

# Community Engagement Frontier

Mid and Small Scale Experiments/Facilities  
(OK, not really!)



Panel 4  
July 26th, 2022

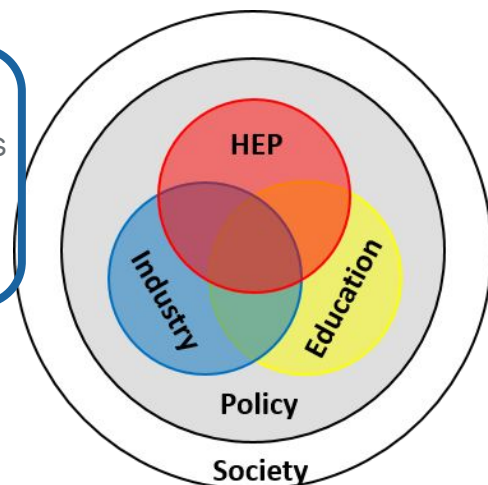
# On the last episode of CEF (i.e. Panel 2):

## Major Goals

- It is critical that we all agree on the importance of *everyone* working together to organize and develop our ongoing efforts in CE in a *coherent* manner focused on improving our HEP community and achieving the vision for our field
- A *structure* must be established within HEP for taking ownership and responsibility for *implementing* CEF recommendations and *monitoring* their progress across the entire field

## Structural Change

- All stakeholders form a P5–equivalent panel to shepherd CEF recommendations
  - Must have direct connection to multiple streams of resources
  - As opposed to P5: agencies fund/implement projects, so P5 lives within DOE/NSF
- Review CEF integration in Snowmass
  - Perhaps do major work on field–wide CEF planning asynchronously, enhance participation
  - Other Frontiers could still report on CEF activities during Snowmass



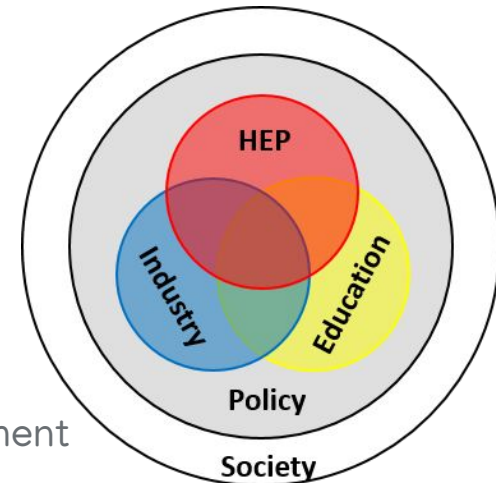
# Framework Ideas for Implementation & Monitoring

## The other Frontiers/Experiments have P5

- All the funding comes through the agencies, so the advisory panel for implementation lives only there

## CEF Needs Something Different, Broader

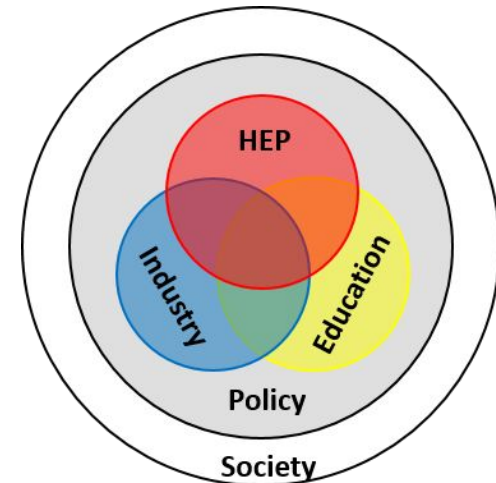
- We have resource needs too! (tiny compared to you, but still...)
  - Some will come from agencies, but a lot of it can't
- Multiple funding resources means multiple implementation stakeholders
- **5 Target Communities for Engagement**
  - **HEP: DPF** (\$) is most representative of the entire field, they may be best shepherds of HEP recs
  - **Industry:** partnership of **agencies** (\$\$\$), **labs** (\$\$), **univ.** (\$?) since that's where relationships with industry are formed.
  - **Education:** **URA** (\$) membership is univ. administrations, roles connecting academia with labs
  - **Policy:** **users groups** (¢) core to any new policy-focused entity
  - **Society:** **labs** (\$\$) are historical focal points for HEP public engagement
- **DPF** could oversee/lead this group, i.e. "CEF Small Project"



# Example “Sub-Projects”

## Specific areas in need of targeted support

- Staffing for the group tasked with implementation and monitoring
  - Researcher (surveys, other information gathering)
  - Legal/policy person (lots of recs deal with policy changes)
  - IT/resource manager/developer
  - Administration (a LOT of communication with HEP community)
- Contracting with external professionals
  - DEI experts
  - Survey professionals
  - ...
- CAD tools licensing package
  
- All CEF recommendations together might add up to just one Small-scale experiment project (i.e. <\$75M)!





# Thanks!

## Topical Group Conveners

- CEF01
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- CEF02
  - Julie Hogan, Aneliya Karadzhinova–Ferrer, Sudhir Malik
- CEF03
  - Carla Bonifazi, Johan S. Bonilla, Mu–Chun Chen, Cindy Lin, (Sam Meehan)
- CEF04
  - Sijbrand de Jong, Sudhir Mali, Randy Ruchti
- CEF05
  - Sarah Demers, Kathryn Jepsen, Don Lincoln, Azwinndini Muronga
- CEF06
  - Rob Fine, Louise Suter
- CEF07
  - Ken Bloom, Veronique Boisvert, Mike Headley

## Liaisons

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