

Executive Summary

Less ad clutter delivers on both brand and consumer needs

Fewer ads on webpages solves a whole host of issues, including more effective ads and less annoyance for consumers

Ad-Filtering users are a valuable and growing audience

Marketers should be paying more attention to the emerging audience of ad-filtering users. They are open and responsive to nonintrusive ads and are comprised of young decision makers

Ad-Filtering can help to decarbonize media and to reach your sustainable media goals

Reaching ad-filtering users requires the use of low bandwidth ads that have less carbon emissions, allowing advertisers to optimize toward a more sustainable footprint

Two critical, intersecting industry problems

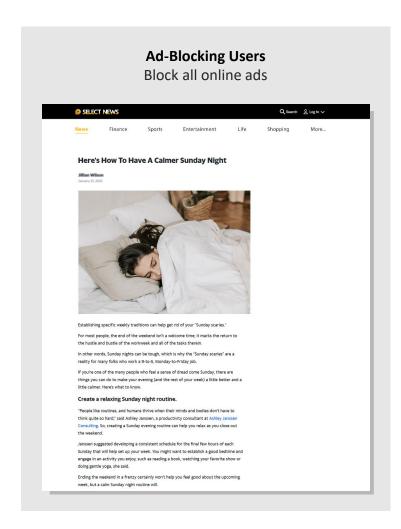
Too much ad clutter **SHARPS INC** CLEAN SHARP CUTS EVERY TIME. LEARN MORE Here's How To Have A Calmer Sunday Night **5U% ∜** Whale Investing Investing with impact Of consumers say Find a team to help create the impact you envision. At Whale online ads aren't Investing, we provide global just annoying, they brokerage services and promote independent wealth are **incessant** management to help achieve Learn more > Watch Now

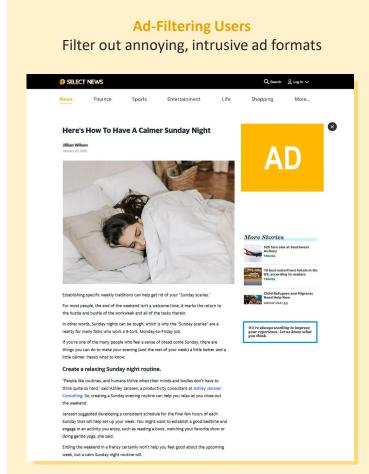
2 Ad blocking is on the rise

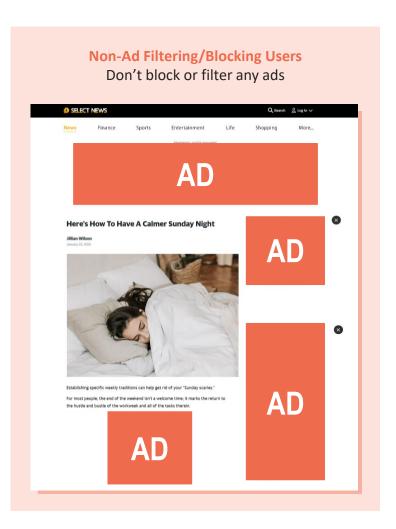


THE GOOD NEWS:

Many are opting for the in-between – ad filtering







Research Questions



Our Methodology

WHAT

Controlled testing of display ads on high and low-clutter pages on desktop/laptop

HOW

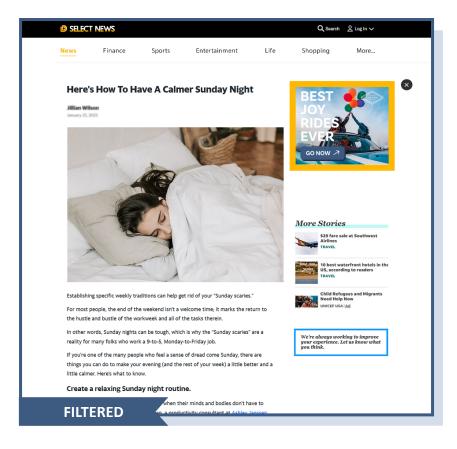
Recruited participants from a representative online panel. Participants viewed webpages based on personal interests, with brand or control* ads served based on randomization. Post survey to measure effectiveness

SAMPLE SIZE

<mark>1,289</mark>

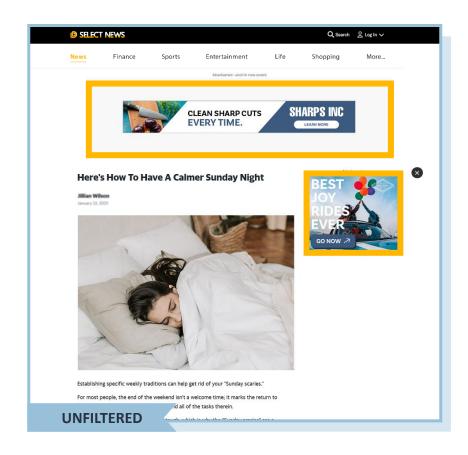
Low-Clutter Web Experience

Ad-Filtering users viewed premium content with very few ads cluttering the page

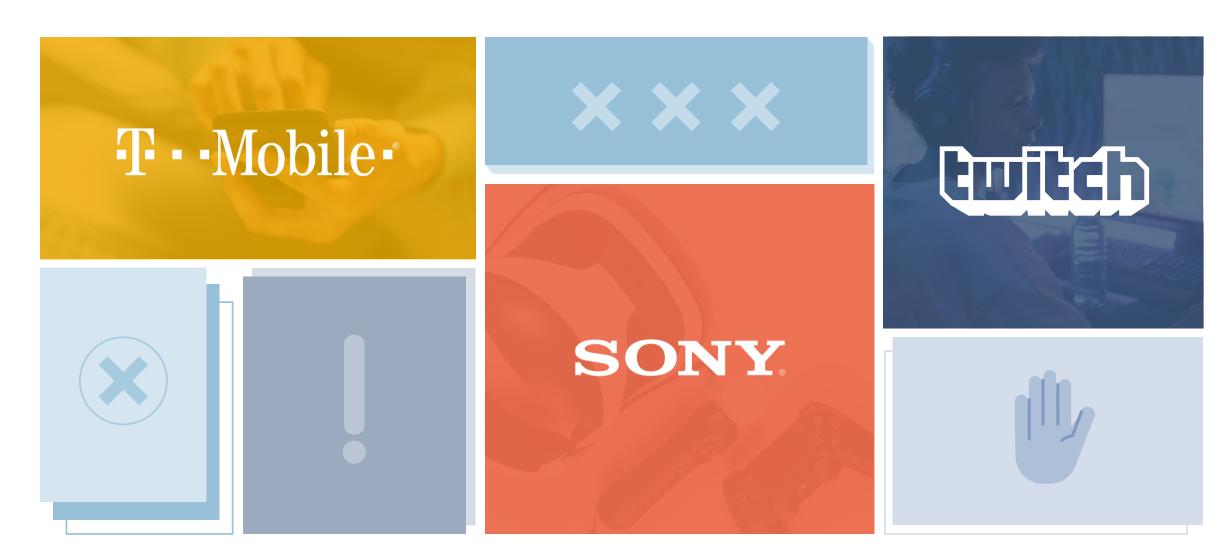


High-Clutter Web Experience

Non-Ad Blocking/Filtering users viewed premium content with standard ad load - many ads cluttering the page



Brands we tested

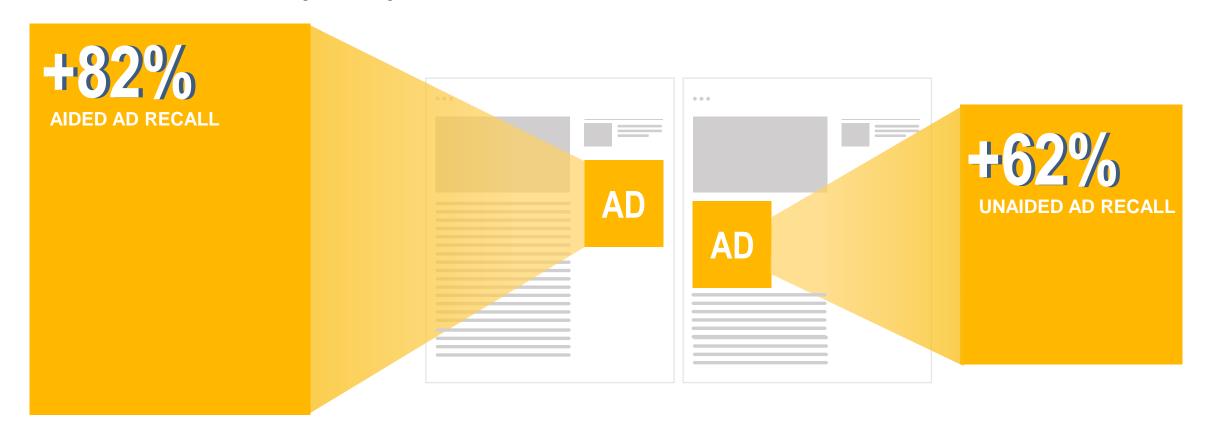




Ads on low-cluttered pages are more memorable among critical audiences

Those Who've Never Purchased/Used the Brand

% Difference Between Low-Clutter and High-Clutter Pages



Ads on low-cluttered pages are more cost efficient and lead to higher return on ad spend

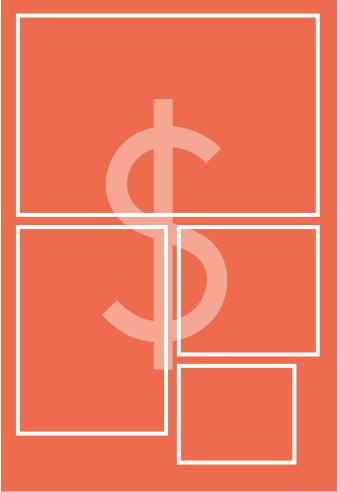
COST EFFICIENCY

Aided Ad Recall - Total Audience Cost to Impact Per 1,000 People



\$27.00

High-Clutter Page

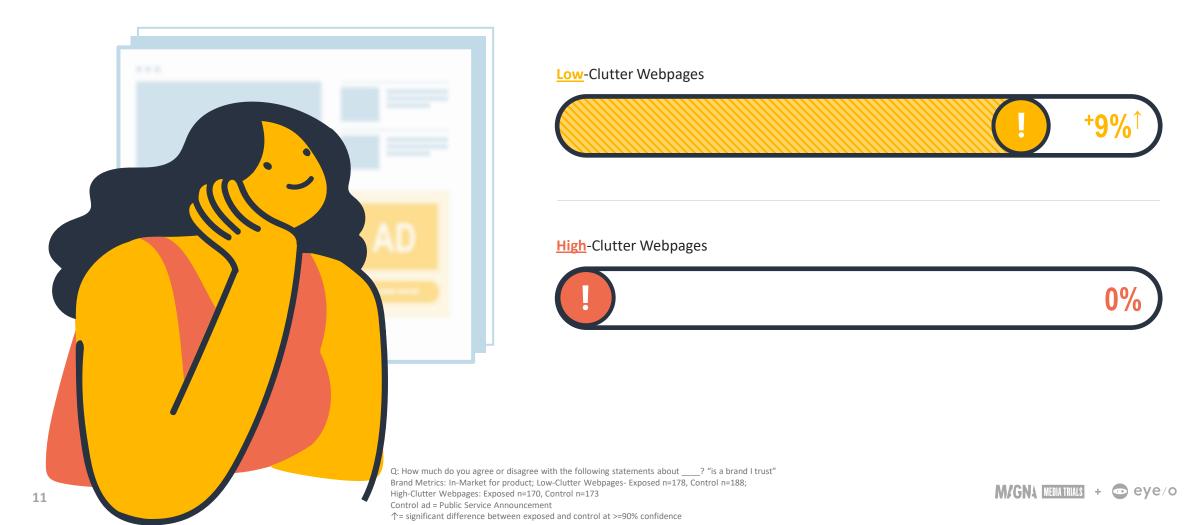


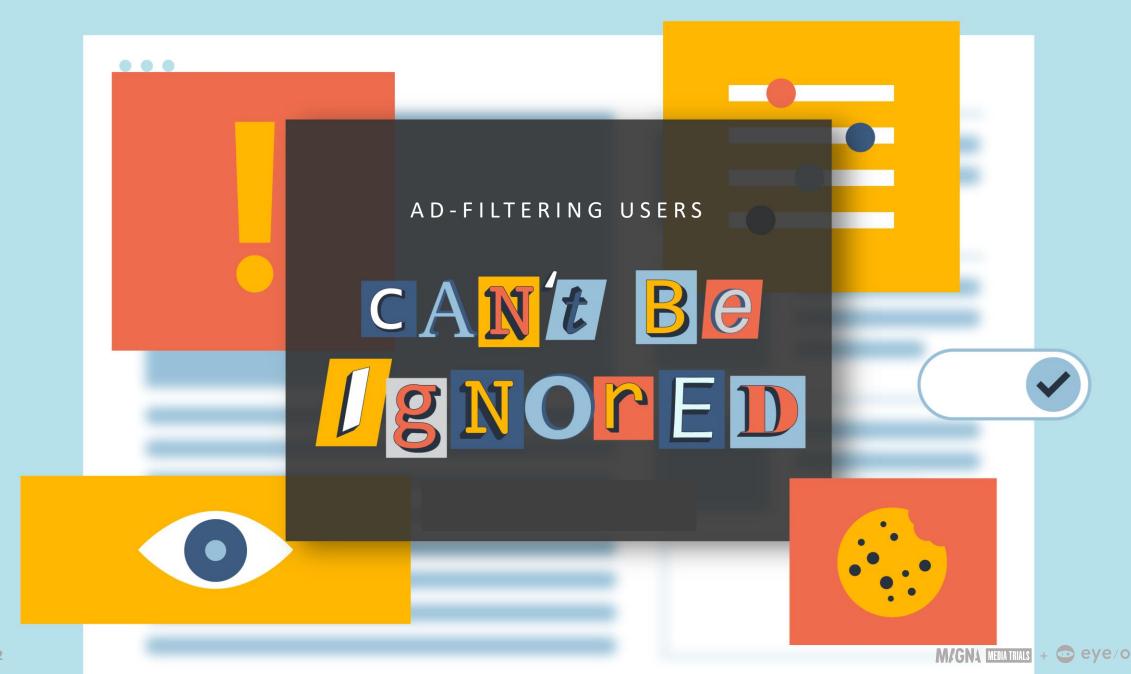
Low-clutter pages allow display to move beyond top-funnel metrics

The same ad on a low-cluttered page is more effective at driving brand trust

BRAND IS "TRUSTWORTHY"

In-Market For Product - Delta (Exposed – Control)

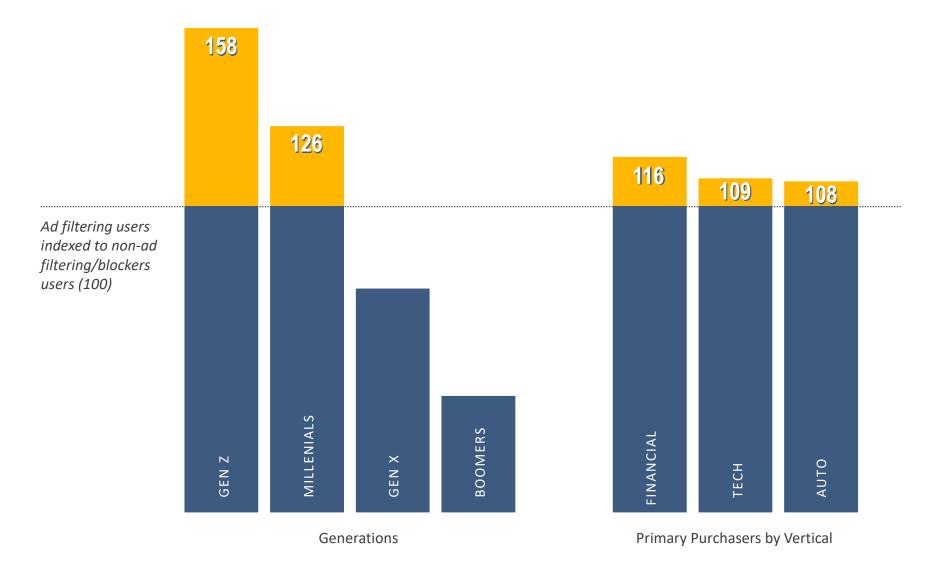




Ad-Filtering users are the future customer base

Ad-Filtering users are typically younger and making critical purchase decisions

How Do Ad-Filtering Users Differ From Non-Ad Blocking/Filtering Users? Audience Profile, Indexed

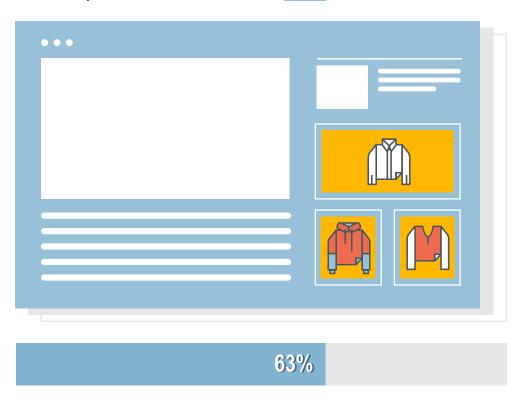


Most who aren't using blocking/filtering technology want what it offers

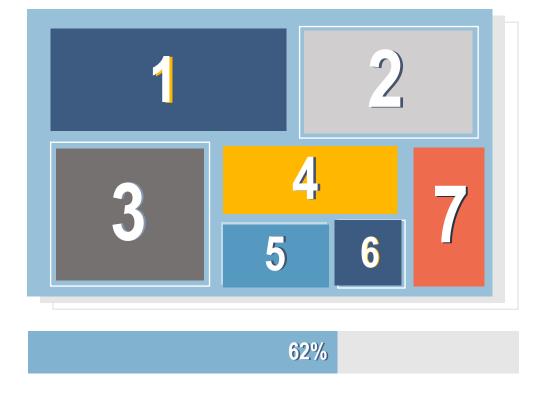
Value Of Online Ad Control | Non-Ad Filtering/Blocking Users

- Scale 1-10 (Top 3 Box)

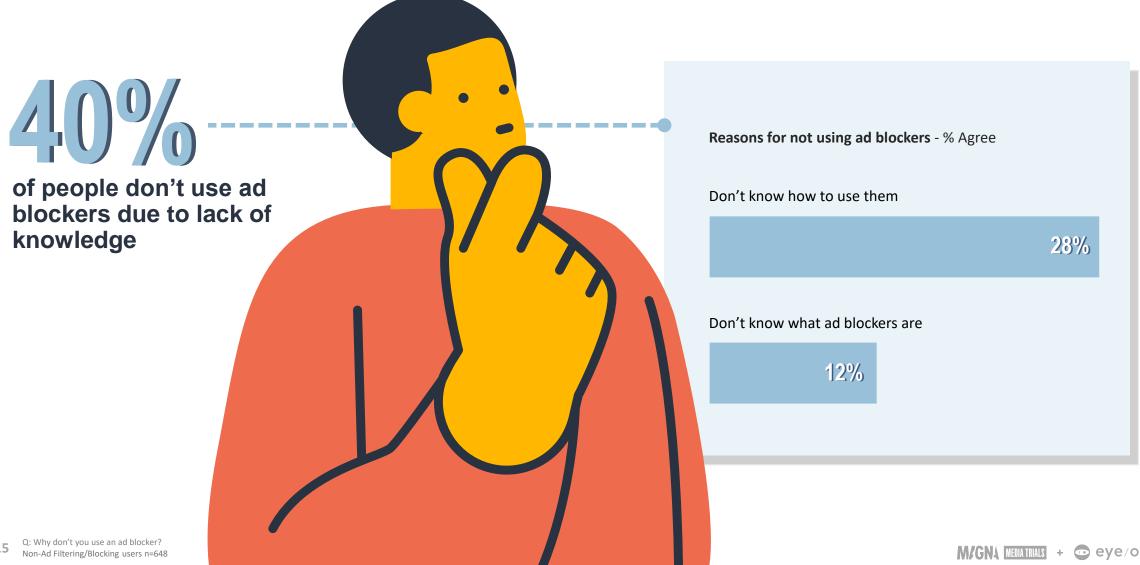
The ability to have control over the types of ads I see online



The ability to have control over the **number** of ads I see online



Those who don't use ad blocking or filtering software would use ad filtering if they could

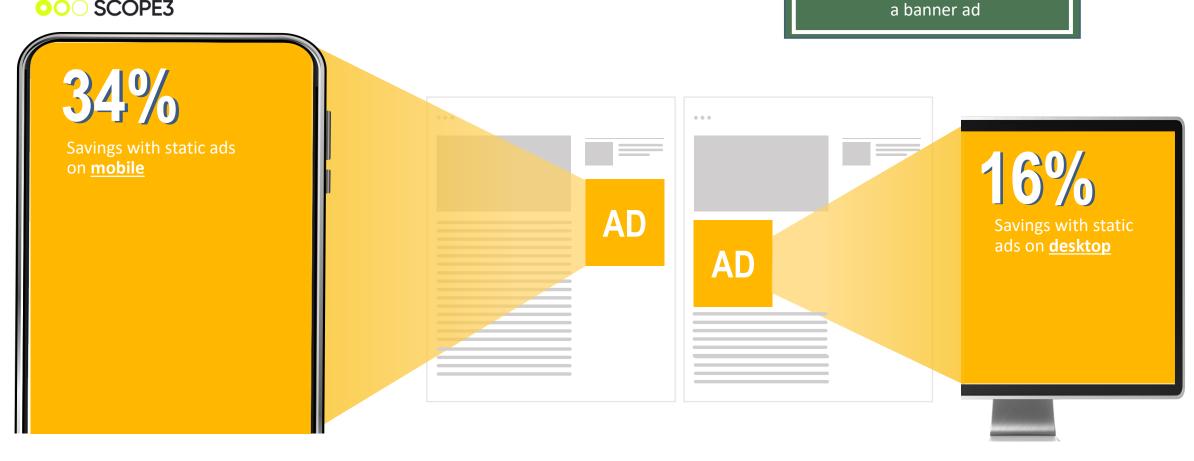




Low bandwidth ads generate lower emissions regardless of device

% Savings in Carbon Emissions Using Static Instead of Animated Banners

OOO SCOPE3



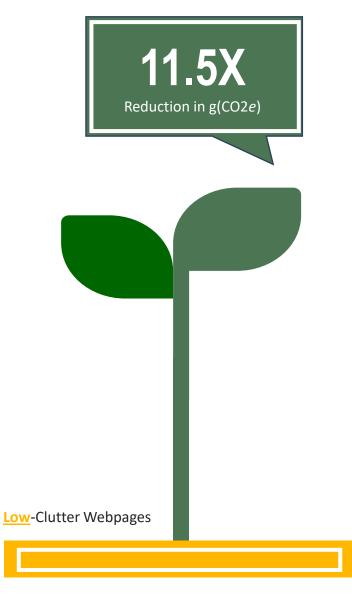
Did you know? A:15 second video ad causes at

least 10x the carbon emissions of

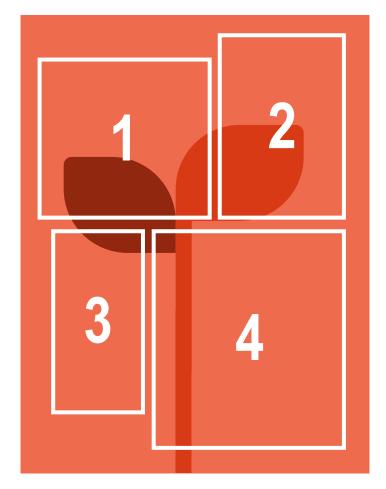
Ad filtering reduces the total number of ads, further reducing waste

Average Carbon Emissions For Tested Pages (gCO₂e)

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<u>High</u>-Clutter Webpages





Implications

