

# Penn Environmental Innovations Initiative

Melissa Brown Goodall, PhD

Senior Director

# Who we are



**Kathleen D. Morrison**

Sally and Alvin V. Shoemaker Professor  
and Chair of Anthropology.



**Joseph S. Francisco**

President's Distinguished Professor of  
Earth and Environmental Sciences



**Melissa Brown Goodall**



TBD

# Strengths of Higher Education Institutions



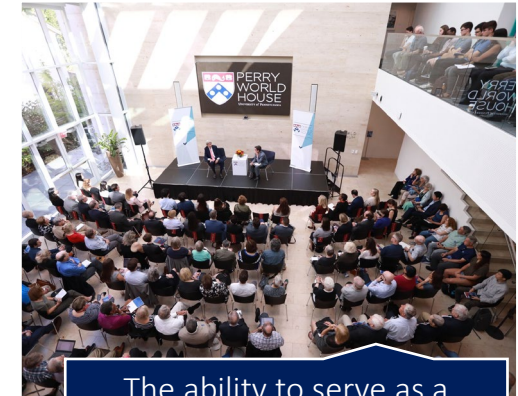
A mission based on knowledge rather than profit or advocacy



The intellect and expertise of the faculty



The enthusiasm, curiosity, and fresh perspectives of students



The ability to serve as a neutral forum and convening body



The capacity to test models and systems



The responsibility of being an anchor institution



The ability to make global challenges actionable in any disciplinary context



The collective strength of networks forged through academic exploration

## WHAT WE DO

Research

Teach

Convene

Model

Engage with  
community

Network

Elevate  
students

## PARTNERS AND ALLIES

HEIs

NGOs

IGOs

Companies

Government

## SCALE OF IMPACT

Campus

Philadelphia

Pennsylvania

United States

Global

## HOW WE IMPACT

Ideas into  
Action

Publications

Events

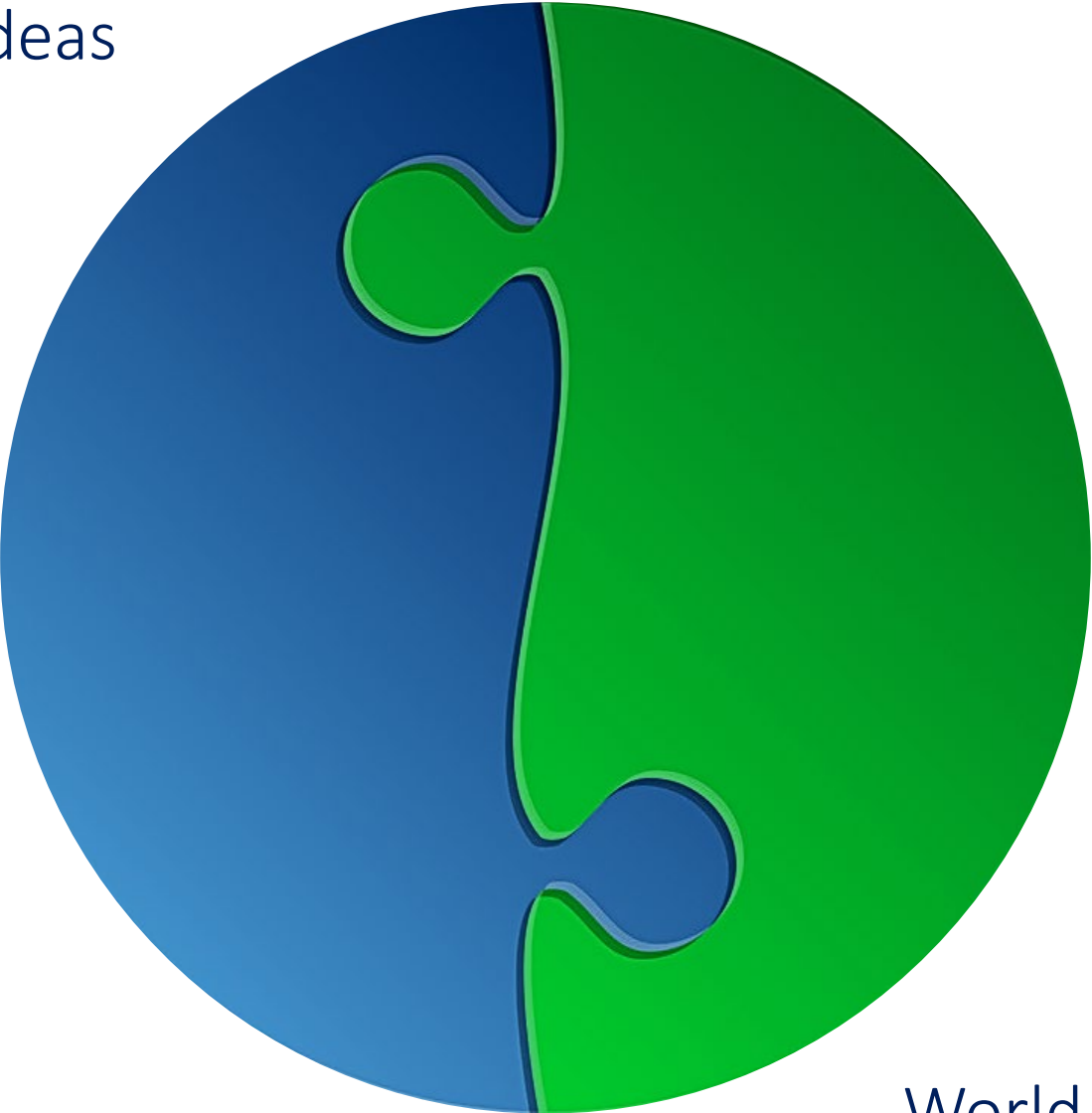
Well-versed  
alumni

Internal  
Collaboration

External  
Collaboration

Visibility

World-changing ideas



World-changing professionals

# Core Text

## Working Vision Statement

to meaningfully impact the critical environmental challenges of our time, particularly climate change, biodiversity loss, and human vulnerability.

*This will be done through fostering collaboration across disciplines, leading inclusive and dynamic programming on- and off-campus, forming strategic alliances with external partners, and elevating the visibility of Penn's assets.*

## Working Mission Statement

to catalyze solutions to significant real-world environmental challenges.

*To accomplish this, the EII brings together scholars, leaders, practitioners, students, and community members around themes of climate action, stewardship of nature, and societal resilience – including equity and inclusion.*

# Mandate

1

**Facilitate innovative research** that maximizes Penn's distinctive interdisciplinary strengths, within and between schools, centers, graduate groups, and departments

2

**Recruit outstanding faculty members** whose new perspectives advance the university's work across such areas as climate change, sustainability, and environmental justice

3

**Develop formal and informal educational programs,** as well as public events and communications, that further the impact of Penn research and bring new solutions to our campus and a wider global community



# Tentpole concept

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- We will elevate our extreme strengths and bolster our moderate strengths

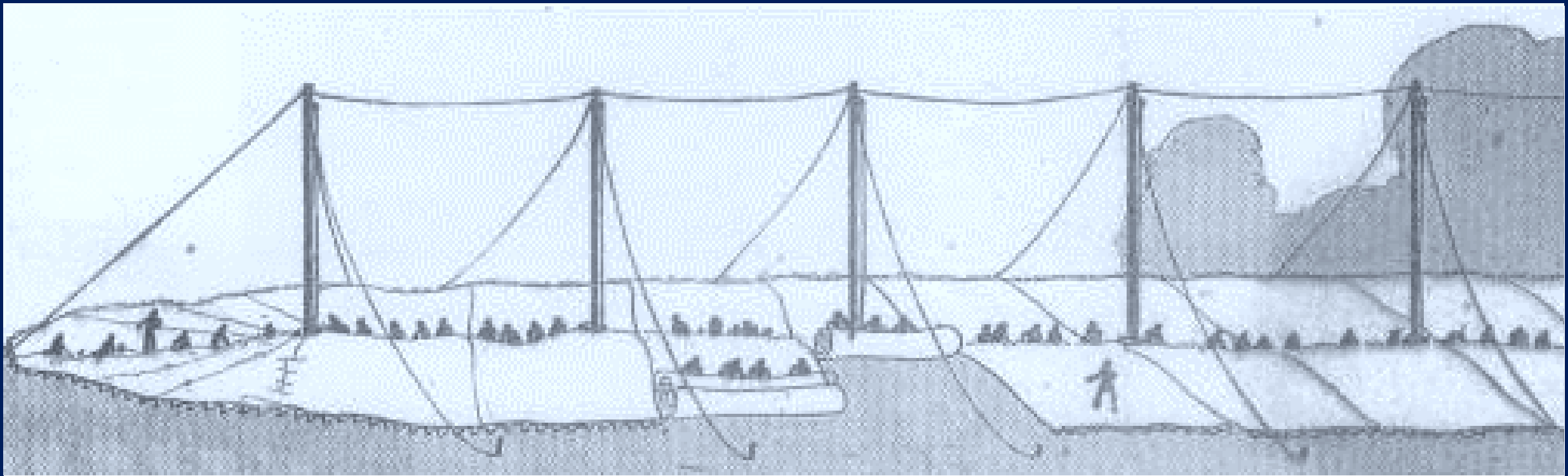






## Inside the tent

- The acts all work together – separate, but equal and complementary
- EII will be a catalyst and facilitator
- We provide support, resources, and visibility



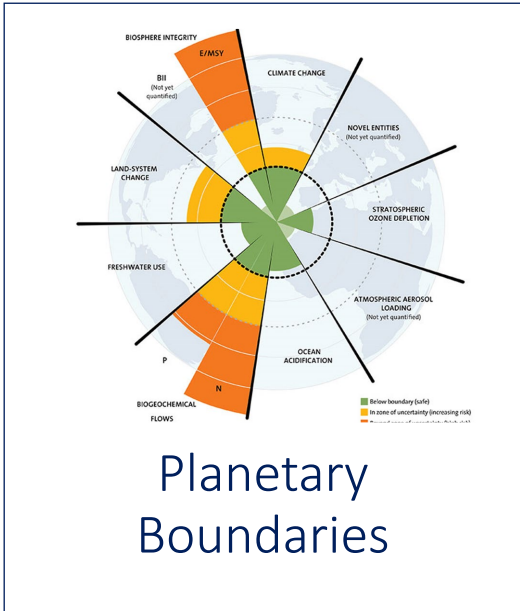
# Getting to Work

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# In Progress: EII Strategic Plan







# In Progress: Assessment of Global Frameworks and Local Priorities



Accessible food and drinking water

Healthy outdoor and indoor air

Clean and efficient energy

Climate-prepared and carbon-neutral communities

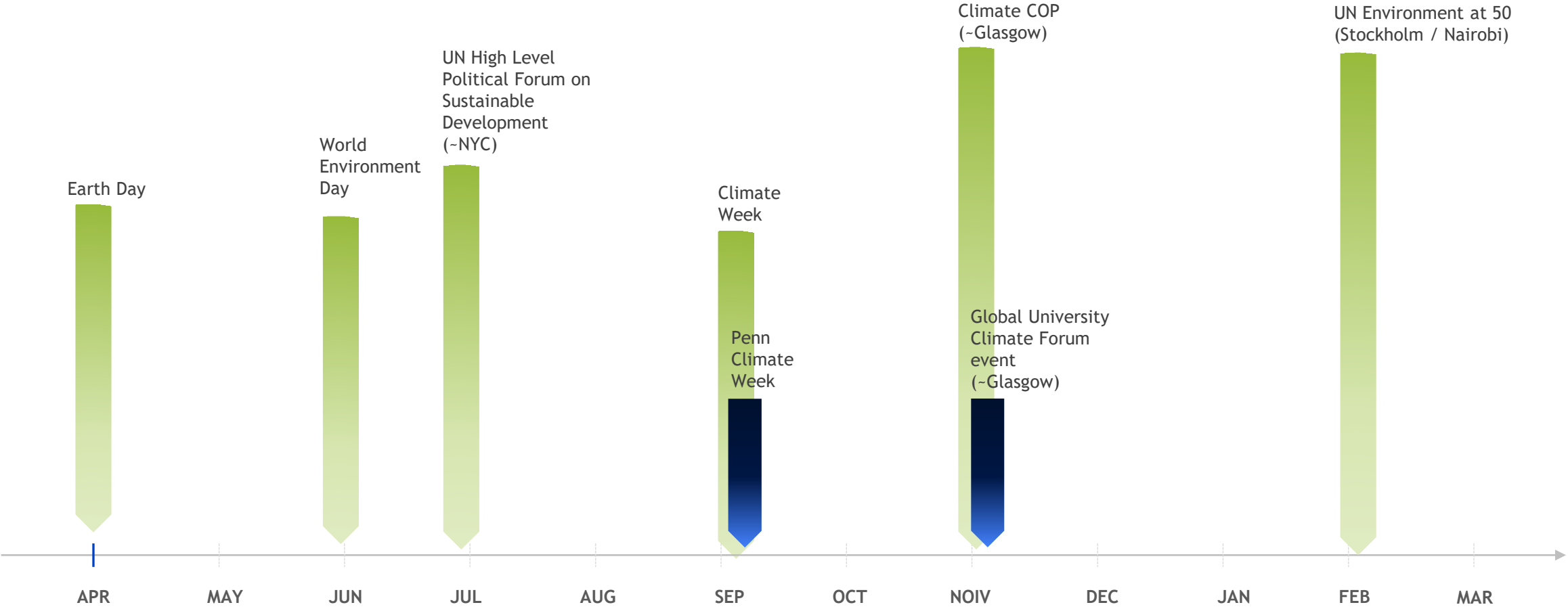
Quality natural resources

Accessible, affordable, and safe transportation

Zero Waste

Engaged students, stewards, and workers

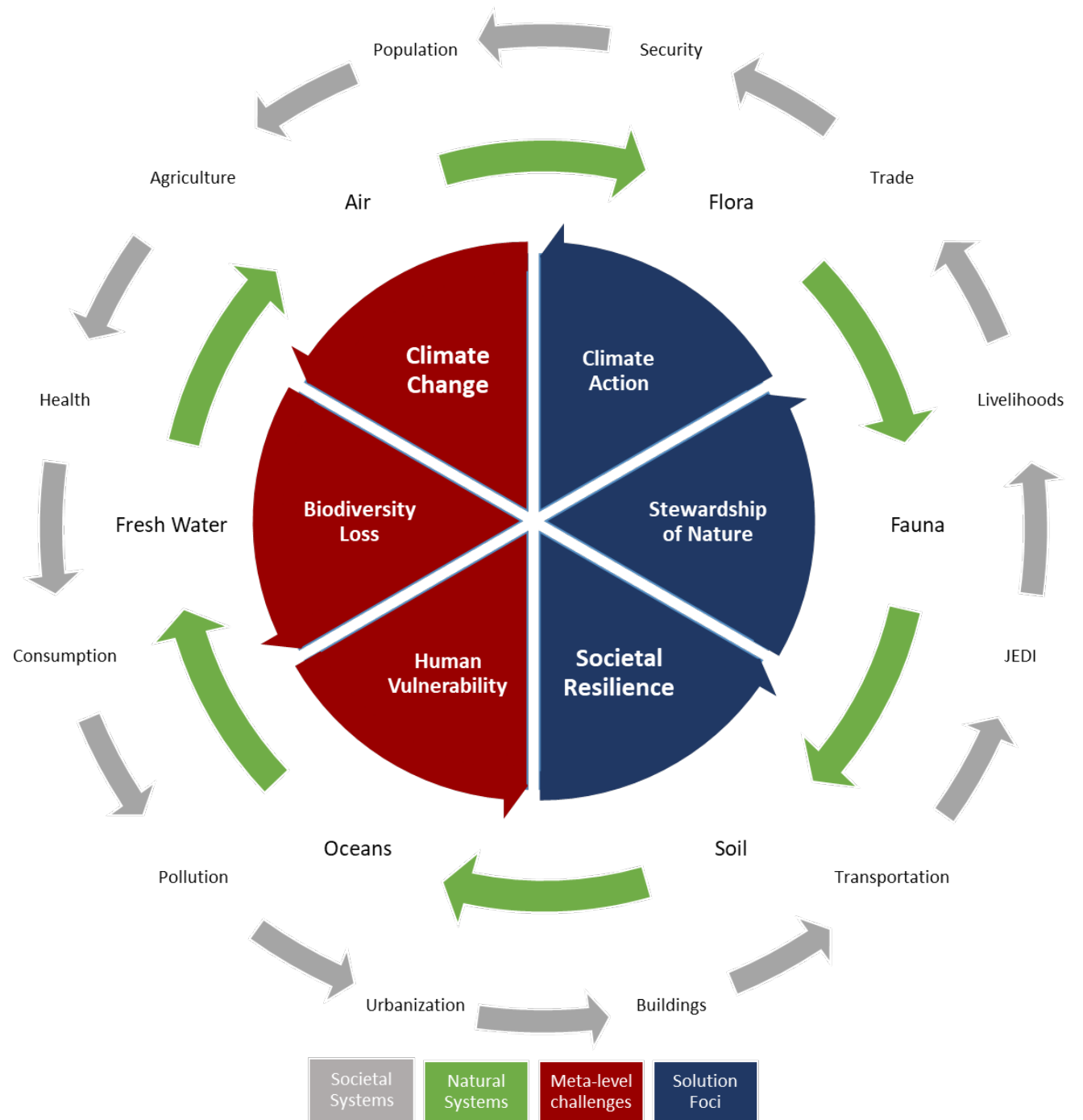
# 2021-2022 Milestones



# Preview: Faculty Review

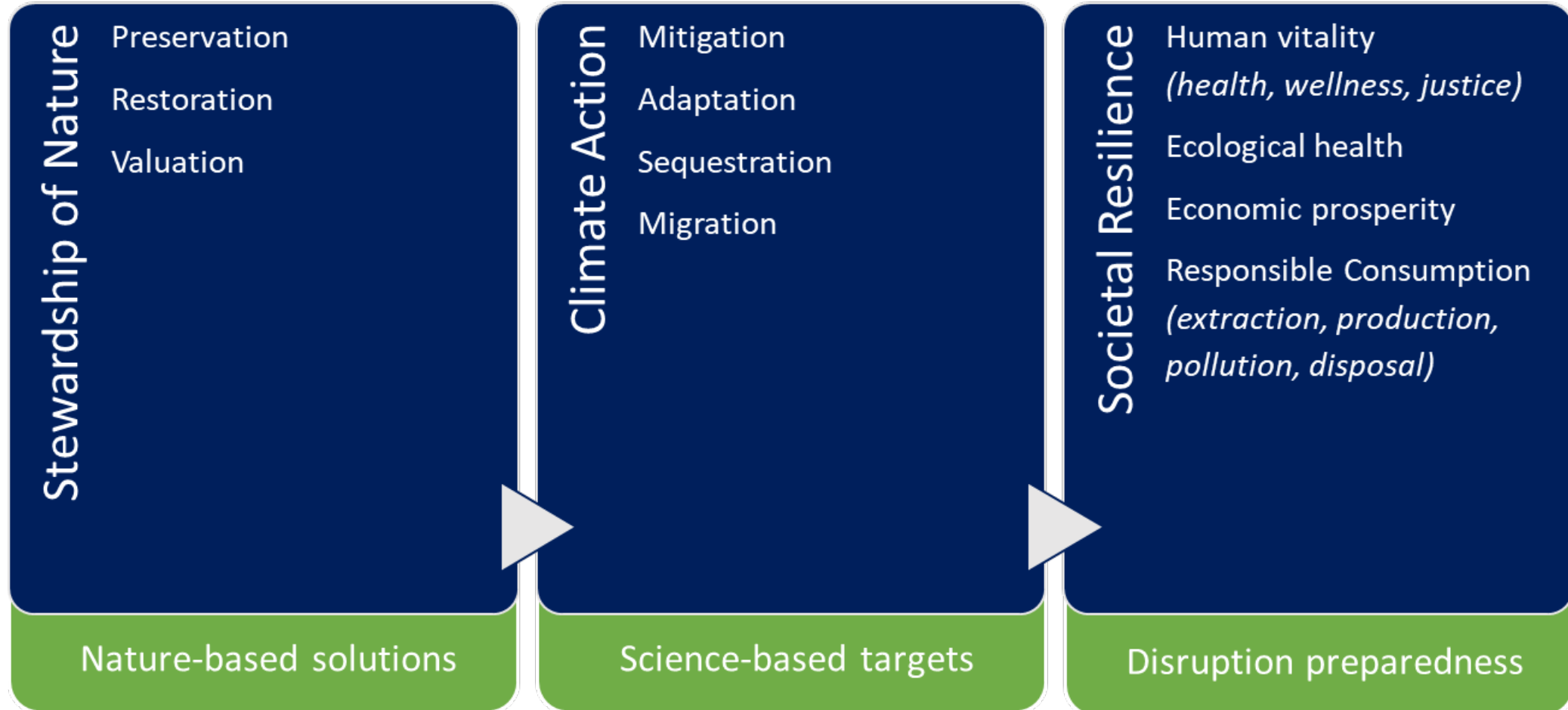


# Preview: Priorities in Context





# Preview: Starting Framework for Priorities



# Call for Proposals: Transdisciplinary Research Communities

**Award amounts:** between \$5,000 and \$20,000 per year

**Faculty Categories:**

*(one to three years)*

- Stewardship of Nature
- Climate Action
- Societal Resilience

**Open Categories:**

*(one year only)*

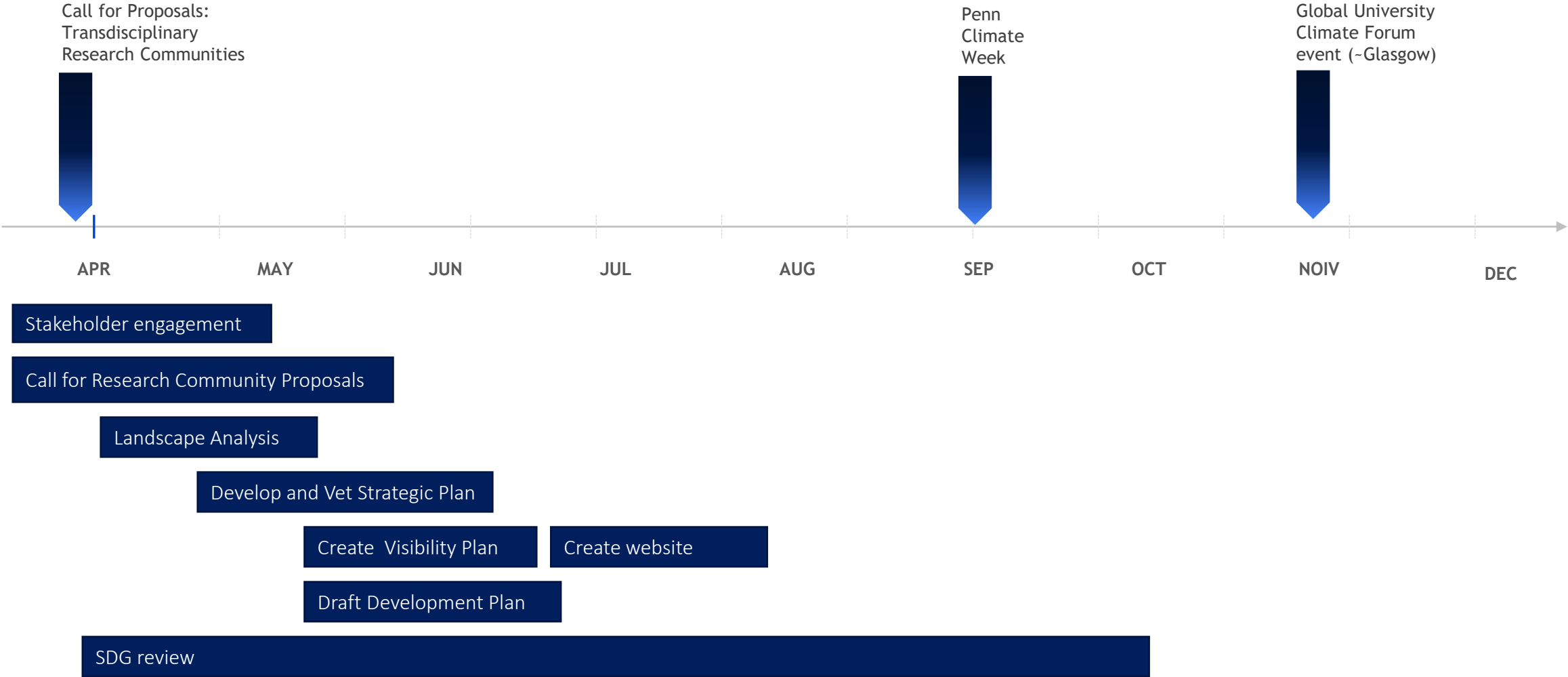
- Ideas into Action (open to staff)
- Next Generation Innovation (open to students)

**Timeline:**

*(tentative)*

- **March 30:** open
- **April 30:** applications due
- **May 10:** announce winners
- **September (Climate Week):** presentations from each winning team
- **April 2022 (Earth Week):** progress presentations

# Upcoming EII Milestones





Questions, Feedback, Ideas...

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Senior Director

[melissa.goodall@upenn.edu](mailto:melissa.goodall@upenn.edu)  
[provost.upenn.edu/eii](http://provost.upenn.edu/eii)