

# Sustainability and Resiliency Services

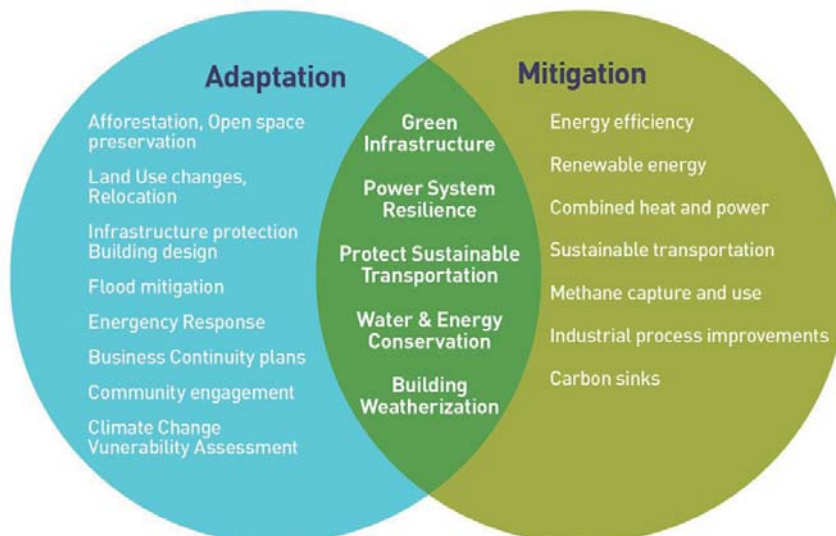
Sustainability and Resiliency Planning and Implementation are required in today's climate change impacted world to reduce costs, drive efficiency, and manage risks. Amec Foster Wheeler leverages both mitigation and adaptation strategies to meet client needs and implement integrated engineering solutions. As interlinked services, sustainability drives efficiency and costs related to waste, water and energy, and allows organizations to reduce their carbon footprint. Resiliency addresses the expected climate change and extreme weather events that may impact operations and areas, and provides engineering and planning solutions to address those identified risks. Amec Foster Wheeler has the expertise to develop and implement adaptation plans to upgrade infrastructure and operations to withstand future climate change related scenarios – along with meeting sustainability goals. We provide the services you need to drive sustainability, determine climate change impacts and adapt infrastructure, operations and activities to address those impacts, and reduce risks with engineering and proactive planning solutions.



## Amec Foster Wheeler

Amec Foster Wheeler is a worldwide provider of sustainability and resiliency services, supporting public infrastructure and transportation, industrial and commercial, oil and gas, mining, and other clients. Our sustainability and infrastructure engineering teams understand the challenges of a worldwide economy, the sources of risk, and their

impacts to your operations. Amec Foster Wheeler develops integrated plans that can assist in identifying and tracking areas of sustainability and resiliency to improve and protect your operations and business performance. Our services include addressing climate change events such as damage from heat, sea level rise, storm surges, extreme weather or the reduced availability of water.



Amec Foster Wheeler has world-class expertise to meet your Sustainability and Resiliency needs

# Sustainability and Resilience Services

## Key services

Amec Foster Wheeler's integrated Sustainability and Resiliency Planning services include:

- ▶ Stakeholder Engagement
- ▶ Climate Change Scenario Planning
- ▶ Industrial Wastewater and Stormwater
- ▶ Emergency Planning and Response
- ▶ Value-Engineering
- ▶ Facility or Infrastructure Condition Assessment
- ▶ Climate Risk Communications and Training
- ▶ Power T&D and Business Continuity Planning
- ▶ Hazardous and Solid Waste & Oil Storage and Management
- ▶ Design/Construction for Potential Vulnerabilities
- ▶ Disaster Response
- ▶ EHS Management Systems and Compliance
- ▶ IM Weather Forecasting
- ▶ Green Infrastructure Design and Construction
- ▶ Automated DFIRM & Data Management
- ▶ Flood Risk Assessment (FRA)
- ▶ SLR and Insurance Planning/ Requirements
- ▶ Automated Infrastructure Assessment Tools
- ▶ Sustainable Forest / Greenspace Management
- ▶ Energy Efficiency and EnMS programs.
- ▶ Materials Engineering
- ▶ Flood Proofing and Flood Control Infrastructure Inspections and Monitoring

## Representative projects

The following are representative Amec Foster Wheeler projects that demonstrate the range of Sustainability and Resiliency services:

- ▶ Global Waste Footprint Program to drive sustainability and waste management, BP Global
- ▶ EHS Management and Sustainability Metrics, Nashville Airport
- ▶ Waste and Water reduction project to support 2015 Sustainability Metrics, UTC
- ▶ GHG/climate change mitigation project, Caltrans DOT
- ▶ Water Scarcity and Planning Project, San Francisco Public Utilities Commission (SFPUC)
- ▶ Vulnerability Assessment and Adaptation Plan, Cambridge, Massachusetts, USA
- ▶ Development of Resilience Strategy, City of Boulder / Boulder County, Colorado, USA
- ▶ Climate Change Analysis Infrastructure Assessment, Santa Barbara, California, USA
- ▶ Infrastructure Risk Management Assessment, Windsor Essex Parkway, Ontario, Canada
- ▶ Climate Change and Adaptation, Great Lakes – Ontario
- ▶ Caltrans climate change and hazard mitigation planning and projects
- ▶ Santa Barbara climate change assessment and adaptation project
- ▶ Road Weather Information System (RWIS) and flood warning systems, Halifax, Canada and Atlanta GA
- ▶ Local Hazard Mitigation/Climate Adaptation Plan, City of Waveland, Mississippi.



Amec Foster Wheeler Top-Ranked Global Climate Change & Energy Provider



## Contact

If you would like more information about services, please contact the individual(s) below:

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