



Lamar Union | Vertical Mixed-Use Redevelopment Project | Austin, TX

INNOVATION

PROGRAM OVERVIEW

Our Continuous and Collaborative Approach to Innovation with Customers

Through the WGI Innovation Program, we focus on a continuous and collaborative approach to innovation with our customers, which is tailored to their specific needs and objectives.

OUR FOCUS

Our innovation focus is not to be all things to all people, but to help clients with business, process, or technology innovation related to our core competencies and to source those innovation ideas and opportunities collaboratively with our clients and partners.

Clients benefit from access not only to WGI-developed innovations, but also innovations from our extended ecosystem of partners.

OUR MISSION

The mission of the WGI Innovation Program is to accelerate WGI's digital transformation and support our commitment to innovative solutions for our clients and the communities they serve.

WGI has spent five decades committed to fulfilling **our vision** of *"Creatively Transforming How Our World Is Envisioned, Designed And Experienced."*

Our innovation program brings together WGI thought leaders and experts located across our divisions, with our strategic partners and extended ecosystem, along with WGI Ventures to not only solve today's client challenges, but to co-create the future with our clients.



CLIENT BENEFITS

- Programmatic approach to innovation with access to well-defined, repeatable activities that support your specific innovation-related challenges and opportunities
- Focus on strategic innovations for game-changing digital transformation initiatives as well as tactical innovations for continuous improvement
- Identity, categorize and prioritize innovation opportunities within the business and determine leadingedge technologies and solutions for subsequent implementation
- Access to state of the art consulting and software, via WGI associates and ecosystem, to advance your innovation capabilities



As industry leaders in creating successful and sustainable communities, we apply our company culture, which embraces digital disruption, to help our clients envision the art of the possible and then make it a reality.

The program accomplishes this by:

- Tailoring the program to each client’s business challenges and objectives
- Focusing on the business benefits of digital innovation supporting our client’s transformation agendas
- Collaborating in the problem-solving process with a continuous innovation approach
- Bringing key stakeholders together to achieve engagement and buy-in
- Developing plans and roadmaps that are scalable to each client’s appetite for change

OUR APPROACH

Our understanding and framework of client needs and interests form the basis for WGI to bring our highly tailored set of innovation capabilities to our clients.

Our “**activity menu**” (Figure 1) ensures we bring the right kinds of well-defined, repeatable activities that map to specific innovation-related issues and needs – from people to process to technology.

Our services range from a continuous approach to innovation with regular Innovation Workshops all the way to specific presentations on innovations within the WGI portfolio and our point of view on disruptive and emerging trends in the marketplace.

WGI Innovation Workshops are a key part of this “continuous innovation” approach with our customers and truly differentiate us as a highly collaborative and trusted advisor (Figure 2).

	Continuous Innovation Approach & Innovation Workshops – Programmatic “continuous innovation” approach to engagements, uniquely tailored for each client. Embeds innovation workshops which can be conducted at any stage in the delivery lifecycle.
	Client Insight, Best Practices, and Maturity Assessments – Insight through scenario planning, technology foresight, data analytics, best practices shared across accounts, and maturity assessments such as digital transformation maturity.
	Portfolio Presentations – Overviews of the WGI portfolio and strategic direction and/or specific WGI solutions and case studies. Raises client awareness of what WGI has to offer beyond our current scope of work and the specific value proposition for our clients.
	Disruptive Trends Presentations – WGI perspective on disruptive trends such as 3D tools and software, AI/ML, AR/VR, AVs, BIM, cloud computing, digital twins, predictive analytics, RPA and visualization tools – and where we are innovating around these trends in our portfolio. Typically includes our perspectives together with WGI solutions and case studies.
<i>Our activity menu ensures we bring the right kinds of well-defined, repeatable activities that map to our client’s specific innovation-related issues and needs – from people to process to technology</i>	

Figure 1: WGI Innovation Program – Activity Menu

WGI INNOVATION WORKSHOPS

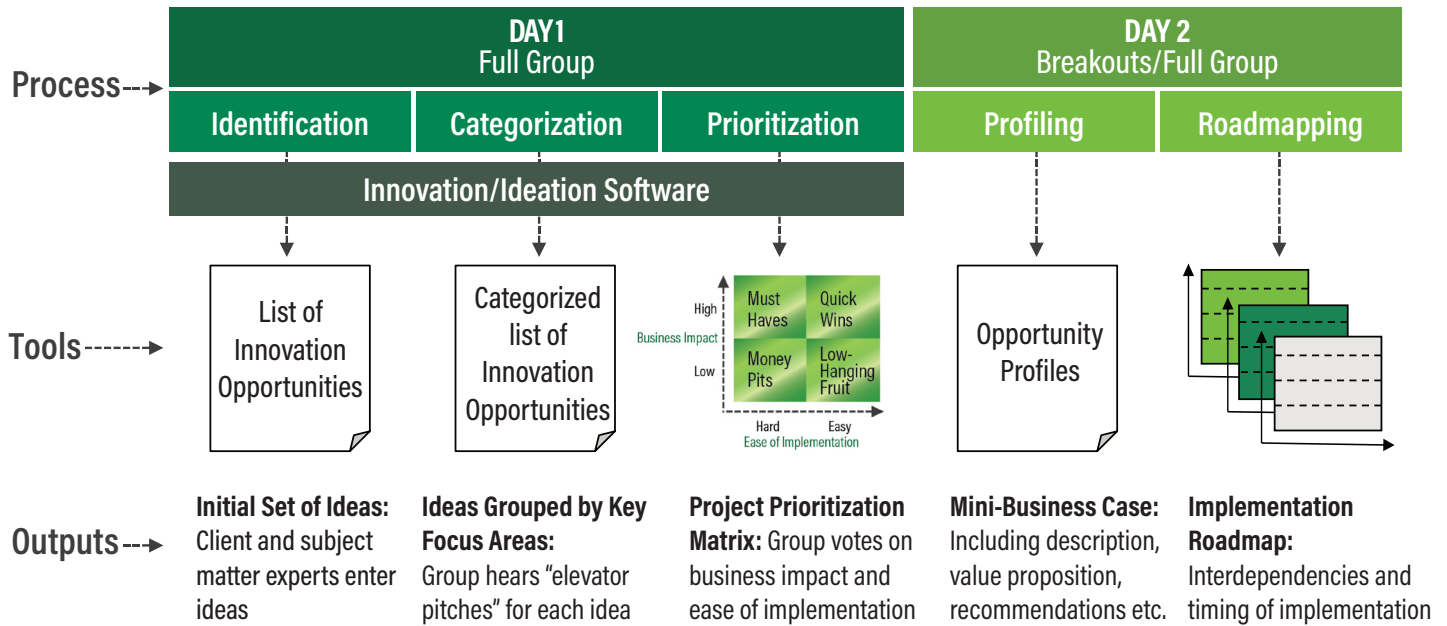


Figure 2: WGI Innovation Workshops

WGI Innovation Workshops are client-facing workshops that focus on innovation opportunity identification, categorization, prioritization, and then the development of high-level business cases and implementation roadmaps for the most promising opportunities identified.

The workshops are typically half-day, one-day or two-day sessions which are highly-collaborative in nature, are tailored to each client's unique goals and objectives, and provide a rapid means to identify and prioritize digital business opportunities for both nearterm and longer-term implementation.

Key focus areas for our workshops may include any of the following topics and can be highly tailored for each individual client:

- Digital Business Strategy & Process
- Business Driver, Industry & Solution Topics*
- Client Delivery Engagement Topics
- Disruptive Technologies & Trends**

* Examples include industry topics such as smart cities, smart parking, programmable streets

** Examples include technology trends such as 3D Printing, AI/ML, AR/VR, Analytics, Automation, Building Information Modelling (BIM), Cloud, Digital Transformation, Digital Twins, IoT, Visualization as well as broader industry topics such as sustainability, resilience, and adaptability



KEY PROGRAM DIFFERENTIATORS

In addition to the highly tailored set of innovation capabilities we bring to our customers, some of our key program differentiators for clients relate to the WGI history of innovation, our industry partnerships and ecosystem, and our industry thought leadership and global experience as follows (Figure 3):

- **WGI History of Innovation** – The 50-year history of WGI is one of continuous innovation and delivery of industry firsts on behalf of our clients – such as our pioneering work around backpack, mobile and aerial LiDAR – driven by our core values. Our “passion for people” has spurred us to push the boundaries in engineering excellence, working in close collaboration with our trusted partners, to achieve new levels of quality, accuracy, and sustainability in our solutions. For more information on WGI history, please visit wginc.com/about/our-history/.
- **Industry Partnerships & Ecosystem** – Our innovation program brings together WGI thought leaders and experts located across our divisions, with our strategic partners and extended ecosystem, along with WGI Ventures to not only solve today’s client challenges, but to co-create the future with our clients. Our collaboration with leading Universities such as Columbia Universities’ School of Engineering and Applied Science and University of Florida Transportation Institute and i-Street program provide a lens into the next wave of business and technology innovations for the built environment.
- **Industry Thought Leadership & Global Experience** – WGI thought leadership addresses cutting-edge topics from innovation and digital transformation to sustainability, resiliency, and adaptation. Our recent award-winning book “Mastering Digital Business” highlights our approach to innovation in the context of digital transformation. Our leadership has been conducting Innovation Workshops for over ten years and have continuously refined our best practices and unique tools and methodology over the course of literally hundreds of client-facing workshops.

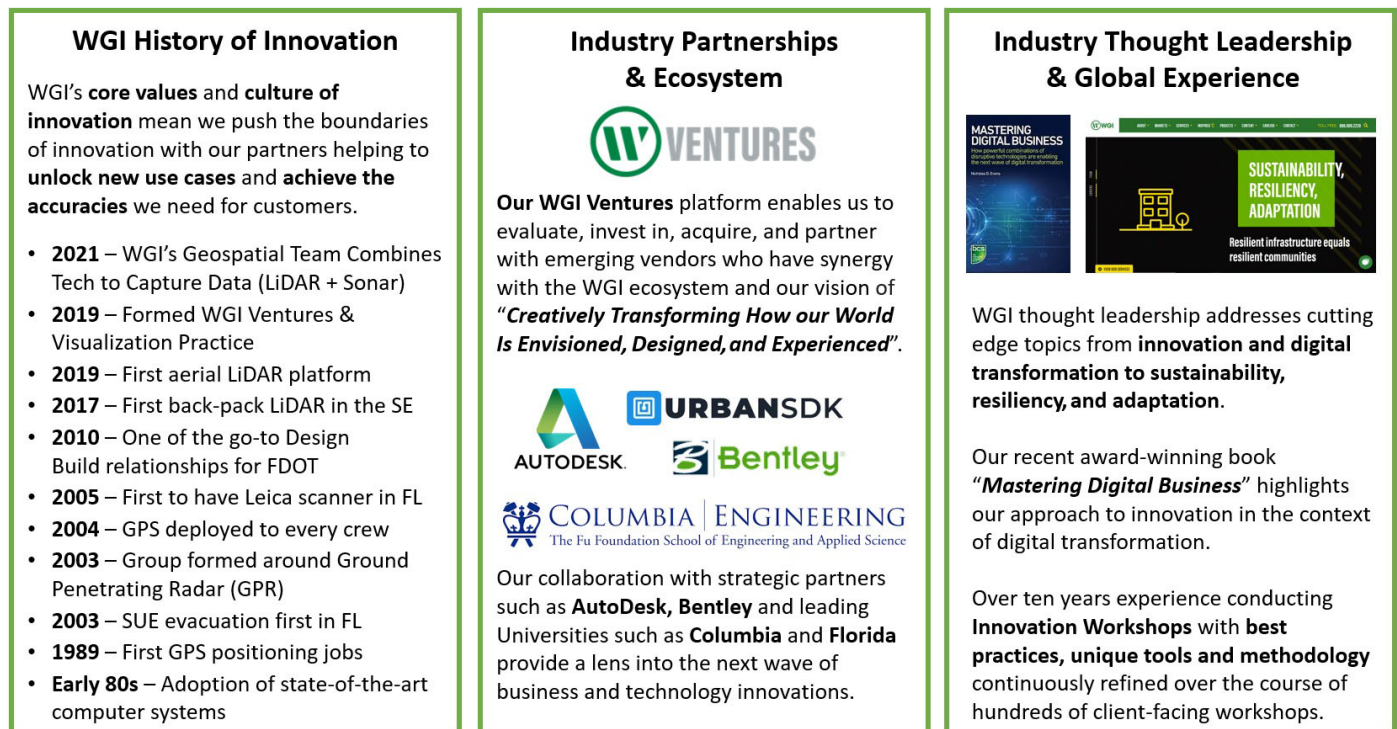


Figure 3: WGI Innovation Program – Key Program Differentiators

GLOBAL EXPERTISE

Our Innovation Program has been continually refined based on our focus on the key pillars of innovation management capability, global best practices, lessons learned from our clients and partners, and our memberships in leading innovation consortia.

WGI Innovation Workshops utilize a pool of trained Innovation Workshop Facilitators and have been conducted across a wide range of industry verticals. Our leadership has been conducting Innovation Workshops for over ten years and has continuously refined our best practices and unique tools and methodology over the course of literally hundreds of client-facing workshops.

SUMMARY

Rather than an ad-hoc compilation of capabilities, tools, and methods, the WGI Innovation Program provides us with a continuous and systematic way to deliver innovative outcomes for our clients, leveraging a highly structured yet flexible approach.

WGI Innovation Workshops are a key part of this “continuous innovation” approach with our customers and truly differentiate us as a highly collaborative and trusted advisor.

For more information on WGI history, please visit wginc.com/about/our-history/.



SR 710/Big John Monahan Bridge Replacement Design-Build | Martin County, FL



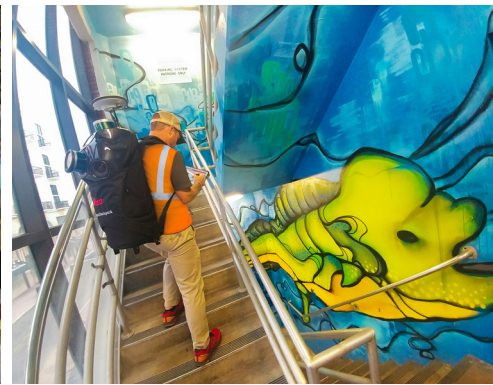
Sawgrass Expressway Conversion to All Electronic Tolling | Broward County, FL



I-75 Express Lanes Segments A and B | FDOT District 4 | Broward County, FL



Tomorrow's Infrastructure Solutions, Today



Contact the experts at WGI to learn more today or visit www.wginc.com

 **LET'S TALK.**

Offices Nationwide | 866.909.2220



Ayse Heckel, PE
Innovation Engineer
904.470.4503
Ayse.Heckel@WGInc.com

