Transport, water and energy consumption, waste management, operators' assets, like any other massive event, have an immense environmental impact.

As the "green wave" hit Europe and national football teams prepare for next year Euro 2020, we look at the carbon footprint of the king of sports: football.

UEFA is working in collaboration with the European Commission and several National Football Associations to reduce the ecological impact of the Euro 2020.

A number of stadiums will implement a set of pilot measures aimed at making the tournament more sustainable thanks to the LIFE TACKLE activities.

SUSTAINABILITY IN SPORTS: WHAT'S FOOTBALL CARBON FOOTPRINT?

**Produced by** for LIFE TACKLE is co-funded by the LIFE Environmental Governance and Information programme of the European Union - Project Number LIFE17 GIE/IT/000611

**Stadiums**

- **Friends Arena** in Stockholm (50,653 seats)
- **Tele2 Arena** in Stockholm (35,000 seats)
- Stadium Roi Baudouin in Brussels (50,093 seats)
- **Olimpico di Roma** in Rome (70,634 seats)
- Luigi Ferraris stadium in Genoa (36,600 seats)
- Atleti Azzurri d'Italia in Bergamo (24,726 seats)
- **Arena Națională** in Bucharest (55,634 seats)
- Stadionul Anghel Iordănescu in Voluntari (4,600 seats)
- **Estádio do Dragão** in Porto (50,033 seats)
- Benito Villamarin stadium in Sevilla (60,720 seats)
- **AVIVA stadium** in Dublin (51,700 seats)

**24 teams** played in 51 matches in 10 different cities.

**2.5 million spectators** were left with 2,825,000 tonnes CO₂-eq.

**80%** of the carbon footprint was produced by the stadiums, while the remaining 20% came from transportation.

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**10 stadiums** were accessible by public transport.

**Total of waste managed in stadiums was:**

- **1,542 tonnes**

Although it was higher than in 2008 and 2012, the waste per spectator is the lowest since 2008: 0.64 kg.

**The total recycling rate was 38%**

- **1 out of 10** had a system for energy recovery in waste
- **1 out of 10** had a system for energy recovery in generators
- **7 out of 10** had rainwater collection systems
- **6 out of 10** used energy produced with solar panels
- **1 out of 10** used geothermal energy
- **1 out of 10** counted on micro wind turbines

All stadiums worked towards the reduction of waste through:

- Reusable cups
- Composting
- Food donation
- Signage
- Reuse

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