Climate Change Consulting
Defining Climate Change Consulting for the 2020s
CCBJ Vol XII No. 7-8-9
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## Climate Change Industry Segments

1. **Clean, Renewable & Low-Carbon Power:** Generation & Structural Equipment, Systems, Supplies; Renewable Power Sales or ‘Value’

2. **Carbon Capture & Storage (CCS):** Systems, Equipment and Operations

3. **Energy Efficiency & Demand Response:** Appliances, Devices, Equipment & Services including ESCOs, ESPs, DR & SmartGrid

4. **Energy Storage:** Equipment & Systems: Utility-Scale Systems; Commercial, Residential & Vehicle Propulsion Batteries; Fuel Cells

5. **Green Buildings:** Analysis, Planning & Permitting, Certification, Design & Development; Construction Management, Specialty Building Materials & Supply

6. **Transportation:** Vehicles, Fuels & Systems, Transit, Planning & Engineering

7. **Carbon Markets:** Credit & Offset Trading; and Project Development, Verification and Registration

8. **Adaptation & Resilience:** Risk Assessment, Planning, Engineering & Construction Management

9. **Consulting, Research & Professional Services:** Consulting & Engineering and Professional Services for Mitigation & Compliance; Climate Research

## Climate Change Industry Segments

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</thead>
<tbody>
<tr>
<td>Clean-RE-Low Carbon Power</td>
<td>56</td>
<td>56</td>
<td>63</td>
<td>18%</td>
<td>0%</td>
<td>12%</td>
<td>6-10%</td>
</tr>
<tr>
<td>Carbon Capture &amp; Storage</td>
<td>0.2</td>
<td>0.2</td>
<td>0.1</td>
<td>-14%</td>
<td>-16%</td>
<td>-19%</td>
<td>2-4%</td>
</tr>
<tr>
<td>Energy Efficiency &amp; Demand Response</td>
<td>61</td>
<td>63</td>
<td>65</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>2-4%</td>
</tr>
<tr>
<td>Energy Storage</td>
<td>7</td>
<td>9</td>
<td>10</td>
<td>14%</td>
<td>14%</td>
<td>14%</td>
<td>8-12%</td>
</tr>
<tr>
<td>Green Buildings</td>
<td>76</td>
<td>85</td>
<td>95</td>
<td>14%</td>
<td>12%</td>
<td>12%</td>
<td>4-6%</td>
</tr>
<tr>
<td>Transportation</td>
<td>128</td>
<td>136</td>
<td>144</td>
<td>6%</td>
<td>6%</td>
<td>6%</td>
<td>4-8%</td>
</tr>
<tr>
<td>Carbon Markets</td>
<td>4.2</td>
<td>4.8</td>
<td>5.5</td>
<td>24%</td>
<td>14%</td>
<td>14%</td>
<td>8-10%</td>
</tr>
<tr>
<td>Adaptation &amp; Resilience: C&amp;E and Contracting</td>
<td>1.3</td>
<td>1.5</td>
<td>1.8</td>
<td>17%</td>
<td>16%</td>
<td>15%</td>
<td>12-16%</td>
</tr>
<tr>
<td>Consulting: Mitigation &amp; Compliance; Research</td>
<td>2.9</td>
<td>2.3</td>
<td>1.8</td>
<td>-2%</td>
<td>-19%</td>
<td>-21%</td>
<td>2-6%</td>
</tr>
<tr>
<td>Total U.S. Climate Change Industry</td>
<td>337</td>
<td>358</td>
<td>387</td>
<td>9.4%</td>
<td>6.1%</td>
<td>8.1%</td>
<td></td>
</tr>
</tbody>
</table>


Source: EBI Inc., CCBJ climate change consulting & engineering industry model; units in $million
## Climate Change Adaptation & Resilience Industry Segments

### Climate Change Adaptation Services
- Climate Risk Assessment & Analysis
- Climate Adaptation & Resiliency Planning
- A&R Design, Engineering & Construction Management
- Adaptation & Resiliency Construction & Contracting*

### Disaster Services
- Disaster Risk Reduction
- Disaster Preparedness and Response Planning
- Disaster Response Contracting*

### Climate Adaptation Equipment & Systems
- Analytical & Information Systems
- Construction Materials & Supplies

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Source: *Climate Change Business Journal* climate change adaptation and resilience industry model, Environmental Business International, Inc.; *Contracting & Construction not quantified in CCBJ models not quantified as generally specialist companies hire general constructors, civil engineering firms and EPC companies for construction projects.*
Exhibit A: U.S. Climate Change Industry Consulting 2008-2020 ($mil)

Note: Row 1 & 5 are portrayed in detail below; Rows 2-4 are consulting services associated with other CCI segments.