# **AECOM ESG and Sustainability Services Offering**



### **Strengthening Climate Resilience**



- Urban resilience planning
- · Physical climate vulnerability and risk assessments
- Climate adaptation planning including vulnerability assessments
- Nature Based Solutions to address climate threats
- Ecosystem resilience planning
- Resilient waterfront planning and design
- · Climate related economics (cost of inaction, funding, financing)
- Water resources/security planning (related to climate)
- Integrated watershed planning and management

## **Growing Sustainably**



- Resource planning circular economy, zero waste management
- Sustainable design guidelines (for infrastructure & buildings)
- Sustainably Certification (e.g., LEED, Envision,
- WELL, Fitwel, Passive House and CalGreen
- Green / sustainable building design
- Sustainable and resilient masterplanning EHS / sustainably management systems
- Sustainable supply chain / procurement
- Nature-based solution Sustainable
- remediation and ecological restoration
- Green / sustainable infrastructure design

#### **ESG Projects Transitioning to New Energy Solutions**



- Vehicle electrification infrastructure planning
- Energy Master Planning
- Smart cities planning and implementation High performance building services
- (including net zero design, electrification) Microgrids - planning, design, development
- Utility scale renewable energy services -
- planning ,design, permitting
- Waste to Energy development
- Carbon removal (industrial oil / gas)
- New Fuels hydrogen
- Portfolio energy auditing and benchmarking

### **Achieving Net Zero Emissions**



- Carbon neutrality/ climate action /net zero strategy development, including GHG inventories, forecasting and target setting
- Nature-based Solutions carbon sequestration
- Climate related economics (cost of inaction, funding, financing)
- Energy Master planning Net zero building design
- Embodied carbon analysis
- Carbon markets, offsets and credits evaluation
- Baseline GHG Uncertainty Analysis and Reduction

**Define Governance:** Assessment and development of policy, standards, governance structure, due diligence assessment, remuneration policy assessment, competency assessment, and investor relations communications assessment

Assess Uncertainty & Risk: Scenario analysis, risk management benchmarking, risk assessment, Enterprise Risk Management integration assessment, and accountabilities, roles and responsibilities assessment

Set Strategy: Materiality assessment, stakeholder engagement, prioritization and analysis, strategy benchmarking, strategy roadmap development and implementation, ratings assessment, corporate strategy integration, Value chain strategy and supply chain sustainably assessment

Define Metrics: Disclosure readiness (SASB, GRI, TCFD, CDP), KPI disclosure and performance benchmarking, disclosure development and enhancement, KPI data

**Catalyze Implementation:** Strengthening Climate Resilience, Growing Sustainably, Transitioning to New Energy Solutions, Achieving Net Zero Emissions,

#### **Improving Social Outcomes**

- Social equity assessments
- Community-led stakeholder engagements
- Equity analytics (including tool development)
- Addressing indigenous people's rights

