



Programmatic barometer

2023 ANNUAL REVIEW





Why a programmatic barometer?

- 1- Analysing the programmatic market in depth
- 2- Bring more insights to the market, with greater **granularity** and more **regularity**
- 3- Greater clarity for all players in the value chain



Scope of the barometer 19 SSP data sources:

- Adswizz
- AdYouLike
- Amazon TAM
- Criteo
- Equativ
- Freewheel
- Google Ad Manager
- Improve
- Index Exchange

- Magnite DV+
- Mediasquare
- Pubmatic
- OpenX
- Outbrain Partial data
- Teads
- Triplelift
- Triton
- Xandr Monetize
- Yahoo!

- Taboola not included
- Walled garden not included: YouTube, Amazon, etc.



Scope of the barometer

Cohort of régies stable between 2022 and 2023 :

40

Customer services adomik

>1500

Publisher sites and App

TV channels not included in the cohort



- 1. Summary by type of inventory (Display, Video, Native, Audio)
- 2. Analysis by sector
- 3. Analysis by annonceur
- 4. Analysis by **DSP**
- 5. Analysis by **format**
- 6. CPM analysis
- 7. Analysis by **deal type**
- 8. Analysis by environment (web/app)
- 9. Supply path analysis
- 10. Key points



1. 2023 summary





Programmatic Display down and programmatic Native and Audio are growing

Comparison 2023 vs 2022

Summary *



		Investments	CPM	Impressions
Display		-9%	-4%	-5%
Native	~ <u> </u>	+10%	+4%	+6%
Audio	(III)	+58%	+8%	+46%
Video*	(b)	+1%	-14%	+18%

^{*} Programmatic investment excluding TV channels, YouTube, social, search and DOOH - Taboola and Outbrain not included.



A first half marked by a sharp fall in Display, followed by an improvement in the second half

Com	par	ison
2023	VS	2022

Summary by semester*



		Investments S1	CPM S1
Display		-12%	-12%
Native	×	+18%	+21%
Audio		+41%	+3%
Video*	•	-6%	-22%

Investments \$2	CPM S2
-5%	+3%
+3%	-10%
+73%	+13%
+5%	-7%

^{*} Programmatic investment excluding TV channels, YouTube, social, search and DOOH - Taboola and Outbrain not included.



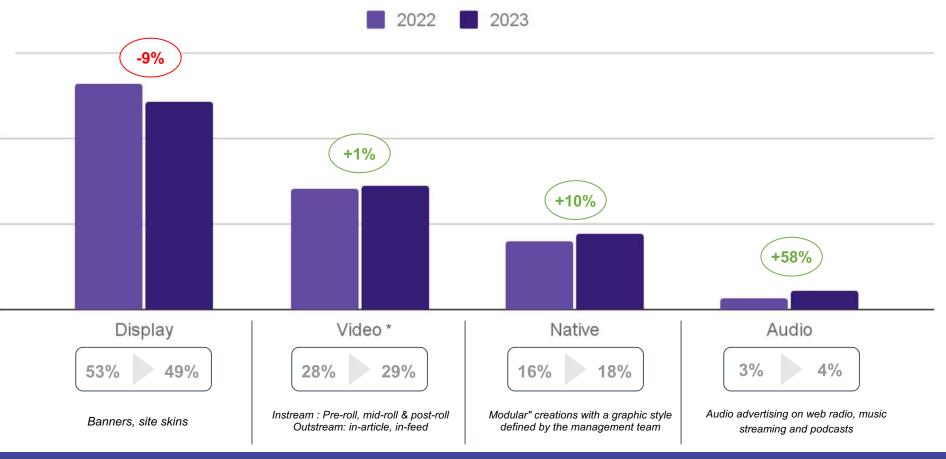


Programmatic Display drops below 50% of investments in the "Barometer" perimeter

Comparison 2023 vs 2022

Investments and share of voice in the Adomik*





^{*} Programmatic investment excluding TV channels, YouTube, social, search and DOOH - Taboola and Outbrain not included.



2. Analysis by sector





Retail (Distribution) & E-Commerce up strongly... Finance, Clothing and CPG in retreat

Investments 2022 **Investments 2023** Retail and E-commerce Retail and E-commerce 20.0% 2023 review 12.5% Automotive and Vehicles 11.9% Automotive and Vehicles Top sectors' 7.2% Travel and Tourism 8.6% Finance share of votes 6.8% Finance 6.9% Travel and Tourism 6.8% Software and IT 6.5% Software and IT 4.9% Apparel and Accessories Apparel and Accessories 5.5% 4.6% Telecom Consumer Packaged Goods (CPG) 4.8% 4.1% Consumer Packaged Goods (CPG) Consumer Electronics 4.7% 3.0% Consumer Electronics Telecom 4.6% 2.5% Beauty Beauty **Energy Supply** 2.3% **Energy Supply** 2.3% 5.0% 10.0% 15.0% 20.0% 25.0% 0.0% 5.0% 10.0% 15.0% 20.0%



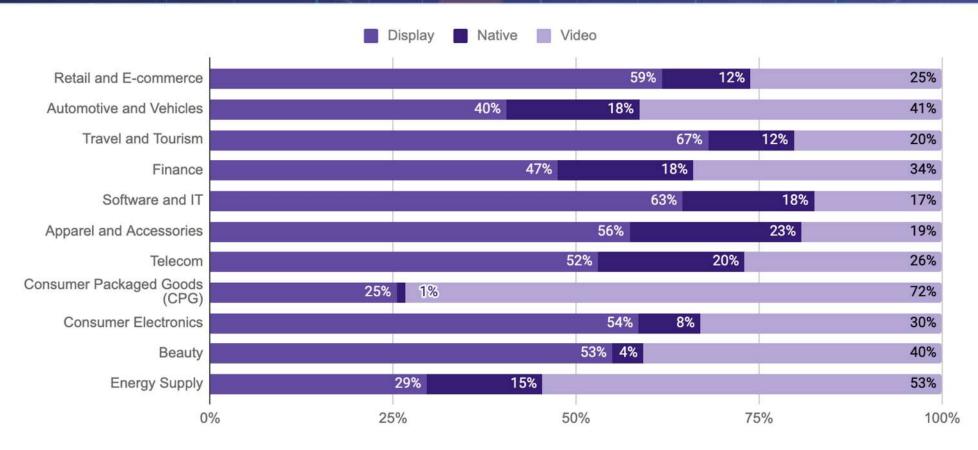


CPG, Automobiles and Energy sectors overinvesting in Video, Apparel in Native

2023 review

Breakdown of share of voice by type of inventory in the top sectors





^{*} The Audio inventory type is not included in this analysis.



3. Analysis by advertiser





Top 15 advertisers accounting for 22% of programmatic investment

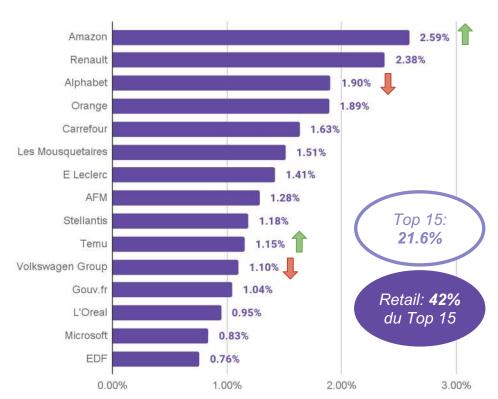
Comparison 2023 vs 2022

Top 15 advertisers*

*Hors AdWords, Unclassified brands and Criteo Brands



Investments 2023





Focus on Temu

Comparison 2023 vs 2022

Temu





in 2022

#10 ()

in 2023

Purchasing starts in May

#1()

in January 2024

6% of programmatic volumes

#2 in January 24



#2 in January 24



#6 in January 24



••

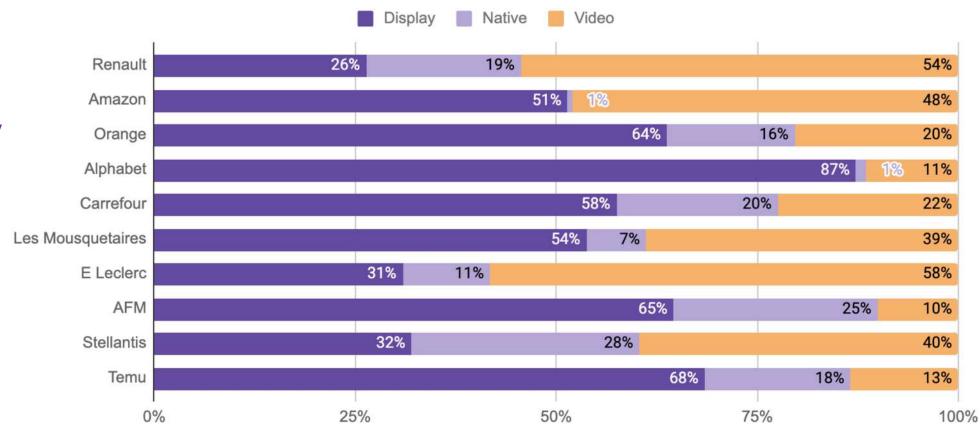


Top advertisers communicating in different ways on the 3* main types of inventory

Focus 2023

Breakdown of share of voice by type of inventory in the Top 10 advertisers





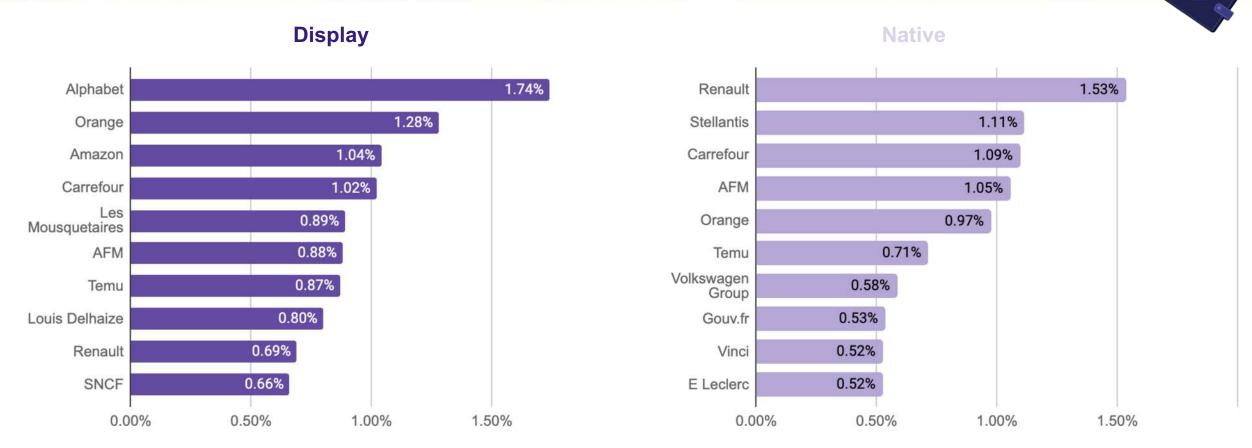
^{*} The Audio inventory type is not included in this analysis.



Top advertisers by type of inventory*

Focus 2023

Top 10 brands by type of inventory



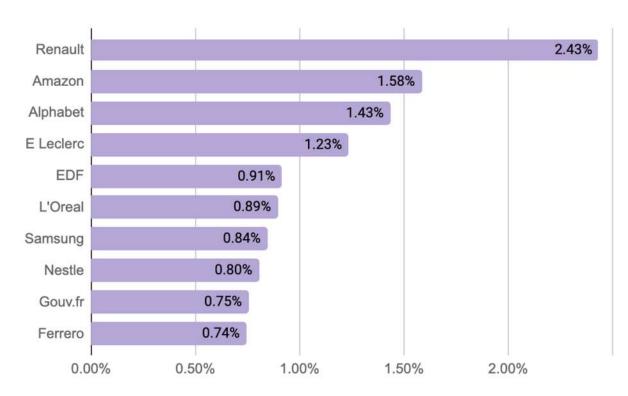


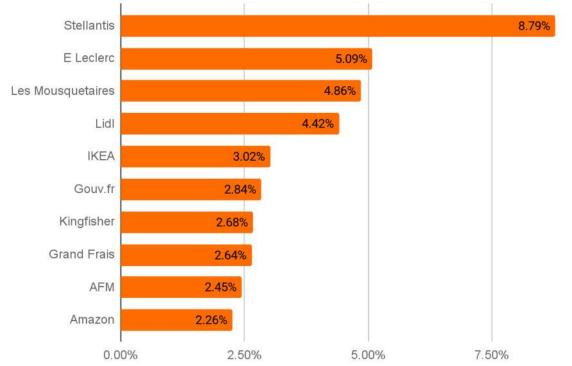
Top advertisers by type of inventory*

Focus 2023

Top 10 brands by type of inventory









Entry/exit balance for the top 100 advertisers

Comparison 2023 vs 2022

Major changes among top advertisers

New entrants 2023*



Top 50

Temu Louis Delhaize Shein Vinci Lego

Top 100

General Mills
Tata motors
Poltronesofa
Intersport
Paramount Global
Burger King
Mars

Outgoing brands in the 2022 Tops ****

Top 50

Samsung
Richemont
P&G
Sofinco
Airbnb
Cdiscount
Lidl

Top 100

Dell
STIHL
Mondelez
Paypal
Armani
Groupama
Bosch
Lenovo
Maisons du monde

^{*} Advertisers entering or leaving the Top 100 in 2023 with significant growth/decrease in investment



4. Analysis by DSP





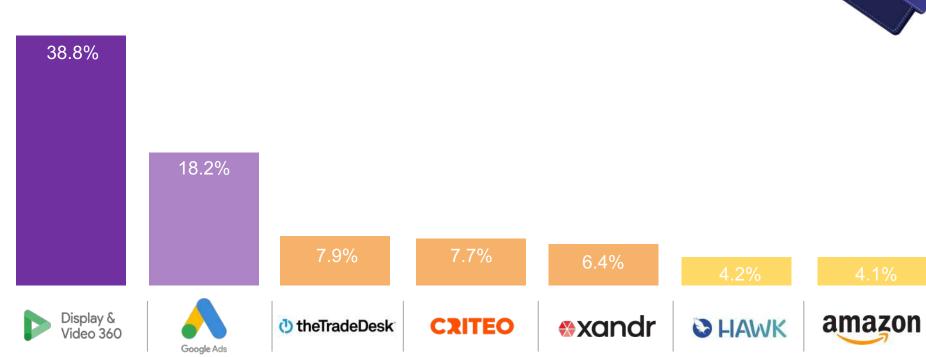
7 major players in the market



2023

Top 7 DSPs

Share of investments* (%)



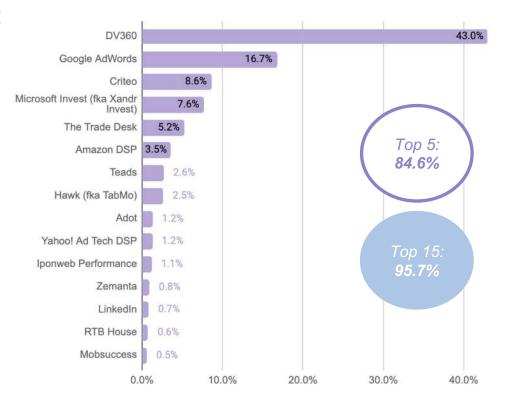


The evolving DSP market

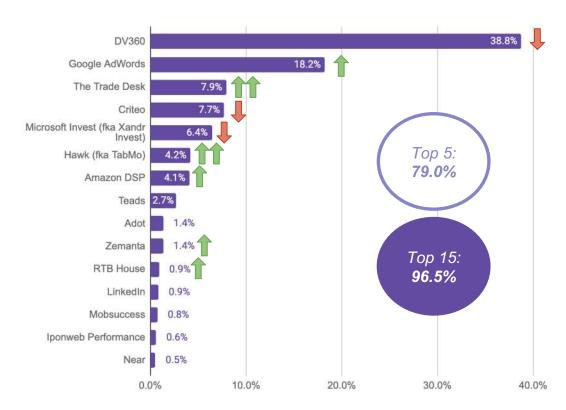
Comparison 2023 vs 2022

Top 15 DSP*

Investments 2022

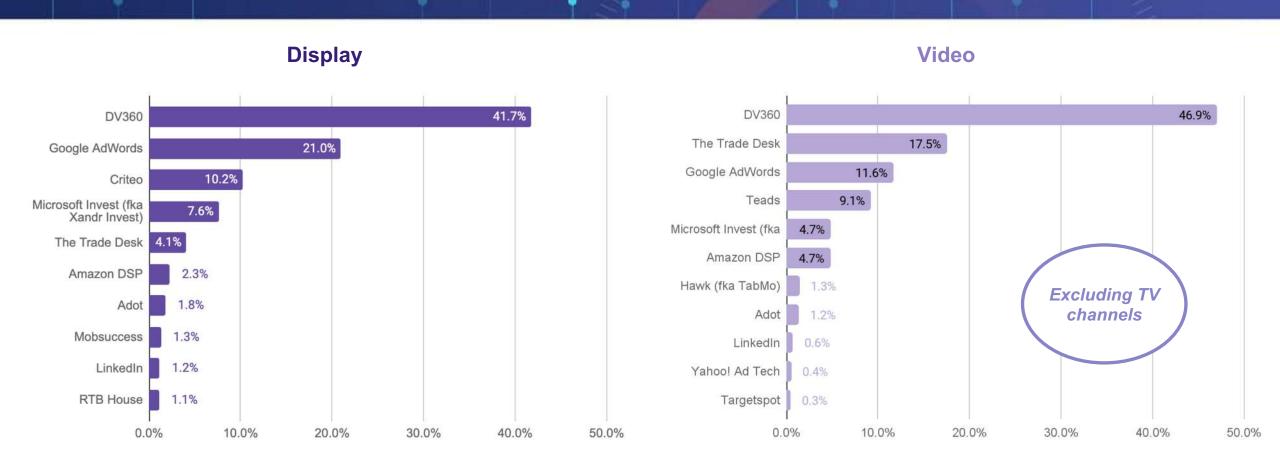


Investments 2023



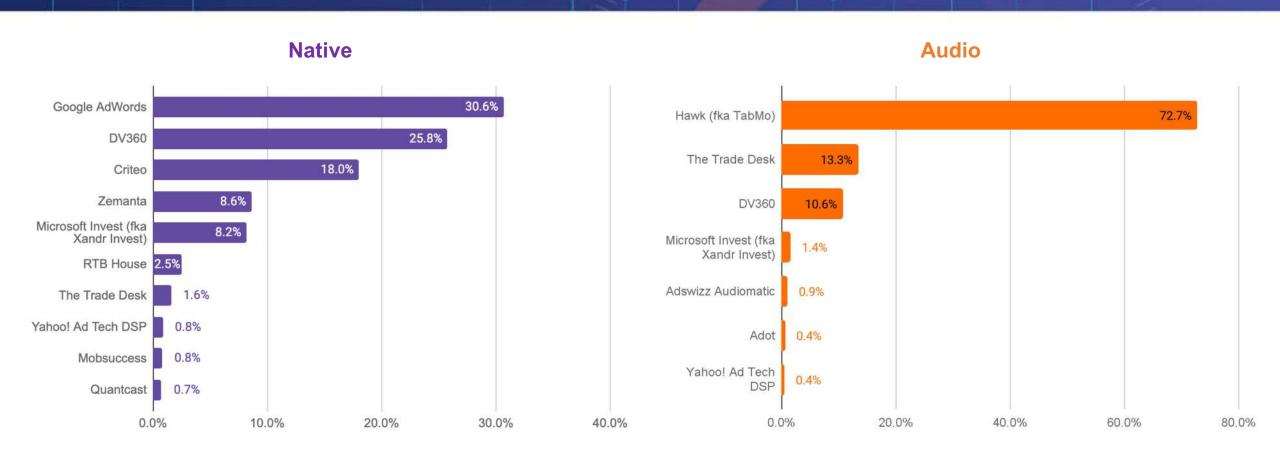


Top DSPs by type of inventory (1/2)





Top DSPs by type of inventory (2/2)





5. Analysis by format



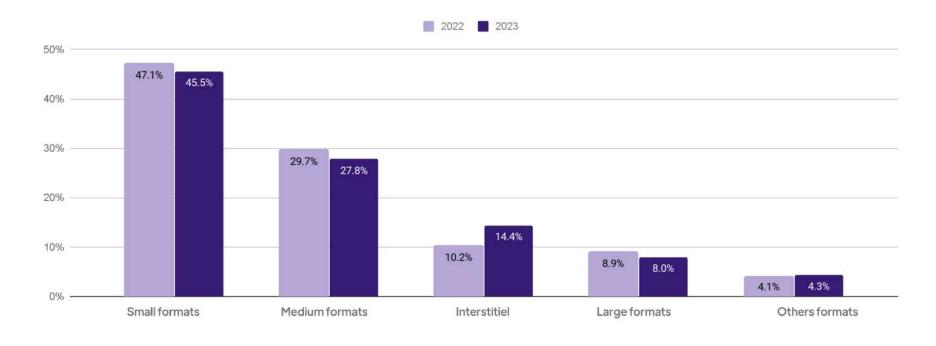




Display still dominated by Small and Medium formats... but losing ground to Interstitials

Focus Display 2023

Investments by IAB format



Small formats: 728x90 Megabanner, 300x250 Pavé, 120x600 Skyscraper, 160x600 Megaskyscraper, Mobile Banners, Footer and similar sizes **Medium formats:** Wide Angle 300x600, GigaBanner 1000x90 and similar sizes

Large formats: Billboard 970x250, Masthead 1000x300, Cladding 1800x1000 and similar sizes Interstitiel: Mobile Interstitiels et Web Interstitiels

Other formats: Any other format that can be marketed

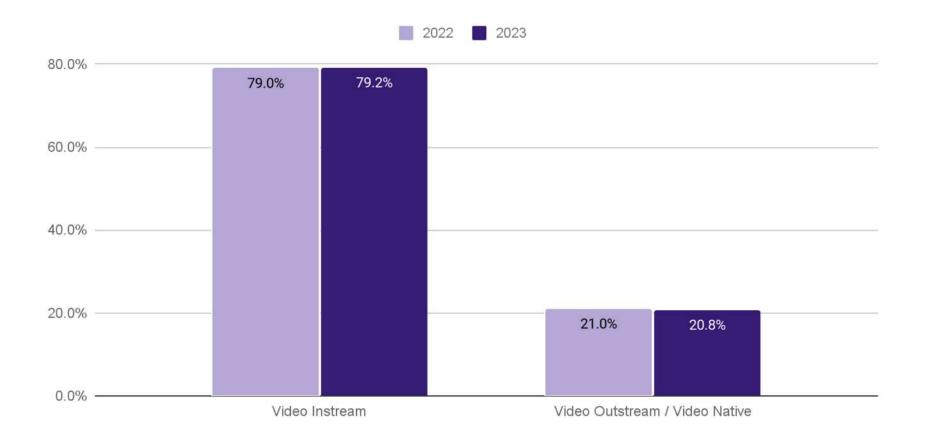


Video Instream and Outstream break even

Focus Video 2023

Investments by IAB format







6. CPM analysis



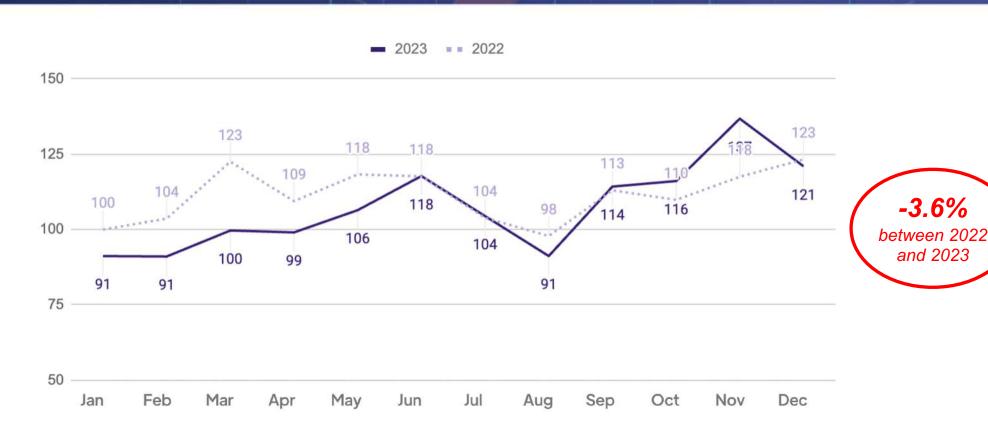


Display CPMs down...

Comparison 2023 vs 2022

CPM* growth per month Display





^{*} CPM net publisher, excluding SSP/DSP and Data costs and excluding consultancy or intermediary fees



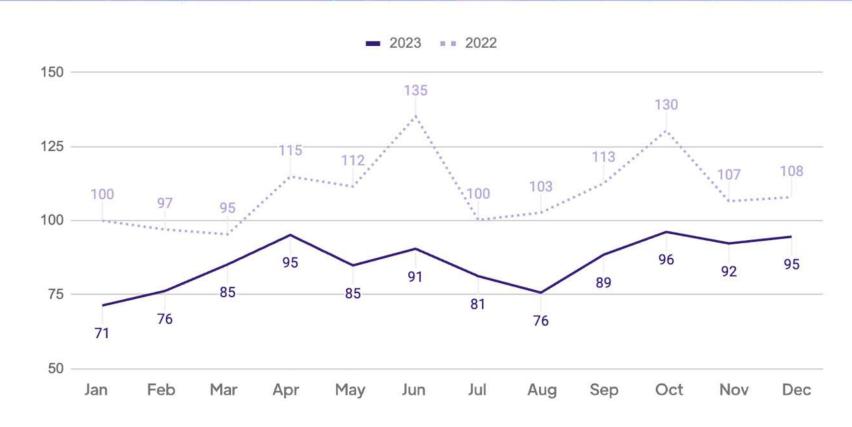


A sharp fall in CPMs for Video outstream

Comparison 2023 vs 2022

CPM* growth per month Video Outstream





-20.8% between 2022 and 2023

^{*} CPM net publisher, excluding SSP/DSP and Data costs and excluding consultancy or intermediary fees





Native CPMs up slightly

Comparison 2023 vs 2022

CPM* growth per month Native





^{*} CPM net publisher, excluding SSP/DSP and Data costs and excluding consultancy or intermediary fees

+3.5% e

between 2022

and 2023





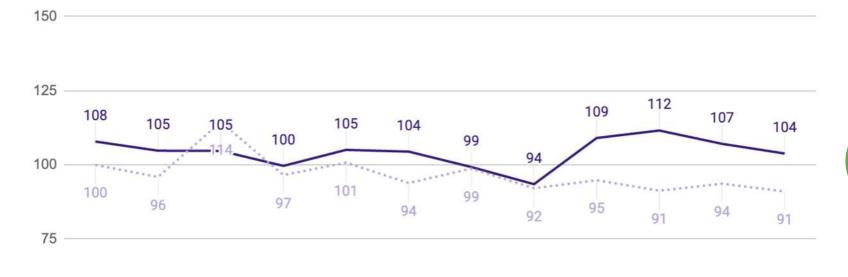
Audio CPMs up (relative to volume growth)

= = 2022

Comparison 2023 vs 2022

CPM* growth per month Audio





2023



^{*} CPM net publisher, excluding SSP/DSP and Data costs and excluding consultancy or intermediary fees

between 2022 and 2023

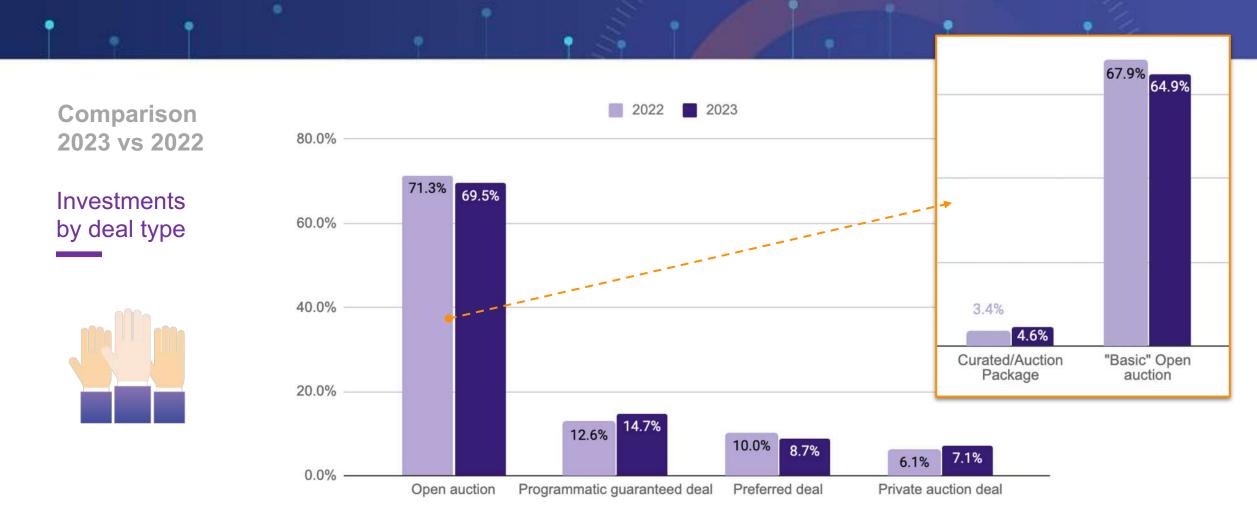


7. Analysis by deal type





Open Auction down despite curation, Guaranteed Programmatic Advertising continues to grow





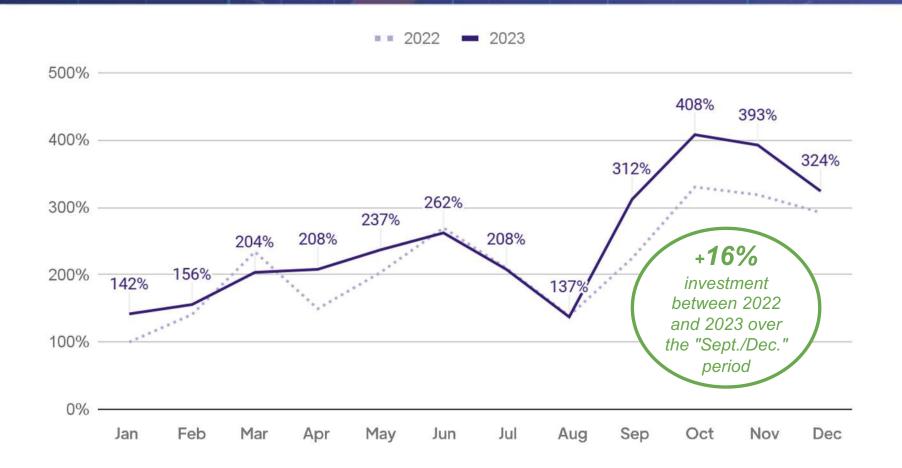


Guaranteed Programmatic Advertising continues to grow with a strong Q4

January 2022 Evolution since

PG share of vote by month







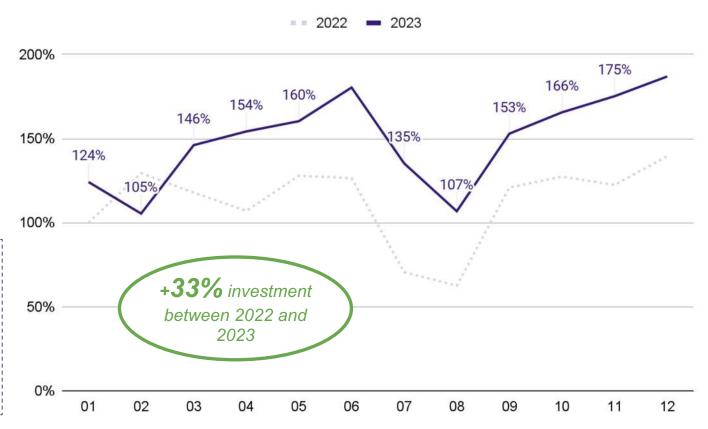
Focus Curated Marketplaces: Further increase in investment in Curated Marketplaces

Evolution from 2022 to 2023

Share of investment in Curated Marketplaces* (%)

Definition:

Multi-publisher deals pushed to one or more **buyers**, created without the intervention of the **publisher**, **at the initiative** of:-the **SSP- a third-party curator**.



8 SSPs identified as active in 2023:



^{*} Study carried out on a cohort of 11 French public utilities.



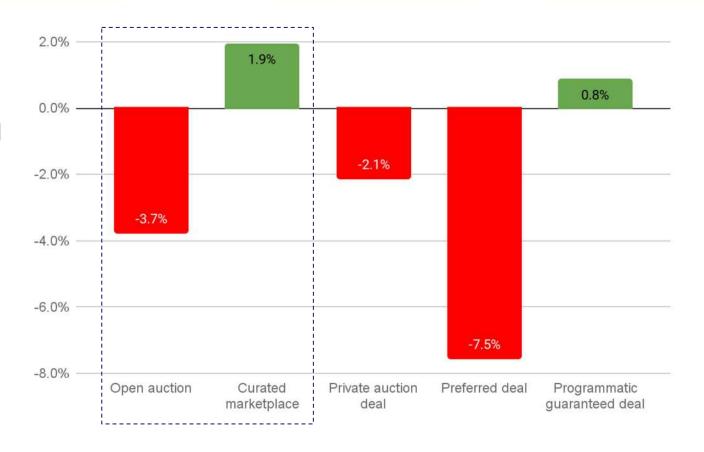


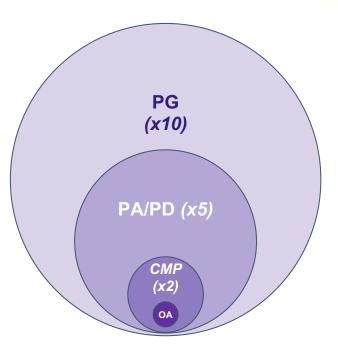
CPMs for Guaranteed Programmatic and Curated Marketplaces resist the downturn

Evolution 2023 vs 2022

Evolution CPM par type de deal







Relative value of Deal CPMs compared with Open Auctions



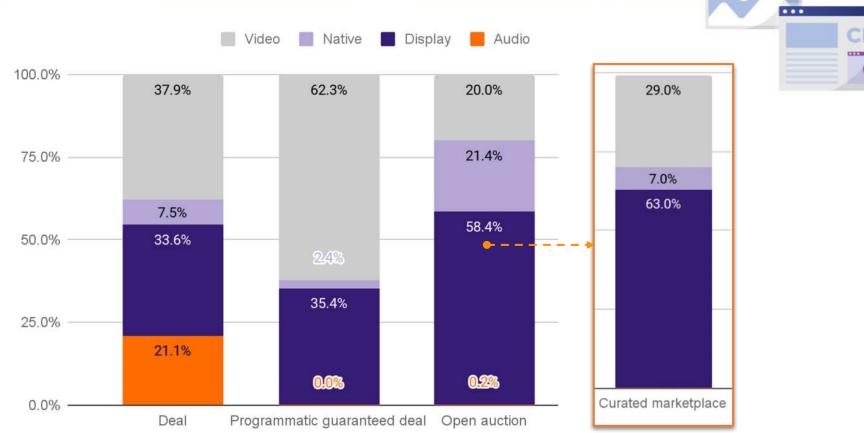


Guaranteed Programmatic investments dominate Video, Deals very evenly balanced

Focus 2023

Deal type by inventory type





^{*} Le type de deal "Deal" cumule les Private auction et Preferred deals

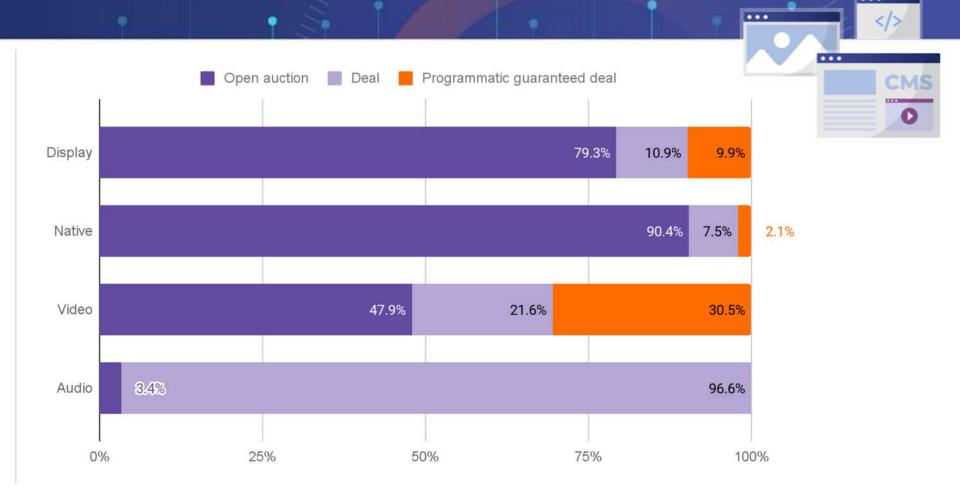


Display and Native largely sold in Open Auctions... Audio almost exclusively in Deals

Focus 2023

Type of inventory by type of deal





^{*} Le type de deal "Deal" cumule les Private auction et Preferred deals

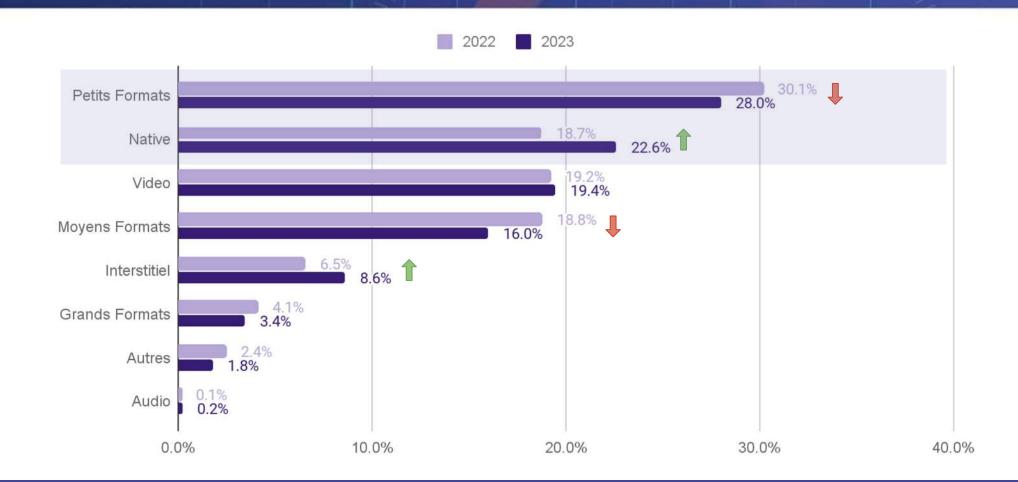


Focus Open Auction: Open auction still dominated by Small Formats, but declining in 2023 in favour of Native and Interstitials

Comparison 2023 vs 2022

Investments by deal type by format : **Open Auction**





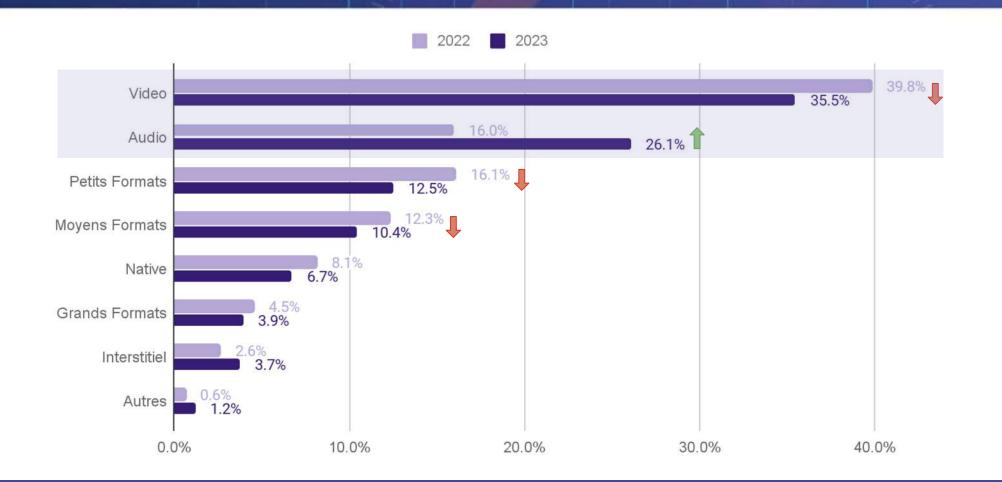


Focus on Preferred deals and Private auctions: Video is the leading format for Private auctions and Preferred deals, Audio is growing strongly

Comparison 2023 vs 2022

Investments
by deal type by
format: Private
Auction /
Preferred Deal

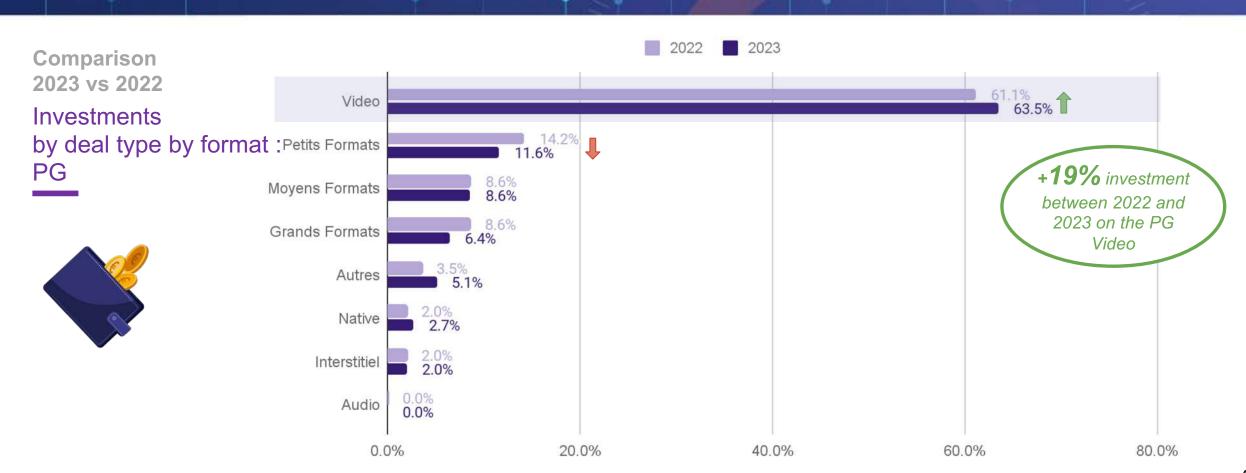








Focus on Guaranteed Programmatic Media: Video continues to grow in 2023





8. Analysis by environment



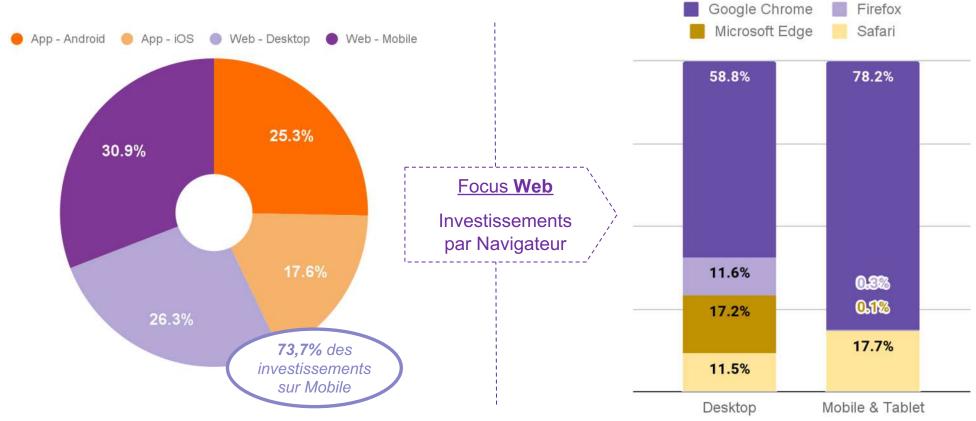


More than half the investment on the Web - Google Chrome and Safari the browsers that capture most of it

2023 summary

Investments per Web / App* environment





^{*} Data collected on a subset of the cohort that is 'compatible' with the information sought.

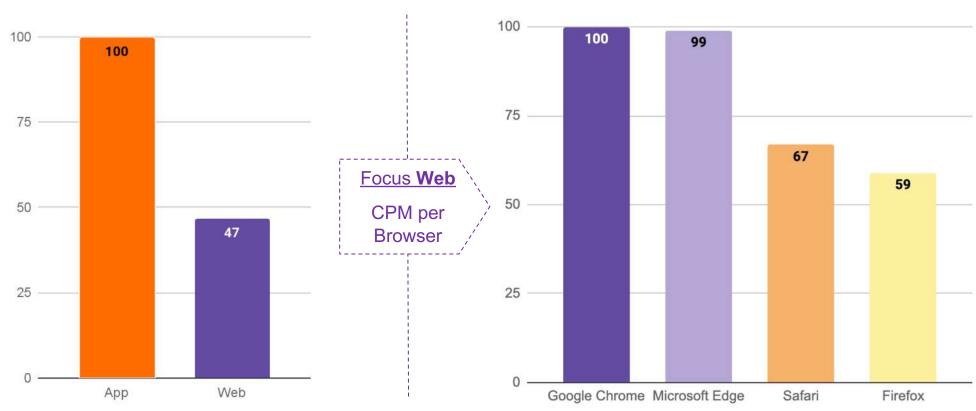


CPM for Apps 2 times higher than for the Web

Summary 2023

CPM* by environment





^{*} CPM net publisher, excluding SSP/DSP and Data costs and excluding consultancy or intermediary fees

^{**} Data collected on a subset of the cohort "compatible" with the information sought



9. Analysis by supply path







The 3 main access routes to publishers' inventory, excluding Ad Servers and primary SSPs

DIRECT INTEGRATION OF DEMAND SOURCES ON PREBID HEADER WEBSITES AND APPS USING OPEN SOURCE **BIDDING TECHNOLOGY** INTEGRATION OF REQUEST SOURCES WITH **GOOGLE OPEN GOOGLE AD MANAGER, VIA A "SERVER TO BIDDING** SERVER" CONNECTION INTEGRATION OF DEMAND SOURCES INTO AN **AMAZON PUBLISHER** AMAZON SOLUTION IMPLEMENTED ON SERVICE TRANSPARENT AD **WEBSITES AND APPS MARKETPLACE (TAM)**





Decline in Header Bidding and growth in Server Side at the expense of Client Side





Prebid is the solution most used by advertising agencies, ahead of Open Bidding and Amazon TAM



Summary at the end of 2023

Number of SSPs and "Header Bidding" integrations per advertising network*.



	Prebid	Open Bidding	Amazon TAM
Header bidding solutions usage rate by region	100%	85%	60%
Taux d'utilisation des solutions de header bidding par région	7	5	4
Maximum number of SSPs and Ad networks per Header Bidding solution	16	11	17





10. Key points





Key points to remember

- 1. Further deterioration in programmatic investment in **Display (-9%)**, with **CPMs falling by 4%**, continuing a downward trend since 2021
- 2. The balance between **Instream** and **Outstream** Video remains unchanged, with a sharp **decline** in Outstream **CPM** (-21%)
- 3. Native advertising up by 10%, with a very strong H1
- 4. Programmatic audio still enjoying strong growth (+58%), driven by the increase in impression volumes
- 5. The Retail sector, which is increasing its programmatic investment (24%) compared with other sectors,
- 6. with 6 advertisers in the Top 15
- 7. 13% growth in investment in Guaranteed Programmatic Advertising, which is cannibalising Preferred Deals, with a strong concentration on the Video format Open Auction down 7% (excluding Curation)
- 8. Investments relatively balanced between Web and App, at **57% and 43%** respectively, with **App CPM twice** that of the Web