



Liga ProTM

SAFE STADIUM

EXECUTIVE SUMMARY

Liga Pro SAFE STADIUM™ is an innovative, first-in-class, resilient and sustainable design/concept/prototype for sports and entertainment infrastructure (stadiums and arenas) that protects and saves lives. Its development began in late 2017, following Hurricane Maria, when it became patently evident that the island's infrastructure – airports, seaports, highways, bridges, roads, hospitals, schools, stadiums, community centers, electrical grid – were not strong enough to sustain category 4 and 5 hurricanes.

After January 2020's earthquakes, we amended the Plan and Safe Stadium™ to include basalt rock fiber reinforcing tape that keeps structures safe from earthquakes, even above a Richter scale magnitude of 8.

After the COVID-19 pandemic infection quarantine that began in March 2020, we again amended the Plan and Safe Stadium™ to include safe distancing measures, PPE's, and an automatic disinfecting system.

Liga Pro will have the most innovative infrastructure within FIFA'S CONCACAF region, by and through Liga Pro SAFE STADIUMS™. Each Division I and Division II Club will have its own Safe Stadium™, varying in size and capacity.

As part of its strategic plan for growth, Puerto Rico Soccer League conducted a survey and analysis that concluded that a large component to the growth of the game and profitability of the League depends upon the design and construction of the infrastructure for the League, as was the case with MLS in the U.S. This growth and profitability will be accomplished through the building of mini soccer stadiums with a minimum capacity of 3,500 fans and a maximum capacity of no more than 10,000 seats. These stadiums will also be used for music concerts and community events.²

PRSL and Basalt Technologies, LLC will build the infrastructure on which the League and its clubs can thrive. Basalt Technologies is an innovative company that designs, manufactures and distributes reinforced basalt rock fiber building and construction materials (rebar, concrete aggregate, historical preservation rebuild grid, reinforcing tape, etc.) made of basalt rock. Black basalt rock is volcanic rock that is over 600 million years old, three times (3X) stronger than steel, 70% lighter, never rusts, reduces the steel carbon footprint by at least 60% so it can generate carbon tax credits, is comparable in initial cost to steel rebar and requires 30% less concrete mix. Long-term, basalt rebar is less costly than steel rebar because it does not rust, so it does not weaken the structure.

The United Nations included Puerto Rico Soccer League (PRSL) in the Sports for Climate Action Framework <https://unfccc.int/climate-action/sectoral-engagement/sports-for-climate-action/participants-in-the-sports-for-climate-action-framework> as Signatory in October 2019.

² During concerts and events, capacity is larger due to field seating and standing room only sections.



PRSL is the world's first soccer league that is purposefully intended and geared towards reducing greenhouse gas emissions and lowering the rising ocean temperatures that contribute to more frequent, stronger hurricanes in the Caribbean, where Puerto Rico is geographically located.

Further, on January 16, 2020, Ibrahim Reyes and Joey Serralta were appointed by the United Nations Framework Convention on Climate Change (UNFCCC) as members of its Sports for Climate Action Working Groups.

- Ibrahim Reyes, Esquire is member of Working Group 1 (Systematic efforts to promote greater environmental responsibility) and Working Group 2 (Reducing climate impact);
- Joey Serralta is member of Working Group 3 (Promote sustainable and responsible consumption) and Working Group 4 (Educate and advocate for climate action).

Ibrahim and Joey are scheduled to meet with other members of the Working Groups in Wembley Stadium, London, in October 2020 (March 17-18, 2020 meetings were postponed due to COVID-19) to share their experiences in Puerto Rico during and post-hurricanes and earthquakes, and how they are building Puerto Rico Soccer League's infrastructure resiliently and sustainably with best available technologies that are replicable worldwide by other members of the Working Groups.³

*By corporate mandate, all PRSL stadiums/complexes will be 70% + Green. All **Liga Pro SAFE STADIUMS™** will be, to a very large degree, self-sufficient and energy independent in order to serve as Safe Community Shelters™ in the event of a catastrophic event similar to Hurricane Maria in September 2017 and January 2020's earthquakes.*

Liga Pro SAFE STADIUM™ Major Features.

1. Designed and built with BASALT TECHNOLOGIES™ **reinforced basalt fiber rebar** and building and construction materials that do not rust – ever; are 3X stronger than steel rebar; 70% lighter; cost comparable to steel rebar; very low carbon footprint and generate carbon tax credits. Our stadiums are designed to endure hurricanes and seismic events much better than structures built using old-fashioned steel rebar and concrete mix.

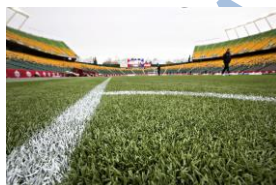
³ Other members of the Working Groups are the International Olympic Committee (IOC), International Sailing Federation, United States Tennis Association (USTA), FIFA, UEFA, several national Olympic Committees, Paris 2024 Olympic Games, Fédération Équestre Internationale (FEI), Anschutz Entertainment Group, Inc. (AEG), New York Yankees, LA Galaxy, La Liga, etc., all in need of resilient and sustainable sports and entertainment infrastructure.



2. Powered with **renewable energies** (solar panels, vertical axis wind turbines, conversion of biomass to biofuel);



3. Equipped with Quick Dry latest-generation **artificial turf** soccer fields that drain water instantly, allowing for a safe, dry and comfortable community shelter.



4. Players clinic that converts into **Liga Pro Emergency Department Triage™** to diagnose and treat patients from the community, staffed with Emmaus Medical Missions® and Fundación Joe Serralta® physicians, nurses, and volunteers⁴ under the guidance of the League's Medical Director, Mario J. Polo, M.D.

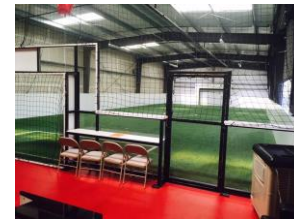


5. **PRSL Industrial Kitchen™** to feed thousands around the clock, under the guidance of chef Erasmo "Wito" Rodriguez.

⁴ After Hurricane Maria, Fundación Joe Serralta coordinated efforts with Emmaus Medical Missions and the Puerto Rican diaspora, and contributed several plane loads of emergency supplies (water, food, medicines, toys before Christmas), transported victims to the U.S. for treatment, distributed over \$1 Million in children's cancer treatments, and coordinated the deployment of 118 volunteer doctors, nurses and paramedics.



6. Unique commercial storefronts aimed at community-building. **Liga Pro Tutoring Center™** and **Vocational Center™** that teach and train in best practices and technologies (how to sell, install and repair wind turbines, solar panels, basalt rock rebar machinery and materials, operate a sports team, etc.), Social Services and Employment Office in combination with each municipality, Sports Shop with **Liga Pro Virtual Training™**, **Liga Pro Café™** with healthy meals, snacks and fluids (and local favorites like Gusto's Coffee® coffees and treats, empanadas, croquetas, sandwiches, alcapurrias and mofongo), **Liga Pro Gym™** and other elements that ensure weeklong use and steady revenue.⁵



7. **Liga Pro Safe Stadium's** protect the League's teams and fans from contagious diseases (bacterial and viral) through dedicated entry and exit double-wide gates, safe-distancing measures that include color-coded areas and seats, an automated disinfecting systems throughout the Stadium that kill contaminants on contact, and PPE's, all under the guidance of the League's Medical Director.

8. **Liga Pro Ecofriendly Transportation™** with electric vehicles to transport the League's clubs and equipment, including all club owners, managers, and coaches. We must "walk the walk" and lead by example.



⁵ In the same way that PRSL has partnered with Gusto's Coffee®, it will partner with other education, food, gym and industry leaders to offer our communities the best products and services consistently.