

**2025 SENATE ENERGY AND NATURAL RESOURCES**

**SB 2143**

# 2025 SENATE STANDING COMMITTEE MINUTES

## Energy and Natural Resources Committee

Peace Garden Room, State Capitol

SB 2143  
1/16/2025

Relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

11:18 a.m. Vice Chairman Kessel opened the hearing.

Members present:

Chairman Patten, Vice Chairman Kessel, Senators: Beard, Boehm, Enget, Gerhardt, and Van Oosting.

### Discussion Topics:

- Water and irrigation permits
- Technology development
- Exploratory research
- Education and outreach

11:18 a.m. Chairman Dale Patten introduced the bill.

11:18 a.m. Thomas Erickson, UND EERC - Director, State Energy Research Center, testified in favor and submitted testimony #29161.

11:43 a.m. Brady Pelton, Vice President ND Petroleum Council, testified in favor.

11:46 a.m. Vice Chairman Kessel closed the hearing.

*Kendra McCann, Committee Clerk*



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**NORTH DAKOTA**®



Critical Challenges. Practical Solutions.

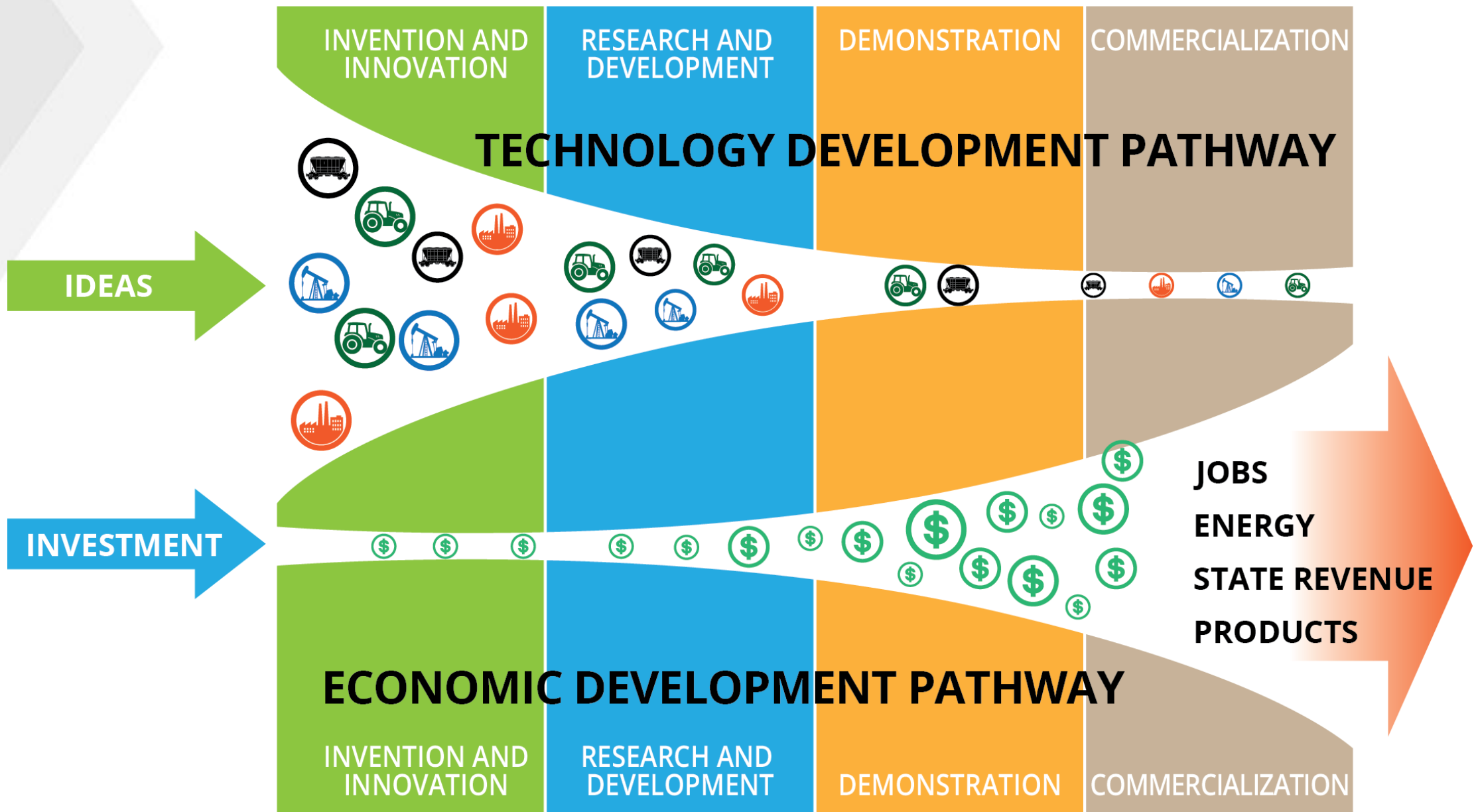


# State Energy Research Center – 5+ Years of Progress

Presented to the ND Legislature -  
Senate Energy and Natural  
Resources Committee

Tom Erickson, EERC SERC Director  
January 16, 2025





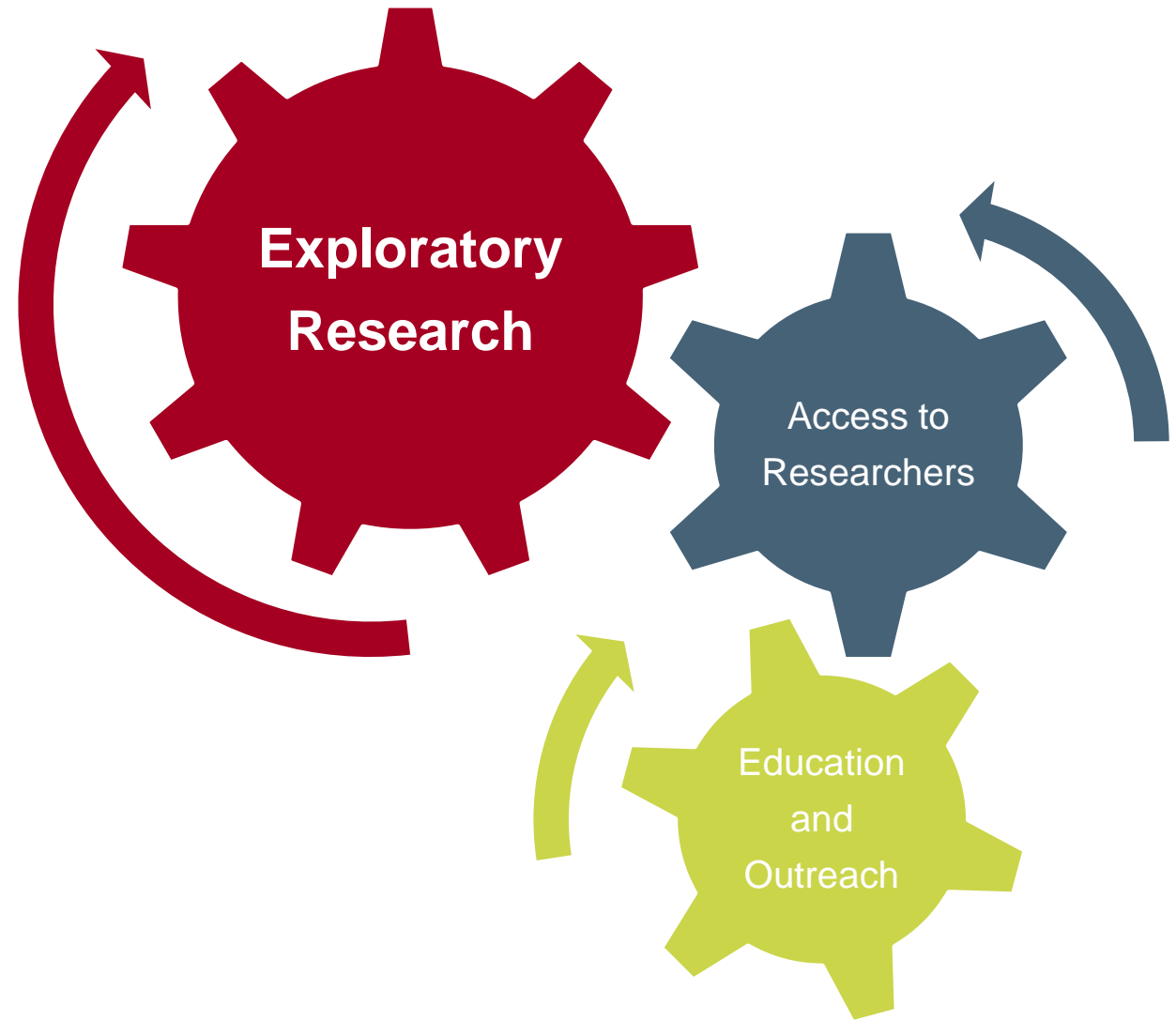
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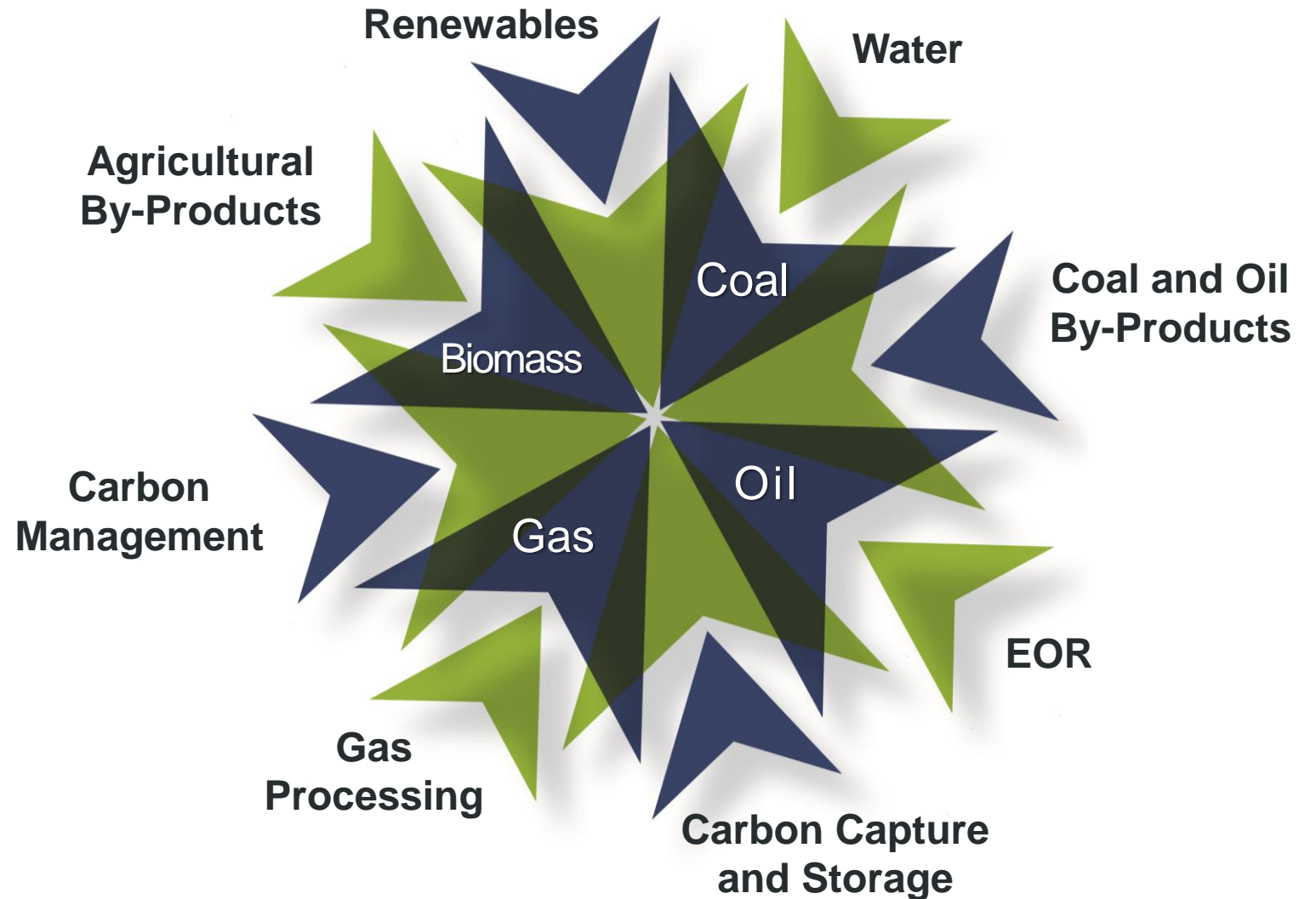
# EXPLORATORY RESEARCH





# INVENTION AND INNOVATION

**Funded 60+  
projects/strategic  
initiatives across all  
North Dakota energy  
platforms!**



# RESEARCH AND DEVELOPMENT

**SERC exploratory projects lead to larger research and development (R&D) projects, largely funded by the federal government.**

- \$71 million on proposed follow-on R&D
- \$33 million in awarded R&D to date
- \$24 million in pending awards
- Launched two strategic initiatives:
  - Enhance Energy Resiliency for North Dakota's Military Installations
  - Critical and Novel Materials for North Dakota's Energy Growth





# DEMONSTRATION

**Several SERC-supported technologies have begun demonstration/application testing already.**

- One technology in field demonstrations
- One technology nearing field demonstration
- Several technologies being tested for application-specific uses
- Several technologies seeking funding opportunities to advance to demonstration/specific-use evaluations



# COMMERCIALIZATION

**SERC technologies are being protected and already commercialized to serve North Dakota.**

- 11 U.S. patent applications submitted to date (21 additional continuation, CIP, divisional or foreign applications)
- Six U.S. patents received to date (five additional continuation or CIP patents received)
- One commercial license finalized
- One commercial license near completion
- Other conversations occurring about licensing opportunities





# Polar Bear™

## INVENTION AND INNOVATION

- SERC award to advance the compressor technology.

## RESEARCH AND DEVELOPMENT

- Initial \$1,000,000 federal award.
- Significant “in-kind” support from Steffes.
- Additional \$2,000,000 federal award.

## DEMONSTRATION

- Two manufacturers working on new compressor models.
- First demonstration is in the field.
- Additional demonstration units ready for deployment.
- Larger commercial pilot project in development.

## COMMERCIALIZATION

- Multiple patents already received.
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# GRAPHENE FROM ND LIGNITE

## INVENTION AND INNOVATION

- SERC award to evaluate concept.
- SERC award to explore applications in low-viscosity oil.

## RESEARCH AND DEVELOPMENT

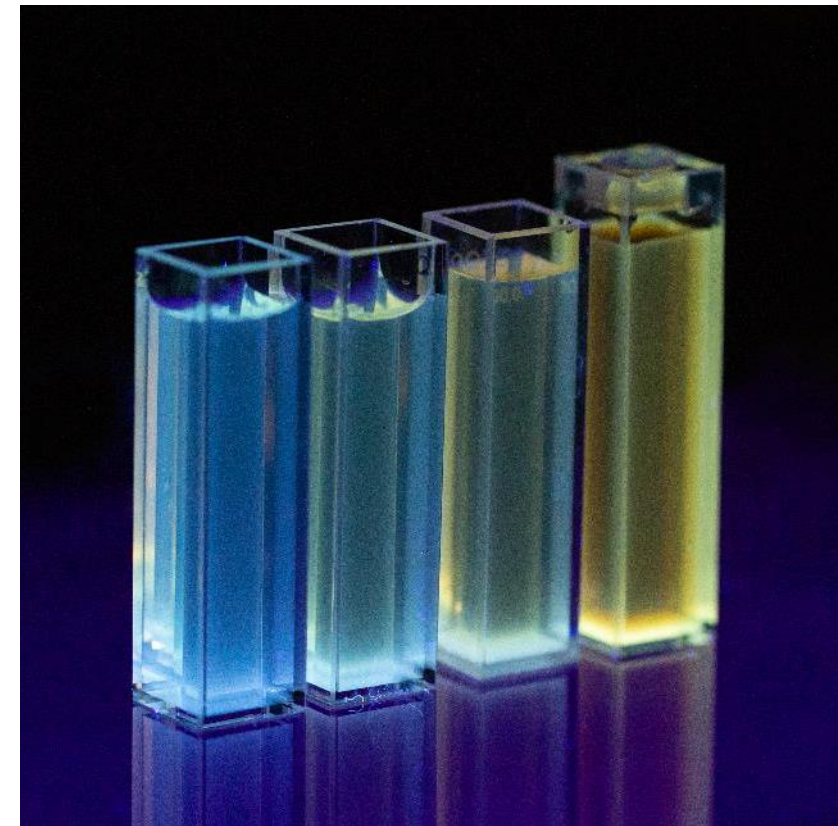
- \$930,000 federal award to further research.

## DEMONSTRATION

- \$1.5 million to investigate for lithium batteries.

## COMMERCIALIZATION

- Two patents received, with an additional CIP application in process.



# VALUE FROM NORTH DAKOTA BRINES/CO<sub>2</sub> CAPTURE

## INVENTION AND INNOVATION

- SERC award to investigate the topic of North Dakota brines.
- SERC award to further develop concept for North Dakota brines.

## RESEARCH AND DEVELOPMENT

*CO<sub>2</sub> Ocean Capture (direct air capture [DAC]):*

- *\$500,000 DOE ARPA-E award*
- *\$250,000 DOE award (Phase I)*
- *\$900,000 BIRD Foundation award*

## DEMONSTRATION

- *Moving toward first demonstration in Israel.*

## COMMERCIALIZATION

- *Three patents received to date – application and disclosures active.*
- *Commercial license with Carbon Blue.*



# READY ACCESS TO EERC EXPERTS

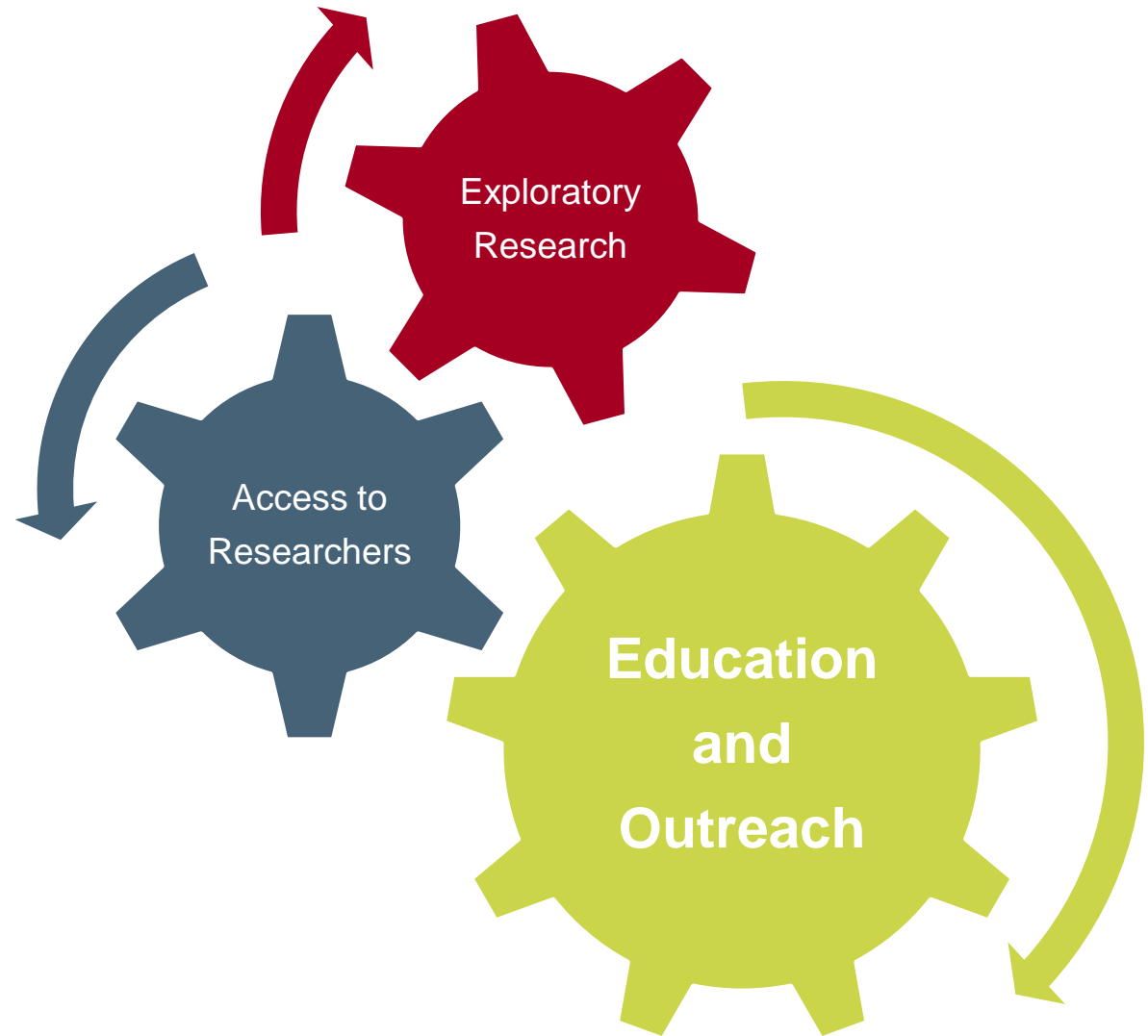


# SUMMARY OF ACTIVITIES

**North Dakota Industrial Commission (NDIC)-chosen projects are focused on serving a critical and timely need for North Dakota.**

- Updated the grid resiliency plan for the ND Transmission Authority.
- Supported a legislatively directed study (HB1429) by conducting an EOR tax analysis in conjunction with the ND Tax Commission.
- Launched a study on the effect of large loads (such as data centers) on the ND transmission grid and how to better design for their inclusion.

# EDUCATION AND OUTREACH





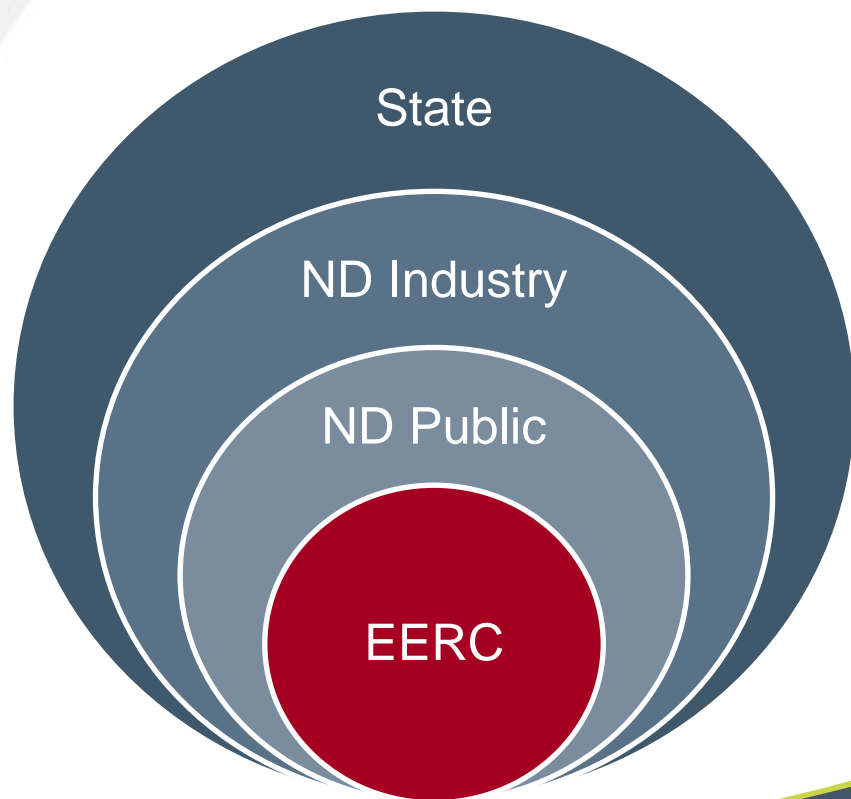
# ENERGY HAWKS

The Energy Hawks Program provides an opportunity for college students to learn about North Dakota's wide range of energy technologies to enhance their ability to serve North Dakota as employees, leaders, taxpayers, and voters in the future.

- 86 university students from throughout North Dakota.
- Students come from a wide academic background.
- Energy Hawks learn about “all things North Dakota energy.”
- Program includes a weeklong tour in western North Dakota visiting with state and industry leaders and touring facilities.
- Students are then tasked with identifying new opportunities.



# QUALIFYING AND QUANTIFYING THE IMPACT



2019

2020

2021

2022

2023

2024

and BEYOND!





**Tom Erickson**  
**COO and VP for Intellectual Property**  
**terickson@undeerc.org**  
**701.777.5130**

**Energy & Environmental  
Research Center**  
University of North Dakota  
15 North 23rd Street, Stop 9018  
Grand Forks, ND 58202-9018

**www.undeerc.org**  
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A wide-angle photograph of a university campus at sunset. The sun is low on the left, casting a warm glow over the scene. In the foreground, there are large trees with yellowing leaves. In the background, there are several large, multi-story brick buildings, likely university halls or administrative buildings. A parking lot with many cars is visible in front of the buildings. The sky is a mix of orange, yellow, and blue.

**THANK YOU**

**Critical Challenges. Practical Solutions.**



**EERC**



UNIVERSITY OF  
**NORTH DAKOTA**



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# 2025 SENATE STANDING COMMITTEE MINUTES

## Energy and Natural Resources Committee Peace Garden Room, State Capitol

SB 2143  
1/16/2025

Relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

2:22 p.m. Chairman Patten opened the hearing.

Members present:

Chairman Patten, Vice Chairman Kessel, Senators: Beard, Boehm, Enget, Gerhardt, and Van Oosting.

### Discussion Topics:

- Leveraging funds
- Ideal budget
- Double external funds
- Impacted projects

2:26 p.m. Thomas Erickson, UND EERC - Director, State Energy Research Center, answered questions.

2:35 p.m. Chairman Patten closed the hearing.

2:35 p.m. Senator Kessel moved a Do Pass and Rerefer to Appropriations.

2:35 p.m. Senator Enget seconded the motion.

| Senators                    | Vote |
|-----------------------------|------|
| Senator Dale Patten         | Y    |
| Senator Greg Kessel         | Y    |
| Senator Todd Beard          | Y    |
| Senator Keith Boehm         | Y    |
| Senator Mark Enget          | Y    |
| Senator Justin Gerhardt     | Y    |
| Senator Desiree Van Oosting | Y    |

Motion Passed 7-0-0.

2:36 p.m. Senator Boehm will carry the bill.

2:37 p.m. Chairman Patten adjourned the meeting.

*Kendra McCann, Committee Clerk*



**REPORT OF STANDING COMMITTEE**  
**SB 2143 ([25.0763.01000](#))**

**Energy and Natural Resources Committee (Sen. Patten, Chairman)** recommends **DO PASS** and **BE REREFERRED** to the **Appropriations Committee** (7 YEAS, 0 NAYS, 0 ABSENT OR EXCUSED AND NOT VOTING). SB 2143 was rereferred to the **Appropriations Committee**. This bill does not affect workforce development.

**2025 SENATE APPROPRIATIONS**

**SB 2143**

# 2025 SENATE STANDING COMMITTEE MINUTES

## Appropriations - Education and Environment Division Sakakawea Room, State Capitol

SB 2143  
1/27/2025

A BILL for an Act to amend and reenact section 57-51.1-07.9 of the North Dakota Century Code, relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

3:00 p.m. Chairman Sorvaag called the meeting to order.

Members Present: Chairman Ronald Sorvaag, Senator Cole Conley, Senator Scott Meyer, Senator Donald Schaible, Senator Paul J. Thomas.

### **Discussion Topics:**

- Ongoing projects
- Commercialization of projects.

3:01 p.m. Senator Dale Patton, District 26, introduced the bill & testified in favor.

3:02 p.m. Tom Erickson, Director, Energy of Environmental Research Center, testified in favor and submitted testimony #31524.

3:23 p.m. Charles Gorecki, CEO, EERC, testified in favor.

3:25 p.m. Tom Erikson, Director, EERC, testified in favor.

3:31 p.m. Chairman Sorvaag adjourned the meeting.

*Steven Hall, Committee Clerk*



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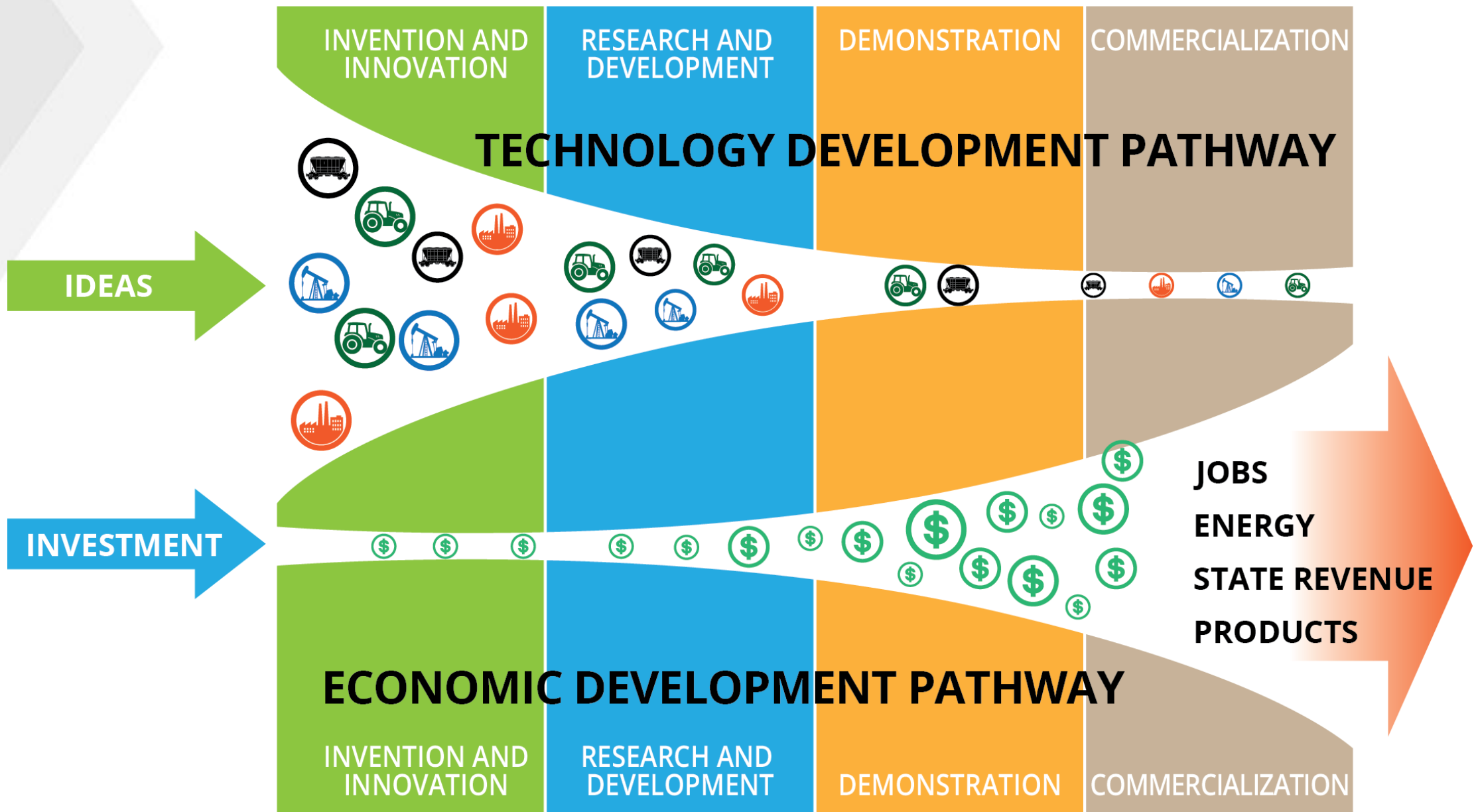


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January 27, 2025





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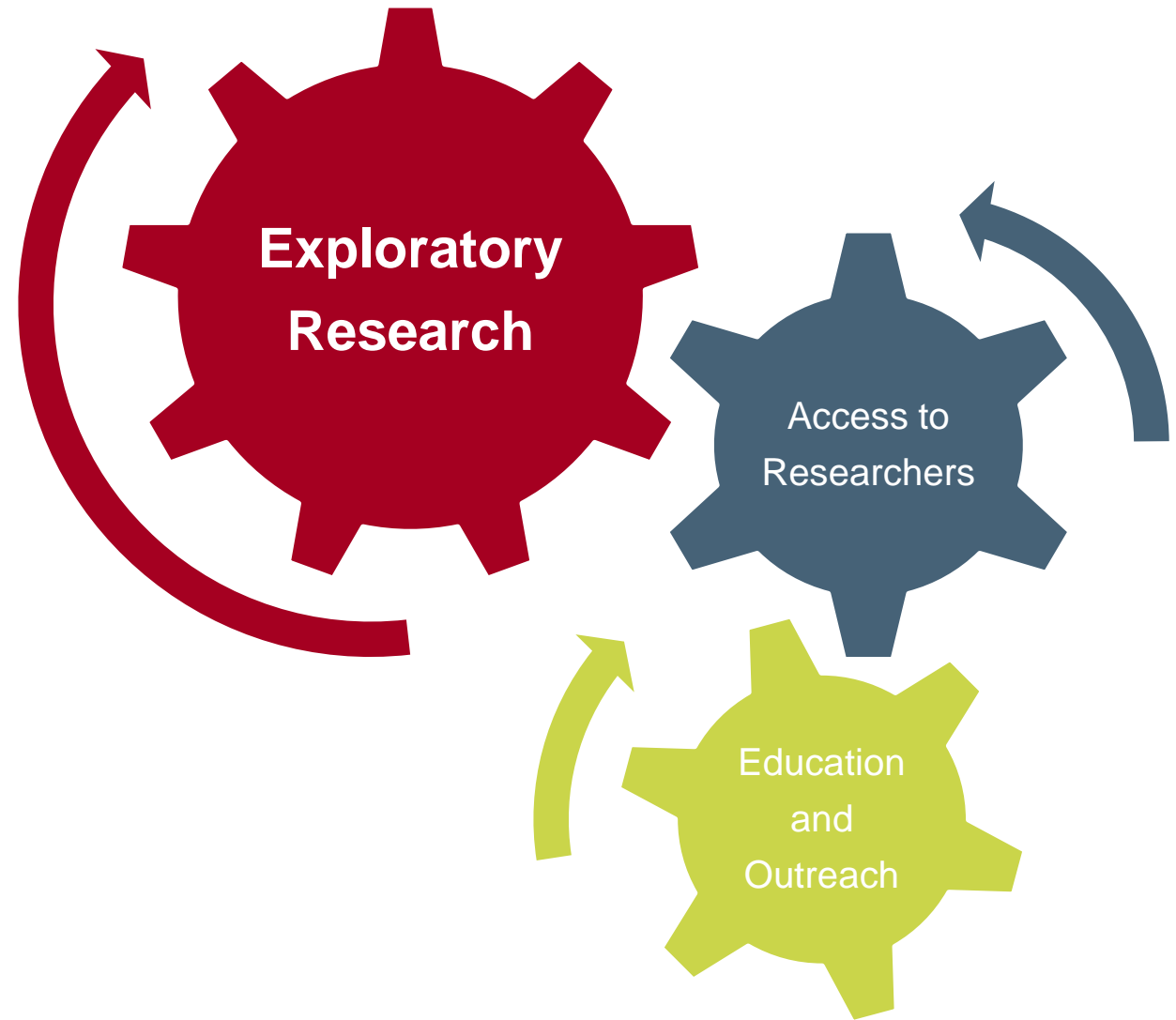
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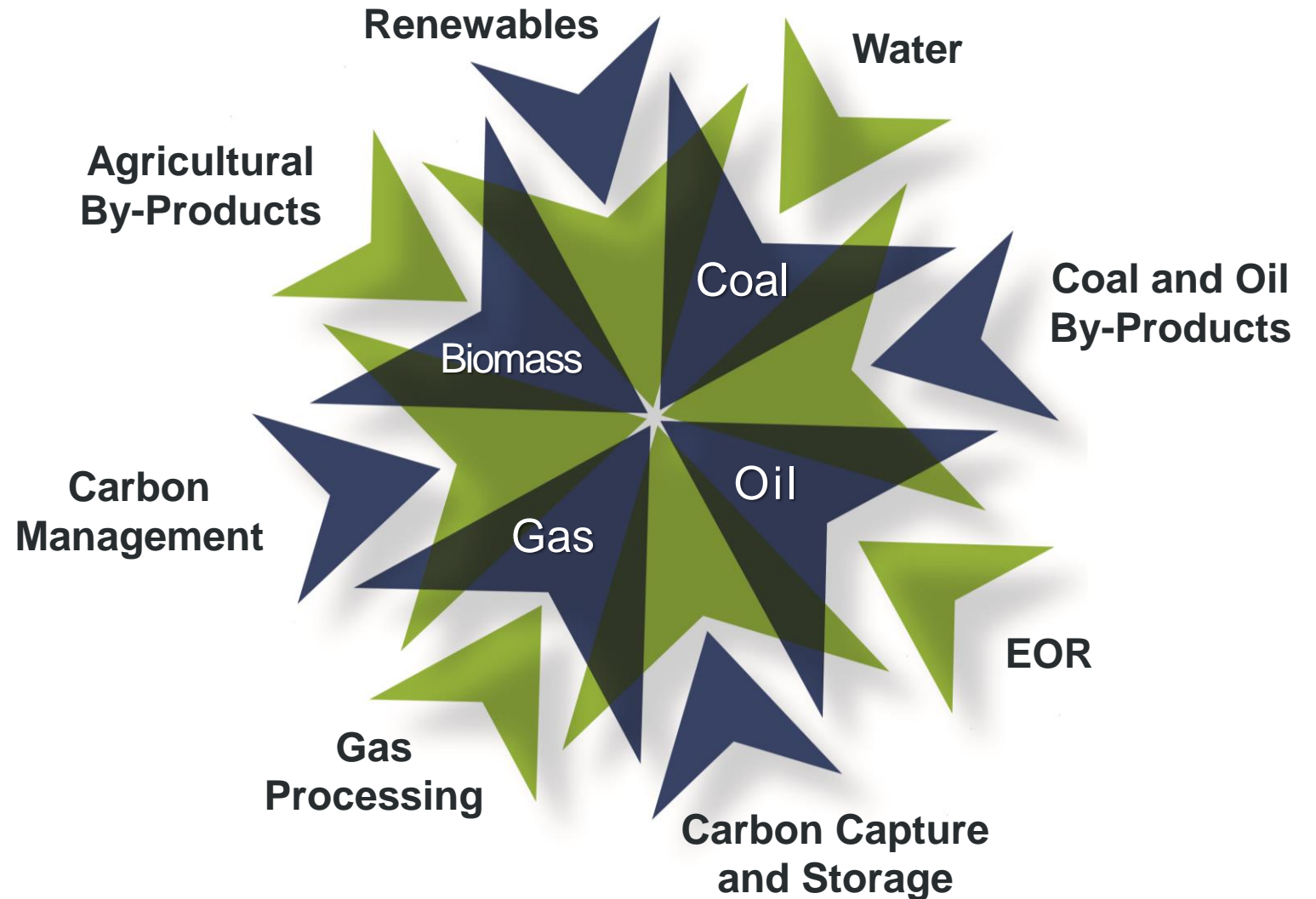


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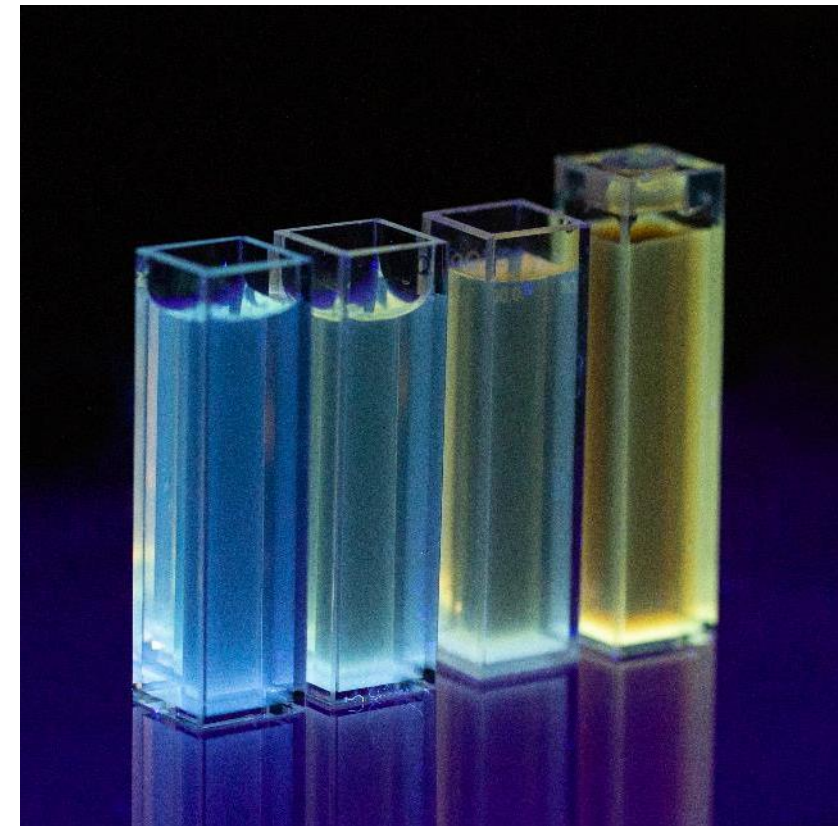
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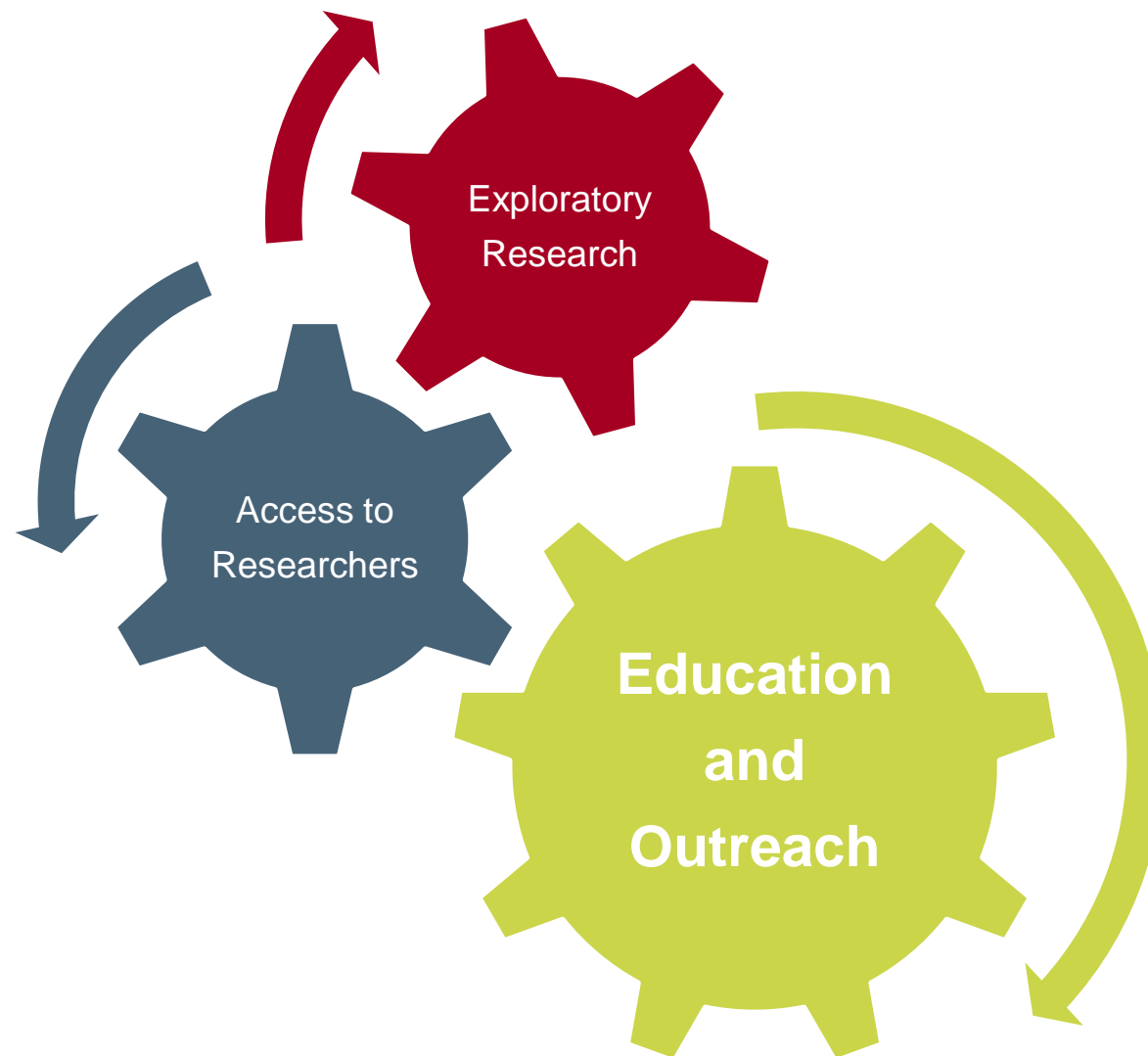


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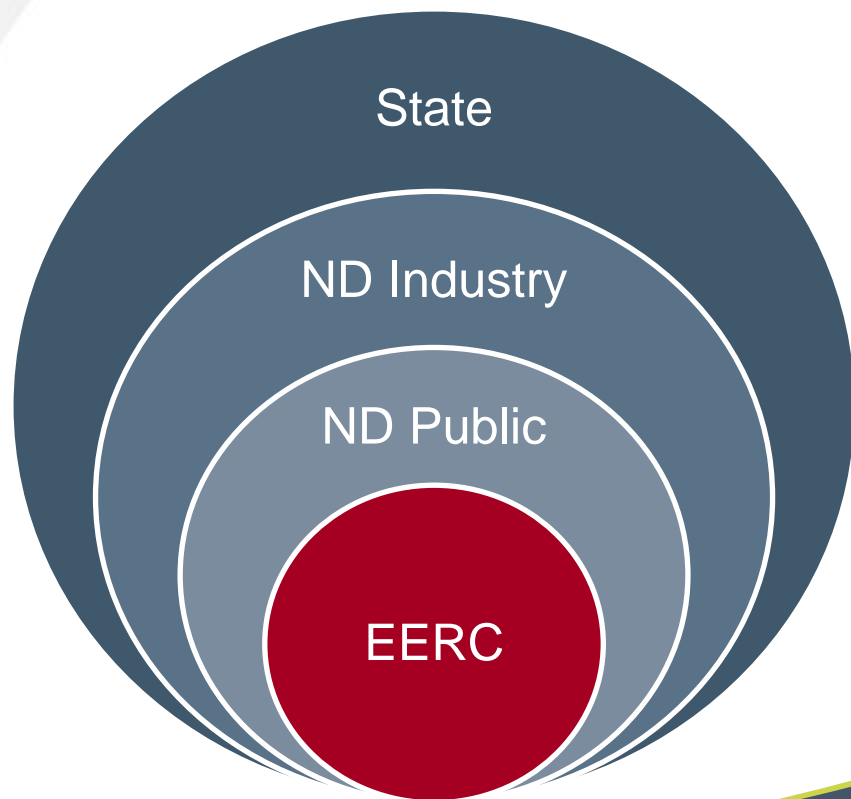
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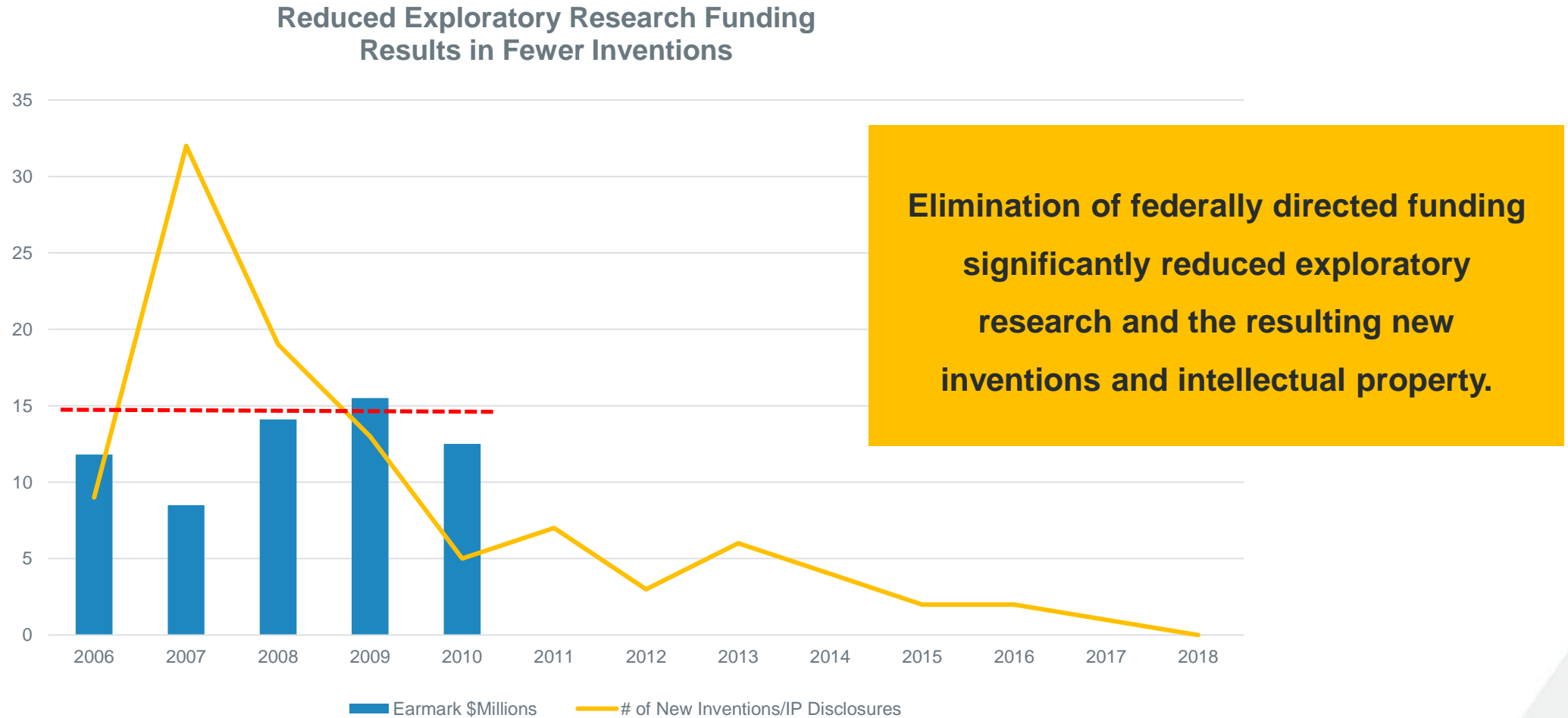
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Energy & Environmental Research Center (EERC)

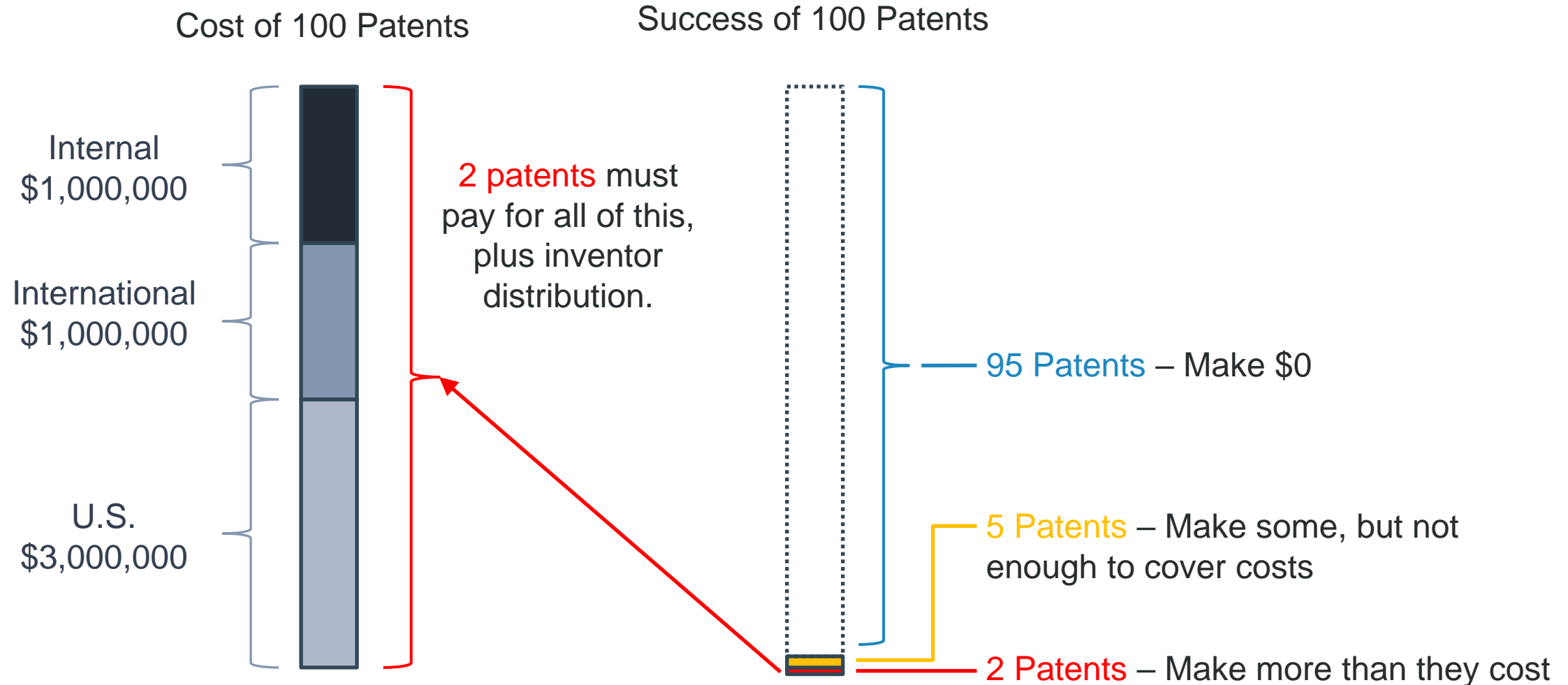
# Back-Up Material

# SIGNIFICANT REDUCTION IN NEW EERC INNOVATION AND INVENTION





# FINANCIAL CHALLENGE OF PATENTING



# IP MATURITY

IP, when transferred to the EERC Foundation, is typically not fine-tuned for commercial applications; it requires significant further development and demonstration.

Example: Mercury Control

- 2003 – First IP submitted
- 2005 – Core IP created
- 2006–2008 – First license (failed!)
- 2009 – Second license
- approx. 2014 – Royalties finally exceed expenses

*10 Years  
of Risk*

**Further development  
means additional  
research funding!**



# NORTH DAKOTA GRID RESILIENCY PLAN

## Project Goal

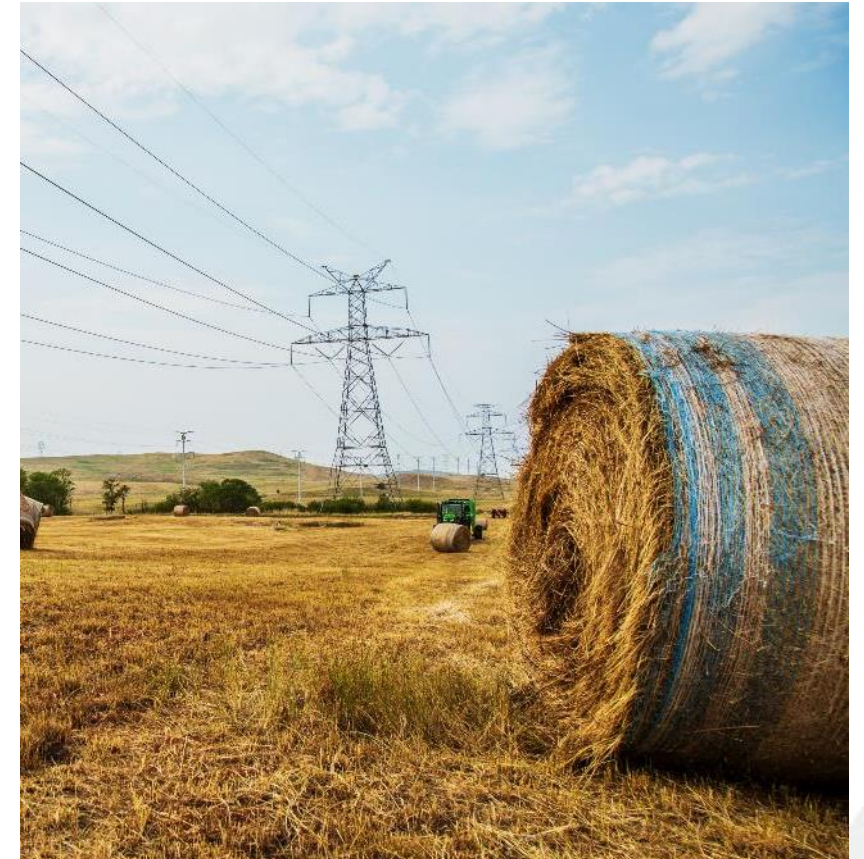
- Develop a grid resiliency plan to assess natural, technological, and manmade threats to the North Dakota electric grid, evaluate their impacts and consequences, and recommend various mitigation strategies.

## Risks Identified

- Ice/snowstorms, changing resource mix and resource inadequacy, aging infrastructure, energy policy, supply chain interruptions, and cyberattacks.

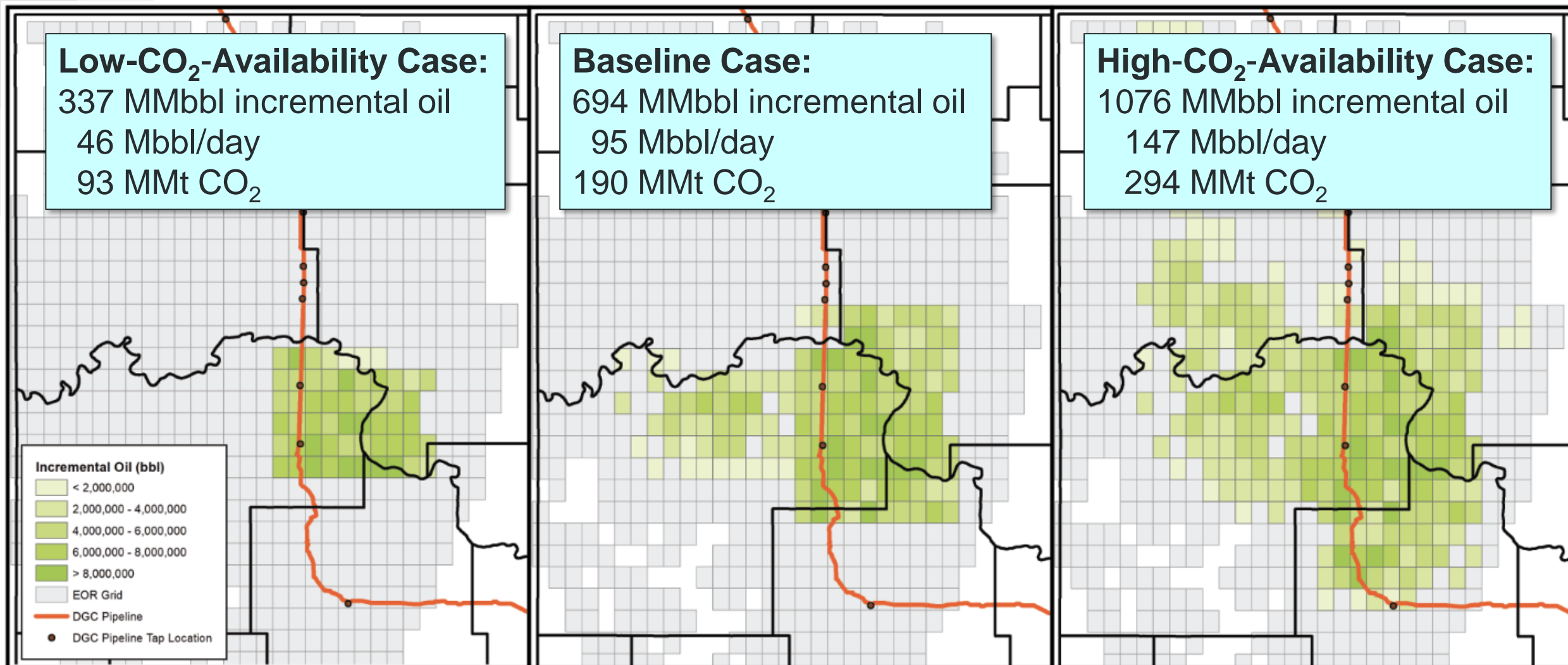
## Recommendations

- Strengthen resource adequacy
- Enhance infrastructure resilience
- Centralize supply chain management
- Implement cybersecurity measures
- Prioritize maintenance of aging infrastructure
- Establish continuous resilience assessment



Critical Challenges. Practical Solutions.

# BAKKEN 20-YEAR CO<sub>2</sub> EOR PERFORMANCE

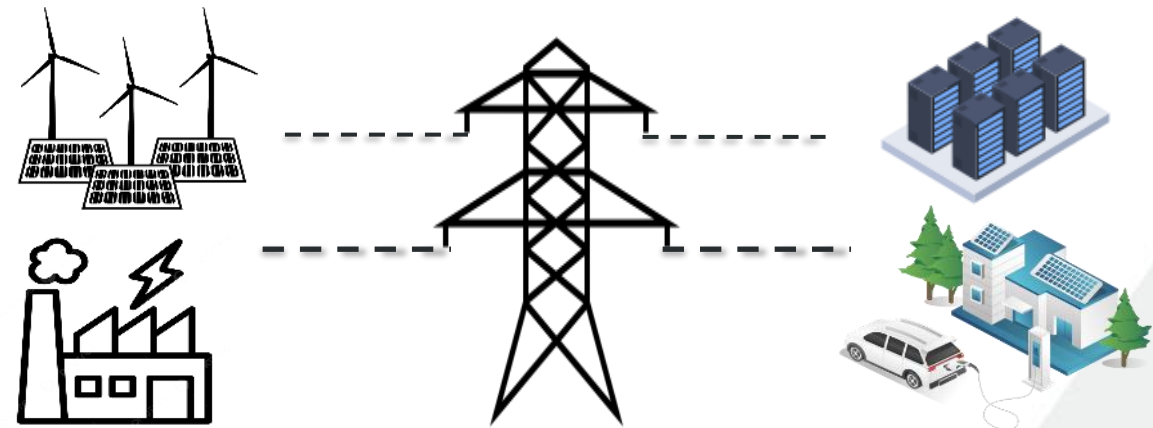




# FUTURE-PROOFING NORTH DAKOTA'S ELECTRICAL INFRASTRUCTURE

## PROJECT OVERVIEW

- Investigate critical issues impacting the North Dakota electrical grid
  - Changing resource mix
  - New policies and regulations affecting electricity generation
  - Increasing renewables
  - Delays in transmission infrastructure build-out
  - Load growth on resource adequacy and electricity reliability
- Develop North Dakota grid model and analyze resource adequacy and transmission capacity
- Facilitate the development of tailored solutions to address operational, policy, regulatory, and economic challenges of the electricity grid of the future
- Engage stakeholders for input and future directions



Critical Challenges. Practical Solutions.

# VALUE FROM NORTH DAKOTA BRINES/CO<sub>2</sub> CAPTURE

## INVENTION AND INNOVATION

- SERC award to investigate the topic of North Dakota brines.
- SERC award to further develop concept for North Dakota brines.

## RESEARCH AND DEVELOPMENT

*CO<sub>2</sub> Ocean Capture (direct air capture [DAC]):*

- *\$500,000 DOE ARPA-E award*
- *\$250,000 DOE award (Phase I)*
- *\$900,000 BIRD Foundation award*

## DEMONSTRATION

- *Moving toward first demonstration in Israel.*

## COMMERCIALIZATION

- *Three patents received to date – application and disclosures active.*
- *Commercial license with Carbon Blue.*



# 2025 SENATE STANDING COMMITTEE MINUTES

## Appropriations - Education and Environment Division Sakakawea Room, State Capitol

SB 2143  
2/10/2025

A BILL for an Act to amend and reenact section 57-51.1-07.9 of the North Dakota Century Code, relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

10:35 a.m. Chairman Sorvaag called the meeting to order.

Members Present: Chairman Ronald Sorvaag, Senator Cole Conley, Senator Scott Meyer, Senator Donald Schaible, Senator Paul J. Thomas.

### Discussion Topics:

- Amount of funding used vs. given.

10:36 a.m. Senator Schaible testified in neutral.

10:36 a.m. Senator Meyer moved a Do Pass.

10:36 a.m. Senator Conley seconded the motion.

Roll Call Vote:

| Senators                | Vote |
|-------------------------|------|
| Senator Ronald Sorvaag  | Y    |
| Senator Cole Conley     | Y    |
| Senator Scott Meyer     | Y    |
| Senator Donald Schaible | Y    |
| Senator Paul J. Thomas  | Y    |

Motion Passed: 5-0-0

Senator Meyer will carry the bill.

10:37 a.m. Chairman Sorvaag closed the meeting.

*Steven Hall, Committee Clerk*

# 2025 SENATE STANDING COMMITTEE MINUTES

## Appropriations Committee Harvest Room, State Capitol

SB 2143  
2/13/2025

A BILL for an Act to amend and reenact section 57-51.1-07.9 of the North Dakota Century Code, relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

9:06 a.m. Chairman Bekkedahl opened the hearing.

Members Present: Chairman Bekkedahl, Vice-Chairman Erbele, and Senators Burckhard, Cleary, Conley, Davison, Dever, Magrum, Mathern, Meyer, Schaible, Sickler, Sorvaag, Thomas, Wanzek.

Members Absent: Senator Dwyer.

### Discussion Topics:

- Committee Action

9:06 a.m. Senator Meyer introduced the bill.

9:07 a.m. Senator Meyer moved a Do Pass.

9:07 a.m. Senator Conley seconded the motion.

| Senators                   | Vote |
|----------------------------|------|
| Senator Brad Bekkedahl     | Y    |
| Senator Robert Erbele      | Y    |
| Senator Randy A. Burckhard | Y    |
| Senator Sean Cleary        | Y    |
| Senator Cole Conley        | Y    |
| Senator Kyle Davison       | Y    |
| Senator Dick Dever         | Y    |
| Senator Michael Dwyer      | A    |
| Senator Jeffery J. Magrum  | N    |
| Senator Tim Mathern        | Y    |
| Senator Scott Meyer        | Y    |
| Senator Donald Schaible    | Y    |
| Senator Jonathan Sickler   | Y    |
| Senator Ronald Sorvaag     | Y    |
| Senator Paul J. Thomas     | Y    |
| Senator Terry M. Wanzek    | Y    |

Motion Passed 14-1-1.

Senator Boehm will carry the bill.



Senate Appropriations Committee

SB 2143

02/13/2025

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9:09 a.m. Chairman Bekkedahl closed the hearing.

*Elizabeth Reiten, Committee Clerk*

**REPORT OF STANDING COMMITTEE**  
**SB 2143 ([25.0763.01000](#))**

**Appropriations Committee (Sen. Bekkedahl, Chairman)** recommends **DO PASS** (14 YEAS, 1 NAY, 1 ABSENT AND NOT VOTING). SB 2143 was placed on the Eleventh order on the calendar. This bill does not affect workforce development.

**2025 HOUSE ENERGY AND NATURAL RESOURCES**

**SB 2143**

# 2025 HOUSE STANDING COMMITTEE MINUTES

## Energy and Natural Resources Committee

Coteau AB Room, State Capitol

SB 2143

3/13/2025

Relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

9:00 a.m. Chairman Porter called the meeting to order.

Members Present: Chairman Porter, Vice Chairman Anderson, Vice Chair Novak,  
Representatives: Dockter, Hagert, Headland, Heinert, Johnson, Marschall, Olson, M.  
Ruby, Conmy, Foss

### Discussion Topics:

- Language clean up
- Reduction of flaring
- Funding for research
- Energy Hawks Program

9:01 a.m. Senator Patten introduced the bill.

9:02 a.m. Thomas Erickson, Director, State Energy Research Center, UND EERC, testified in favor and submitted testimony. #40947 #40948

9:12 a.m. Chairman Porter closed the hearing.

*Leah Kuball, Committee Clerk*





March 11, 2025

Chairman Porter and members of the House Energy and Natural Resources Committee, my name is Tom Erickson, and I am the Chief Operations Officer at the University of North Dakota (UND) Energy & Environmental Research Center (EERC) as well as the EERC Director of the State Energy Research Center (SERC). I am submitting this testimony in support of Senate Bill (SB) 2143.

I have had the honor of leading SERC at the EERC since its creation, and I am extremely grateful for the opportunity that the North Dakota Legislature has afforded the EERC to better serve the people of North Dakota by providing critical fundamental (early-stage) research into promising new ideas that will serve the state in the future. SERC is focused on developing new ideas and methodologies that can enhance our energy production, decrease our impact on the environment, improve the lives of our citizens, and increase revenues to the state. The early-stage ideas that prove successful will attract additional research funding to advance them through further research and development, to demonstration, and on to commercial deployment in North Dakota.

Through the first three biennia that SERC has existed, we have funded over 60 new ideas to serve North Dakota. From those initial ideas, EERC researchers have been able to bring in an additional \$33 million in outside funding to further advance them. These same ideas have generated 15 new inventions, resulting in 11 U.S. patent applications and six U.S. patents granted. One of the ideas that SERC helped to advance, focused on reducing flaring in North Dakota, is already in the demonstration phase, with plans for large-scale deployment in the near future. This one SERC-funded concept alone could have impacts in North Dakota in the tens to hundreds of millions of dollars or more yearly. Although SERC has been in existence for less than 6 years, it has already seen tremendous success. However, with the current funding level, we have only been able to fund fewer than half of the innovative ideas brought forward by EERC researchers. Additional funding, as provided in SB2143, would allow for additional projects and provide even more opportunities and solutions for North Dakota.

Additionally, 10% of SERC funding is designated for use at the discretion of the North Dakota Industrial Commission (NDIC) for critical emerging topics. Just one of the activities under this initiative has resulted in over \$10 million coming to North Dakota, with significantly more in process, for energy grid enhancements through a federal solicitation written by SERC and administered through the North Dakota Transmission Authority (NDTA). These funds have also helped support grid modeling for NDTA and other efforts to enhance energy security and value-added energy in North Dakota. Additional SERC funding would increase the amount we utilize

at the discretion of NDIC. One such project that could be undertaken with this funding is the annual update of NDTA's grid resiliency plan.

SERC also plays an important role in advancing one of our most critical resources – future workforce – by funding the Energy Hawks Program, which provides North Dakota college students with the opportunity to spend a summer and become immersed in North Dakota's all-of-the-above energy landscape. The students learn about all forms of energy production and resources in North Dakota and spend a week touring western North Dakota to see the facilities firsthand. With additional SERC funding, we could increase the number of students that can participate in the Energy Hawks Program and/or utilize the information pulled together within the Energy Hawks Program to develop other education and outreach materials for additional audiences.

SB2143 also increases the sunset clause for SERC out to 2033. This extension would allow the EERC to plan effectively for utilization of SERC funds when developing multiyear plans as well as allow for the coordination and leveraging of SERC activities with similarly focused federal opportunities, which can have up to a 5-year timeline, resulting in a significantly higher impact to North Dakota.

The EERC is very grateful for the opportunity to lead SERC, and SB2143 would allow us to do even more to serve the people, industry, and leadership of North Dakota.

# State Energy Research Center

ADVANCING NORTH DAKOTA'S ENERGY FUTURE



## Putting North Dakota at the Forefront of Innovation

To keep North Dakota globally competitive while focusing on resource and environmental stewardship, new and more efficient energy technologies and methods are needed. Recognizing these needs, in 2019, North Dakota's legislative assembly named the University of North Dakota (UND) Energy & Environmental Research Center (EERC) the State Energy Research Center (SERC). SERC is built on the EERC's long history as a leader in critical energy research, with the purpose of serving North Dakota by developing technologies to ensure a prosperous energy future for the state.

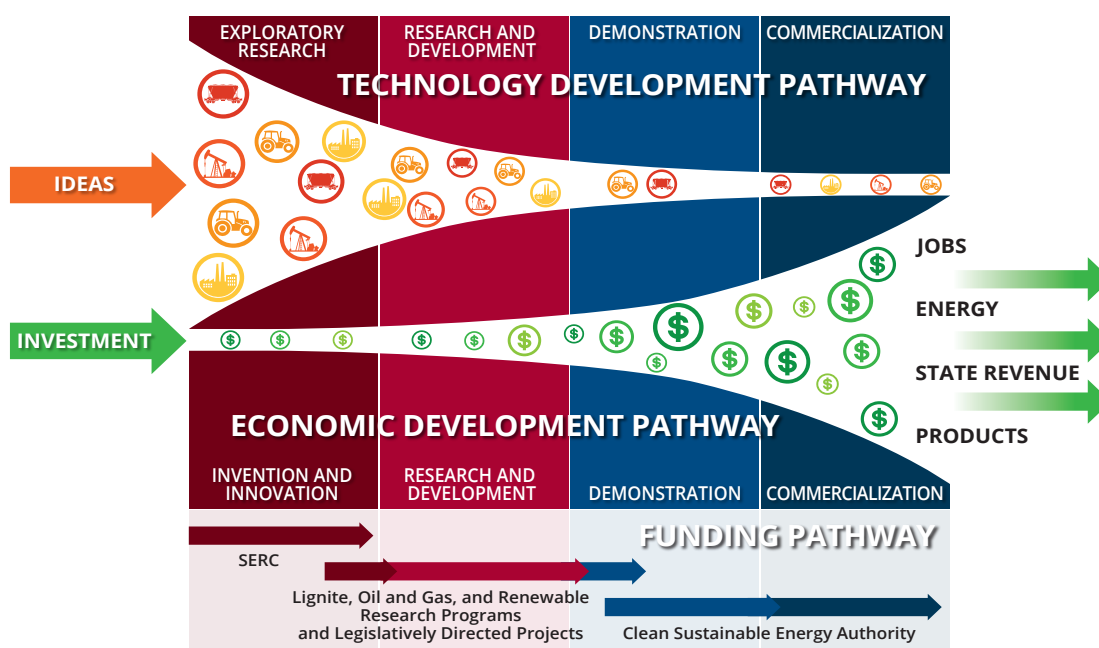
## ADVANCING ENERGY OPPORTUNITIES

SERC was given the mandate to provide practical, pioneering technologies and methods to advance North Dakota's energy opportunities and benefit the state's economy and environment. Through SERC, the EERC is ensuring that the state's energy resources and products are at the forefront of innovation, accessible, affordable, environmentally responsible, and clearly understood through education and outreach. This is being done through early-stage research that could lead to commercial application with public and private sector partners.



SERC has reignited the spirit of innovation. These transformative projects are poised to drive the development of cutting-edge energy technologies, propelling North Dakota into a future defined by sustainable progress and economic vitality.

—Charlie Gorecki, EERC, CEO



## INVESTING IN INNOVATION

North Dakota's energy industries, abundant natural resources, and innovative spirit provide the ideal opportunity for pioneering new technologies. By dedicating funding to fundamental research, North Dakota's legislators have positioned SERC to address the needs of the state and its people.

In the pursuit of discovering new opportunities for North Dakota, more than 60 projects under the SERC umbrella have been funded. These endeavors have already yielded significant results, including 15 new inventions. Furthermore, these projects serve as catalysts for attracting outside funding, with over \$71 million in proposed work and over \$33 million secured, primarily sourced from nonstate entities. Concurrently, initiatives like the Energy Hawks program, backed by SERC funding, have engaged students of various disciplines from five institutions of higher education in the state, equipping them to be informed advocates and stewards of North Dakota's energy landscape.

## SERC ACCOMPLISHMENTS

**\$71 MILLION**

Other  
Proposals

**\$24 MILLION**

Pending  
Proposals

**\$33 MILLION**  
New Awards

More than

**85 ENERGY HAWKS**

from **5** Higher Education Institutions



**60+ PROJECTS**  
Focused on  
North Dakota  
Energy



**3 STATEWIDE EFFORTS**

- Grid Resiliency Planning
- Future Grid Optimization
- Bakken CO<sub>2</sub> EOR Assessment

**15 NEW INVENTIONS**

**11 PATENT APPLICATIONS**

**6 PATENTS GRANTED**

## State Energy Research Center

For more information about SERC or other EERC opportunities, contact:

**Tyler Hamman**

Assistant Vice President

for Strategic Partnerships

701.777.5074 | [thamman@undeerc.org](mailto:thamman@undeerc.org)

**Energy & Environmental Research Center**

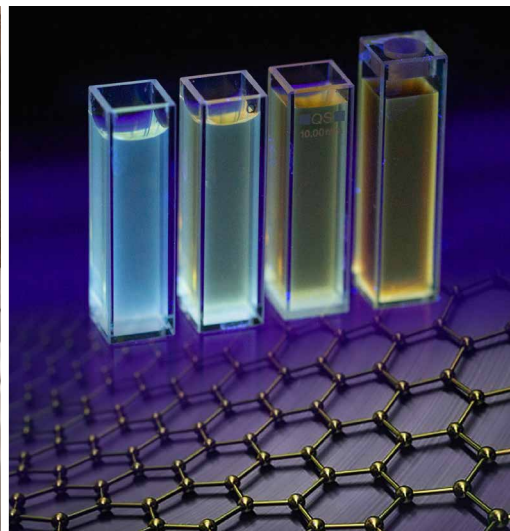
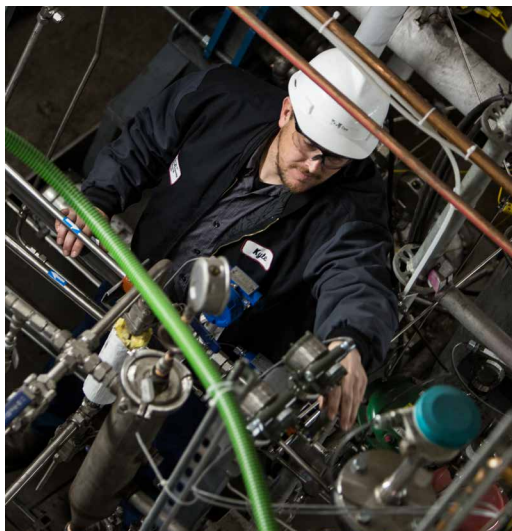
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[www.undeerc.org/SERC](http://www.undeerc.org/SERC)





# 2025 HOUSE STANDING COMMITTEE MINUTES

## Energy and Natural Resources Committee

Coteau AB Room, State Capitol

SB 2143

3/13/2025

Relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

9:40 a.m. Chairman Porter called the hearing to order.

Members Present: Chairman Porter, Vice Chairman Anderson, Vice Chair Novak,  
Representatives: Dockter, Hagert, Headland, Heinert, Johnson, Marschall, Olson, M. Ruby,  
Conmy, Foss

### Discussion Topics:

- Committee action

9:40 a.m. Representative Headland moved a Do Pass and rereferred to the Appropriations committee.

9:40 a.m. Representative M. Ruby seconded the motion.

| Representatives                 | Vote |
|---------------------------------|------|
| Representative Todd Porter      | Y    |
| Representative Dick Anderson    | Y    |
| Representative Anna Novak       | AB   |
| Representative Liz Conmy        | Y    |
| Representative Jason Dockter    | Y    |
| Representative Austin Foss      | Y    |
| Representative Jared c. Hagert  | Y    |
| Representative Craig Headland   | Y    |
| Representative Pat D. Heinert   | Y    |
| Representative Jorin Johnson    | Y    |
| Representative Andrew Marschall | Y    |
| Representative Jeremy L. Olson  | Y    |
| Representative Matthew Ruby     | Y    |

Motion carried: 12-0-1

Bill Carrier: Representative Hagert

9:42 a.m. Chairman Porter closed the hearing.

*Leah Kuball, Committee Clerk*

**REPORT OF STANDING COMMITTEE**  
**SB 2143 ([25.0763.01000](#))**

**Energy and Natural Resources Committee (Rep. Porter, Chairman)** recommends **DO PASS** and **BE REREFERRED** to the **Appropriations Committee** (12 YEAS, 0 NAYS, 1 ABSENT OR EXCUSED AND NOT VOTING). SB 2143 was rereferred to the **Appropriations Committee**.

**2025 HOUSE APPROPRIATIONS**

**SB 2143**

# 2025 HOUSE STANDING COMMITTEE MINUTES

## **Appropriations Committee** Roughrider Room, State Capitol

SB 2143  
3/24/2025

A BILL for an Act to amend and reenact section 57-51.1-07.9 of the North Dakota Century Code, relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

10:19 a.m. Chairman Vigesaa opened the meeting.

Members present: Chairman Vigesaa, Vice Chairman Kempenich, Representatives Anderson, Berg, Bosch, Brandenburg, Fisher, Hanson, Louser, Martinson, Meier, Monson, Murphy, Nathe, Nelson, O'Brien, Pyle, Richter, Sanford, Stemen, Swiontek, Wagner

Member absent: Mitskog

### **Discussion Topics:**

- Foreign Mitigation Technology
- Polar Bear Project
- Oil and Gas Production Innovations

10:19 a.m. Representative Porter introduced the bill and answered questions.

10:30 a.m. Tyler Hamman, Assistant Vice President for Strategic Partnerships, Energy and Environmental Research Center (EERC), answered questions.

10:34 a.m. Chairman Vigesaa closed the meeting.

*Krystal Eberle, Committee Clerk*



# 2025 HOUSE STANDING COMMITTEE MINUTES

## Appropriations Committee Roughrider Room, State Capitol

SB 2143  
3/24/2025

A BILL for an Act to amend and reenact section 57-51.1-07.9 of the North Dakota Century Code, relating to revenue deposited in the state energy research center fund; to provide for a continuing appropriation; and to provide an expiration date.

11:19 a.m. Chairman Vigesaa opened the meeting.

Members present: Chairman Vigesaa, Vice Chairman Kempenich, Representatives Anderson, Berg, Bosch, Brandenburg, Fisher, Hanson, Louser, Martinson, Meier, Monson, Murphy, Nathe, Nelson, Richter, Sanford, Stemen, Swiontek, Wagner

Members absent: Mitskog, O'Brien, Pyle

### Discussion Topics:

- Committee Action

11:19 a.m. Chairman Vigesaa opened discussion about SB 2143.

11:27 a.m. Representative J. Nelson moved to Amend to reduce the funding from 10 million to 6 million.

11:28 a.m. Representative Murphy seconded the motion.

### Roll Call Vote

| Representatives                  | Vote |
|----------------------------------|------|
| Representative Don Vigesaa       | Y    |
| Representative Keith Kempenich   | N    |
| Representative Bert Anderson     | N    |
| Representative Mike Berg         | Y    |
| Representative Glenn Bosch       | N    |
| Representative Mike Brandenburg  | N    |
| Representative Jay Fisher        | Y    |
| Representative Karla Rose Hanson | Y    |
| Representative Scott Louser      | N    |
| Representative Bob Martinson     | N    |
| Representative Lisa Meier        | N    |
| Representative Alisa Mitskog     | AB   |
| Representative David Monson      | N    |
| Representative Eric J. Murphy    | N    |
| Representative Mike Nathe        | N    |
| Representative Jon O. Nelson     | Y    |
| Representative Emily O'Brien     | AB   |
| Representative Brandy L. Pyle    | AB   |
| Representative David Richter     | N    |

|                               |    |
|-------------------------------|----|
| Representative Mark Sanford   | N  |
| Representative Gregory Stemen | AB |
| Representative Steve Swiontek | N  |
| Representative Scott Wagner   | N  |

11:35 a.m. Motion failed 5-14-4.

11:36 a.m. Representative Murphy moved to amend to change the funding from 10 million to 7 million 500 thousand and retain the extension.

11:37 a.m. Representative Monson seconded the motion.

#### Roll Call Vote

| <b>Representatives</b>           | <b>Vote</b> |
|----------------------------------|-------------|
| Representative Don Vigesaa       | Y           |
| Representative Keith Kempenich   | Y           |
| Representative Bert Anderson     | Y           |
| Representative Mike Berg         | Y           |
| Representative Glenn Bosch       | Y           |
| Representative Mike Brandenburg  | Y           |
| Representative Jay Fisher        | Y           |
| Representative Karla Rose Hanson | Y           |
| Representative Scott Louser      | Y           |
| Representative Bob Martinson     | Y           |
| Representative Lisa Meier        | Y           |
| Representative Alisa Mitskog     | AB          |
| Representative David Monson      | Y           |
| Representative Eric J. Murphy    | Y           |
| Representative Mike Nathe        | Y           |
| Representative Jon O. Nelson     | Y           |
| Representative Emily O'Brien     | AB          |
| Representative Brandy L. Pyle    | AB          |
| Representative David Richter     | N           |
| Representative Mark Sanford      | N           |
| Representative Gregory Stemen    | AB          |
| Representative Steve Swiontek    | Y           |
| Representative Scott Wagner      | Y           |

11:38 a.m. Motion passed 17-2-4.

11:39 a.m. Representative Murphy moved Do Pass as Amended.

11:39 a.m. Representative Bosch seconded the motion.

#### Roll Call Vote

| <b>Representatives</b>         | <b>Vote</b> |
|--------------------------------|-------------|
| Representative Don Vigesaa     | Y           |
| Representative Keith Kempenich | Y           |

|                                  |    |
|----------------------------------|----|
| Representative Bert Anderson     | Y  |
| Representative Mike Berg         | Y  |
| Representative Glenn Bosch       | Y  |
| Representative Mike Brandenburg  | Y  |
| Representative Jay Fisher        | Y  |
| Representative Karla Rose Hanson | Y  |
| Representative Scott Louser      | Y  |
| Representative Bob Martinson     | Y  |
| Representative Lisa Meier        | Y  |
| Representative Alisa Mitskog     | AB |
| Representative David Monson      | Y  |
| Representative Eric J. Murphy    | Y  |
| Representative Mike Nathe        | Y  |
| Representative Jon O. Nelson     | Y  |
| Representative Emily O'Brien     | AB |
| Representative Brandy L. Pyle    | AB |
| Representative David Richter     | Y  |
| Representative Mark Sanford      | Y  |
| Representative Gregory Stemen    | AB |
| Representative Steve Swiontek    | Y  |
| Representative Scott Wagner      | Y  |

11:39 a.m. Motion passed 19-0-4.

11:39 a.m. Representative Kempenich will carry the bill.

11:40 a.m. Chairman Vigesaa closed the meeting.

*Krystal Eberle, Committee Clerk*

March 24, 2025

Sixty-ninth  
Legislative Assembly  
of North Dakota

**PROPOSED AMENDMENTS TO**

VC 3/24/25  
1 of 1

**SENATE BILL NO. 2143**

Introduced by

Senators Patten, Bekkedahl, Sickler

Representatives Mitskog, Novak, Porter

- 1 A BILL for an Act to amend and reenact section 57-51.1-07.9 of the North Dakota Century  
2 Code, relating to revenue deposited in the state energy research center fund; to provide for a  
3 continuing appropriation; and to provide an expiration date.

4 **BE IT ENACTED BY THE LEGISLATIVE ASSEMBLY OF NORTH DAKOTA:**

- 5 **SECTION 1. AMENDMENT.** Section 57-51.1-07.9 of the North Dakota Century Code is  
6 amended and reenacted as follows:

- 7 **57-51.1-07.9. State energy research center fund - Continuing appropriation. (Effective**  
8 **through June 30, 20292033)**

- 9 The state energy research center fund is a special fund in the state treasury. Before  
10 depositing oil and gas gross production tax and oil extraction tax revenues under section  
11 57-51.1-07.5, one percent of the revenues must be deposited monthly into the state energy  
12 research center fund, up to ~~seven million five hundred thousand~~ ten million dollars per biennium.  
13 All moneys deposited in the state energy research center fund and interest on all such moneys  
14 are appropriated on a continuing basis to the industrial commission for distribution to the state  
15 energy research center. The state energy research center shall use the funds in accordance  
16 with section 15-11-40.



**REPORT OF STANDING COMMITTEE  
SB 2143**

**Appropriations Committee (Rep. Vigesaa, Chairman)** recommends **AMENDMENTS** ([25.0763.01001](#)) and when so amended, recommends **DO PASS** (19 YEAS, 0 NAYS, 4 ABSENT OR EXCUSED AND NOT VOTING). SB 2143 was placed on the Sixth order on the calendar.