



Creating Maine's Future through EPSCoR Funding:

Maine has received over \$75M during the past 20 years from several federal EPSCoR programs (NSF, NASA, DOE, DEPSCoR). This critical support has had a tremendous impact on building statewide capacity and competitiveness through:

- **Cutting-edge science** to advance knowledge in key areas of importance to Maine
- **Integrated STEM education** that provides innovative K-20 programs
- **Workforce development** to train the next generations of experts
- **Cyberinfrastructure** to enhance research collaborations
- **Economic development** from technology transfer & commercialization

Highlights:

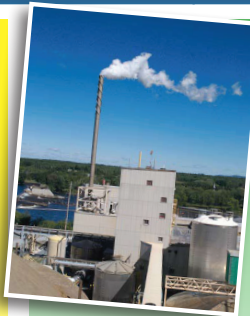
Sustainability Solutions Initiative:

A \$20M NSF EPSCoR award began in 2009 and is supporting 110 faculty and 150+ student researchers at 12 Maine colleges and universities. This integrated group is working together with over 100 stakeholders to examine key ecological (urbanization, forest resources, climate/energy), social, & economic issues in an effort to develop solutions for sustainability for the state.



Forest Bioproducts Research Institute:

created under a \$6.9M NSF EPSCoR award to advance forest-based bioproducts research. Industry partnerships resulted in major private investment and a new technology center. Supported over 50 faculty/professionals and 100 students; acquired over \$3.5M in major equipment; outreach & STEM activities reached over 5,000 participants. The Institute also received a \$1.9M DOE EPSCoR award to broaden its focus into thermochemical conversion research.



Advanced Structures & Composites Center:

NSF EPSCoR supported the creation of this center in 2000, which has gained global recognition for research in deepwater offshore wind, public infrastructure/construction, consumer products, force protection & homeland security. Has since generated over \$76M in support; ISO 17025 accredited facility with 453 industrial contracts; and 68 faculty members with 100+ students a year involved in research.

NASA EPSCoR:

NASA has given the University of Maine the world's first inflatable lunar habitat in order to develop wireless sensors that will monitor conditions and structural integrity. This 42-foot by 10-foot circular structure will be a test site for NASA as it prepares for missions to the moon and planets, and also provides Maine with an invaluable resource for educational outreach opportunities.



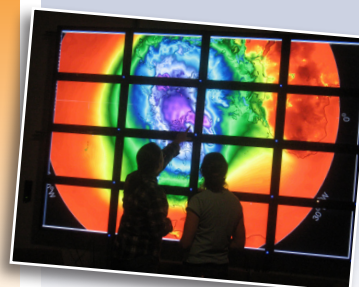
Workforce Development:

Over 150 student internships a year allow us to train the next generation of researchers in cutting-edge science and real-world applications that will benefit the state.



Cyberinfrastructure:

over \$2M is currently supporting high-speed fiber networks and communication and visualization tools for statewide and regional research collaborations.



Recent EPSCoR Funding Data for Maine

Year	NSF EPSCoR	NSF cofunding	DOE EPSCoR	NASA EPSCoR	GRAND TOTAL
FY2011	\$4,450,000	(pending)	\$700,000	\$375,000	
FY2010	\$4,450,000	\$1,120,000	\$0	\$625,000	
FY2009	\$1,025,000	\$2,072,431	\$700,000	\$625,000	
FY2008	\$2,399,086	\$2186,604	\$700,000	\$675,000	
FY2007	\$2,300,000	\$520,953	\$500,000	\$375,000	
FY2006	\$2,300,000	\$1,241,835	\$0	\$125,000	
TOTAL:	\$16,924,086	\$7,141,823	\$2,600,000	\$2,800,000	\$29,465,909

(multi-year awards are broken down by year)