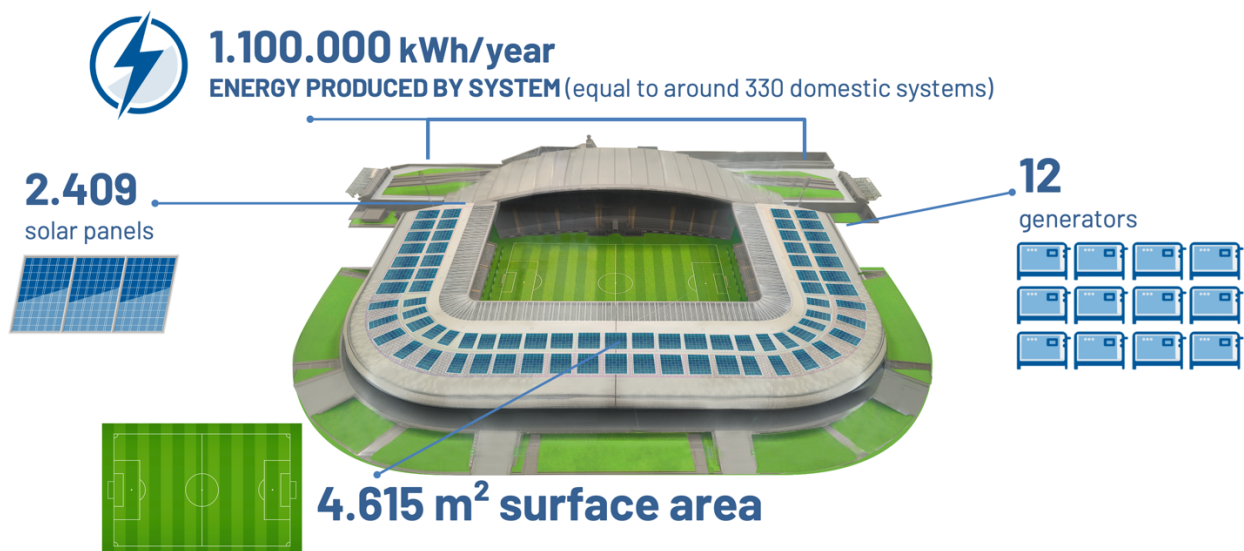


BLUENERGY STADIUM PHOTOVOLTAIC SYSTEM

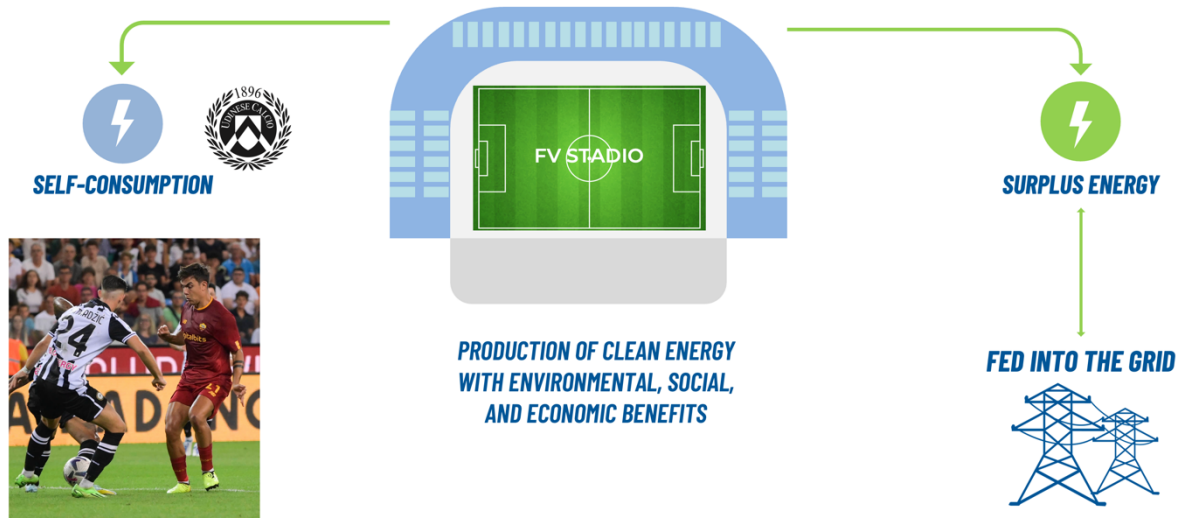
Highlights

- Energy produced by the system: 1,100,000 kWh/year
- Solar panels: 2,409
- System surface: 4,615 m²
- Quantity of CO₂ not released into the atmosphere: 450 tonnes/year

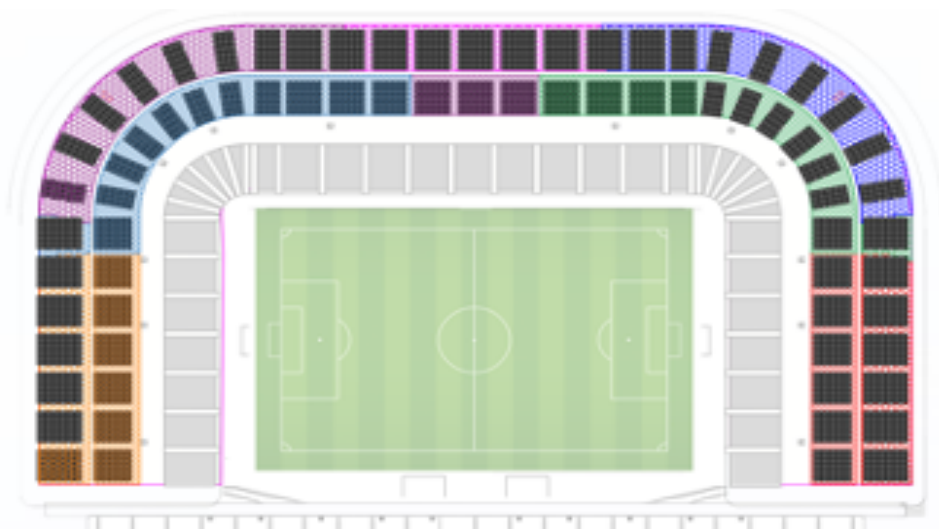


The total energy produced by the system each year will be 1,100,000 kWh, which is equal to that produced by 330 domestic systems. The system will produce around 3,000 kWh/day, which enables the facility to become partially energy self-sufficient. Daily surplus energy that is not absorbed by the stadium will be fed into the grid.

FLOW DIAGRAM OF ENERGY GENERATED



The system will be divided into two parallel sections called "Section 1" and "Section 2". Each section will be divided into autonomous and separate parts so as to allow timely intervention in the event of a local fault and to ensure continuity of supply.



SECTION 1				SECTION 2			
ID	N. PANNELLI	ZONA	KW	ID	N. PANNELLI	ZONA	KW
1	245	CURVA NORD	101,675	1	250	CURVA NORD	103,750
2	250	CURVA NORD + DISTINTI	103,750	2	40	CURVA NORD	16,600
3	105	DISTINTI	43,575	3	242	CURVA NORD + DISTINTI	100,430
4	250	CURVA SUD + DISTINTI	103,750	4	250	DISTINTI	103,750
5	245	CURVA SUD	101,675	5	242	CURVA SUD + DISTINTI	100,430
				6	40	CURVA NORD	16,600
				7	250	CURVA SUD	103,750

The project will prevent a considerable amount of CO₂ emissions being released into the atmosphere, totalling around 450 tonnes/year. This is equivalent to planting 700 trees and is equal to the monthly emissions produced by 3,000 cars.

ENVIRONMENTAL SUSTAINABILITY

