

# High-tech soccer ball unveiled for Euro 2024 promises more accurate offside decisions

November 15 2023

---



A UEFA Euro 2024 Ball lays on the ground during a presentation of the new ball in Berlin, Germany, Wednesday, Nov. 15, 2023. The ball is named 'Fussballliebe' - 'Football Love' or 'Soccer Love'. Credit: AP Photo/Markus Schreiber

A high-tech soccer ball that helps with more accurate offside decisions

will make its European Championship debut next year in Germany after being [used at the 2022 World Cup](#).

[European soccer governing body UEFA and manufacturer Adidas unveiled](#) the ball for Euro 2024 in Berlin on Wednesday. It is named "Fussballliebe," the German word for "love of soccer," and will be used at next year's 51-game tournament from June 14-July 14.

A [chip](#) fixed on a gyroscope inside the ball sends data 500 times per second to record the point at which it is kicked. The "kick point" helps match officials make offside decisions using multiple camera angles to create 3D visualizations that illustrate [player movement](#).

UEFA said the "connected ball technology (gives) unprecedented insight into every element of the movement of the ball and contributing to UEFA's video assistant refereeing decision-making process."

Adidas also supplies balls to FIFA for the men's and women's World Cups.

UEFA highlighted the sustainable qualities of the "Fussballliebe," using recycled polyester and water-based ink, plus materials including corn fibers, [sugar cane](#) and wood pulp.

Adidas has pledged 1% of net sales of the [ball](#) to the Common Goal soccer charity created by former Spain midfielder Juan Mata.

© 2023 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: High-tech soccer ball unveiled for Euro 2024 promises more accurate offside decisions (2023, November 15) retrieved 8 May 2024 from <https://techxplore.com/news/2023-11-high-tech-soccer-ball-unveiled-euro.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.