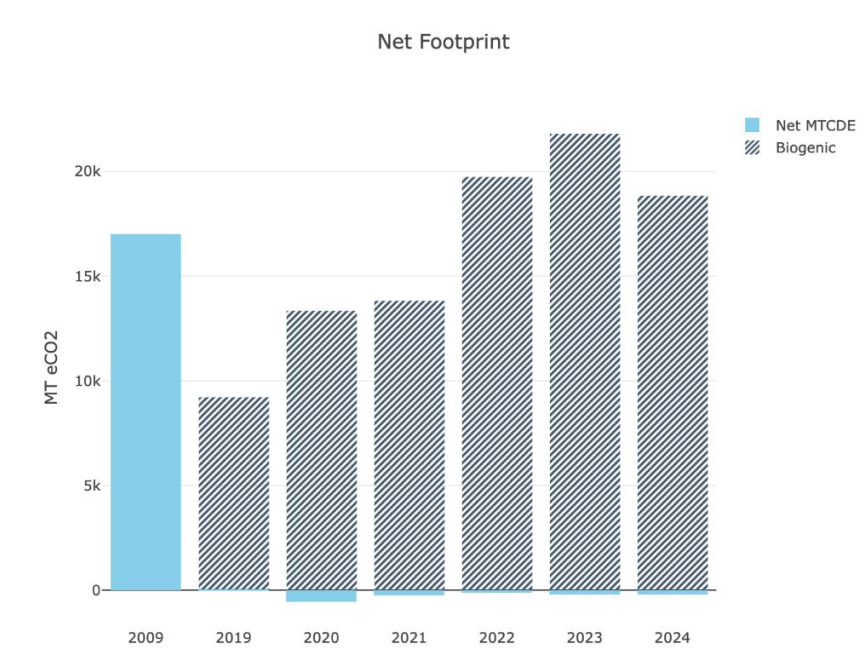
Narrative and Context Page

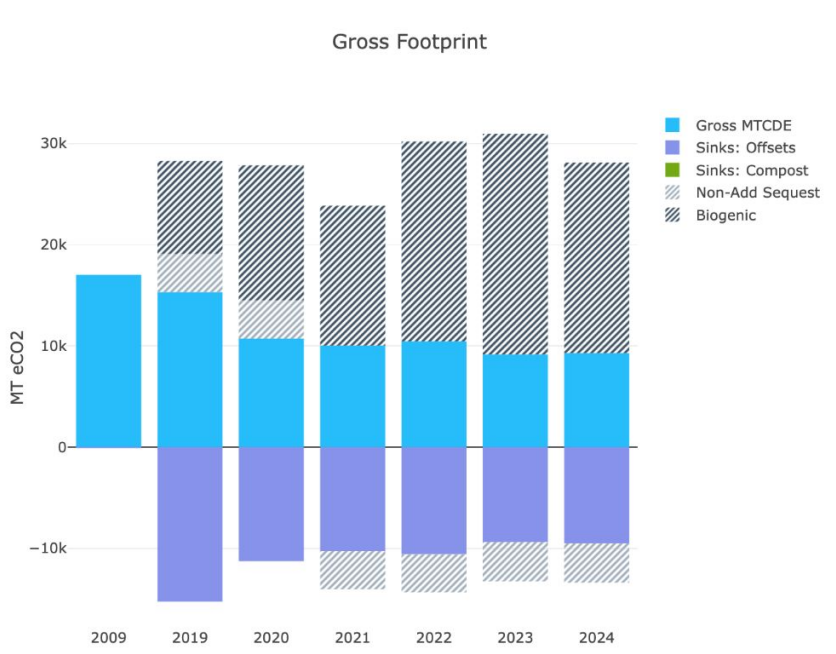


Narrative and Context Page



Non-additional Sequestration and Biogenic Graphs





Update to *Change in Emissions*

Change in Emissions from 2001 to 2024:

- Scope 1: -31%
- Scope 2: -100%
- Scopes 1 and 2: -61%
- Scope 3: 111%
- Gross emissions: -4%
- Net emissions: -4%

Updates to Tables

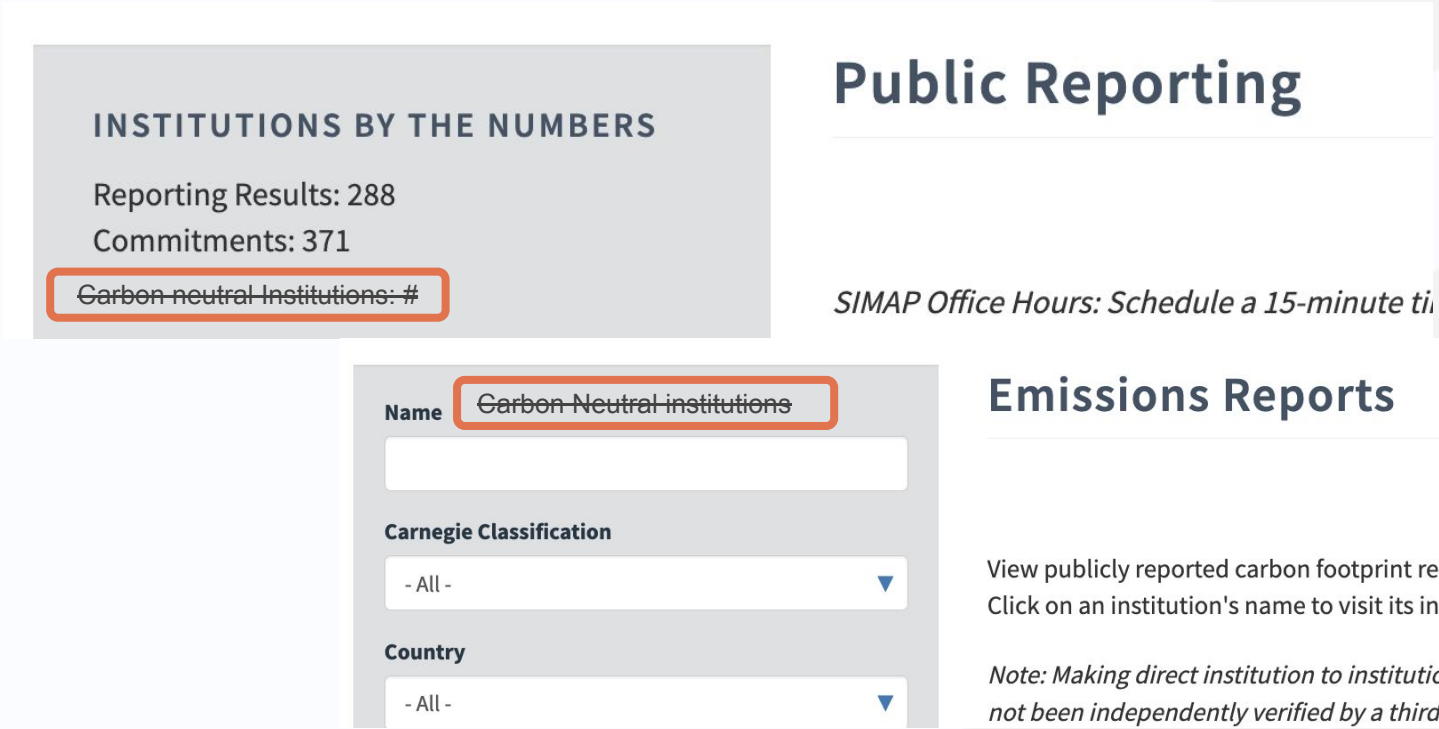
Carbon

Fiscal Year	Gross MTCDE	Offsets (MTCDE)	Compost (MTCDE)
2001	97,052.30	0.00	0.00
2002	94,689.85	0.00	0.00
2003	106,401.87	0.00	-11.52
2004	105,169.50	0.00	-48.14
2005	101,372.34	0.00	
2006	101,571.20	0.00	-46.20
2007	102,040.69	0.00	-46.87
2008	102,737.70	0.00	-56.70
2009	98,389.26	0.00	-47.04
2010	77,049.31	0.00	-53.34

Totals

	2001	2002	2003	2004
Gross MTCDE	87,303.56	85,954.28	95,306.64	94,576.93
Offsets (MTCDE)	0.00	0.00	0.00	0.00
Compost (MTCDE)	0.00	0.00	-11.52	-48.14
Non-Additional Sequestration (MTCDE)	-2,328.00	-2,328.00	-2,328.00	-2,328.00
Biogenic (MT CO2)	0.00	0.00	0.00	0.00
Net MTCDE	87,303.56	85,954.28	95,295.12	94,528.79

Carbon Neutral filter and designation removed



Updates to Alerts

Informational Alert for Changes

- Your emissions have been published. Please review for accuracy and provide context in your narrative regarding these differences.
- Comparing 2023 to 2022:
  - "5. Waste generated in operations" is new
  - "Compost (MTCDE)" differs by 150.04%
  - "Non-Additional Sequestration: Carbon sink (MTCDE)" differs by 157.22%

- Your emissions have been published. Please review for accuracy and provide context in your narrative regarding these differences.
- Comparing 2024 to 2023:
  - "5. Waste generated in operations" is missing
  - "Compost (MTCDE)" is missing

Informational Alert for Changes

- Blue alert when:
  - There are changes in emissions for a category is > 20%
  - New categories
  - Missing categories
- You will still be able to publish your report, but this helps catch outliers and gaps. It's a signal to:
  - 1) check for accuracy
  - 2) make sure your narratives help contextualize and explain omissions or additions

Error Alert for Populations and Physical Spaces



- Red error alert when:
  - Physical spaces (e.g., gross square footage) is missing

    AND/OR
  - Populations is missing
- Prevents publishing of reports until that data is added

Warning Alert for Required Categories

The following required fields should be greater than 0, please check for accuracy. 2023

- Co-gen Electricity (MTCDE)
- Co-gen Steam (MTCDE)
- Refrigerants & Chemicals (MTCDE)
- Fertilizer & Animals (MTCDE)
- Purchased Electricity (MTCDE)
- Purchased Steam / Chilled Water (MTCI
- Directly Financed Air Travel (MTCDE)

- The following required fields should be greater than 0, please check for accuracy. 2024
  - Co-gen Electricity (MTCDE)
  - Co-gen Steam (MTCDE)
  - Refrigerants & Chemicals (MTCDE)
  - Fertilizer & Animals (MTCDE)
  - Purchased Electricity (MTCDE)
  - Purchased Steam / Chilled Water (MTCDE)
  - Directly Financed Air Travel (MTCDE)
- Second Nature will now require "Waste generated in operations." The reporting requirement will go into effect for CY2029/FY2029. 2024

Warning Alert for Required Categories

- Yellow alert when:
  - A required category is 0

    AND/OR
  - Waste data has not been entered
- This alert includes a reminder that Second Nature will now require "Waste generated in operations." The reporting requirement will go into effect for CY2029/FY2029.
- Your report will be published. This is a signal to check for accuracy for the required categories.

Continuing to Move the Field Forward

Goals Page

Institution - Goals

Publish goals information to the Public Reporting Module

Please enter your emissions reduction goals.
Second Nature requires carbon neutrality and/or decarbonization targets, and additional specific goals related to stationary combustion and purchased electricity emissions. You may include additional goals for other emissions as desired.
*** Second Nature recommends decarbonization targets for the sector as follows: 90% by 2045 or 85% by 2050.

We will be carbon neutral by 2045

We will decarbonize by 2045

We have specific goals of

Carbon	100	% reduction of	Stationary Fuels	by	2030	relative to	2008	DELETE
Carbon	100	% reduction of	Purchased Electricity	by	2030	relative to	2008	DELETE

Continuing to Evolve

- We made these changes to be able to shed more light on the important details and nuances of decarbonization.
  - We welcome your feedback!
- We will continue to evolve the reporting platform as best practices and needs change.
- Land Use Standard + other GHGP updates are changing/will change the reporting framework significantly.

Questions?