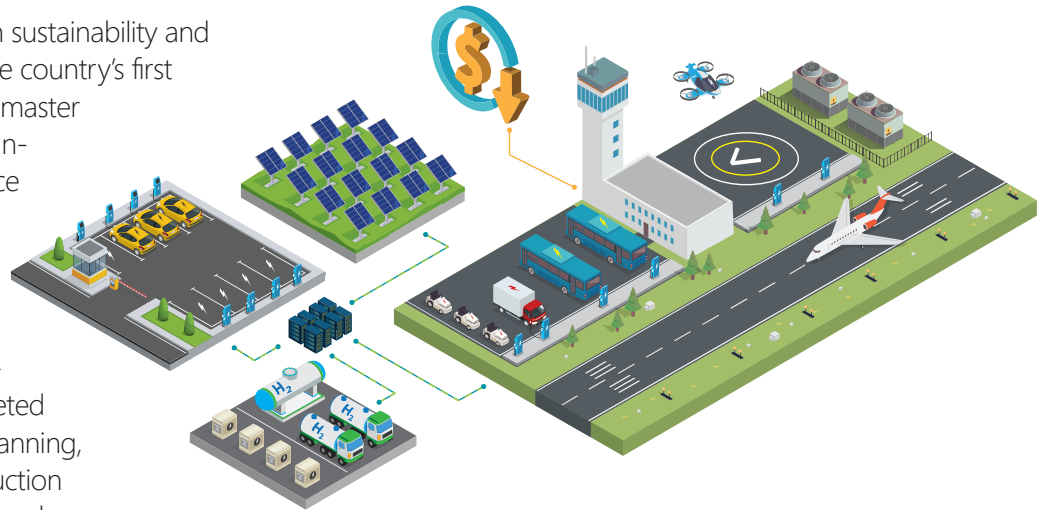


Aviation Sustainability

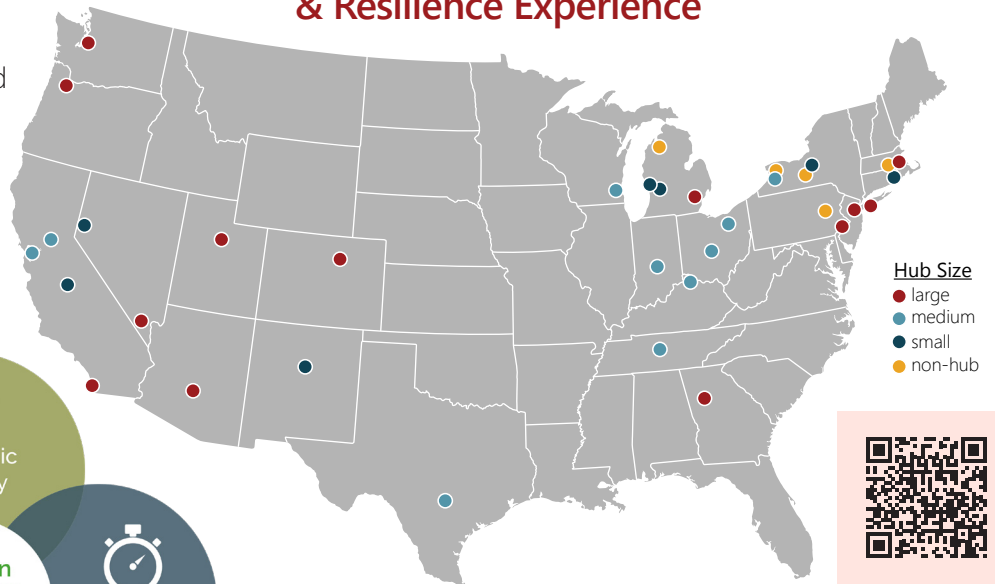
The C&S Aviation Sustainability practice is changing the way the world moves. We are the preeminent authority in aviation sustainability & resilience, helping airports draw strength from the environment and communities in which they operate. We are technical experts, trusted advisers, and industry leaders. We deliver meaningful results for the betterment of our clients. Our purpose is sustainability, elevated.

C&S is a national leader in aviation sustainability and resilience. Our work developing the country's first FAA-approved sustainable airport master plan helped inspire the FAA's sustainability planning pilot program. Since that time, C&S has worked with airports of all sizes across the country to integrate sustainability into airport planning, design & construction, and operations. We have successfully completed more than 250 separate airport planning, environmental, design and construction projects during the past five years and well over 2,500 during our 50 years serving airport clients. Our national aviation group features nearly 100 technical experts, with staff dedicated to environmental planning, sustainability, resilience, air quality, airfield and landside engineering, grants administration, and other specialized disciplines.

We employ a holistic approach to sustainability, factoring in economic and operational elements to ensure sustainability programs endure within the unique constraints of airports.



C&S Commercial Airport Sustainability & Resilience Experience



Hub Size
 ● large
 ● medium
 ● small
 ● non-hub



Please scan or click the QR code above to learn how C&S is supporting airports to improve sustainability and resilience.

Project Examples

Indianapolis International Airport

C&S led the sustainability and Envision administration efforts for the strengthening and enhancement of Runway 5R-23L and Taxiway D. It is the first airfield project in the world to achieve Envision Platinum, the highest rating, and included innovative technologies such as carbon sequestering concrete. C&S is also the prime consultant developing IND's Sustainability Management Plan, the first such FAA-funded plan to fully integrate resilience considerations.



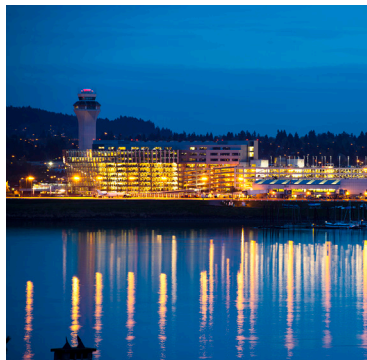
San Diego International Airport

C&S serves as the on-call sustainability consultant, providing a wide range of services including Airport Carbon Accreditation support, grant funding strategy and application development, and a feasibility assessment of fully electrifying the airport's central utility plant. C&S also serves as the Envision administrator for airside components of the Airport Development Plan.



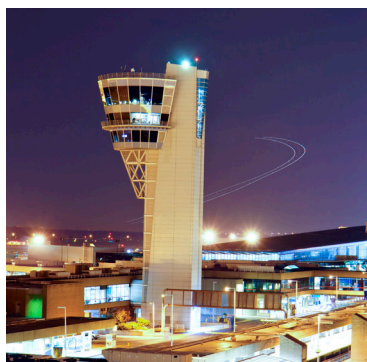
Portland International Airport

C&S conducted numerous sustainability planning efforts, including a climate risk assessment and renewable energy siting study. C&S also conducted a sustainable aviation fuel (SAF) infrastructure assessment. Additional projects include evaluation and funding of preconditioned air and electric ground support equipment charging infrastructure.



Philadelphia International Airport

C&S has supported PHL's sustainability program since 2015, providing full-service support for ESG reporting, GHG emissions inventories and Airport Carbon Accreditation (ACA), renewable energy development, and funding strategy. In 2022, C&S developed the airport's first Sustainability Management Plan.



Services

C&S provides full in-house aviation planning and engineering services. We view every airport project as part of a complete lifecycle, and we tailor our approach to help airports meet their needs efficiently. Our services include:

- ◆ Sustainability & resilience consulting
- ◆ Airport electrification and decarbonization
- ◆ Envision, LEED, & Airport Carbon Accreditation administration
- ◆ Funding strategies & grants administration
- ◆ ESG reporting
- ◆ Community and stakeholder outreach
- ◆ Revenue creation & economic analysis
- ◆ Stormwater management & water reuse
- ◆ Air quality analysis
- ◆ Airport planning
- ◆ Airfield engineering & design
- ◆ Fuel facility design & sustainable aviation fuel evaluation
- ◆ Sound attenuation
- ◆ Environmental & NEPA support

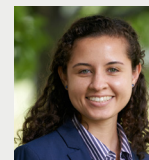
Leadership Team



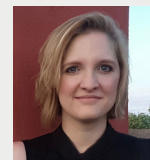
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Director



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Principal Consultant



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ENV SP, LEED GA
Senior Consultant



Mia Held
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Larissa Holland
ENV SP
Consultant