

You Secured CHIPS Act Funding – What’s Next?

DEVELOPING RESILIENT ASSETS IN TODAY’S COMPETITIVE MARKET

The CHIPS Act provides semiconductor companies with a transformative opportunity to scale operations, drive innovation, and strengthen domestic manufacturing. Obtaining CHIPS Act funding, however, is only one step of this journey.

The next step is developing assets that meet resilience and sustainability expectations while remaining compliant, resilient, and competitive in a rapidly evolving market. ERM has the expertise and experience to be your trusted partner.

ERM has helped companies secure **\$24B of federal funding, including \$17B in CHIPS Act funding** — over half of the total CHIPS Act awards.

Semiconductor
Manufacturer

\$1.6B

CHIPS Act Funding

Semiconductor
Manufacturer

\$8B

CHIPS Act Funding

Semiconductor
Manufacturer

\$6.5B

CHIPS Act Funding

Electronic
Manufacturer

\$250M

CHIPS Act Funding

Semiconductor
Manufacturer

\$600M

New York State’s Green
CHIPS Program

Electric Vehicle
Manufacturer

\$6.5B

DOE

Battery Recovery Company

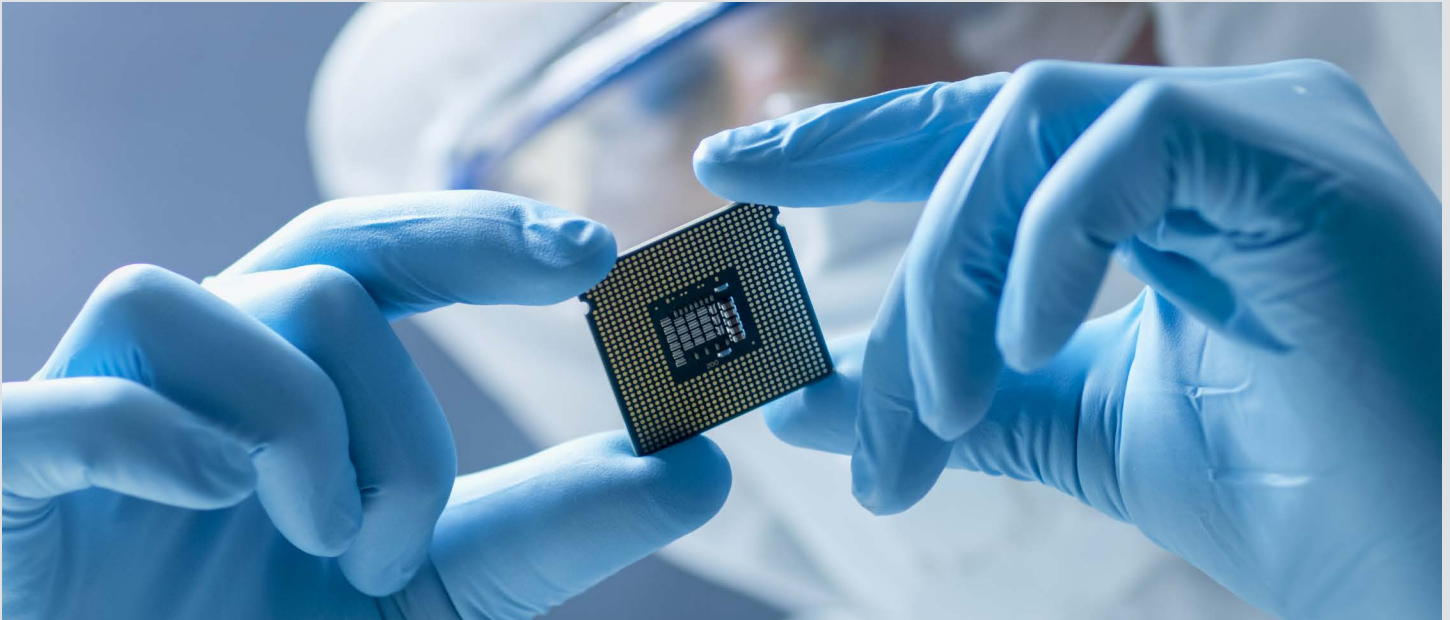
\$475M

DOE

Lithium Producer

\$700M

DOE



Unlock the Full Potential of Your CHIPS Act Investment

ERM specializes in delivering strategic solutions tailored to the semiconductor industry. We partner with companies receiving CHIPS Act funding to provide integrated support and take as much burden off the project teams by:

Providing Regulatory Compliance and Risk Management

- Seamlessly meet federal, state and local environmental regulations tied to CHIPS Act funding.
- Identify, manage, and mitigate operational risks through robust enterprise risk management frameworks.
- Support compliance with reporting requirements, including NEPA and permitting processes.

Designing Sustainable Assets

- Identify, develop, and implement sustainable construction, manufacturing best practices, and cost-saving opportunities to reduce emissions, water use, waste, and align the asset with global and enterprise goals.
- Integrate circular economy insights and innovations to drive resource/material efficiency and improve supply chain resilience.
- Optimize your facilities and supply chain to operate at peak efficiency while minimizing environmental impacts.

Enhancing Reputation and Stakeholder Trust

- Demonstrate leadership by aligning with CHIPS Act goals for long-term sustainability and domestic resilience.
- Build trust with investors, regulators, and communities through transparent reporting and measurable environmental progress.
- Position your organization as an industry leader in sustainability and gain competitive advantage.

Within just the last year (FY24) ERM:

Supported renewable energy projects contributing **200+** gigawatt installed capacity and **10+** gigawatt storage

Developed water strategy plans across **400+ sites** worldwide, 81 of which are within 21 of the priority water-stressed basins globally

Treated **2.4+ billion** liters of water

Provided **Scope 3** support to SEMI's Semiconductor Climate Consortium



The ERM Difference – Delivering Results that Matter

ERM has a proven 50+ year track record of success for large-scale capital projects globally, with measurable positive impact, and on-time and on-budget solutions. ERM is recognized as a leading sustainability consultant, and our experts have a deep understanding of the semiconductor industry. This includes our involvement in several industry associations including SEMI, SESA, and the Responsible Business Alliance (RBA). Our global team of experts combine technical proficiency with local insights to address site-specific and organizational needs.

By partnering with ERM, through a tailored approach, capital project teams will:

- Design projects that thrive responsibly and efficiently in today's dynamic regulatory landscape.
- Navigate your projects through a thorough techno-economic analysis integrating policy and permitting requirements, enhancing social impact, improving health and safety, and preparing your assets for sustainable operations.
- Integrate resilience and sustainability factors into every phase of the project, helping deliver your business and financial goals while meeting regulatory requirements, minimizing risks, delivering sustainable growth, and fostering long-term resilience.

Together, we can build a future where technological progress aligns with environmental responsibility.

For additional information, please contact:

Alison Drury

Senior Partner, Global Industry
Lead – Technology
San Francisco, CA
alison.drury@erm.com

Debora Rustemeyer

Partner, North America
Industry Lead – Technology
Austin, TX
debora.rustemeyer@erm.com

Kelly Block

Partner, Sustainable Operations and
Semiconductor Technology Lead
Philadelphia, PA
kelly.block@erm.com

Neeraj Nandurdikar

Partner, Global Service Leader,
Capital Project Delivery
Washington, DC
neeraj.nandurdikar@erm.com