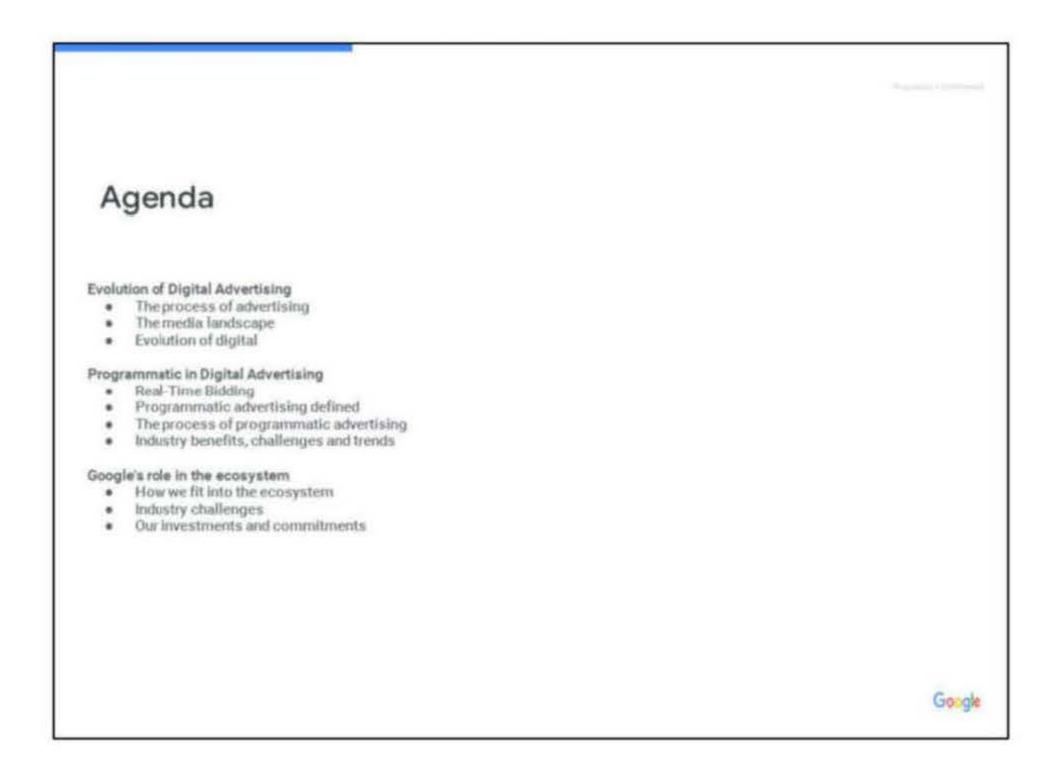
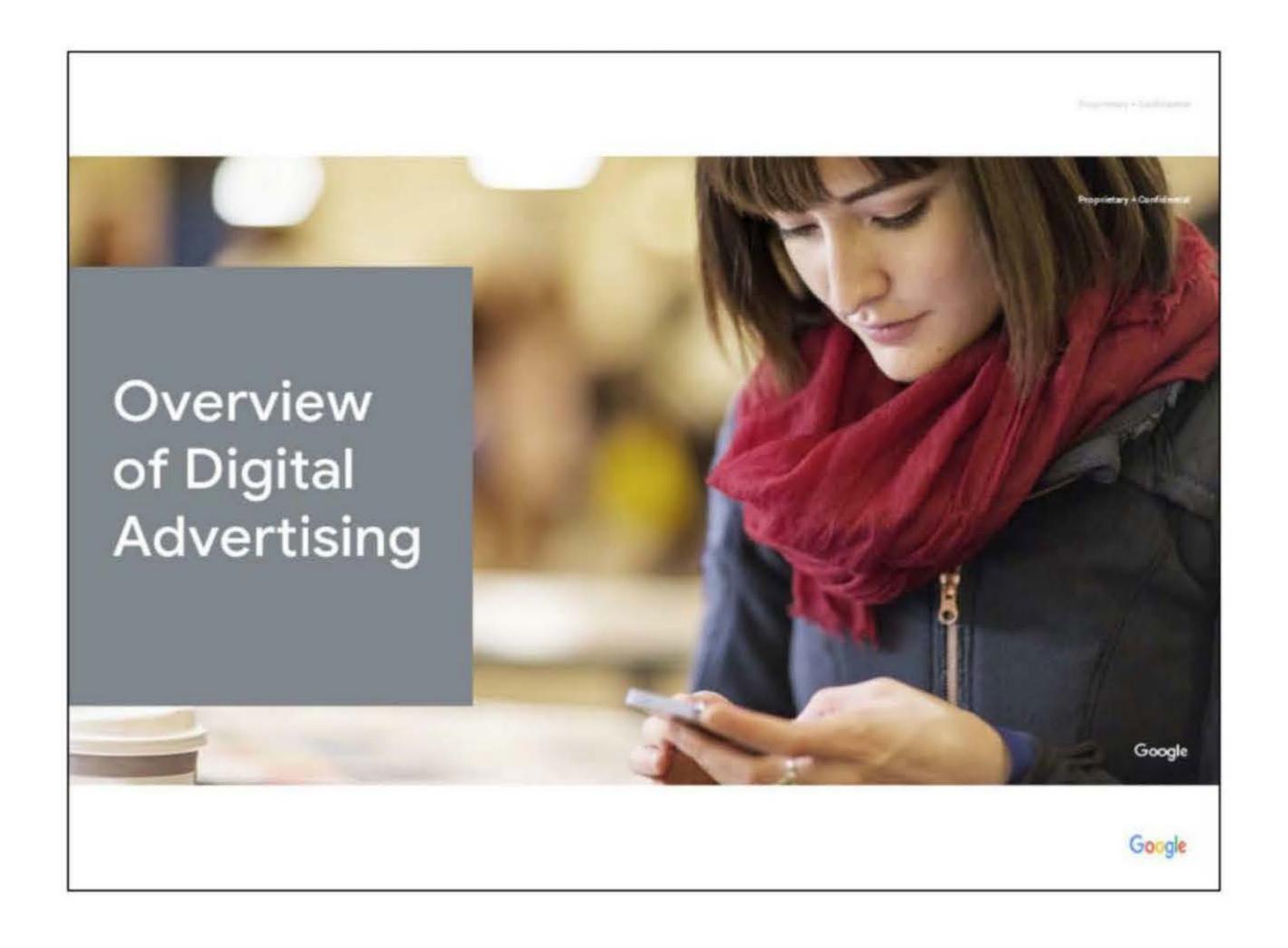


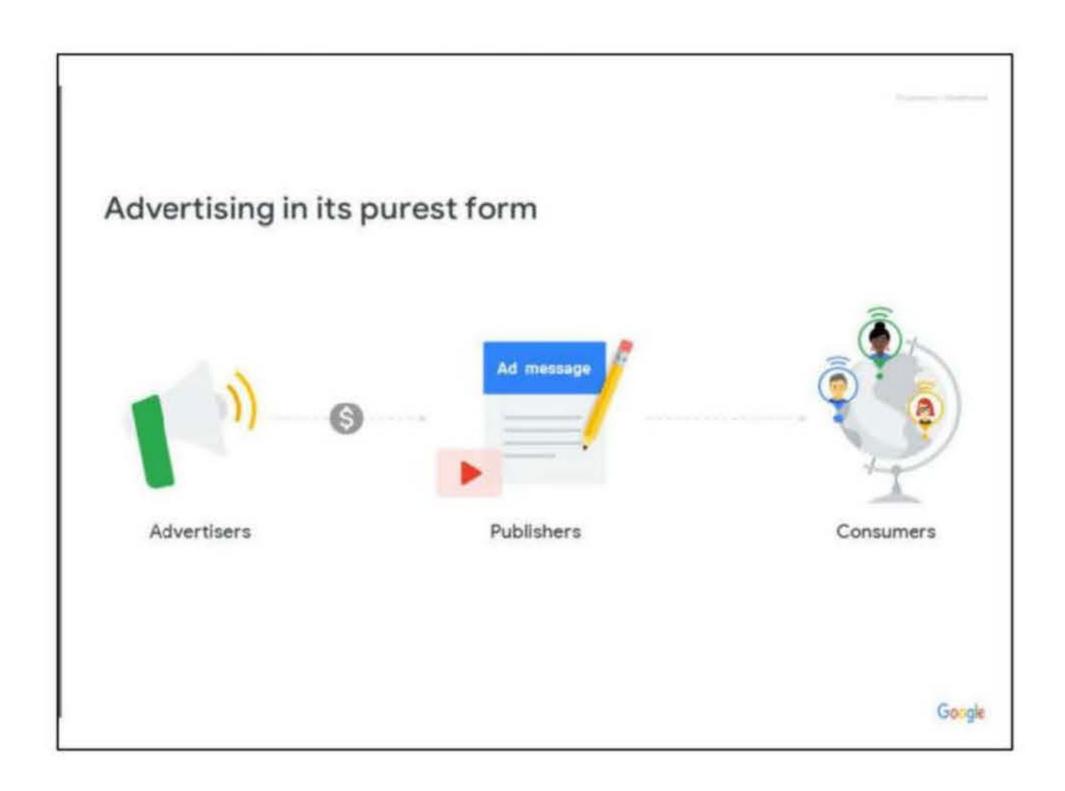
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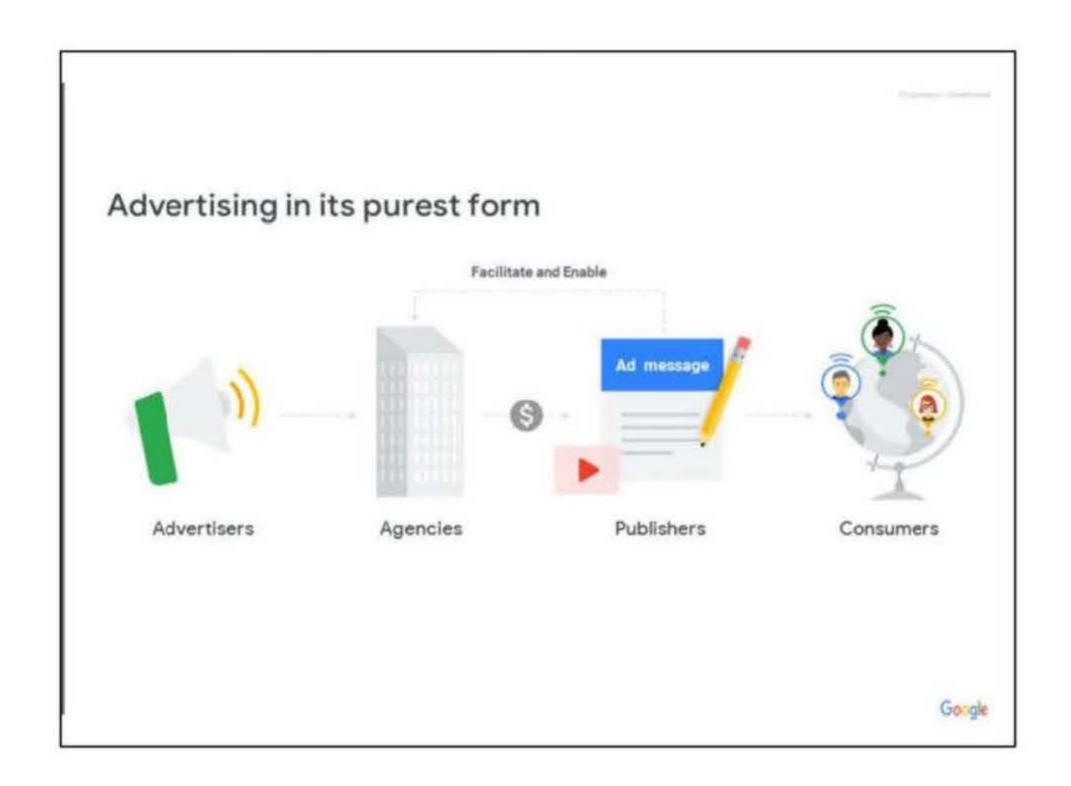
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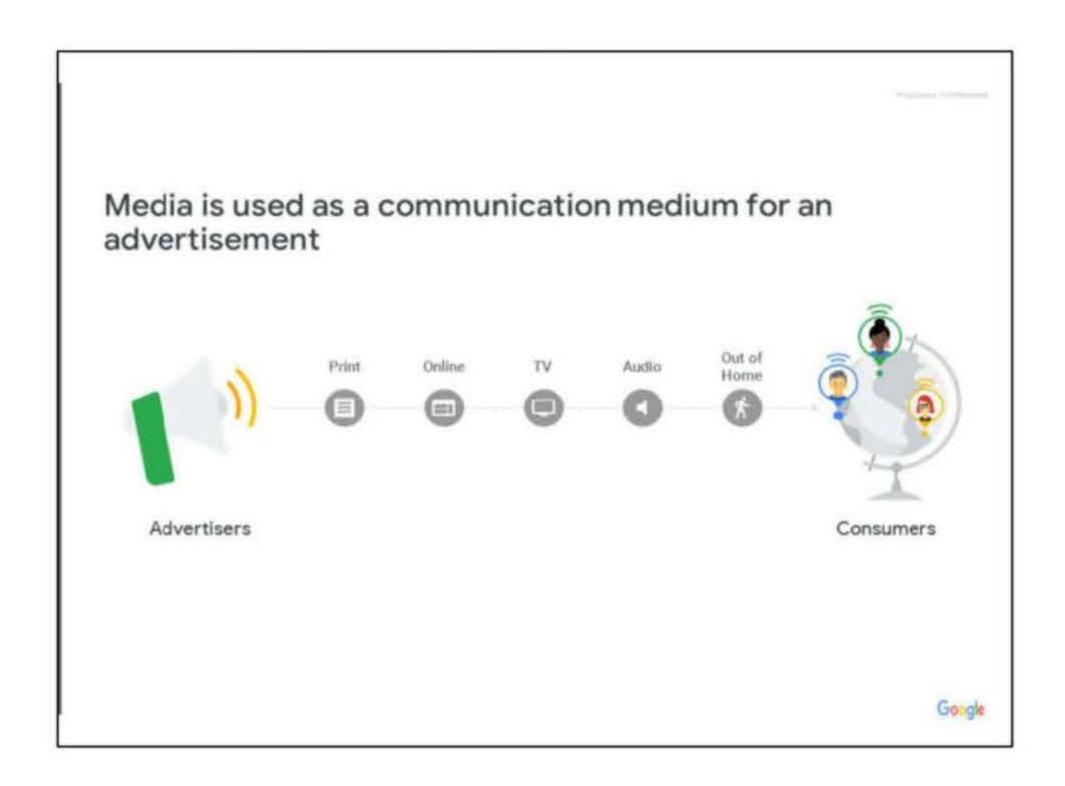


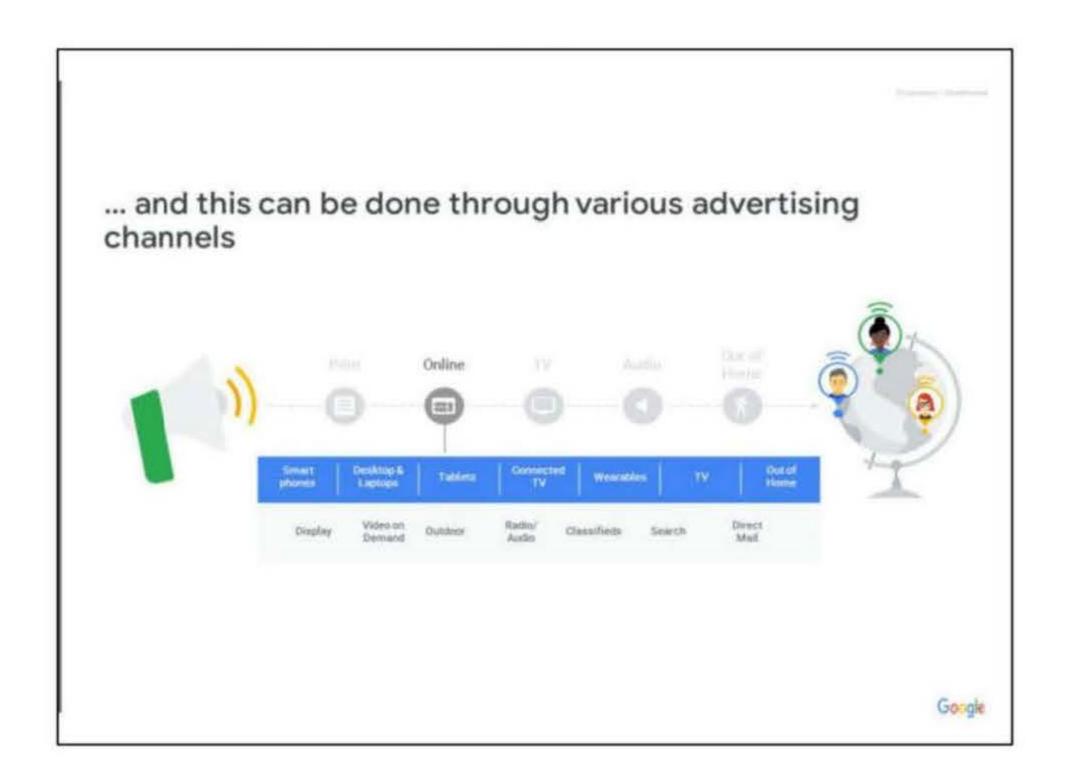


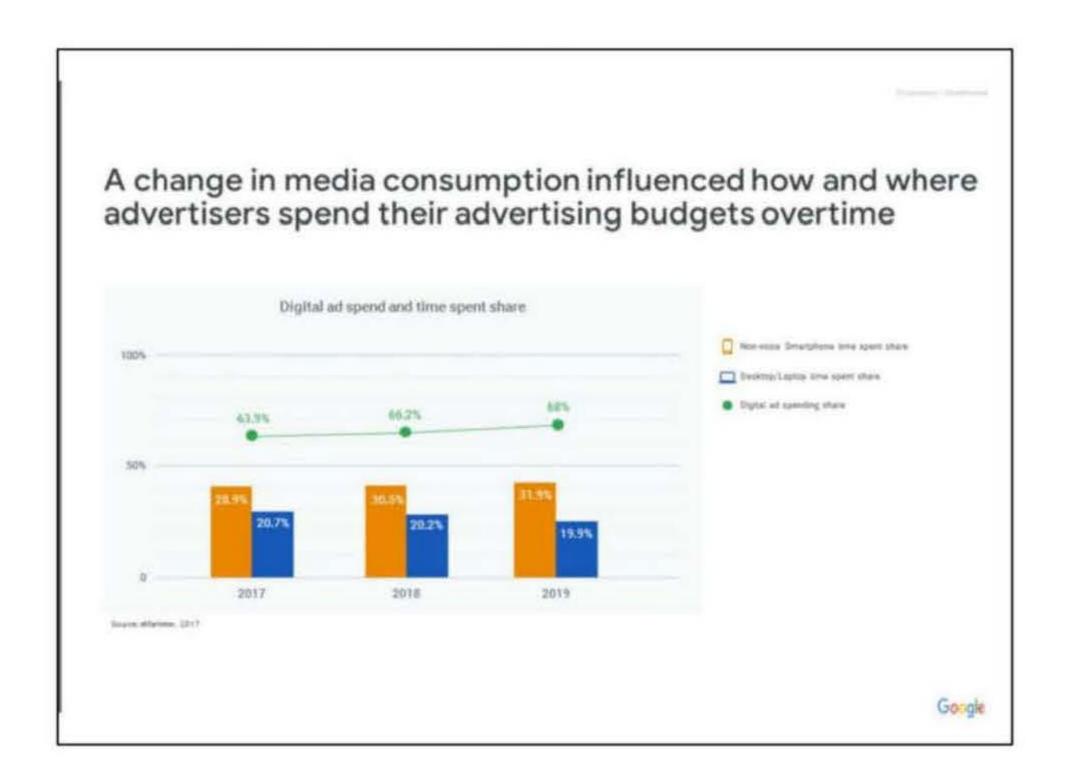






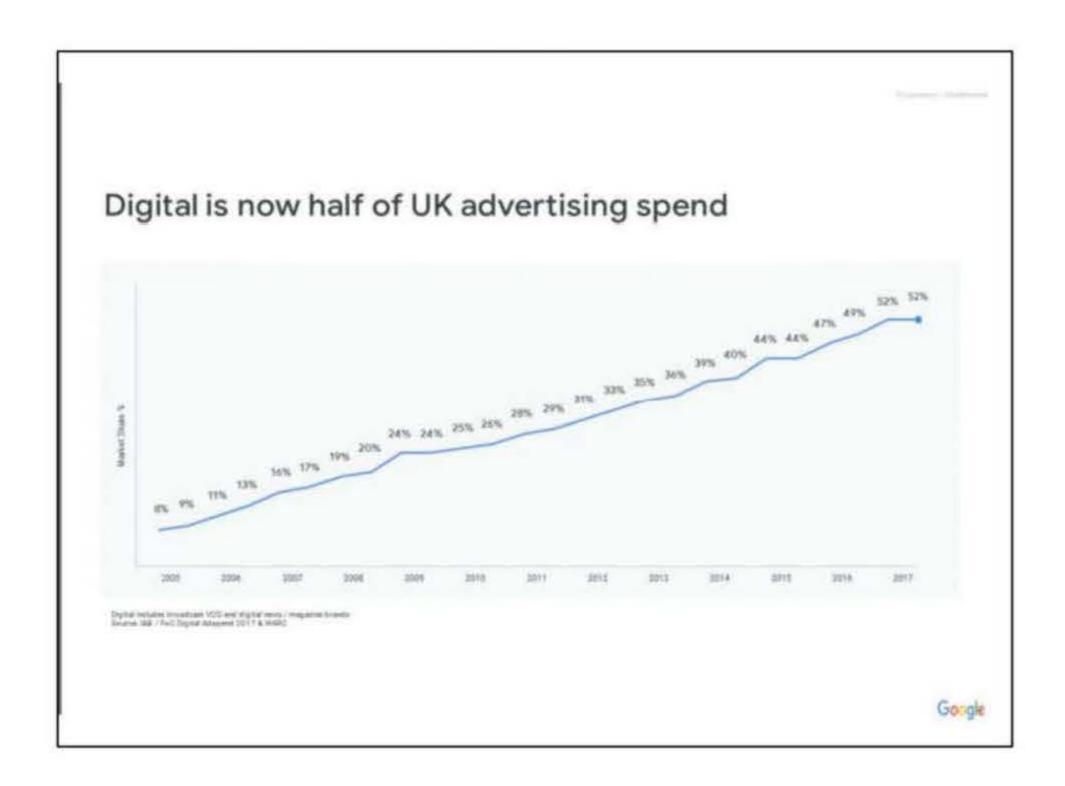


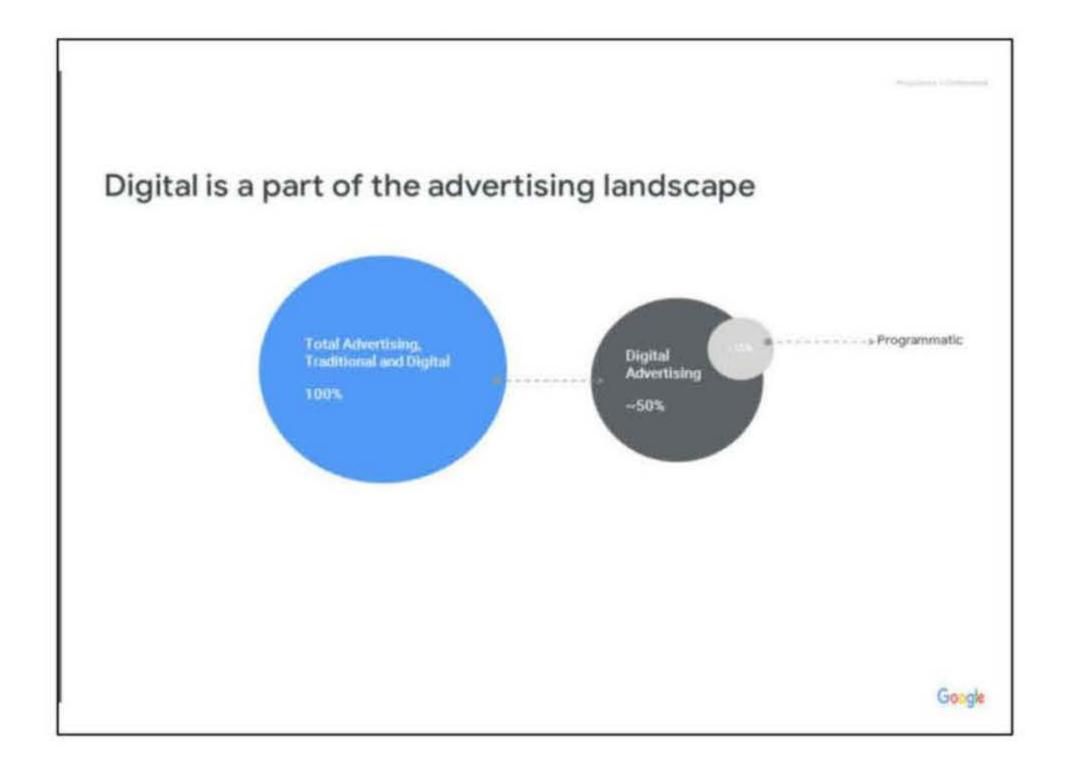






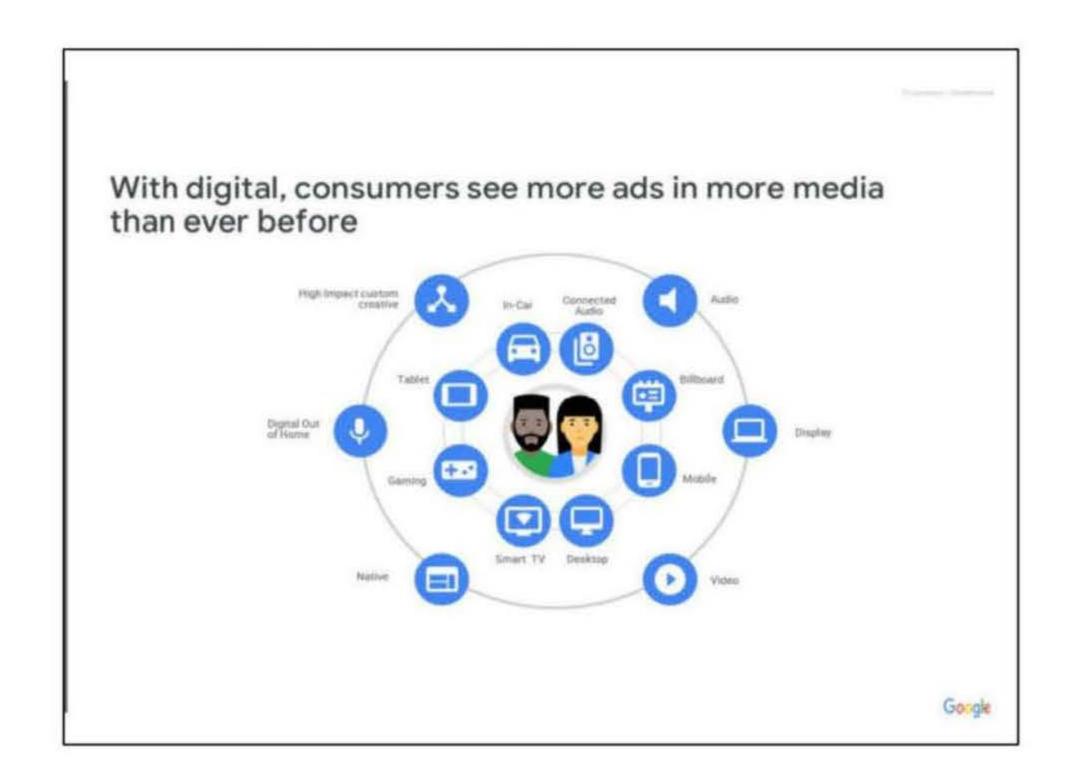
Source: https://www.slideshare.net/wearesocial/digital-in-2018-in-the-united-kingdom-86861467

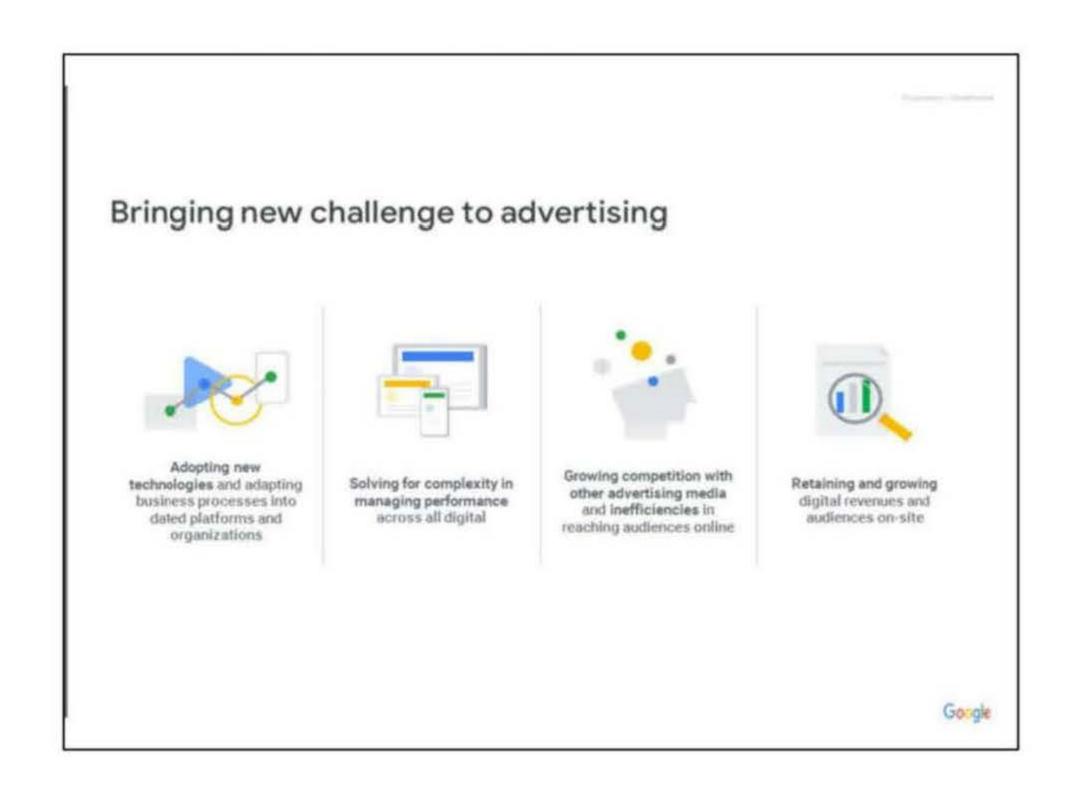


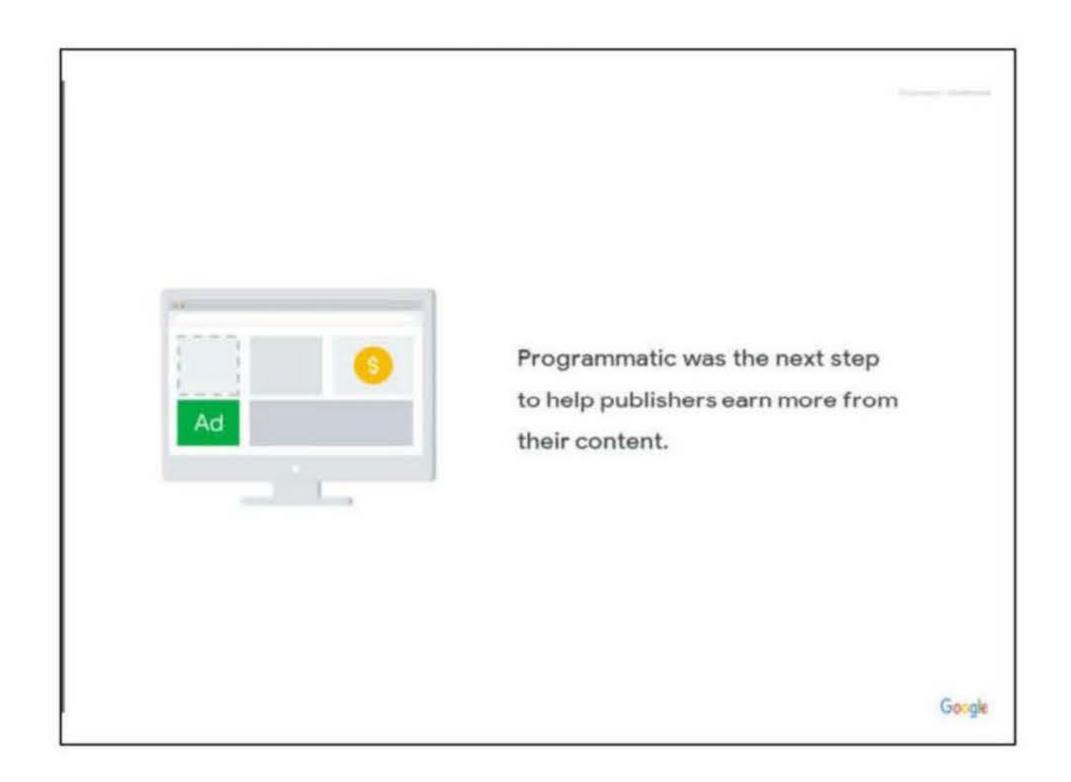


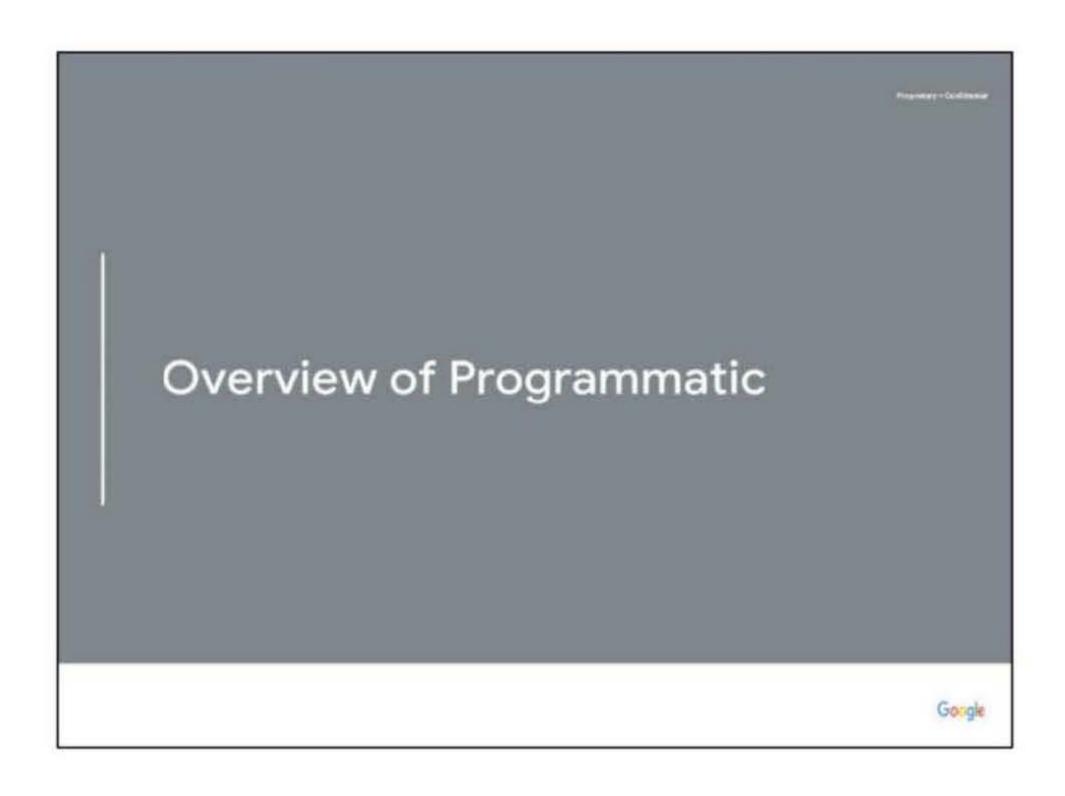
Total ad: 18.8b, 100% Digital: 11m, 50%

Programamtic: 15-18% 3.3b











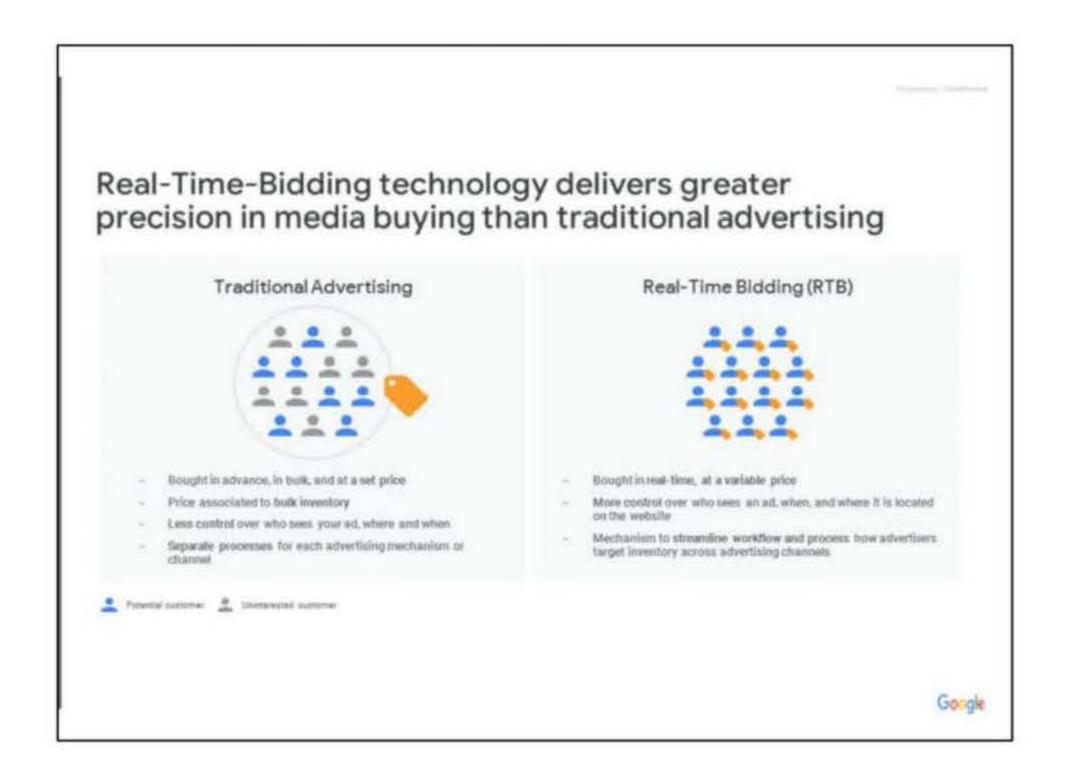


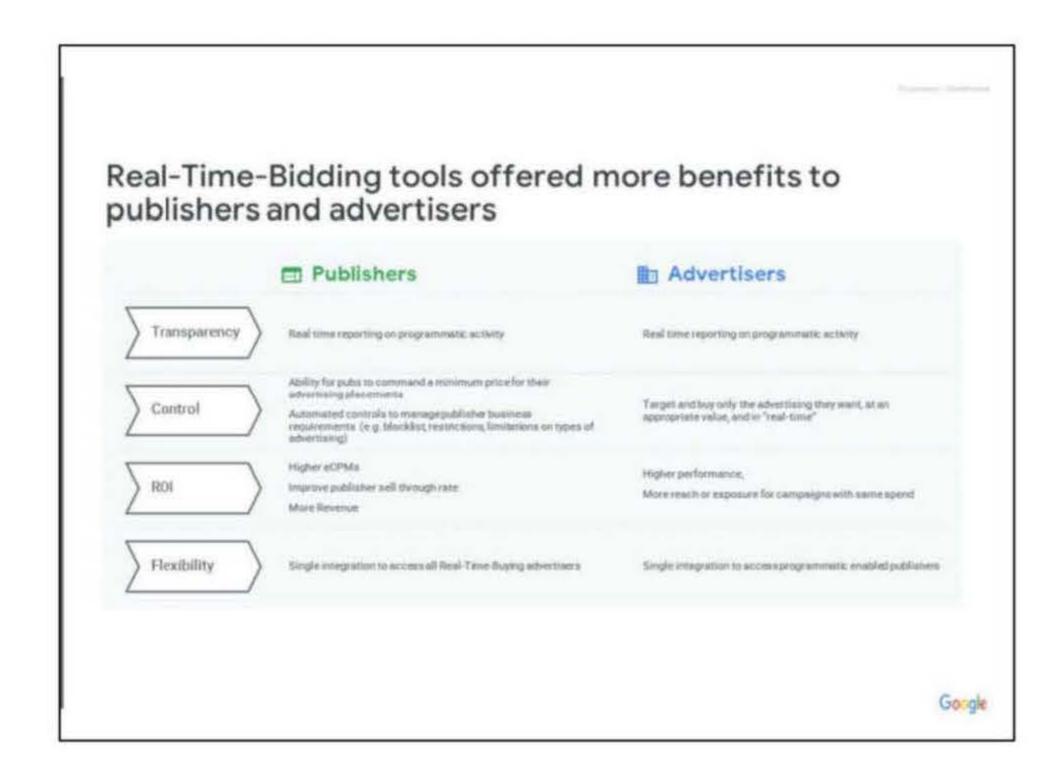
Real-Time Bidding introduced us to automation

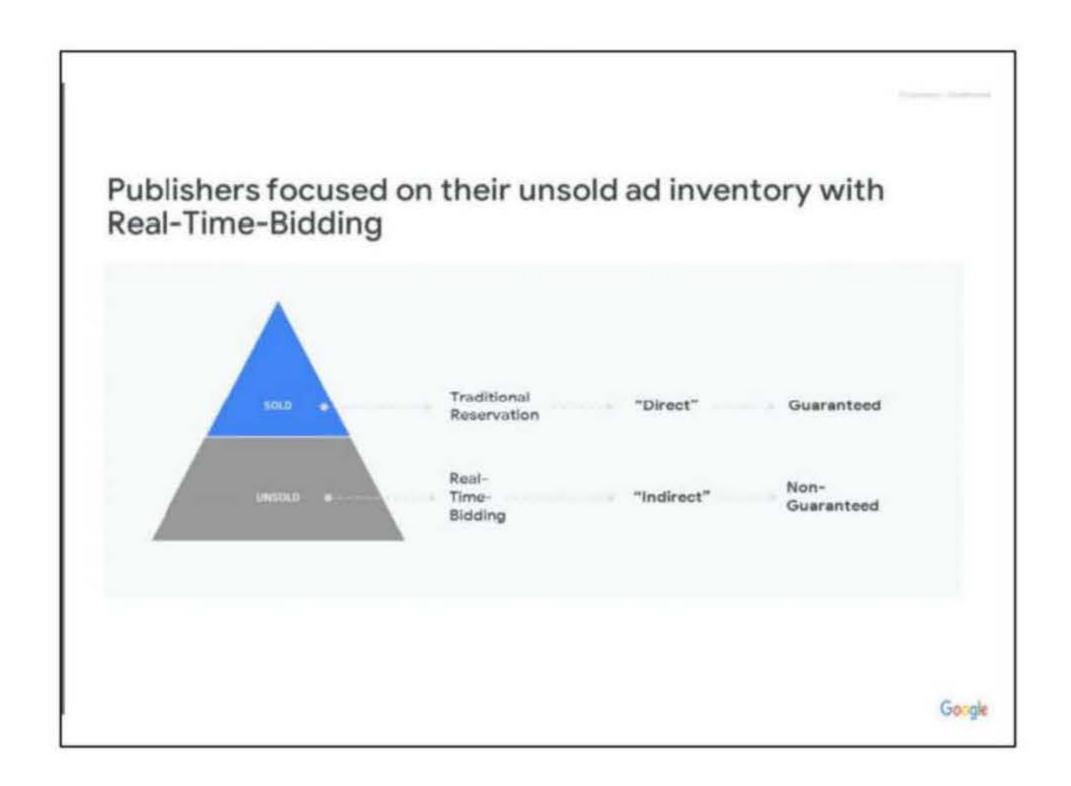


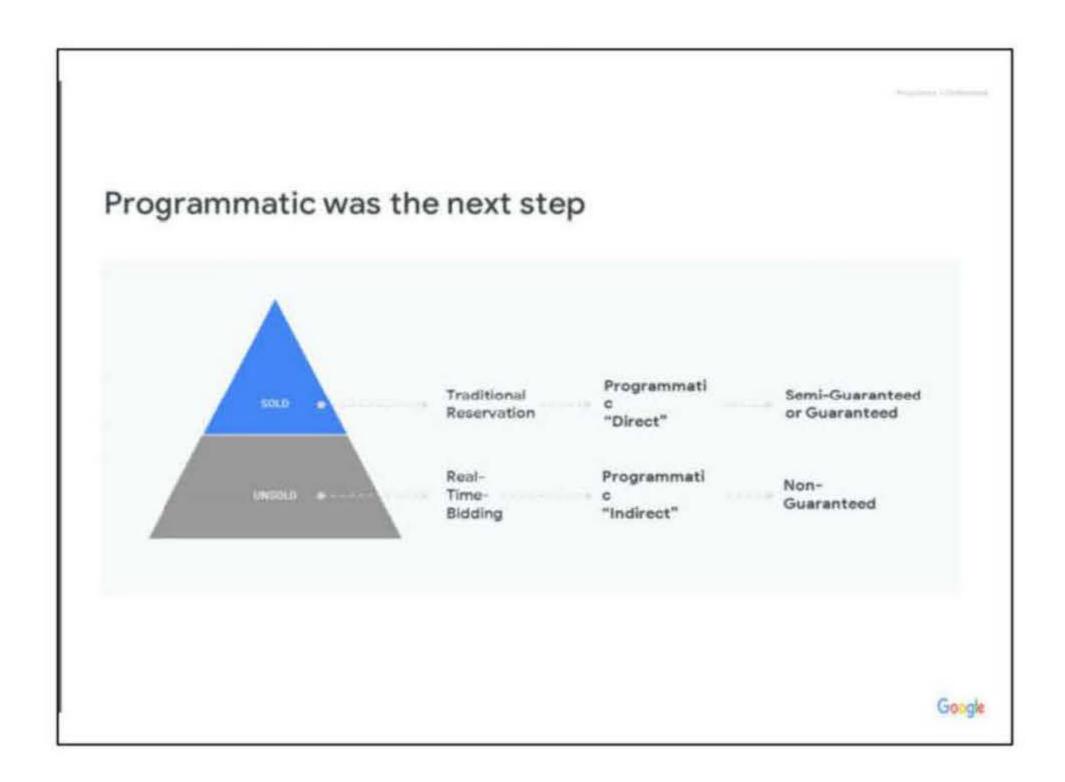
Real-time bidding (RTB) refers to the buying and selling of online media through real-time auctions.

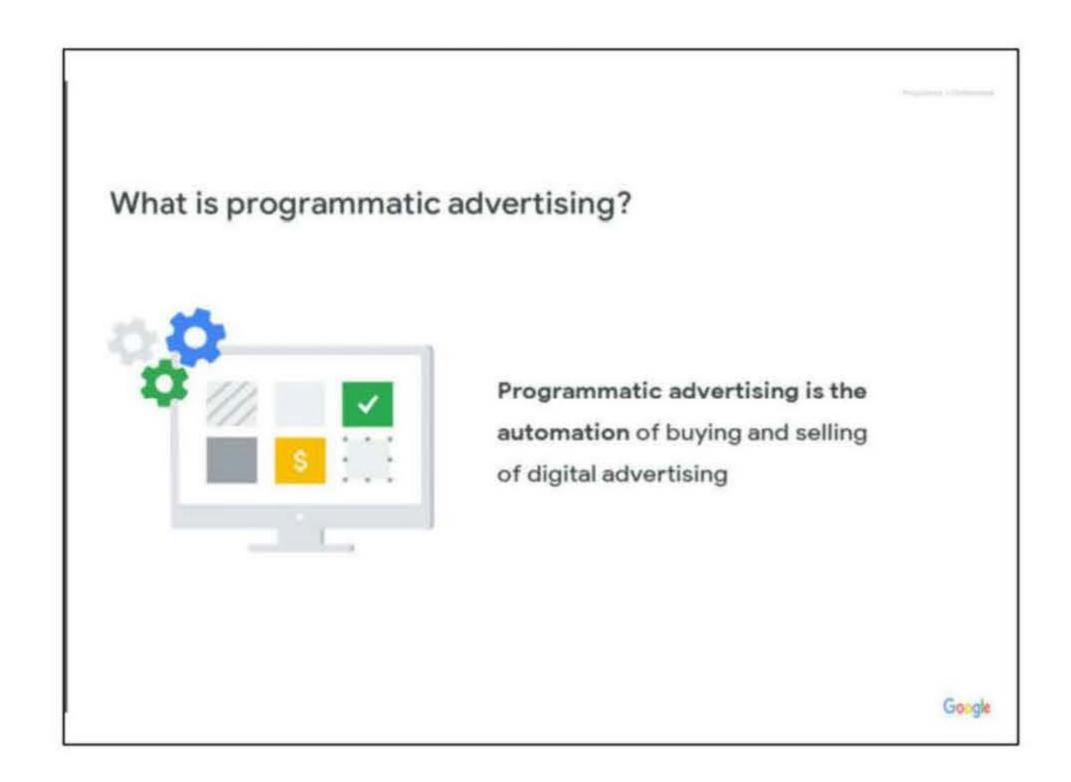
Google

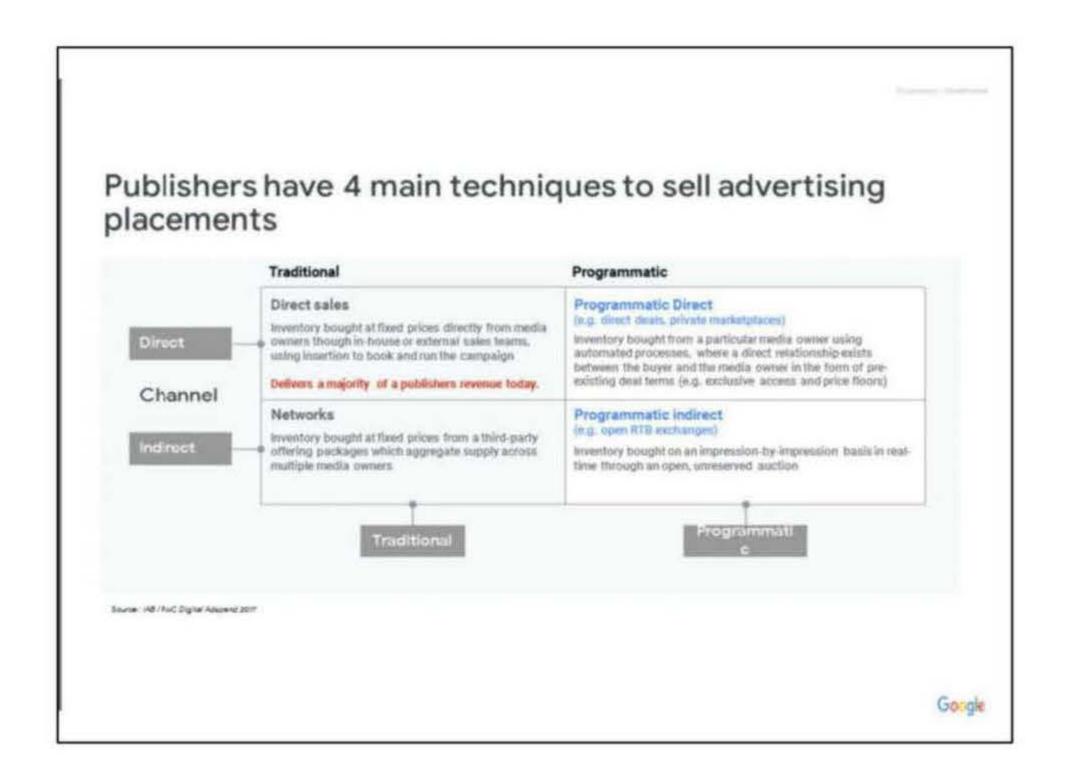


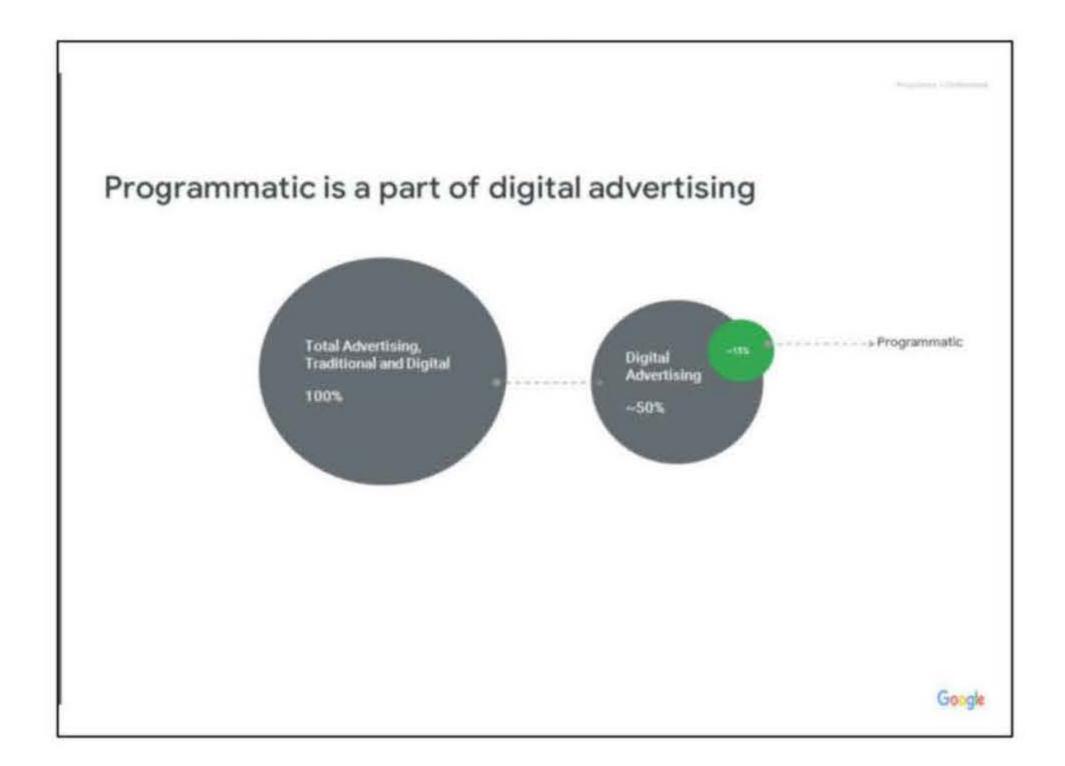






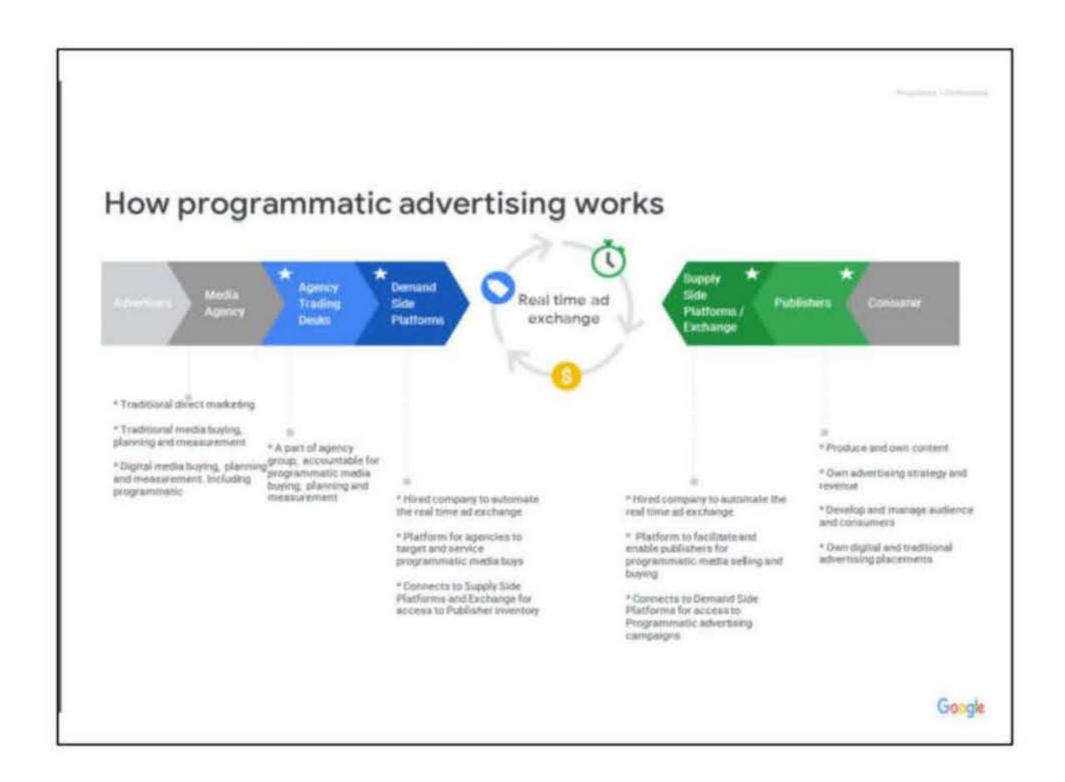


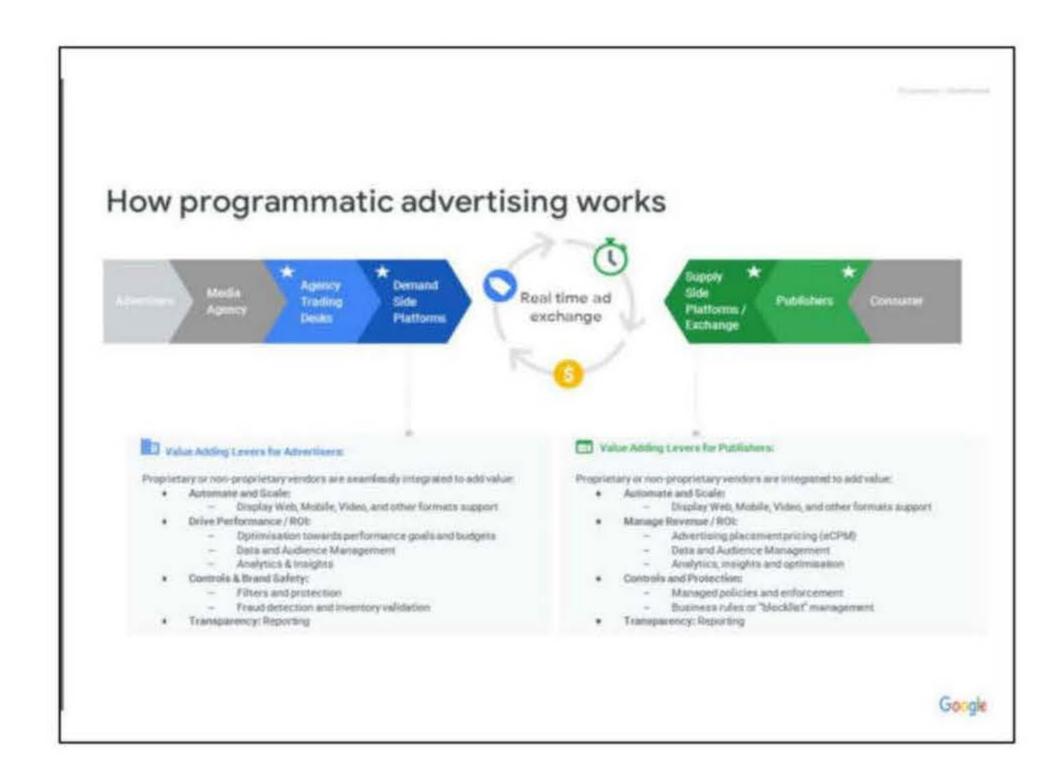




Total ad: 18.8b, 100% Digital: 11m, 50%

Programamtic: 15-18% 3.3b





Why Publishers have adopted Programmatic

- 1 Changing user behaviours reflected in how advertisers spend: Publishers have had to adapt their advertising business due to change in user behaviours and how advertisers have allocated ad spend. Programmatic is a growing share.
- Efficiency gains: Programmatic streamlines the traditional process of selling advertising through automation. Gains include better integration of audience data.
- 3 Revenue: Publishers could build on existing partnerships with the benefits of programmatic, including more options to sell advertising placements. Some of these budgets were not always captured through traditional advertising.
- Control & Transparency: Programmatic gives publishers control and choice over who, how and at what rate they allow buyers to transact across their advertising placements (e.g. controls and reporting)
- Globalisation: With more audiences online and with more advertising pounds being spent through programmatic, UK publishers can are able to reach more buyers around the world

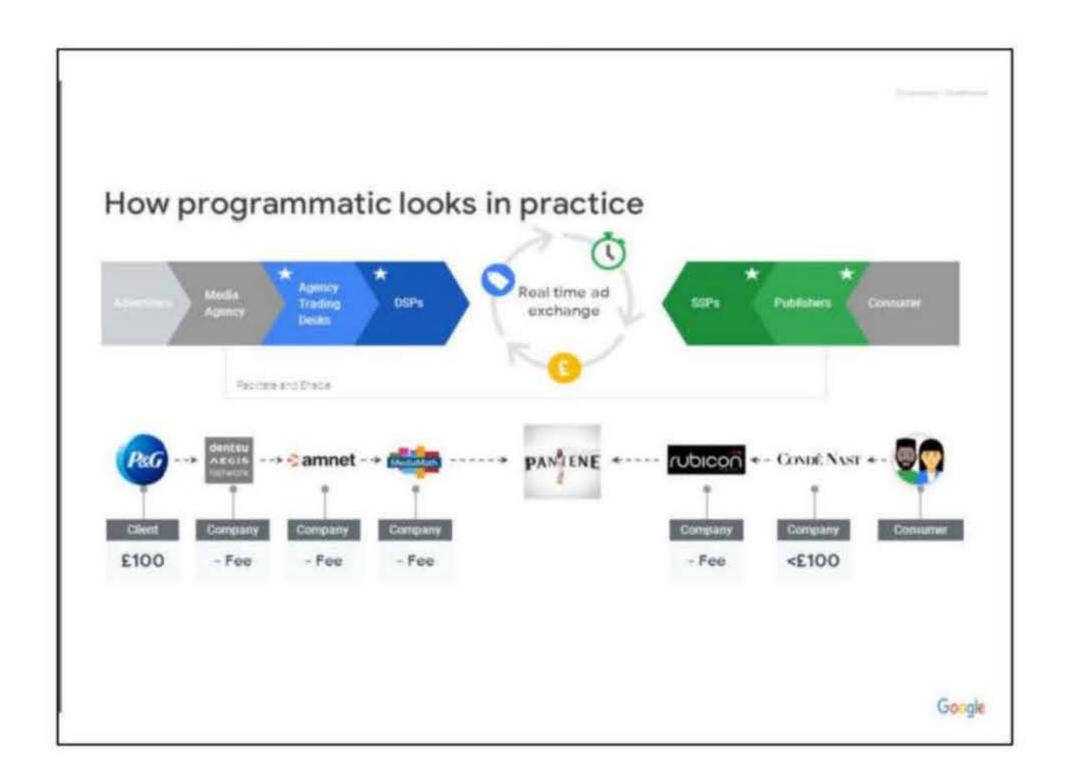
Google

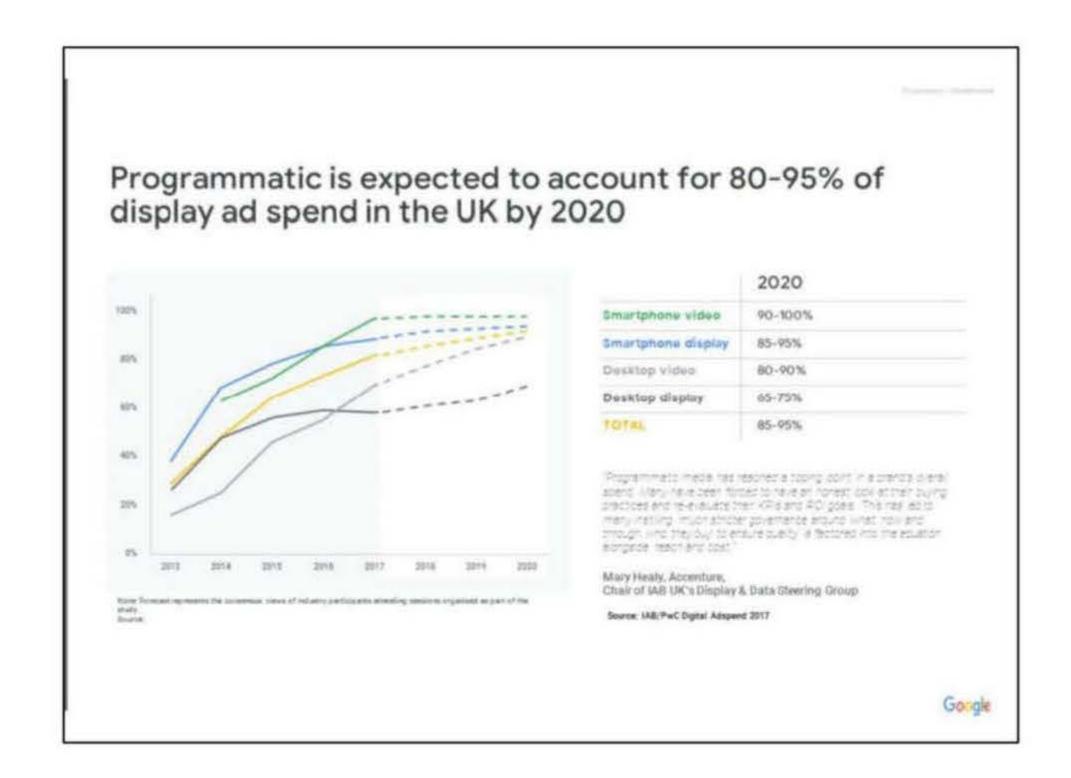


Benefits to Advertisers and Agencies

- 1 Consumer Change: Advertisers have had to adapt to where their consumers are today
- 2 Efficiency gains: Programmatic improves how advertisers reach their audiences online
- 3 ROI: Improved use of data to measure performance of ads, allowing advertisers to optimise or make changes to their campaigns in real time for better ROI
- 4 Smarter transactions, reduced wastage: Better use of data to improve their chances of reaching the right audiences online and reducing wastage
- 5 Control & Transparency: Transparency and control on what publisher sites their advertising served on to understand where ads are placed
- 6 Globalisation: With more audiences online and with publishers selling advertising space through programmatic has allowed advertisers to reach consumers across borders more easily while accessing more publishers

Google









New entrants = crowding

Organizational upskill of labor = sales vs tech

Pace of revenue shift = ability for pubs to respond

Value differentiation

The ecosystem demands of programmatic advertising continue to evolve



Publishers

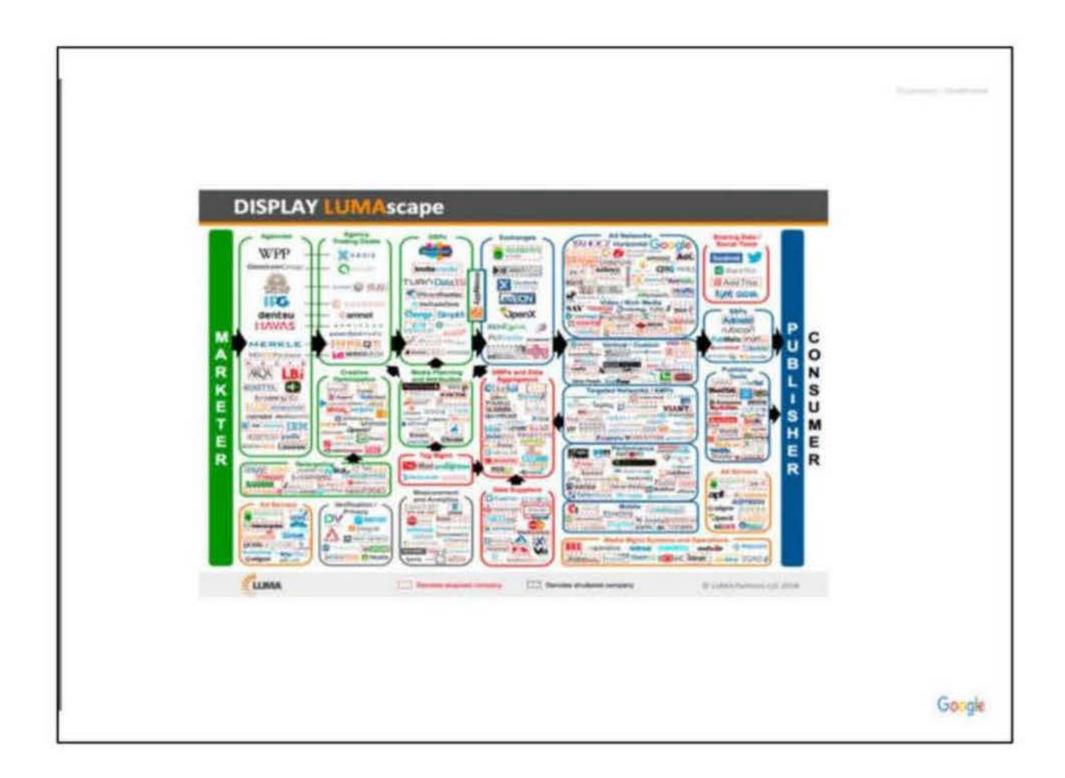
- · The demand for Programmatic Direct as a channel for advertising sales continues to grow
- Focus on the creation of value levers for longer term sustainability and growth (e.g. Ozone and data)
- · Increased focus for the consumer on site

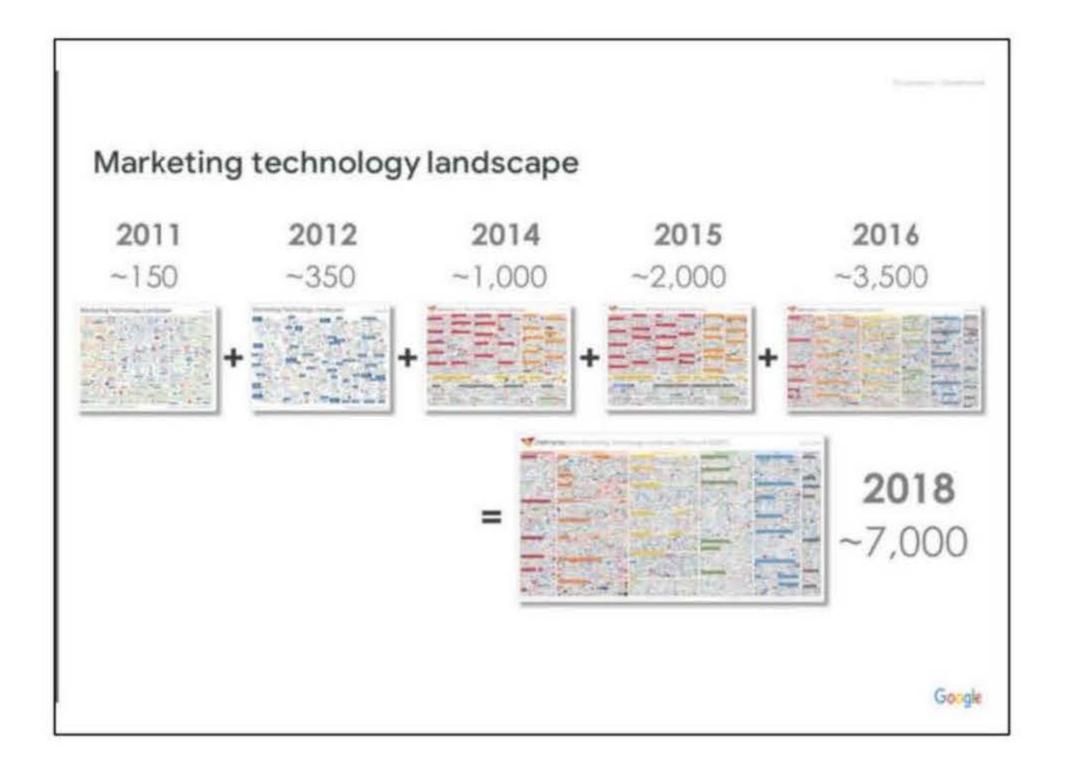


Advertisers

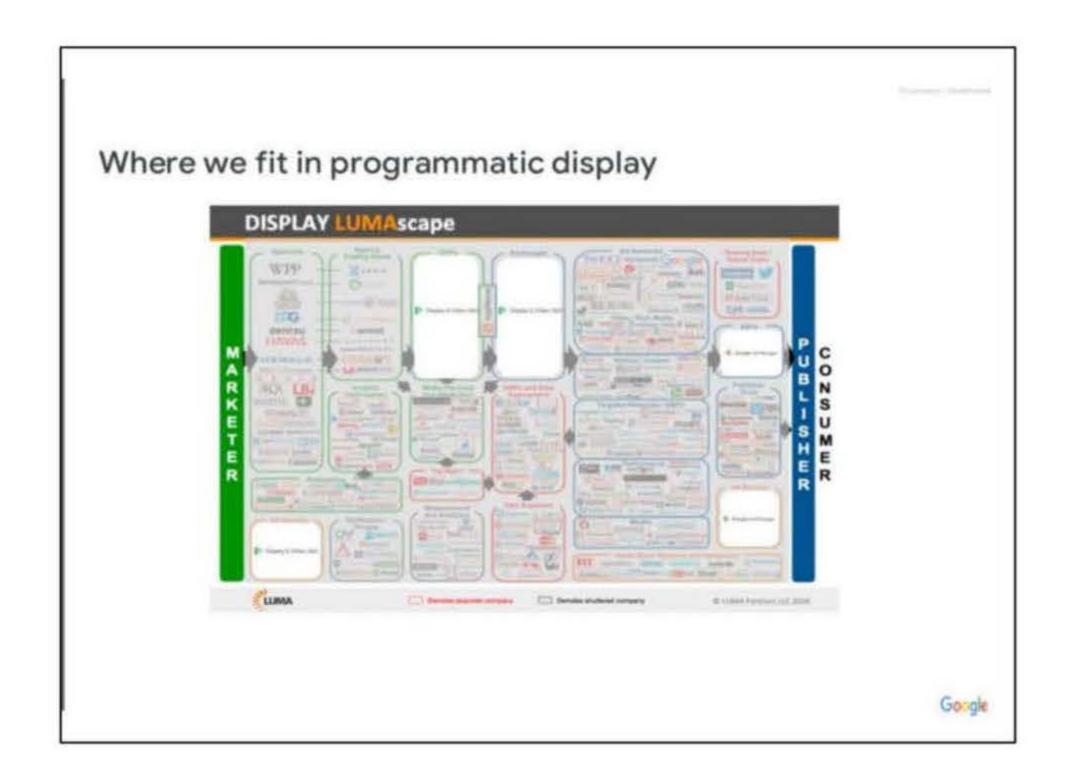
- Brand safety and quality of advertising space continues to be a priority. Context wins here
- Rethinking of the media management process with agencies, with advertisers starting to develop their own technology platforms to manage ad spend on their own
- · Transparency and control into where their advertisements are placed and who is exposed







https://chiefmartec.com/2011/08/marketing-technology-landscape-infographic/
Clearly very competetive



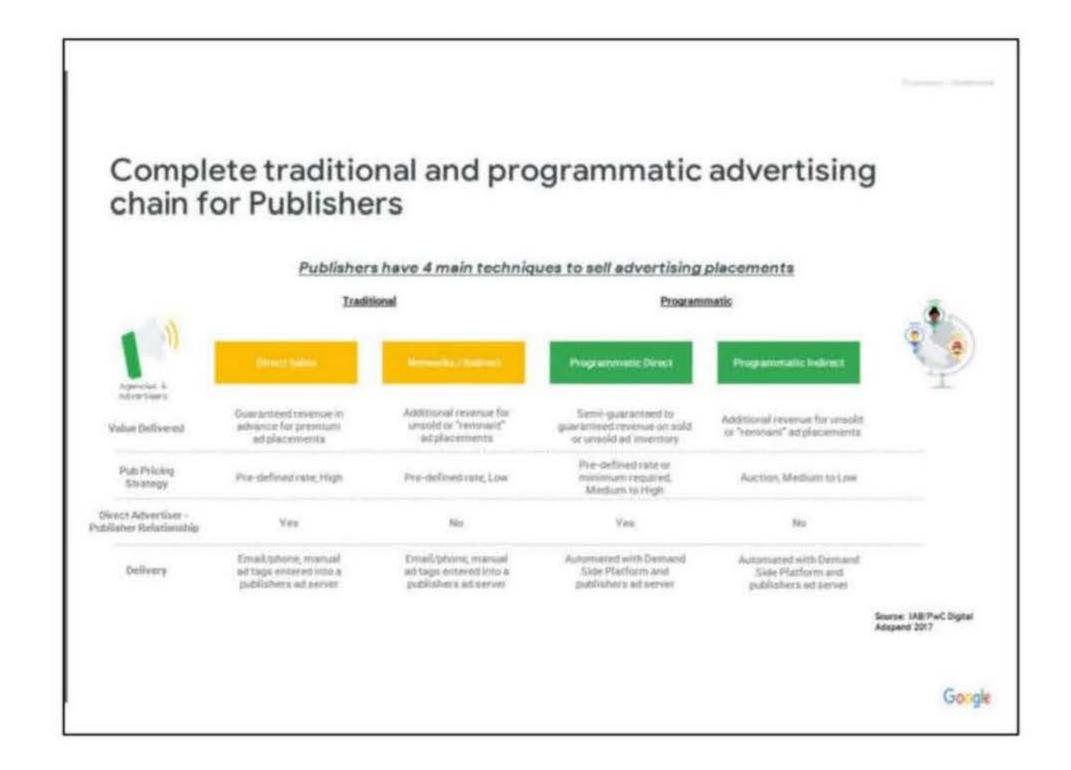


Google's mission for Publisher partners

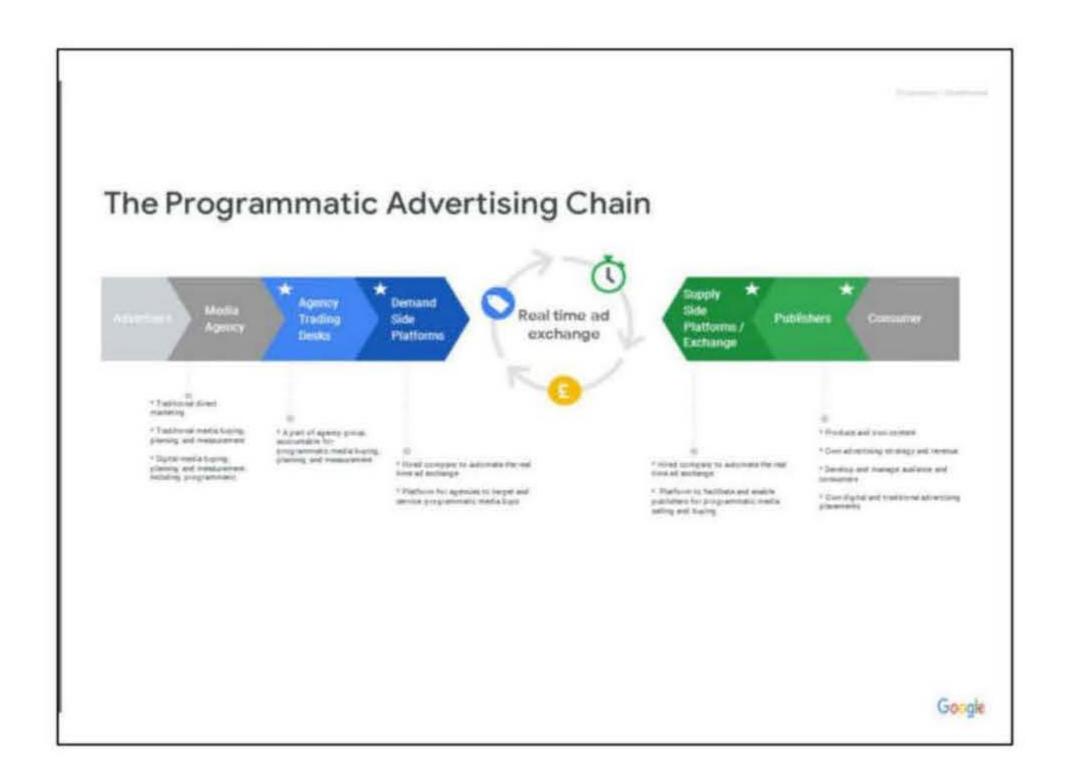
Sustain growth and create thriving businesses with advertising

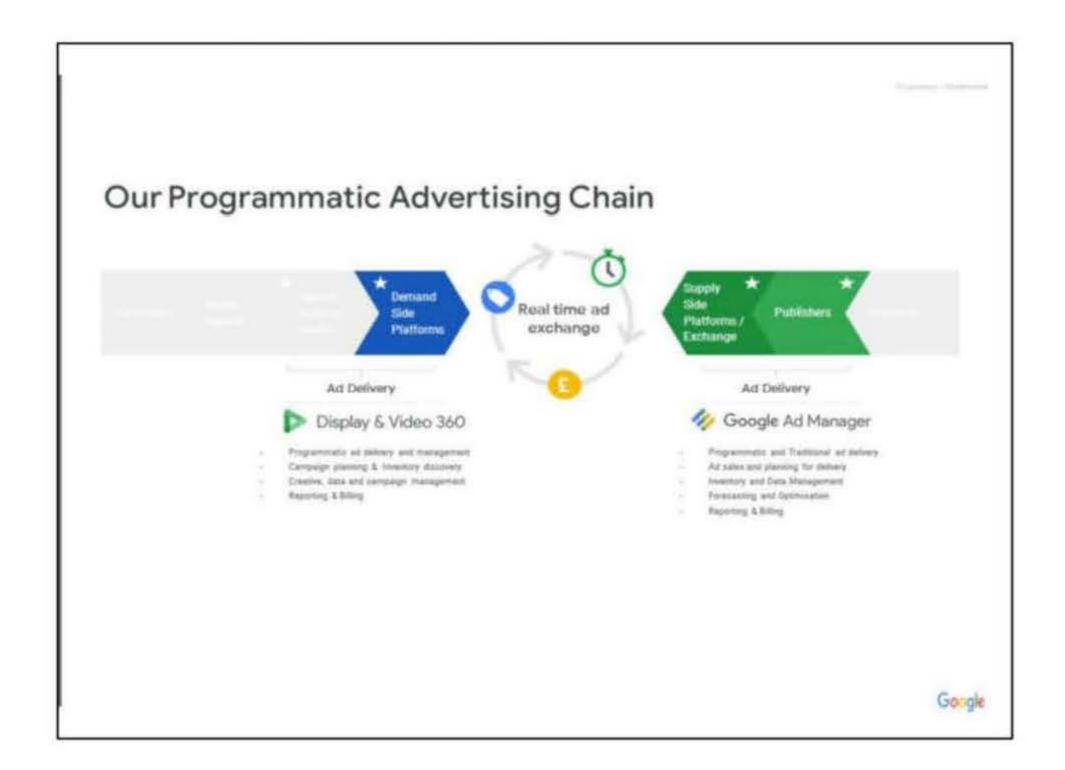
Grow revenue and keep your brand safe wherever your audience is watching, playing or engaging with your brand.

Google



Publishers have 4 main techniques to sell advertising placements

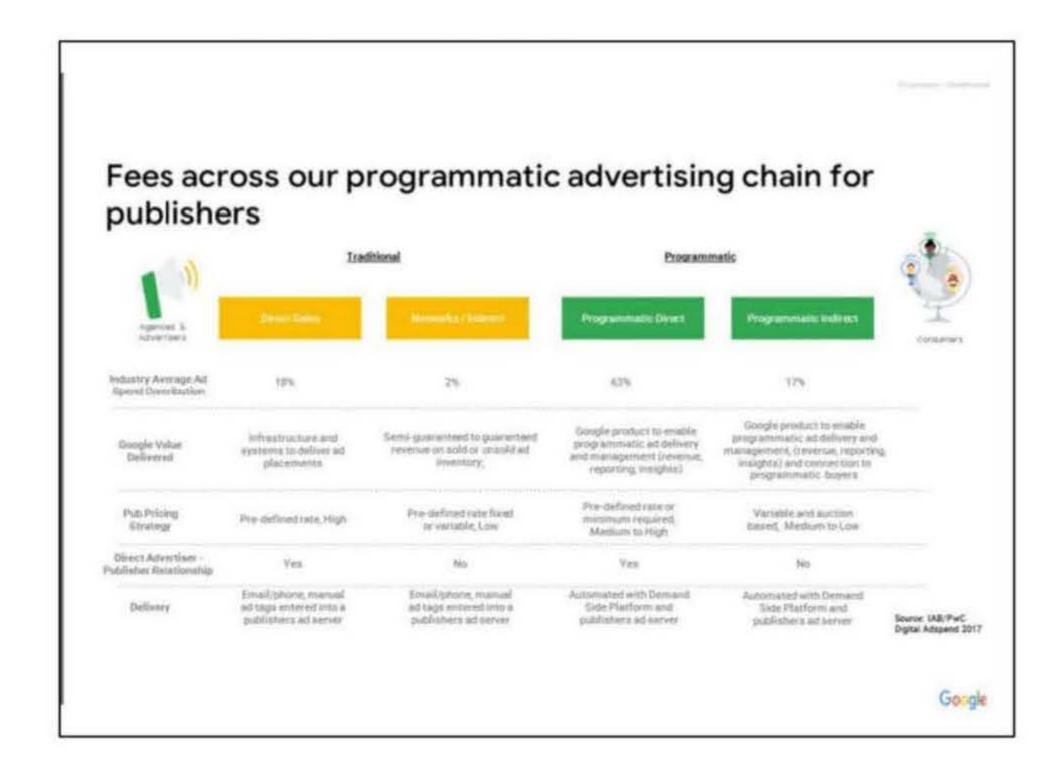




Within the programmatic advertising chain, we have 2 solutions: DV360 and Google Ad Manager

DV360 = DSP Google Ad Manager = Ad server + SSP

In order for advertising transactions to actually take place, publishers have adopted ad servers to create advertising placements on their site and to "serve" advertisements from their agencies and advertisers. For that we offer an ad serving solution that functions as a system to enable these transaction across traditional and programmatic advertising.



Publishers have a options to sell their advertising placements through traditional reservation and programmatic.

Revisiting the 4 techniques pubs have to sell advertising, there are direct sales and indirect sales channels, which is traditionally how pubs worked with their agency and advertise clients. There would be a phone call, a paper IO, and manual exchange of "ad tags" that pubs would then traffic into their ad server. These campaigns would be semi guaranteed to guaranteed and negotiated on a pre-determined rate. Adsense is at 32% (blogpost link)

Under Programmatic, partners can leverage programmatic direct deals or programmatic indirect, or the open auction. These transactions are automated and in real-time, but pubs are still able to control and manage who buys their advertising placements, and at what price.

We offer products and solutions that enable pubs to deliver ads on their site, sell advertising to different types of buyers across direct sales and programmatic.

For just ad serving on Google Ad Manager, we charge a fee that equates to <1% of a pubs overall revenue. Ad serving is there to enable our publishers to advertise online. Typically this is a fixed rate, usually less than 2p. If we look at publisher revenue streams today, while programmatic is growing, we still see direct sales as being a critical and majority of a partners revenue. For this again, we take less than 1% for ad

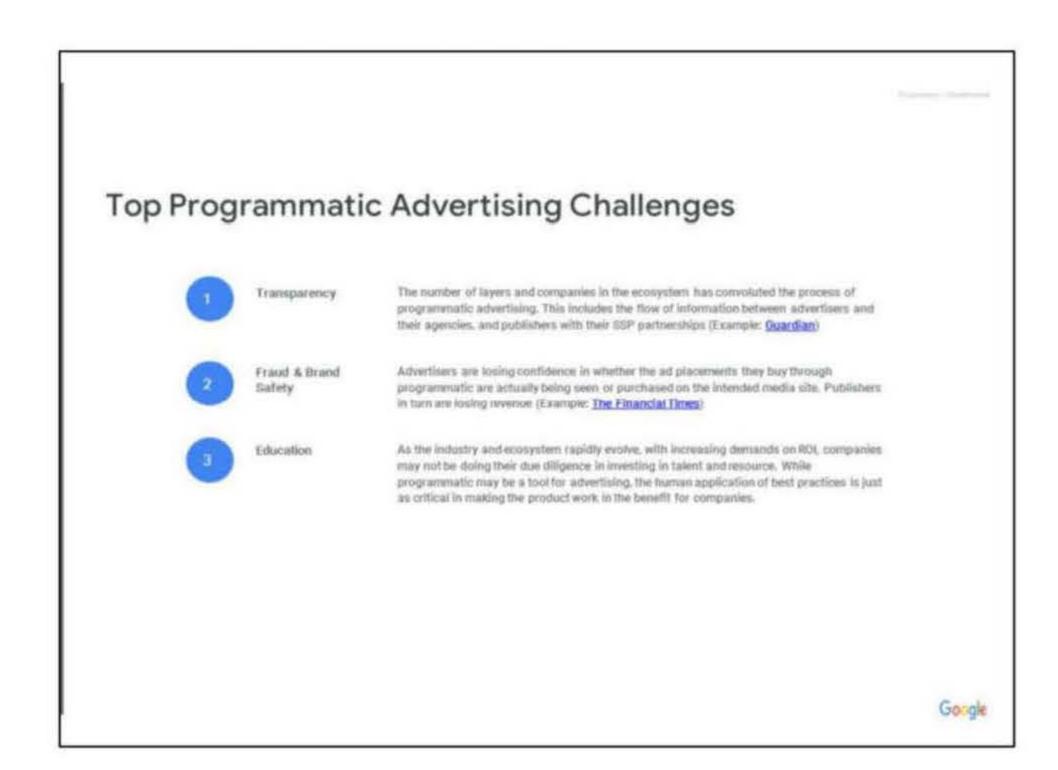
serving and providing a product for pubs to create and deliver the ad.

For programmatic transactions, our rev shares can vary from 5 to 20%, dependent on the transaction type. For programmatic direct deals, which are 1:1, negotiated and managed by the publisher, our fees typically range from 5-10%. These are semiguaranteed to guaranteed.

Moving into programmatic indirect, or what many refer to the open auction, our fees on this are 20%/

If we look at the value we, as Google deliver to our partners between these transaction types, it correlates to the revenue share applied. Most pubs see value in what we deliver them through the programmatic open auction / indirect. They have full control of how much they want to use the product.

As for the total revenue we as Google see across a single programmatic transaction in the open auction, when the publisher uses Google AdManager to monetize the inventory, and the advertiser/agency uses DV360 to buy the inventory, Google takes around ~30%. For programmatic direct, this goes down to ~10% (~10-20%). The publisher also has the option to sell the inventory to other buyers, in which case Google sees a much lower revenue share depending on the transaction type.





Developing quality publisher solutions

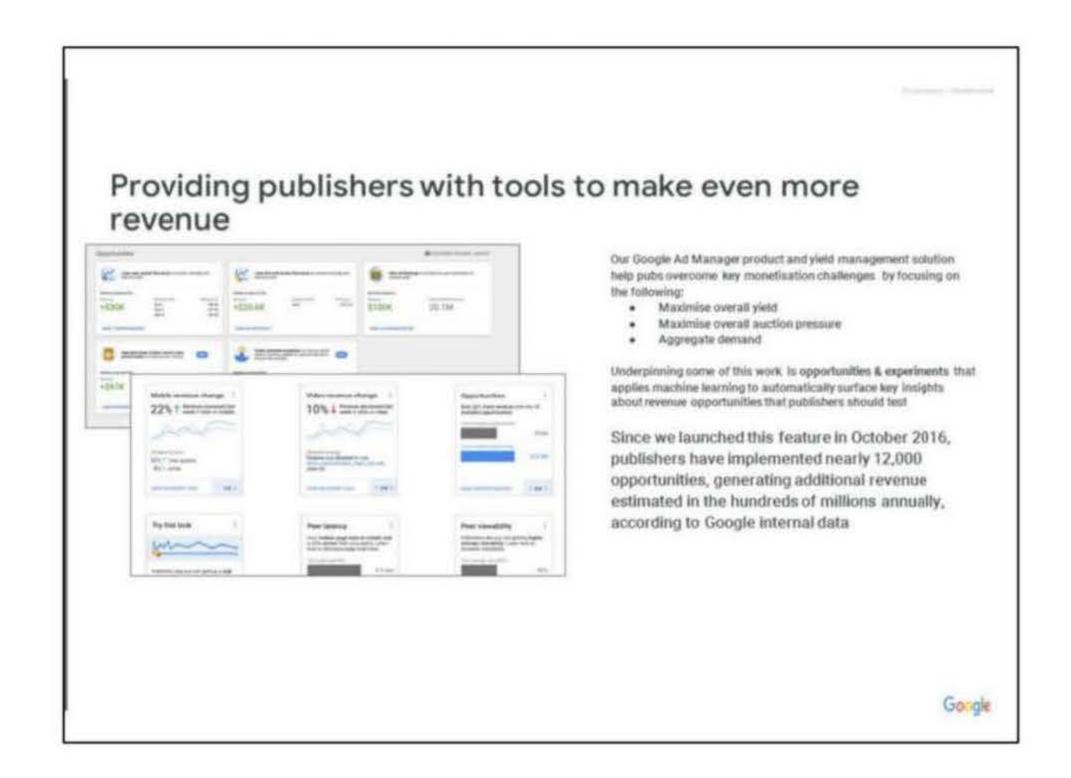


Ad delivery and total revenue management across traditional advertising and programmatic advertising

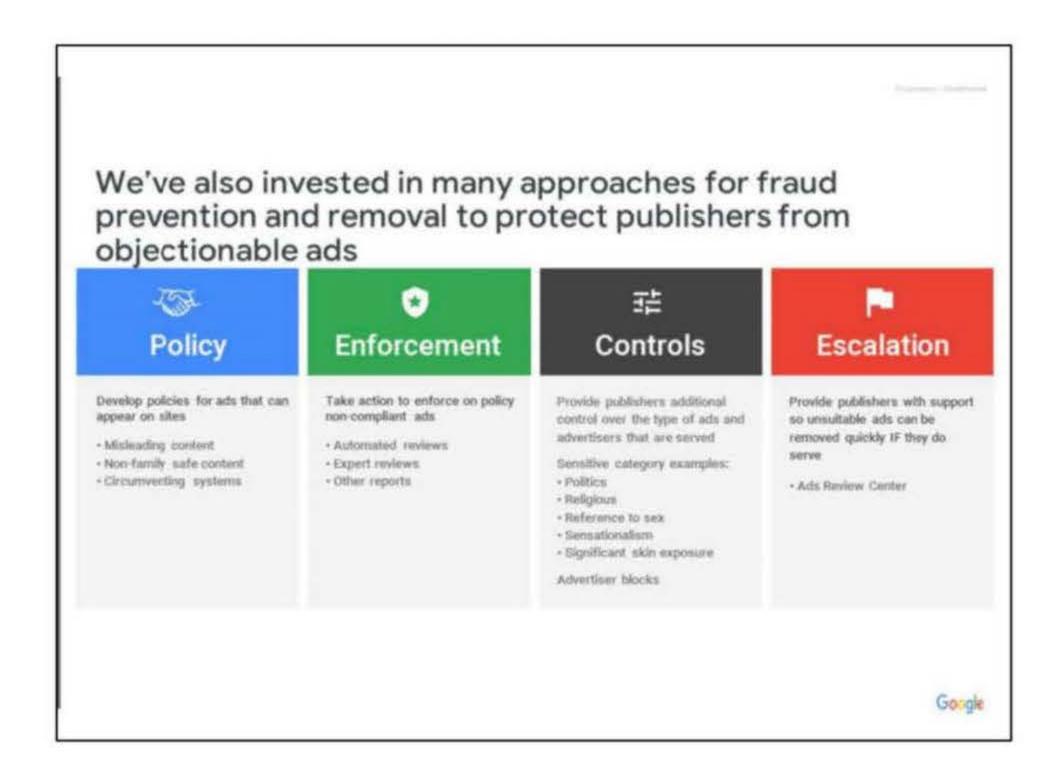
In 2017, we paid \$12.6 billion

— an average of more than
70% of our revenues across
our third party display
advertising services — to
publishers, many of them
news

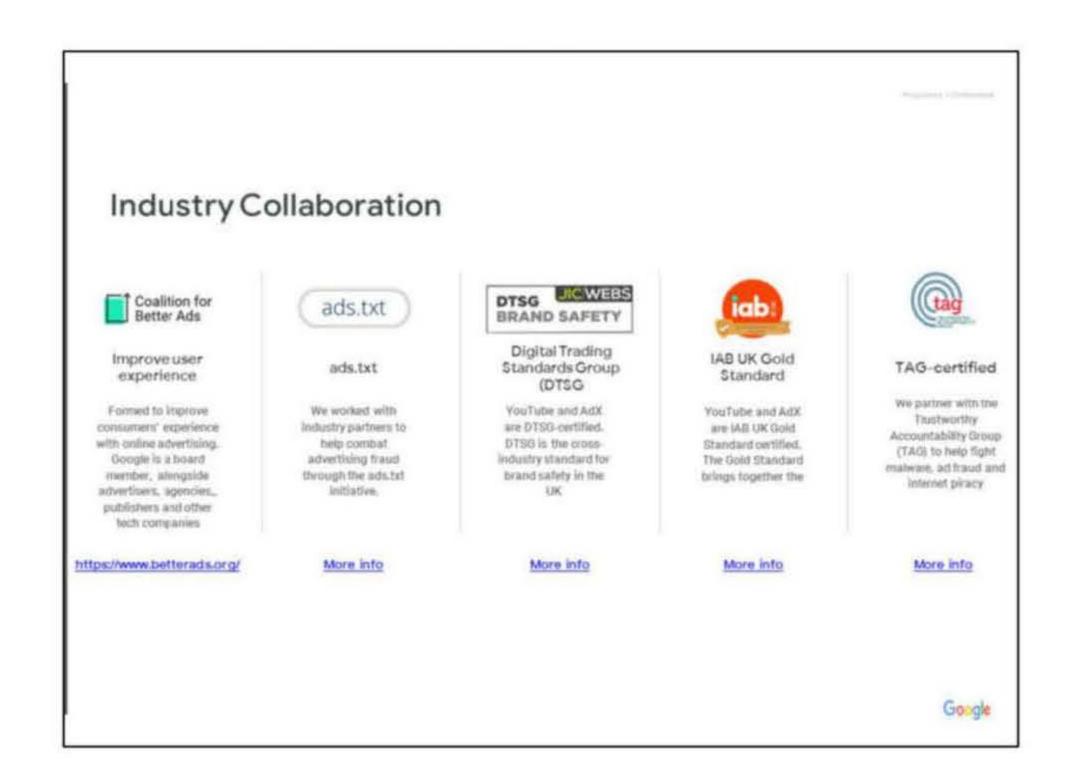
Google



ld	Date	Text
2	09/26/2018 03:15:37	+rahulsr@google.com +suzblackburn@google.com
1	09/26/2018 15:07:18	Not all of this work is included in opportunities and experiments, and the total benefit from all of our yield management is likely in excess of \$1B / year.
1	09/26/2018 15:07:18	+nyoo@google.com to make edits
1	09/26/2018 15:07:18	+nyoo@google.com to make edits





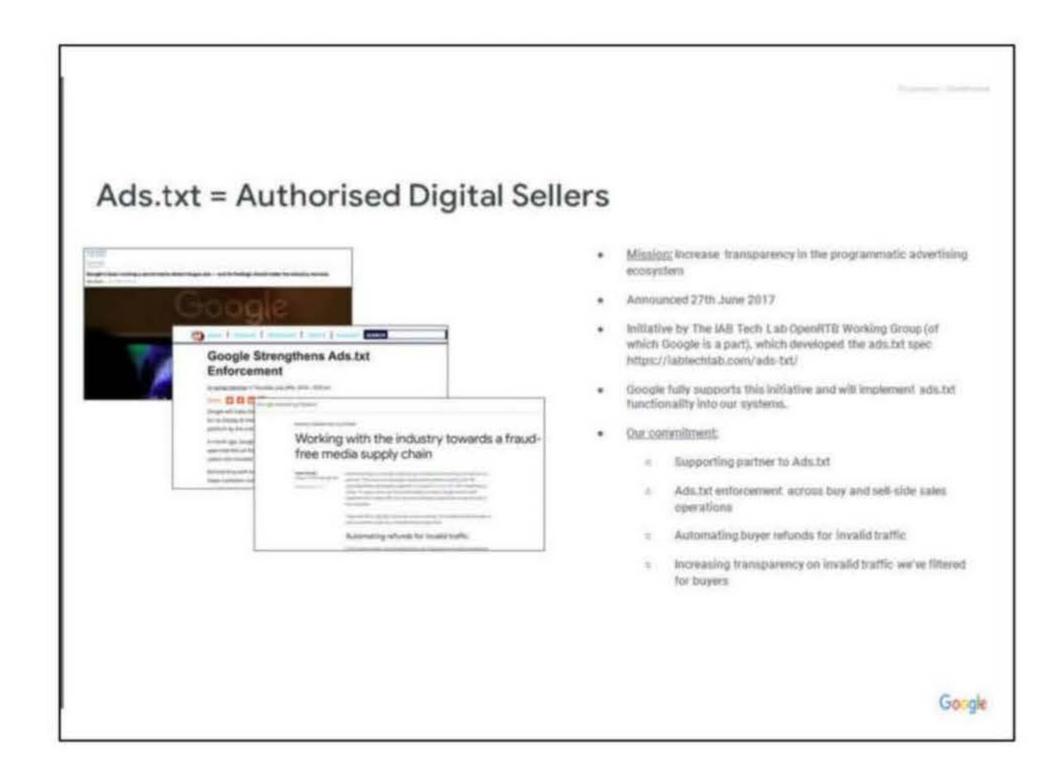


Coalition for Better Ads and Better Ads Standard



- Coalition for Better Ads is a global industry group representing trade groups, publishers, marketers, agencies, and technology providers that are dedicated to improving online ads [Members]
- The Better Ads Standards (BAS) identifies the ad experiences users find the most annoying based on extensive data-driven research.
- Our commitment:
 - Member of the Coalition for Better Ads and support of the Better Ads Standard
 - Chrome Filtering: Chrome will filter adopt sites that we identify as repeatedly showing the annoying adoidentified in the Setter Adu Standard or that harm or take advantage of users
 - Ad Experience Report: A new tool in Google Search Console that lists when we have identified experiences that violate the standard.
 - Funding Choices & Contributor: Addressing existing ad blocker usage and giving users afternative choices to fund content.







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