

SUSTAINABILITY IN SPORTS: WHAT'S FOOTBALL CARBON FOOTPRINT?



Transport, water and energy consumption, waste management... sports events, like any other massive event, have an important 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.

LAST UEFA EURO TOOK PLACE IN FRANCE

24



teams

played

51



matches

in

10



different

cities



2.5 million spectators

watched the matches in the stadiums

The total carbon footprint

of the Euro 2016 was

2,825,000

tonnes CO₂-eq



1,000

tonnes CO₂-eq



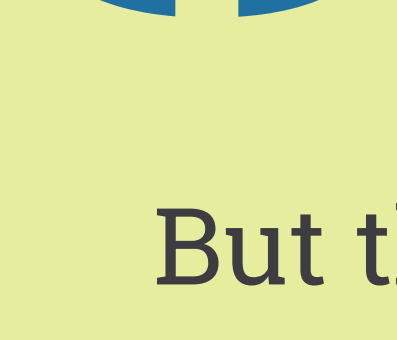
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100

European inhabitants

1,000 tonnes CO₂-eq is the equivalent to the annual carbon footprint of 100 European inhabitants

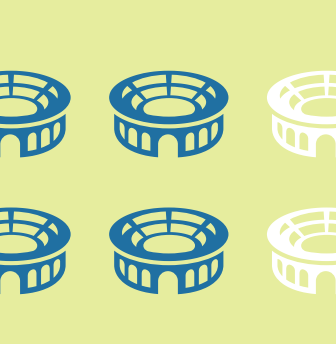


80% of the carbon footprint is produced by the stadiums

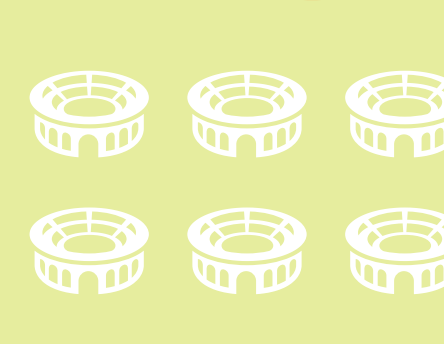
But they did their best to reduce emissions



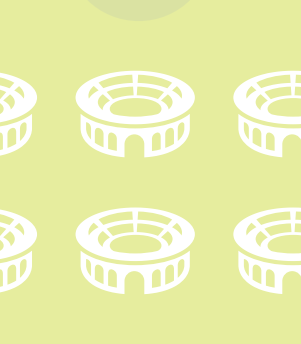
All 10 stadiums were accessible with public transport



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



1 out of 10 had a system for energy recovery in waste water treatment



1 out of 10 had a system for energy recovery in generators



7 out of 10 had rainwater collection systems

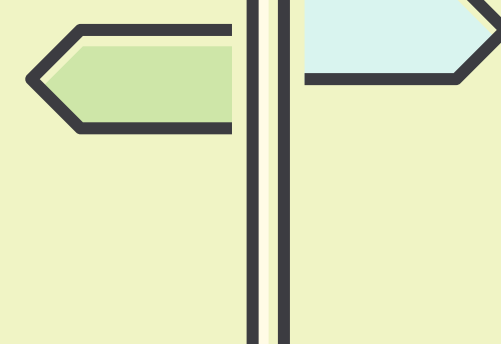
All stadiums worked towards the reduction of waste through:



Reusable cups



Food donation



Signage reuse



Composting

Total of waste managed in stadiums was:

1,542 tonnes

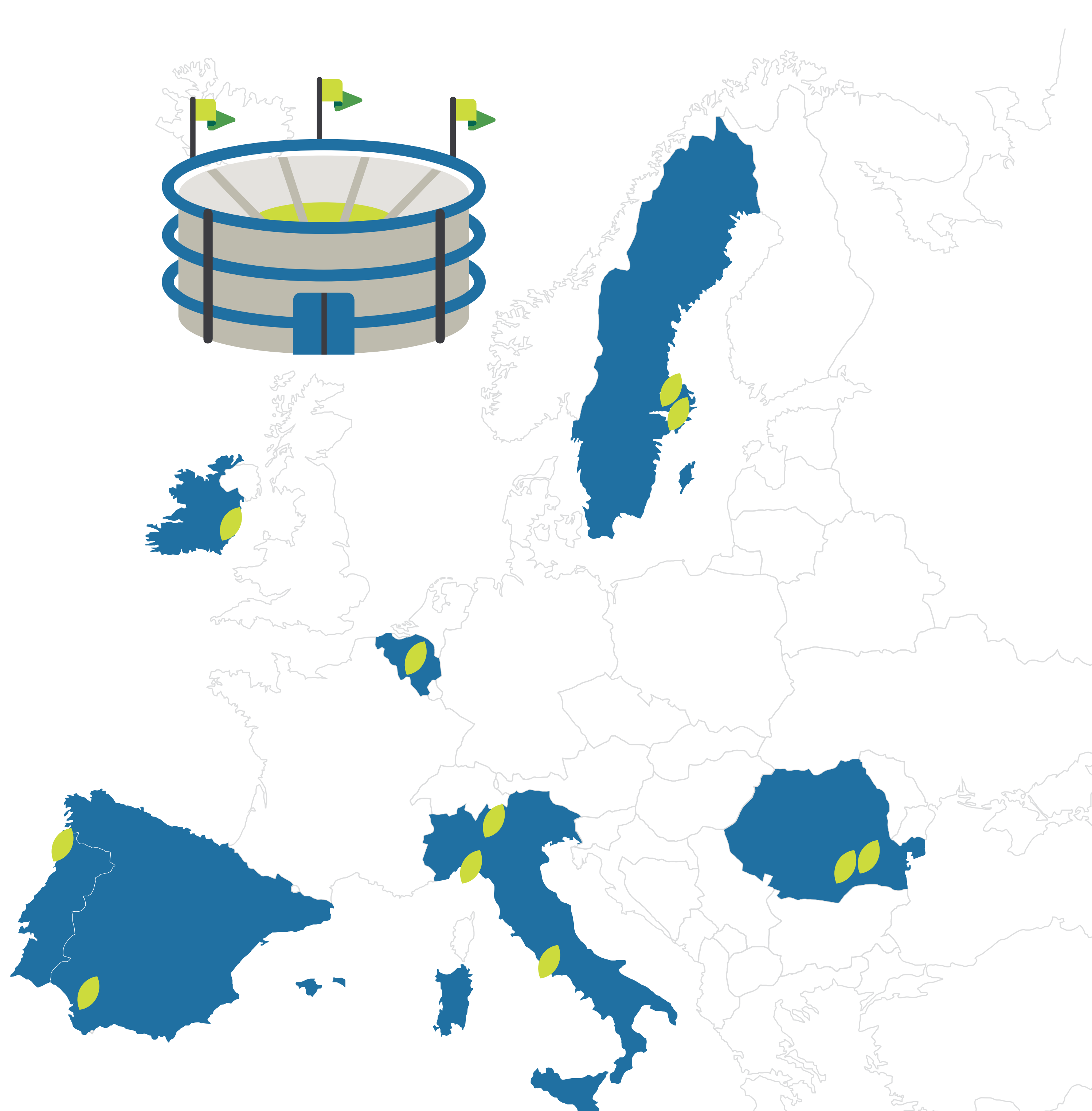
Although it was higher than in 2008 and 2012,

the waste per spectator is the lowest since 2008: 0.64 kg

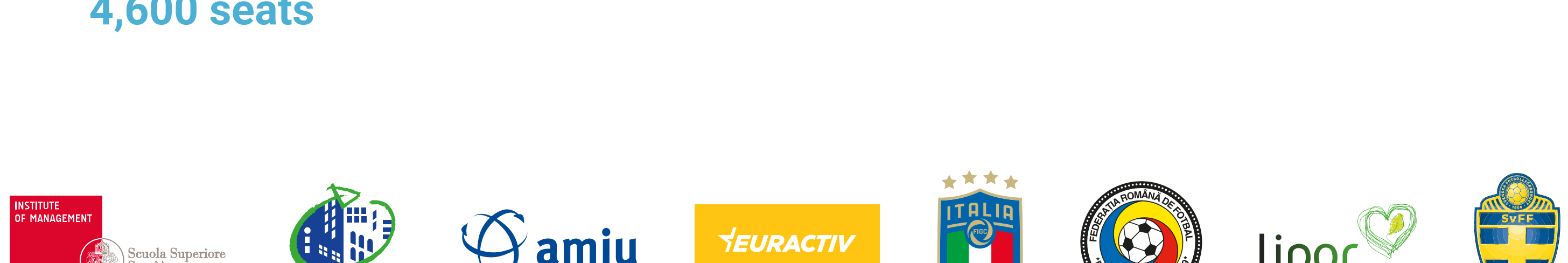
The total recycling rate was 38%

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.



- 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
- Friends Arena in Stockholm 50,653 seats
- Tele2 Arena in Stockholm 35,000 seats
- Estádio do Dragão in Porto 50,033 seats
- Benito Villamarin stadium in Sevilla 60,720 seats
- AVIVA stadium in Dublin 51,700 seats



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