

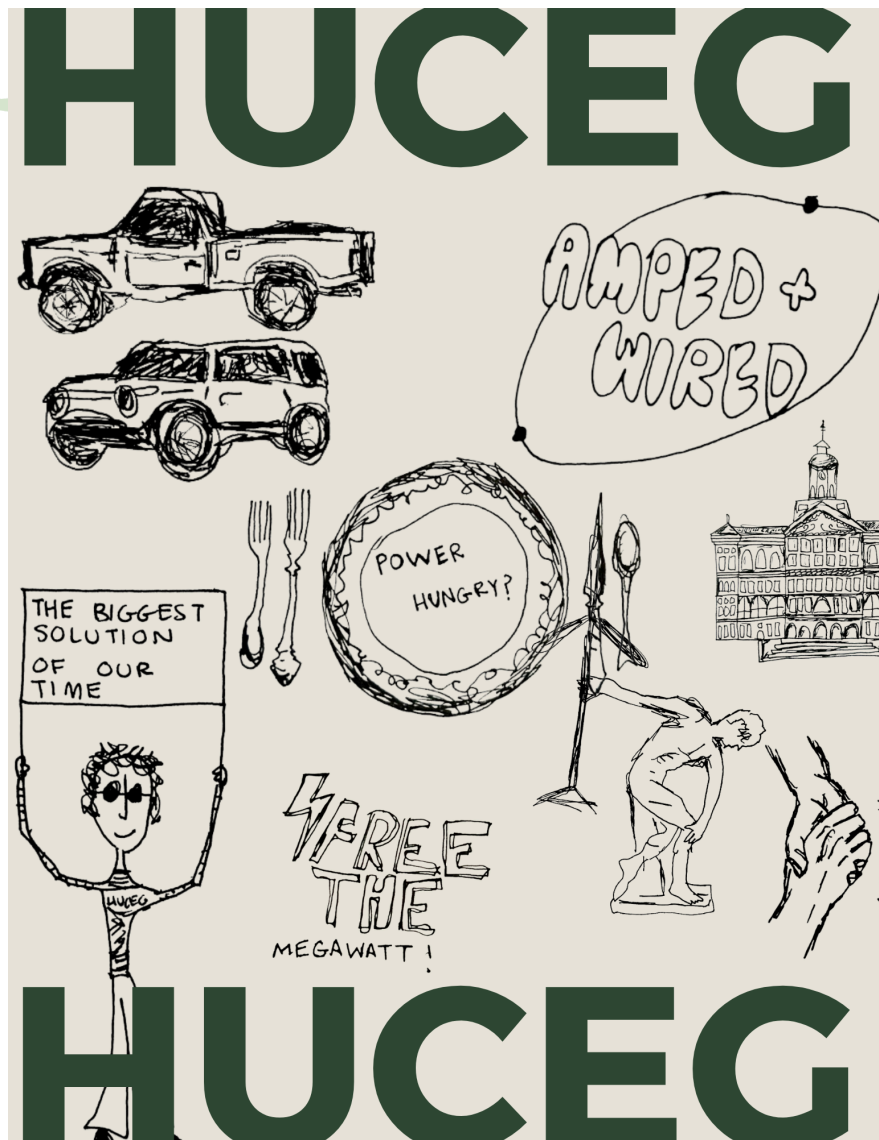
**Initiatives Listed Below!**

# FALL 2025

## HUCEG INITIATIVE DESCRIPTIONS

This document includes brief project descriptions of the initiatives being offered by HUCEG for the spring semester. If you have any questions about the common application/comp process feel free to email [christiebeckley@college.harvard.edu](mailto:christiebeckley@college.harvard.edu). Thank you!

**HERE IS A LINK TO THE COMMON APPLICATION.**



General Member Info – This is for individuals not looking to join any specific HUCEG program

## INITIATIVES

Equity

Policy

Industry Consulting

Sustainable Finance Group (SFG)

HUCEG Build

HUCEG Scout (HUCEG Connect)

## COMMITTEES

Conference Committee

The Social Batteries - Community Initiative

## PILOT PROGRAMS (new programs – opportunities for leadership)

Pilot Program 1: Ventures

Pilot Program 2: Interview Series

## **General Member**

You can opt to be a general member of HUCEG, which means you are **NOT part of any initiatives, but instead part of the broader HUCEG community**. If you apply to become part of an initiative, then you will get access to all resources and even more from your initiative/committee/pilot program.

What does this entail?

- Club-wide socials
- All-Hands Meetings
- Access to HUCEG internship opportunities
- Added to the HUCEG mailing list
- Access to speaker events/panels/conferences that HUCEG organizes as club-wide events

We highly recommend that you join an initiative, but as a general member you also play an important role in HUCEG's community-wide events/opportunities!

If you have any questions about being a general member of HUCEG, please contact [christiebeckley@college.harvard.edu](mailto:christiebeckley@college.harvard.edu).

## **Equity**

Nonprofits take on the work that companies and governments will not do. They are the ones that step directly into underserved communities, building trust where other institutions fall short, and bridging the gap to affordable, reliable energy across America.

At HUCEG Equity, we partner with leading nonprofits from across the nation to help them scale their impact and empower the communities they serve. Our teams contribute by conducting research into cutting-edge breakthroughs, building organizational capacity, strengthening technical expertise, and even



supporting grassroots outreach efforts such as door-drops and community events. We are proud not only of the work we do, but also of the amazing, close-knit community of Analysts and Case Team Leads who drive these projects forward.

Some of the nonprofits we have worked with include:

- MassHousing
- Coalfield Development
- Solstice
- Wallowa Resources
- Solar CITIES

The challenges facing nonprofits are ever growing. As energy inequities deepen, vulnerable communities shoulder the highest energy burdens with the fewest resources to respond. Meanwhile, nonprofits themselves are under pressure as they are operating with limited staff, constrained budgets, and increasing demand for their services.

This is where HUCEG Equity steps in. By providing research support, strategy insights, and technical expertise, we help nonprofits stretch their capacity and achieve more with the resources they have. In doing so, we help ensure that the transition to clean energy is not just innovative, but also inclusive and equitable.

### **Case Team Leads (8-10 hours/week)**

- Assigns and monitors weekly tasks to ensure the team stays organized, on schedule, and accountable for deliverables.
- Leads team meetings to provide guidance, address challenges, and keep everyone aligned on goals and next steps.
- Maintains consistent communication with clients to share updates, gather feedback, and build strong working relationships.
- **Must have one semester of experience as an Analyst.**

### **Analysts (3-4 hours/week)**

- Contribute directly to the project's success by completing weekly assignments that build toward the final deliverable.
- Support Case Team Leads through research, analysis, and preparation of key materials.
- Gain client-facing experience by presenting insights and findings during the midpoint and final presentations.
- **No previous experience is required.**

Please direct questions to Equity Director, Giovanni Gomez  
([ggomezorozco@college.harvard.edu](mailto:ggomezorozco@college.harvard.edu))

### **Policy**

Americans have the unique ability to turn a crisis into a flourishing opportunity. Even when the odds look bleak, we innovate and inspire greater aspirations. Harvard especially is the epitome of American exceptionalism—a melting pot of talent, we are the bright minds forging the path of success for the 21st century.

**Let's put our talents to work on the energy transition.**

The HUCEG Policy Program works with esteemed national partners on engineering policy solutions to the most pressing issues facing the clean energy economy and the US power grid. Some examples include streamlining permitting for DERs in Texas, investigating energy affordability programs, and discovering some of the hidden costs of data centers on the grid in rural states. HUCEG Policy Program has been commended by influential policymakers and



industry leaders, including **RMI**, **American Clean Power Association**, **Center for Public Enterprise** and **PowerLines**. This program is a great opportunity if you are exploring the nuances of policymaking and its applicability to various roles, ranging from the private sector to government.

Bright Harvard minds are looking for the next big thing to tackle. Considering the sheer magnitude of the energy grid, and the breakneck speed of its transition, this is a challenge worth taking head on through HUCEG Policy.

### **Case Team Leads (8-10 hours/week)**

- Responsible for all logistical elements of a project, including weekly team meetings, communication with project commissioner, project management and final deliverables. This includes assigning weekly tasks to analysts and the associate, in addition to overseeing timely progress and completion.
- Collaborates closely with the Associate, Policy Director, and project commissioner to ensure successful completion. The Case Team Lead serves as the de facto liaison for project commissioners, heralding any specific questions, concerns or comments, which is subsequently incorporated into project direction. Skills in project and team management, as well as workplace professionalism is required. The Case Team Lead has a unique opportunity to build working relationships with national leaders within energy policy.

- Leads will receive case training from the Policy Director and other professional advisors, but are expected to have prior consulting or team management experience.

### **Associates (6-8 hours/week)**

- Responsible for supporting the Case Team Lead in project execution. This includes review of analysts' assignments, providing feedback and edits to deliverables, drafting a weekly agenda, and attending meetings with the project commissioner.
- Provides substantive feedback to analysts on their assigned work.
- Facilitates analyst social and professional engagement throughout project duration. This includes office hours, team dinners, mixers, etc.

### **Analysts (5-7 hours/week)**

- Analysts construct policy briefs and memos (or other deliverables) outlined by their leads, gaining in-depth knowledge in their focus field and practicing research and policy analysis skills as they share their work at weekly team meetings.
- Analysts will get the opportunity to interact with the client at the midpoint and final presentations as well.
- Analysts are not expected to have previous experience — they will receive case training from the Policy Director and professional advisors.

Please direct questions to Policy Director, Cole Cochrane  
([colecocochrane@college.harvard.edu](mailto:colecocochrane@college.harvard.edu))

## **Industry Consulting**

Industry Projects (IP)—HUCEG's consulting arm—is for students interested in working with breakthrough clean energy companies to gain crucial industry





exposure, build professional connections, and develop key analytical and presentation skills. Our semester-long consulting projects pair up groups of 4-6 students with growth-to-late-stage startups for around 7-9 weeks, organized around a midpoint and a final deliverable.

Our clients have included Climeworks (largest global provider of carbon capture technology), ChargePoint (\$3.2B company and largest provider of EV charging stations in the U.S. and Europe), SYSO Technologies (MA utility), Found Energy, KG Energy, SunGreenH2, Antora Energy, and ventures from the prestigious Greentown Labs incubator.

Some examples of past projects include:

- Building financial models for costs associated with metal alloy extraction from waste streams in the US.
- Developing a book-and-claim carbon accounting system for the construction industry offset market.
- Researching market opportunities, drivers, trends, and key players for RNG produced from municipal wastewater treatment.
- Advising on entry and scaling strategies in Europe, Taiwan, Japan and US states for a leading geothermal energy developer
- Creating market entry strategies for small-scale turbines across Europe and the Atlantic into microgrid and offshore wind projects.

**Analysts** (5-6 hours/week):

- Analysts construct weekly slides (or other deliverables) outlined by their leads, gaining in-depth knowledge in their focus field and practicing presentation skills as they share their work at weekly team meetings.
- Analysts will get the opportunity to interact with the client at the midpoint and final presentations as well.
- Analysts are not expected to have previous consulting experience — they will receive case training from HUCEG Managing Directors and their teams.

**Associates (6-7 hours/week):**

- Associates work on weekly deliverables that often require more familiarity with the consulting/clean energy industry. They take on leadership roles by providing feedback and mentorship to analysts, as well as running the weekly team meetings alongside the lead.
- They will get the opportunity to participate in weekly meetings with clients and present not only their work but the team's progress.
- Associates will receive case training from HUCEG Managing Directors but are expected to have prior consulting or team management experience.

**Case Team Leads (8-10 hours/week):**

- Team leads will run all weekly team meetings, client calls, and are tasked with shaping the direction of the project research and deliverables. This includes assigning weekly tasks to analysts and associates, as well as overseeing their timely progress and completion.
- They manage the entire project and work closely with HUCEG Managing Directors and the client to ensure successful completion. They will be largely responsible for liaising with the client and representing the interests of HUCEG and their team. This requires skills in team dynamic management and client-facing professionalism. It also means that team leads have a unique opportunity to build intimate professional relationships with executives in the clean energy space and be a leader that shapes the HUCEG community.
- Leads will receive case training from HUCEG Managing Directors/Board members but are expected to have prior consulting or team management experience.

Please direct questions to our Directors of Innovation, Clara  
([crohatyn@college.harvard.edu](mailto:crohatyn@college.harvard.edu)) and Sean  
([sean\\_wangziming@college.harvard.edu](mailto:sean_wangziming@college.harvard.edu))

## **Sustainable Finance Group (SFG)**

COP29 estimated that nearly **\$7 trillion** in climate investments per year until 2030 were needed to deliver on the promises set in the Paris Agreement ([London School of Economics](#)).

In 2023, the world invested **\$1.6 trillion** ([Climate Policy Initiative](#)).

The Sustainable Finance Group's goal is to **teach, train, and develop** Harvard undergraduates interested in mobilizing capital toward climate change mitigation and adaptation companies. Our interests and investing mandate is wide; whether it be investing in solar panel manufacturing, waste management, utility efficiency software, or grid expansion companies, SFG is the place for you.

We welcome **anyone** and **everyone** - **regardless of experience**.

If this is your first time learning anything about finance, our rigorous **education program** will teach you what you need to get an internship and the basics of investing. If you have previous finance experience, our **investment teams** will give you an insight into modeling, clean tech companies, and thinking like an investor. If you're less concerned about the investing angle, we also have a **review** where you write about companies of interest, project finance, or anything touching climate, money, and economics.

In addition to the above, we host **speaker events, recruiting help, socials**, and most important of all, a **safe space** to ask questions about the industry.



Our comp process is 2 meetings a week for 4 weeks - **one general education** and **one technical education meeting**. Both meetings are required to join the investment team. Just general education is required for the review.

## **HUCEG Build**

Build is our **engineering** initiative! For engineers, creative minds, and master builders! This semester, we will be **launching our NEW PROJECTS!!!**

### Windmill Optimization

Wind energy contributes to 7.3% of the energy generated in 2022. However, optimizing wind energy remains a challenge due to its variability and dependence on factors like wind speed, direction, and turbine efficiency. Can you create a project that optimizes wind turbine energy generation in the most modern methods? Together let's build models of the future and learn about the futures of wind energy.

Timing is flexible, but you should aim to attend at least biweekly!

**Workshops are usually once a week in the SEC, 3 hours long, with dinner provided.** YOU DO NOT HAVE TO STAY FOR THE ENTIRE WORKSHOP!

Timing is flexible, but you should aim to attend at least biweekly!

Email [jwen@college.harvard.edu](mailto:jwen@college.harvard.edu) with any questions.

## **Conference Committee**

We're looking for passionate and driven individuals to expand the **HUCEG Conference Committee** and help make our upcoming event a success!

The **Conference Committee** is in charge of organizing **HUCEG's annual conference in the Spring. Our inaugural 2025 Amped & Wired Conference**, run in partnership with the Columbia Clean Energy Group (CCEG) and Princeton University Energy Association (PUEA), brought in experts and leaders across Policy, National Security, Entrepreneurship, Sustainable Finance, AI & Electricity, and EVs & Mobility. **Our speakers included Mike Donilon (Senior Advisor to President Biden), Daleep Singh (Fmr. U.S. Deputy National Security Advisor), Dr. Heather Boushey (Fmr. White House Chief Economist), and many other prominent figures (see [here](#) for more details).**

We're looking for passionate and driven individuals to expand the HUCEG Conference Committee and make our 2026 Conference even greater. This is an incredible opportunity to work alongside an awesome team of peers, connect directly with industry leaders, and play a key role in organizing one of the highest-impact collegiate clean energy conferences in the country.

Please direct any questions to our Directors of Events & Partnerships, Navin Desai ([ndesai@college.harvard.edu](mailto:ndesai@college.harvard.edu)) or Nick Cieri ([ncieri@college.harvard.edu](mailto:ncieri@college.harvard.edu)).



## **HUCEG Scout (HUCEG Connect)**

Scout is an initiative with a goal of unlocking urban **knowledge** and **finance** for small to medium sized clean energy businesses and startups across America. Join this BRAND NEW initiative to build a network connecting top clean energy startups to each other and funding. In other words, **build the future of cleantech.**

### **Functional pillars:**

This project involves setting up a virtual **network** with in-person components for startups to achieve 3 main outcomes that can help fuel their success:

- **Partner (company → company) :** Party companies can find and reach out to other companies involved in the network, either as a partner to increase business knowledge and efficiency, or as a customer looking to use another party company's product or service.
- **Fund (company → VC fund):** Party companies will be registered in a central database with published statistics that partner VC companies will have access to. VCs can thus streamline their sourcing process, and partner companies will increase their visibility to potential investors.
- **Learn (company → academia):** Party companies will be able to reach out to partner academics (such as Harvard ESE professors, etc) who have volunteered to be available to give technical and practical advice to companies.

Throughout the semester, members of the Connect project will have the opportunity to build the Connect ecosystem, for which two types of roles are needed:

**Engineer:** Engineers are web design and internal network experts who will be the architects for the Connect's web design and network elements

**Networker:** Networkers are masters of the craft of networking, and serve as ambassadors between the Connect initiative and the outside world, working with professors, cleantech CEOs, and investors to bring the human element of Connect to life

If you're excited about the huge potential of Connect and can't wait to join a small and powerful team (with loads of planned fun events besides, apart from building the future of cleantech), fill out the short application below! If you have any questions about Connect or the application, reach out to Oliver at [olontay@college.harvard.edu](mailto:olontay@college.harvard.edu)

## **The Social Batteries - Community Initiative**

The absolute best part of HUCEG is the people. **Do you want to help create a tight community of future clean energy leaders?** If so, you should apply to become a **HUCEG Social Battery!**

Whether it be HUCEG families, All-Hands, or HUCEG socials like HUKEG, the organization has the potential to not only continue hosting these great events, but also to build an even stronger community with even more amazing activities/events. **This team would work closely with the Director of Community and Education** on the following tasks...

- Help oversee future comp process and organization
- Oversee HUCEG Families Plans
- Lead/organize fun socials like HUKEG
- Plan engaging All-Hands Meetings
- Contribute creatively to HUCEG merch ideas
- Organize events with other student orgs

**We are looking for somebody who has creative ideas and a passion for bringing people together.** If you want to contribute to HUCEG's community in this way then you should apply!

Email [christiebeckley@college.harvard.edu](mailto:christiebeckley@college.harvard.edu) with any questions :)





## **Pilot Program 1: Ventures**

**Entrepreneurship at its heart is solving problems out in the real world.**

We believe that it is one of the most important tools to help us address the host of global sustainability challenges we face, and that by empowering Harvard students with the knowledge, support and resources to create innovative, planetary-focused companies, social enterprises and non-profits, we can make a HUGE difference.

This semester, after the interest we saw last year and the discussions we had with our initial core team, we're looking at revisiting our ideas and compiling a curriculum focused around user based design, and systems thinking.

Our goal is to put together a parallel curriculum for those who know nothing about entrepreneurship and want to build together, as well as those who have ideas and want a community of builders.

After we complete our curriculum, we will be piloting it with the group who helped us build it before opening it up to the entire Harvard Community. Join us for sustainability focused discussions, collective brainstorming, setting up partnerships and more exciting times!

No experience is required to help out with this and anyone with energy and passion is welcome to get involved!

Please reach out to [emmacrago@college.harvard.edu](mailto:emmacrago@college.harvard.edu) or [matteomarkel@college.harvard.edu](mailto:matteomarkel@college.harvard.edu) to join our launch team or share thoughts, we're looking forward to hearing from you! 😊

## **Pilot Program 2: Interview Series**

The Interview Series is a new and informal project that aims to gain a deeper understanding of the consequences and technology surrounding clean energy through **key conversations with critical individuals in the green energy space**.

**Join this BRAND NEW semester initiative to get involved in climate journalism, meet with several high-profile professionals in the clean energy space, and more.**

This year we will be arranging interviews with **8-10 faculty and community members** who are noting their views, efforts, and ideas around the clean energy transition(or hope for it) in the US.

Contact Neeraja [nkumar@college.harvard.edu](mailto:nkumar@college.harvard.edu) with any questions. Anybody interested can be part of it!