

**Variance in CO2PM** 

345.7 → 1,206.3

1500

Our observations show a significant variance in CO2PM, requiring brands to

take a dedicated approach to measurement in different markets/campaigns.

**Domains** 

**Markets** 

## The Hidden Cost of Digital Advertising



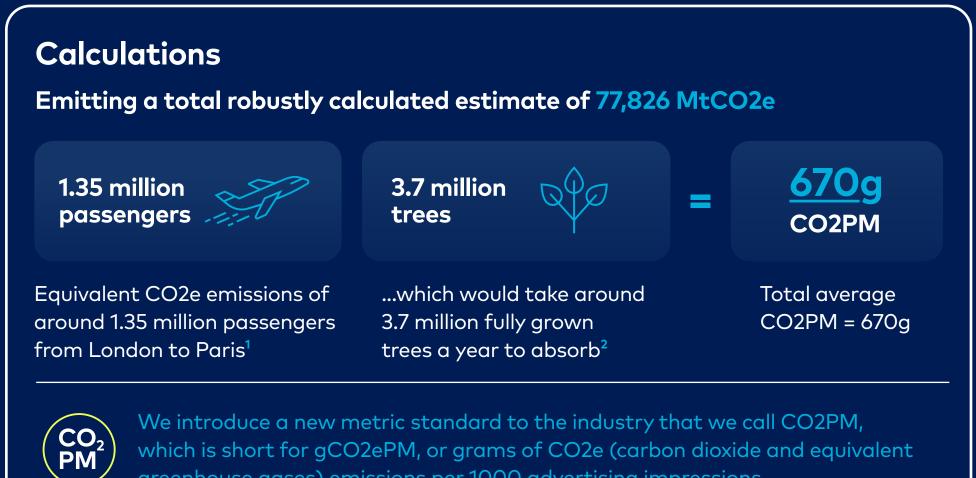
Scope3 and Ebiquity analysed 116bn digital display advertising impressions worth \$375m+ from 43 brand advertisers across 11 markets. The total CO2e emissions measured by Scope3 were 77,826 MtCO2e, which is an average of 670 grams per 1000 impressions, a new metric we call CO2PM.





4,782.8

2000 2500 3000 3500 4000 4500 5000



## greenhouse gases) emissions per 1000 advertising impressions. Wasted Ad Spend in the US \* Trusted News Websites of N brands4news.org 15.3% of all US 126% spend in sample **↓**52% was wasted on Made For Advertising 644 390.5 814 inventory MFA TNW\* **NON-MFA** The average CO2PM of MFA inventory in the sample was 814. This is a 26.4% higher CO2PM than non-MFA. In comparison, the average CO2PM of the English language 'Trusted News Websites' inventory of Brands4News.org is 390.5, which is -52% lower than the MFA average. View 'TNW' domain list here. For more information about 'Made For Advertising Inventory', click **here.**

## Anatomy of a web page HTML and Javascript to load and render the page Images and fonts Embedded ads **Analytics** Video player Display ads Recommended content Chat, comments, and other interactive content Scope3 methodology note We consider ad selection, including all auctions and bid requests,

