

# State Energy Research Center of North Dakota

TECHNOLOGY TO KEEP NORTH DAKOTA COMPETITIVE



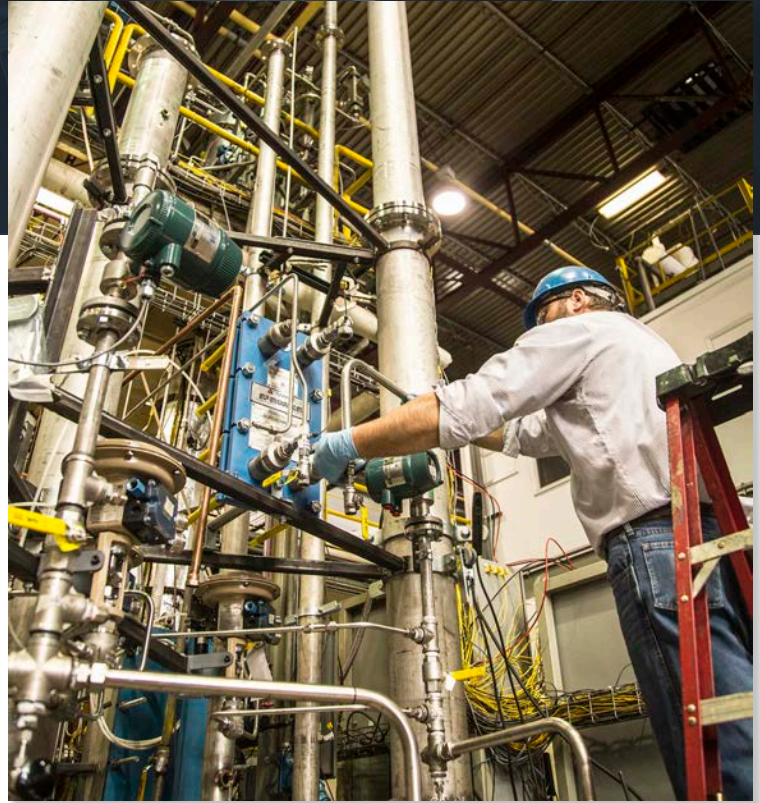
In 2019, the North Dakota legislature established the Energy & Environmental Research Center (EERC) as the state's designated energy research center, which is an investment in North Dakota's future.

Think about some of the things you probably do every day: take a shower, drive to work, use your phone. Each of these things and many others require energy. Our scientists and engineers are dedicated to advancing technologies to create abundant clean energy and improve the way we use it in our modern world.

When it comes to tangible benefits to North Dakota, the EERC delivers. We provide the state – and the energy industry within it – practical solutions to critical challenges. From flaring reduction in the Bakken, to pipeline safety, to efficient lignite use, to increasing oil recovery while decreasing environmental impacts, the EERC team supports North Dakota in its position as a top energy producer.

## WE'RE DOING MORE

The State Energy Research Center of North Dakota (SERC) provides a platform for developing impactful technologies right here at home and is driven by the state's future needs, challenges, and opportunities. We focus on emerging topics and pioneering technologies that support North Dakota's energy industry and benefit the environment.



**“The world is changing quickly, and with those changes come monumental opportunities and challenges. North Dakota has the opportunity to pioneer energy research that addresses those challenges.”**

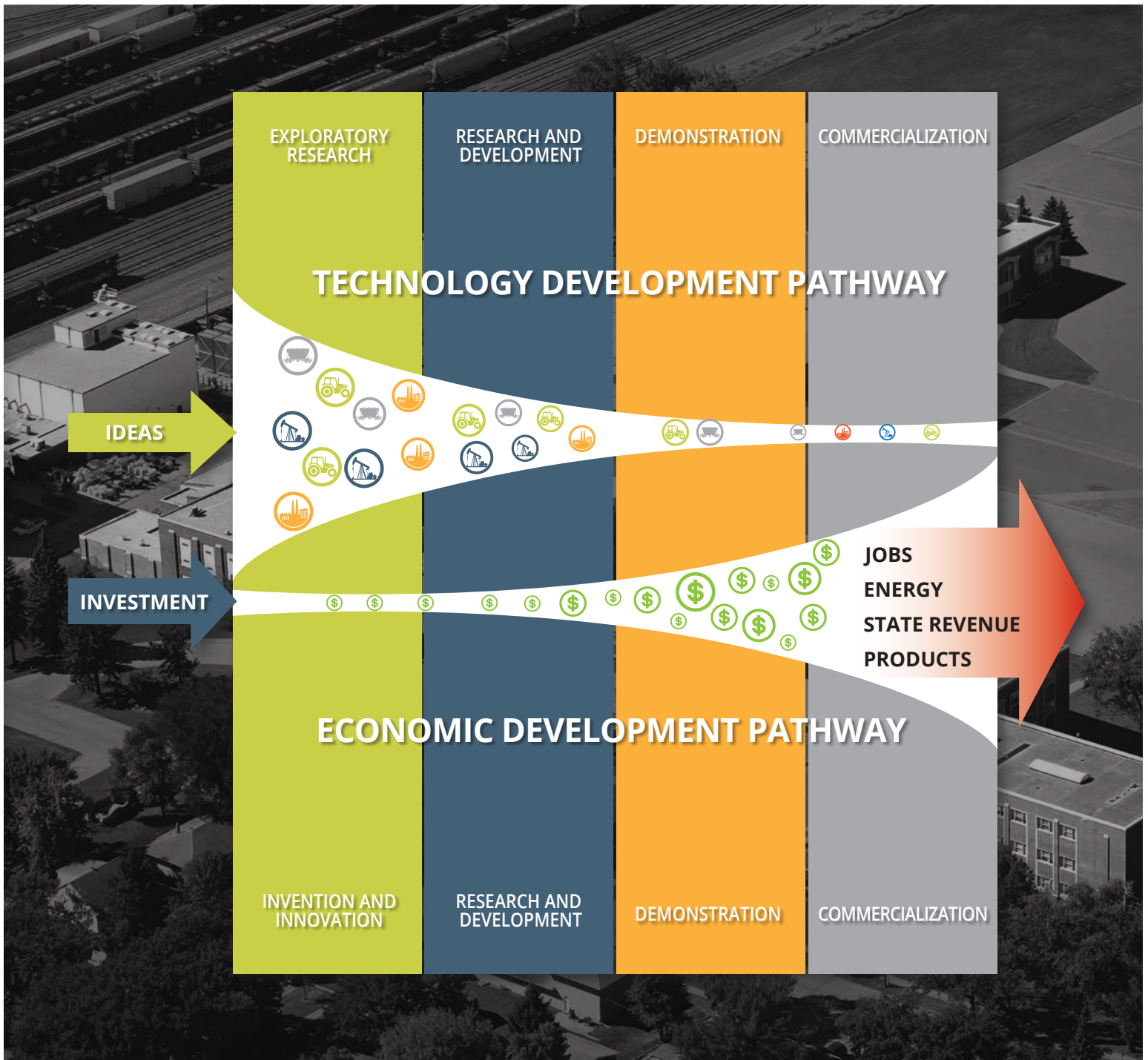
Tom Erickson, SERC Director



Through SERC, we're ensuring the state's energy resources and products remain accessible, affordable, environmentally responsible, and clearly understood through education and outreach. This is being done through early-stage research that could ultimately lead to commercial application with public and private sector partners. Commercial deployments and demonstrations of mercury control at North Dakota power plants, enhanced oil recovery in the Bakken, and carbon capture from lignite coal-fired facilities were all made possible because of this type of fundamental research.

## INNOVATION TO DRIVE NORTH DAKOTA FORWARD

Exploratory research is the first step in the critical process of producing more energy and reducing our environmental footprint, as well as creating new jobs and state revenue.



For More Information, Contact:

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