2022 GII SUMMIT: The Best Ideas

Decarbonization and the energy transition

- Drive energy outcomes at an ecosystem level: combine carrots (incentives), sticks (regulation, taxes, carbon pricing) and tambourines (praising and supporting successes) to move the needle

- Break ground now – the next 5 – 10 years are crucial, and going from brown to green is just as important as developing green infrastructure

- Embed carbon and resiliency into the time, quality, and cost project success equation

- Establish a capital stack across the public and private sector, trading reduced risk for the private sector up front for outsized government returns later in the lifecycle

Digital and analytics transformation

- Radically reduce waste, then digitize processes via people-first design

- Understand cyber security as a cost of doing business; value the "impact of the counterfactual"

- Establish collaboration incentives - adopt common data standards, foster transparency, co-invest in tech

- Protect the digital economy (and its expected growth) through physical asset investment - bring together tech, power generation, and fiber to drive upgrades and expansion

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Leadership and workforce development

- Reimagine the value proposition for the industry – promoting purpose, addressing hybrid vs. onsite challenges head-on, and strengthening the role of apprenticeship

- Access a more diverse talent base through non-traditional talent, sharing a version of the future earlier (high school!), and ensuring underrepresented populations can see themselves in leadership ("you can't be what you can't see")

- Radically transform how work is done to increase quality and productivity – doing more, in different ways, with different capabilities (e.g., advanced analytics, automation)

Project development and delivery

- Put the team first: people collaborating delivers successful projects, contracts don't

- Get serious on moving capital project delivery methodologies into the manufacturing age: automation, quality control, bespoke modularity, consistent productivity improvement

- Standardize the standardization process: including international standards, politically durable operating environments, and shared operational best practices

- Create responsibilities for project outcomes – not individual slices of the value chain

- Courage: state and live by the ambition to deliver every project at technical limit cost and speed