

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. Our team combines technical prowess with trusted advisory services and industry leadership, delivering transformative results and lasting value for our clients.

Sustainability Planning

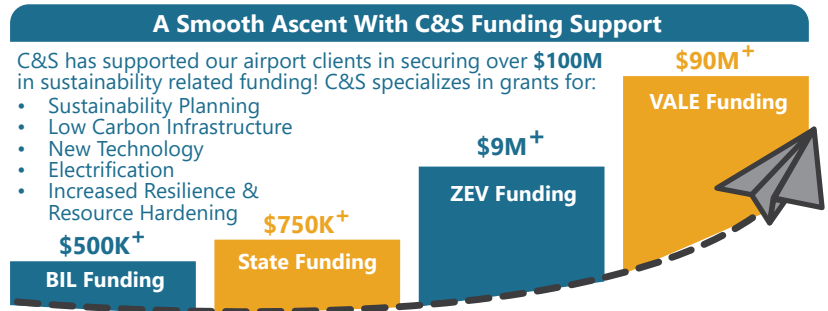
Our work developing the country's first FAA-approved sustainable airport master plan helped inspire the FAA's sustainability planning pilot program. Since then, C&S has worked with airports of all sizes (including serving as prime on the largest FAA-funded sustainability management plan to date) to maximize environmental, social, economic, and operational outcomes. Our planning approach is inclusive, dynamic, and tailored to the unique characteristics of the airports we serve. We assist airport project teams in tackling new initiatives, and we have helped our airport clients secure over \$125 million in funding for projects like sustainability plans, low carbon infrastructure, and electrification.

Sustainable Design & Construction

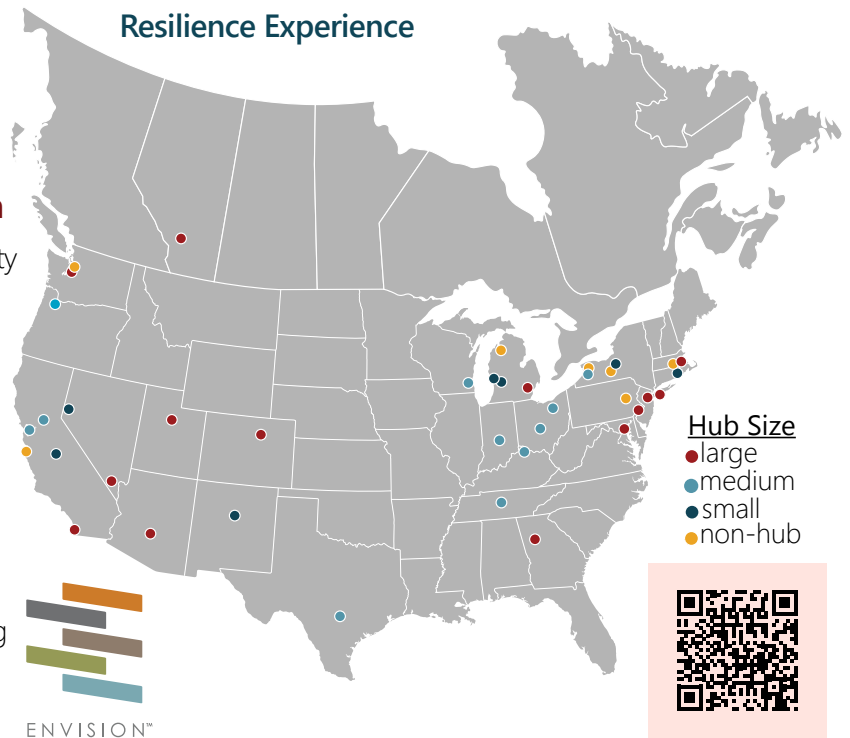
C&S leads the industry in improving the sustainability and resilience of airport infrastructure. C&S implements sustainable design processes that maximize energy and water efficiency, reduce waste, and minimize the burden on the environment while improving the health, well-being, and productivity of the end users. We have proven that sustainability reduces costs and saves time, when done right. C&S has served as the administrator of 70% of all U.S. airfield projects certified under the Envision Rating System, including the world's only Envision Platinum runway.

Decarbonization & Net Zero

Airports trust C&S to help them navigate their journey to a lower carbon future. We provide a range of support services, including net zero planning, fleet electrification plans, Airport Carbon Accreditation, emissions inventories, and design and funding support for decarbonization projects. C&S is a partner in AirportNetZero.com, a joint initiative dedicated to providing airports with the resources they need to achieve net zero.



C&S Commercial Airport Sustainability & Resilience Experience

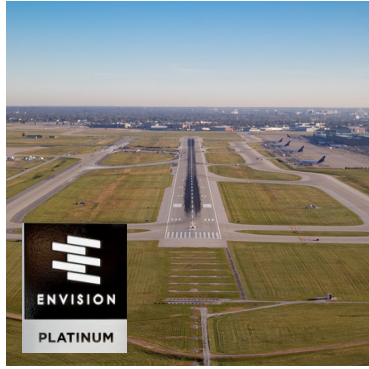


Please scan or click the QR code above to learn how C&S is supporting airports to improve sustainability and resilience.

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.



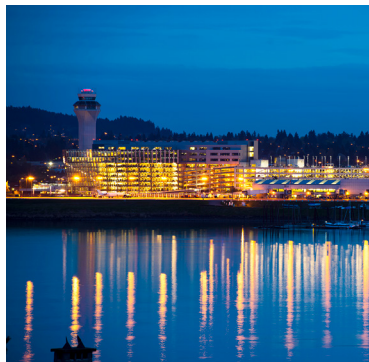
San Diego International Airport

C&S has served as the on-call sustainability consultant since 2019, providing an array of services including a central utility plant electrification study; the airport's first Environmental, Social, and Governance (ESG) report; and an Envision Gold award for the airport's recent airside redevelopment project.



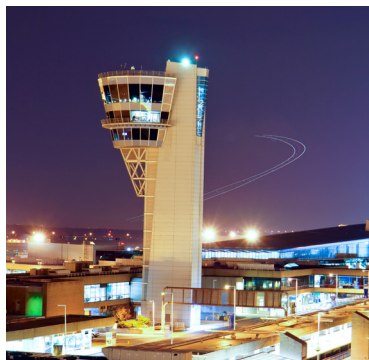
Port of Portland

C&S has conducted numerous sustainability planning efforts, including a Net Zero Roadmap, climate risk assessment, renewable energy siting study, sustainable aviation fuel infrastructure assessment, and a variety of landside and airside electrification projects and related funding applications.



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
- ◆ Net zero planning
- ◆ Airport electrification and decarbonization
- ◆ Envision administration
- ◆ Airport Carbon Accreditation
- ◆ Funding strategies & grant applications
- ◆ ESG reporting
- ◆ Community and stakeholder outreach
- ◆ Revenue creation & economic analysis
- ◆ Materials management & waste audits
- ◆ Air quality analysis
- ◆ Airport planning
- ◆ Airfield engineering & design
- ◆ Fuel facility design & sustainable aviation fuel evaluation
- ◆ Sound attenuation
- ◆ Environmental & NEPA support

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