

# Sustainable Infrastructure Advisory

Sustainable infrastructure creates jobs, improves essential services, and strengthens communities through better transport, reliable energy, and responsible mining. The Sustainable Infrastructure Advisory (SIA) team helps clients identify practical opportunities to strengthen infrastructure and deliver better outcomes. By supporting investments that promote social inclusion and resilience in fragile and vulnerable settings, SIA helps create lasting benefits for people, businesses, and the environment.

## What we do

The SIA team works with investors, companies, and local governments in emerging markets to advance infrastructure that delivers stronger environmental, social, and economic outcomes. Through advisory services, tools, and partnerships, we help clients:



Expand access to affordable, quality infrastructure



Strengthen local skills and capabilities to create jobs



Drive economic growth rooted in community needs



Manage climate adaptation and resilience

## How we collaborate with clients and partners

- **Climate:** Advance decarbonization efforts, assess climate risks, strengthen resilience, and design just transition and nature-based solutions.
- **Social Inclusion:** Create more diverse and inclusive workplaces, supply chains, products, and services.
- **Digital Data Governance and Accountability:** Use data and AI in a responsible and practical way to improve sustainability, make better decisions, and build trust.
- **Local Benefit Sharing:** Boost job creation and benefit sharing through local stakeholder engagement, community investment strategy design, and local economic development projects.
- **Sustainability-Linked Finance:** Enhance impact through sustainability strategies, targets, and financing approaches that reward progress against sustainability goals.

The team also manages [ifcsia.org](https://ifcsia.org), a knowledge platform for practitioners working at the intersection of sustainability and infrastructure.



## About IFC

- World's largest financial institution focused on the private sector in emerging markets.
- Leader in using the power of the private sector for the public good for more than 70 years.
- Impact investor and mobilizer of private capital for sustainable development.
- Trusted AAA-rated partner that transforms innovative ideas into impactful investments.
- Provider of advisory services for developing bankable projects, structuring public-private partnerships, and improving business environments.
- Driver of world-class ESG standards to ensure consideration of social and environmental impacts on projects and deliver sustainable and responsible investments.

## Selected SIA engagements



## Selected SIA projects

### Scatec, Ukraine



Power Women Ukraine addresses wartime labor shortages in Ukraine's energy sector while expanding economic opportunities for women. Through online learning, hands-on training, field exposure, and internships, participants build technical, leadership, project management, and career skills for renewable energy careers. The first cohort delivered strong results: 42% of participants have secured jobs, with about half employed in the energy sector. Building on this success, the project has launched a second cohort, attracting more than 220 applications for just 20 places, highlighting strong demand for careers in Ukraine's growing energy sector.

### Mine of the Future Academy, Africa



As part of the World Bank Group's Climate-Smart Mining Initiative, SIA leads the Mine of the Future Academy, equipping mining professionals across Anglophone and Francophone Africa with practical skills to advance climate-smart mining. Through online modules, expert-led webinars, case studies, peer learning, and workplace projects, participants build knowledge in decarbonization, climate resilience, circular economy, sustainable finance, and inclusive approaches. Building on positive feedback from the African cohorts, the Academy is now expanding to Latin America and the Caribbean.

### Azura-Edo, Nigeria



SIA is working with Azura-Edo as the company strengthens social inclusion and local benefit sharing across its operations. The engagement focuses on expanding opportunities for women in the workforce, enhancing stakeholder engagement, and improving how local communities participate in and benefit from project development. Through use of participatory tools such as the Community Scorecard, IFC is helping embed community voice in decision-making and build more inclusive, responsive, and socially sustainable operations.

### Cube Highways, India



SIA supported Cube Highways, a leading toll road operator in India, in defining an inclusion-focused KPI and setting a target to increase women's participation across its workforce, linked to IFC's sustainability-linked bond investment. To meet the target, Cube Highways aims to implement measures related to recruitment, retention and promotion, grievance mechanisms, leadership engagement, and a dedicated Women's Committee.

### Panama Canal Administration, Panama



SIA designed a climate resilience strategy for the Panama Canal Administration (ACP), focused on decarbonization, adaptation, and just transition. With IFC support, ACP developed a best-in-class greenhouse gas inventory covering all three scopes of emissions, set science-based emissions reduction targets, and designed market-based instruments to support the company's goal of reaching net zero by 2050. IFC also designed a governance model for ACP that embeds climate leadership across the C-suite. The work also involved providing guidance on appointing ACP's first chief sustainability officer and developing a stakeholder engagement plan to enhance ACP's climate action engagement, including mapping of initiatives to decarbonize the maritime value chain.

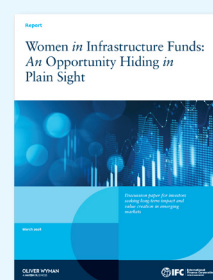
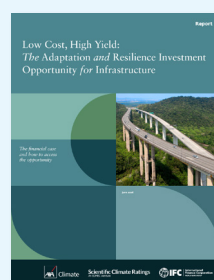
### PakInfra, Pakistan



SIA is supporting Pakistan's infrastructure sector by assessing climate risks, strengthening resilience, and identifying adaptation investments. The program combines research, advisory services, capacity building, and investment support. Current engagements across ports, local governments, and the technology sector focus on asset and operational resilience planning, climate-informed project design, and the identification of adaptation opportunities, while building a pipeline of green, resilience, and sustainability-linked finance investments.

## Knowledge and thought leadership

- [Low Cost, High Yield: The Adaptation and Resilience Investment Opportunity for Infrastructure](#)
- [Waste, Reimagined: Practical Guidance for Digitalizing Waste Management](#)
- [Women in Infrastructure Funds: An Opportunity Hiding in Plain Sight](#)
- [ESG Data Stewardship: An IFC Good Practice Note for Mining](#)
- [Adaptation KPIs in Infrastructure's Sustainability-Linked Finance](#)
- [Creating Opportunities for Forcibly Displaced People in Infrastructure Investments](#)



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