



AMBER THOMAS  
Vice President – Advocacy

[athomas@amtonline.org](mailto:athomas@amtonline.org)  
571-216-7448  
[www.amtonline.org](http://www.amtonline.org)

# CHIPS+ & THE INFLATION REDUCTION ACT

## HOW MANUFACTURERS CAN BENEFIT

# THE CHIPS AND SCIENCE ACT

The **bipartisan 10-year, \$280 billion** law aims to counter China's influence by **building** the domestic manufacturing base and **investing** in science and tech innovation

[Summary](#)

# CHIPS FOR AMERICA ACT CHIPS FUNDING

Allocates over \$52B (over 5 yrs) in funding to domestic semiconductor manufacturing initiatives, plus \$24 billion in tax credits

\$39B  
(DOC  
)

## MFG INCENTIVES

Provide financial assistance to build U.S.-based facilities, including a 25% Investment Tax Credit

\$2B  
(DOD  
)

## DEFENSE FUND

Accelerate the inclusion of new research into products & train staff

\$200M  
(NSF)

## WORKFORCE

Harness NSF work to initiate US-based workforce development

\$11B  
(DOC  
)

## R&D

Support several R&D programs exploring key areas of chip development

\$500M  
(DOS)

## IT SECURITY

Expand ICT security and support EmTech adoption

\$1.5  
B

## WIRELESS

Encourage new tech to advance U.S. mobile broadband market

New Website: [www.chips.gov](http://www.chips.gov)

# CHIPS +

Historic \$170B investment to boost science research and increase technology innovation and deployment

\$81B

**NSF**

Technology Directorate,  
core activities

\$10B

**NIST**

Research, MEP,  
Manufacturing USA

\$68B

**DOE**

Science and innovation,  
Office of Science,  
National Labs

\$11  
B

**DOC**

Regional technology hubs

# THE INFLATION REDUCTION ACT

The **10-year, \$737 billion** Inflation Reduction Act (IRA) is a slimmed down version of the Build Back Better Act enacted after intense negotiations during the August recess with no republican support.

# IRA GOALS

Intended clean energy & environment sector benefits



**LOWER ENERGY COSTS**



**FORTIFY ENERGY SECURITY**



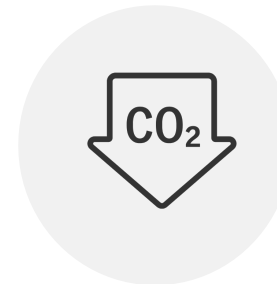
**SUPPORT DISADVANTAGED**



**DECARBONIZE**



**SUPPORT RURAL COMMUNITIES**



**40% EMISSIONS REDUCTION BY 2030**

# IRA MANUFACTURING INCENTIVES

The IRA includes over **\$60 billion** to onshore clean energy manufacturing in the U.S.

**\$ 30 B**

Production tax credits to accelerate U.S. mfg of solar panels, wind turbines, batteries, & critical minerals processing

**\$ 10 B**

ITC to build clean tech mfg facilities

**\$ 20 B**

Loans to build new clean vehicle mfg facilities across U.S.

**\$ 500 M**

DPA funding for critical minerals processing

**\$ 2 B**

National Labs to accelerate breakthrough energy research

**\$2 B**

Loans to retool existing auto mfg facilities to manufacture clean vehicles

# THE BIPARTISAN INFRASTRUCTURE & JOBS ACT

**PRESIDENT JOE BIDEN**

**BUILDING A  
BETTER AMERICA**

**BUILD.GOV**

[BUILDING A BETTER  
AMERICA](#)

[Rural Playbook](#)

[Briefing Room](#)

[Maps of Progress](#)

[Technical Assistance  
Guide](#)

[Tribal Playbook](#)

[State Fact Sheets](#)

[Open Funding  
Opportunities](#)

[Accelerating  
Infrastructure](#)