



Sustainability

From the project outset, **Jaguars'** leadership made their priorities clear: *a sustainable approach to extend the life of EverBank Stadium*. This meant finding bold solutions for the **City of Jacksonville**, beginning with the decision to renovate, paving the way for the **Stadium of the Future**.

Reuse and improvement of the existing stadium is the *single most important sustainability item*. Stadium renovation of an **NFL** venue represents a *significant reduction* in embodied carbon, as compared with the decision to build new. This reduced carbon footprint results from reuse of existing structure and some systems and infrastructure, as well as reduction in new material usage.

A signature design element, the stadium's transparent canopy roof is designed to *enhance* fan comfort through passive cooling techniques, shading and natural ventilation, all while maintaining natural light within the facility. The added canopy also has the potential to reduce cooling demand and lighting, thus *reducing energy consumption*.

The newly landscaped stadium grounds *minimize the heat island effect*, and native plantings reduce stormwater runoff volume and require less irrigation. Additionally, the stadium grounds could double as a public park on non-event days, contributing to community health and wellbeing.

Conveniently located near **Downtown Jacksonville**, the stadium's location continues to promote the use of alternative transportation options such as public transit, biking, walking and rideshare capabilities to events held at the stadium.

System modernization to mechanical, electrical and plumbing systems include fixture selections with reduced water usage and low energy LED lighting.

- Replacement of existing mechanical systems with new, more efficient systems results in *less energy consumption* and *improve fan comfort*.
- Functionality of systems are validated to ensure they are performing as designed, supporting *energy efficiency* and *occupant comfort*.

The Design Team carefully selects materials and systems with heavy consideration to those available *locally* and *within the region*. Additionally, use of low-emitting materials to promote *healthy indoor air quality* is factored into the project. Use of large-scale materials with less embodied carbon and significant amounts of *recycled content*, such as concrete and structural steel, is encouraged and tracked.

