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

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**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.

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**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.

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**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.

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**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.

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**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.

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**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

<table>
<thead>
<tr>
<th>Year</th>
<th>NSF EPSCoR</th>
<th>NSF cofunding</th>
<th>DOE EPSCoR</th>
<th>NASA EPSCoR</th>
<th>GRAND TOTAL</th>
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<tbody>
<tr>
<td>FY2011</td>
<td>$4,450,000</td>
<td>(pending)</td>
<td>$700,000</td>
<td>$375,000</td>
<td>$8,525,000</td>
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<td><strong>TOTAL:</strong></td>
<td><strong>$16,924,086</strong></td>
<td><strong>$7,141,823</strong></td>
<td><strong>$2,600,000</strong></td>
<td><strong>$2,800,000</strong></td>
<td><strong>$29,465,909</strong></td>
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</tbody>
</table>

(multi-year awards are broken down by year)