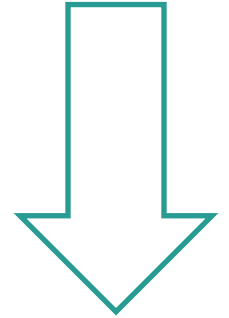


# Center for Carbon Removal



WIA Innovation and Finance Conference  
October, 2017

[www.centerforcarbonremoval.org](http://www.centerforcarbonremoval.org)  
[@CarbonRemoval](https://twitter.com/CarbonRemoval)

# Overview:

## Working with WY to build the carbon recycling industry

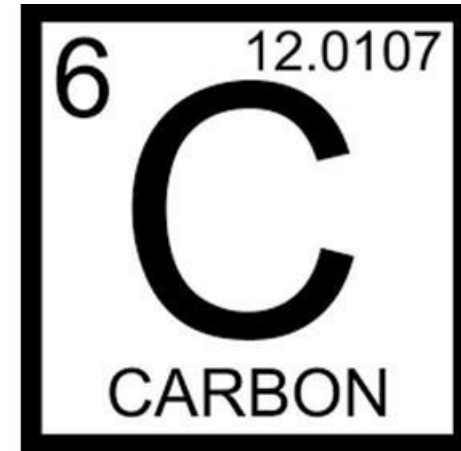
### 1. The carbon recycling

**opportunity:** early opportunity for innovation-driven, climate-smart, economic growth and job creation

**2. The problem:** several challenges face entrepreneurs today

### 3. Carbon Recycling Labs:



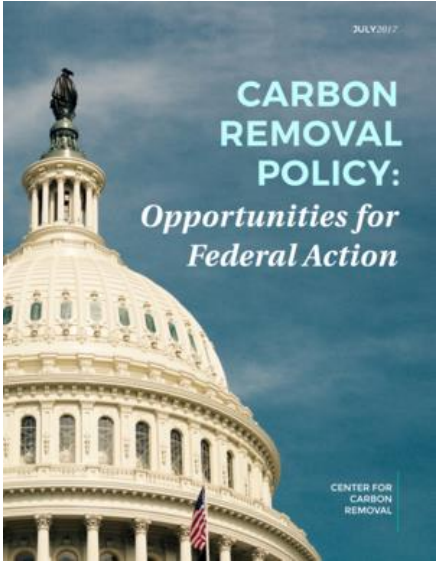
Partnership to build a hub of the new carbon economy in WY



# Center for Carbon Removal

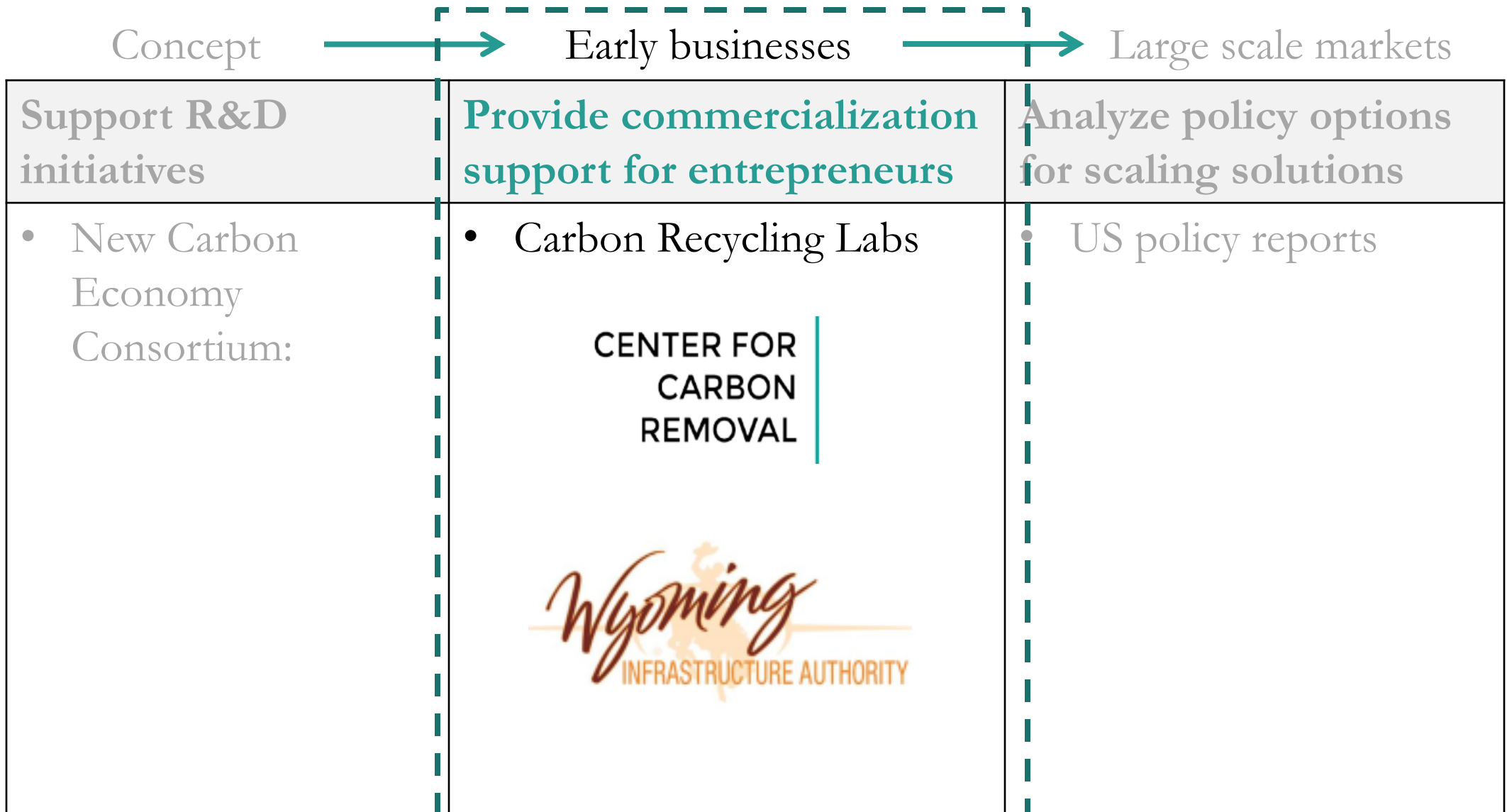
## Bringing promising carbon removal ideas from concept to market

Concept → Early businesses → Large scale markets

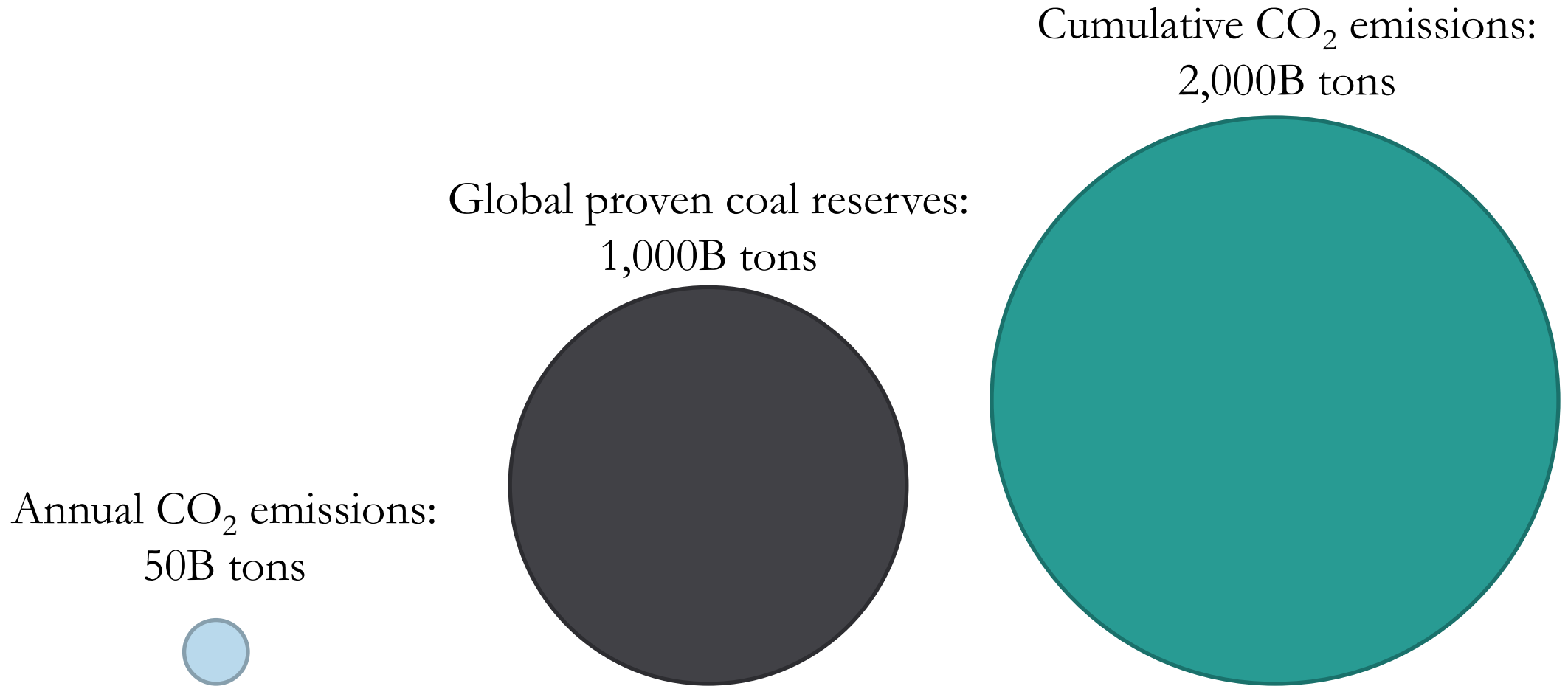
Support R&D initiatives	Provide commercialization support for entrepreneurs	Analyze policy options for scaling solutions
<ul style="list-style-type: none"> <li>New Carbon Economy Consortium:</li> </ul> 	<ul style="list-style-type: none"> <li>Carbon Recycling Labs</li> </ul> 	<ul style="list-style-type: none"> <li>US policy reports and engagement</li> </ul> 

# Center for Carbon Removal





## Bringing promising carbon removal ideas from concept to market



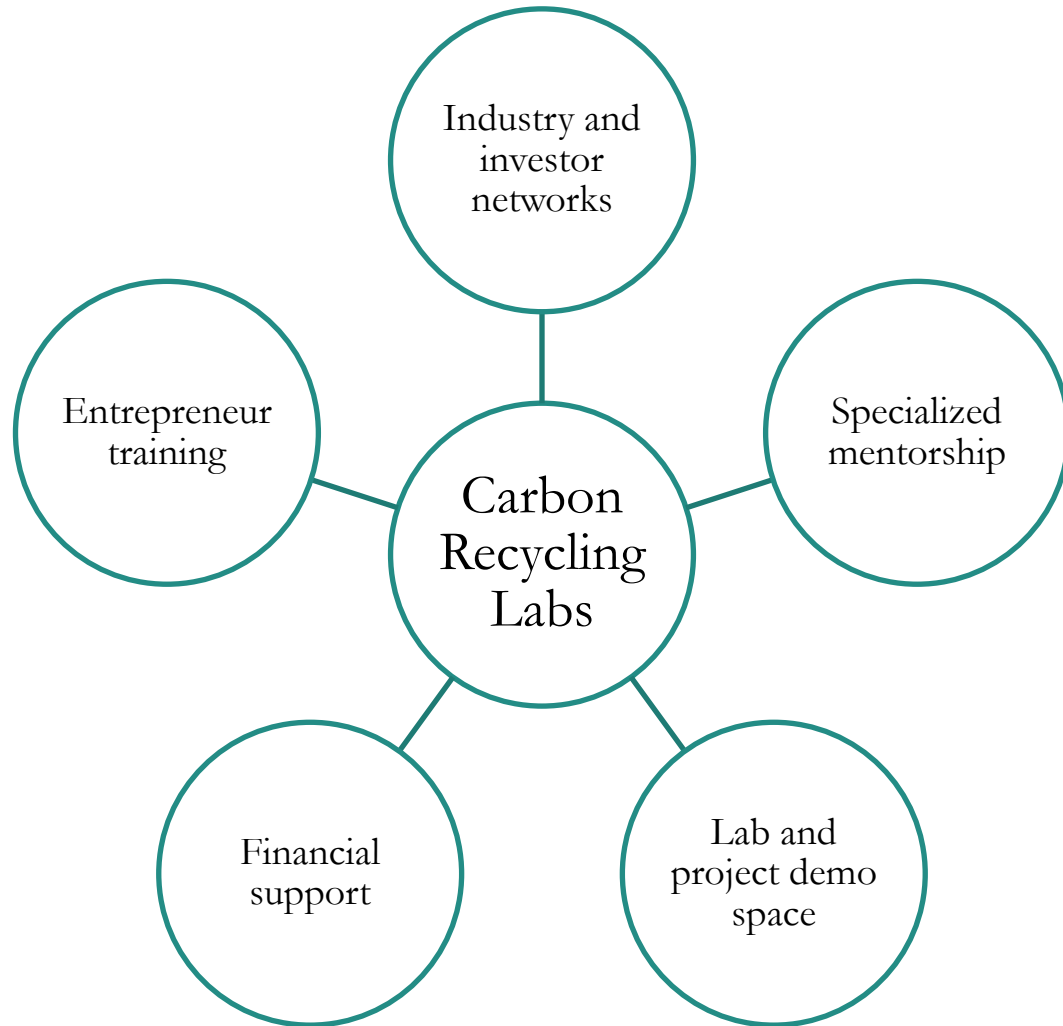
# The challenge and the opportunity: Turning carbon into value



# The CO<sub>2</sub> to value opportunity: Developing technology to mine the sky for manufacturing inputs

Fuels and chemicals	Building materials	Consumer goods
	 	

# Carbon Recycling Labs: Commercialization support for promising CO<sub>2</sub>-to-value concepts



- ✓ **Entrepreneurs:** get businesses investment-ready
- ✓ **Investors:** provides transparency and deal flow
- ✓ **Corporates:** Connects startups with corporate customers and development partners

# Carbon Recycling Labs: Timeline

	2018	2018-2019	2020+
Phase:	Phase 1: 3-month Accelerator (~20 teams)	Phase 2: tech dev (2-10 teams)	Phase 3: pilot
Activities	--entrepreneurship training with Clean Tech Open --Carbon Recycling Bootcamp	--Demo day	--Access partner facilities like WY ITC
Funding	~\$30k/team	~\$200k/team	TBD
Outcomes	--Product-market fit --Techno-economic and lifecycle carbon analysis	--prototype to validate technology	--MVP able to secure private sector investment



# Carbon Recycling Labs: Building the carbon economy of the future

## Partner organizations:

CENTER FOR  
CARBON  
REMOVAL



## 30+ member advisory board

including representatives from:

- BASF Ventures
- Breakthrough Energy Ventures
- Dow
- Google X
- Evok Innovations
- Kleiner Perkins
- Schlumberger Ventures
- Shell GameChangers
- Solvay Ventures

# Carbon Recycling Labs: How to get involved

## Carbon Recycling Lab partnership opportunities:

- Corporate and investment mentors
- Grant and investment support
- Startup support organizations collaborations

## Center for Carbon Removal contacts:

- Noah Deich – Executive Director:  
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- Dr. Matt Lucas – CRL lead:  
[matt.lucas@centerforcarbonremoval.org](mailto:matt.lucas@centerforcarbonremoval.org)

