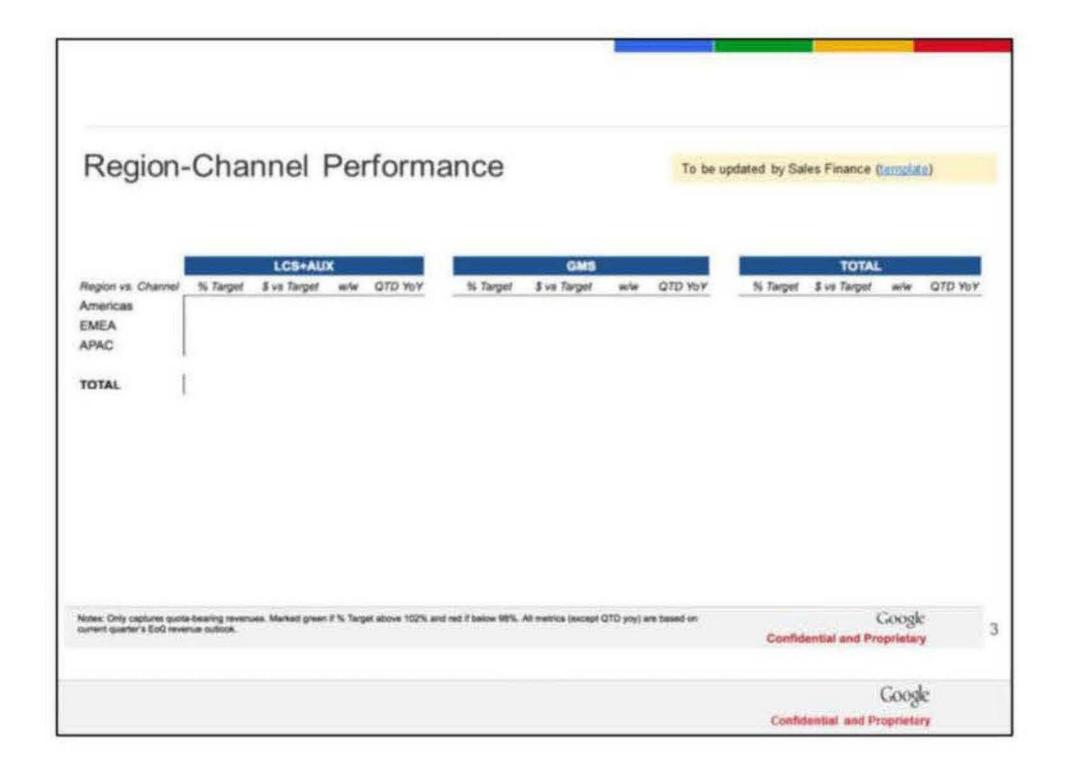


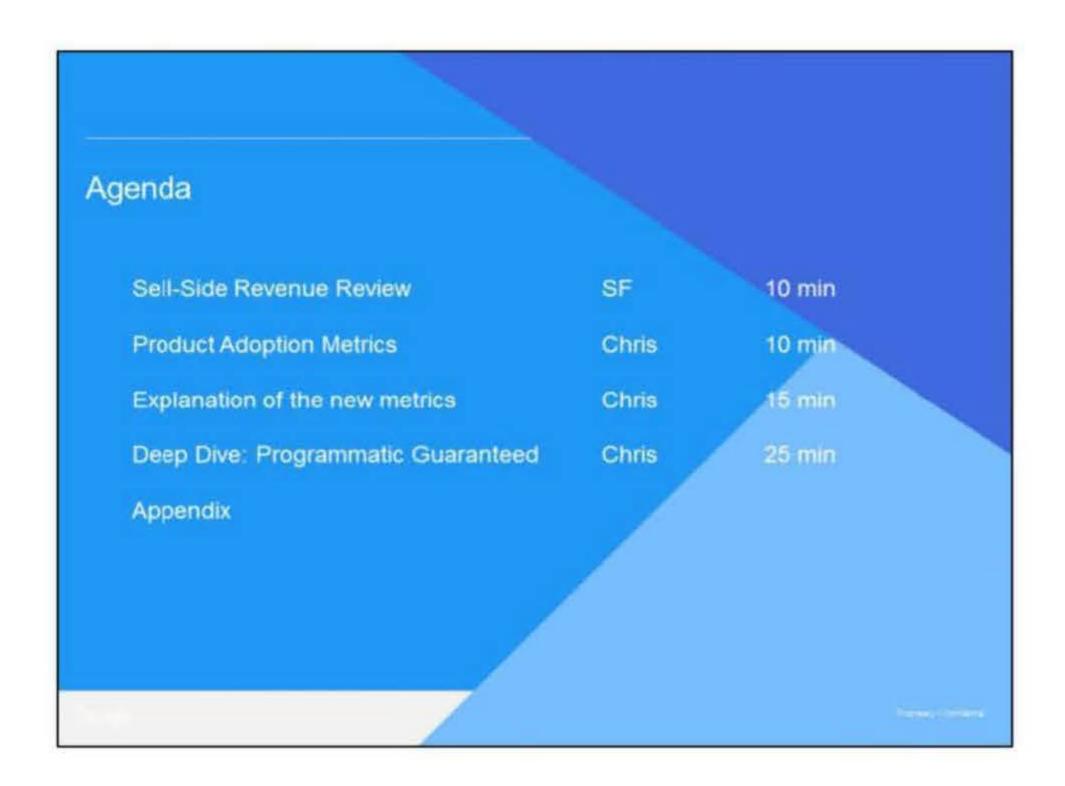
Narrative BFM one sheeter

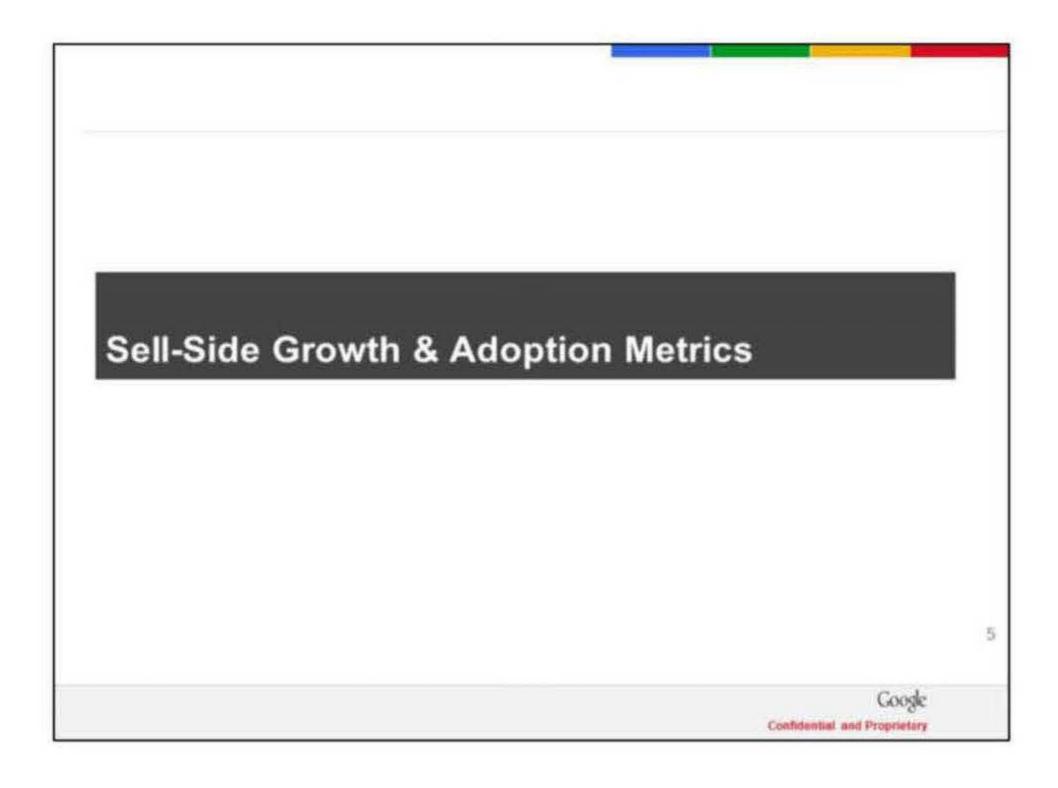
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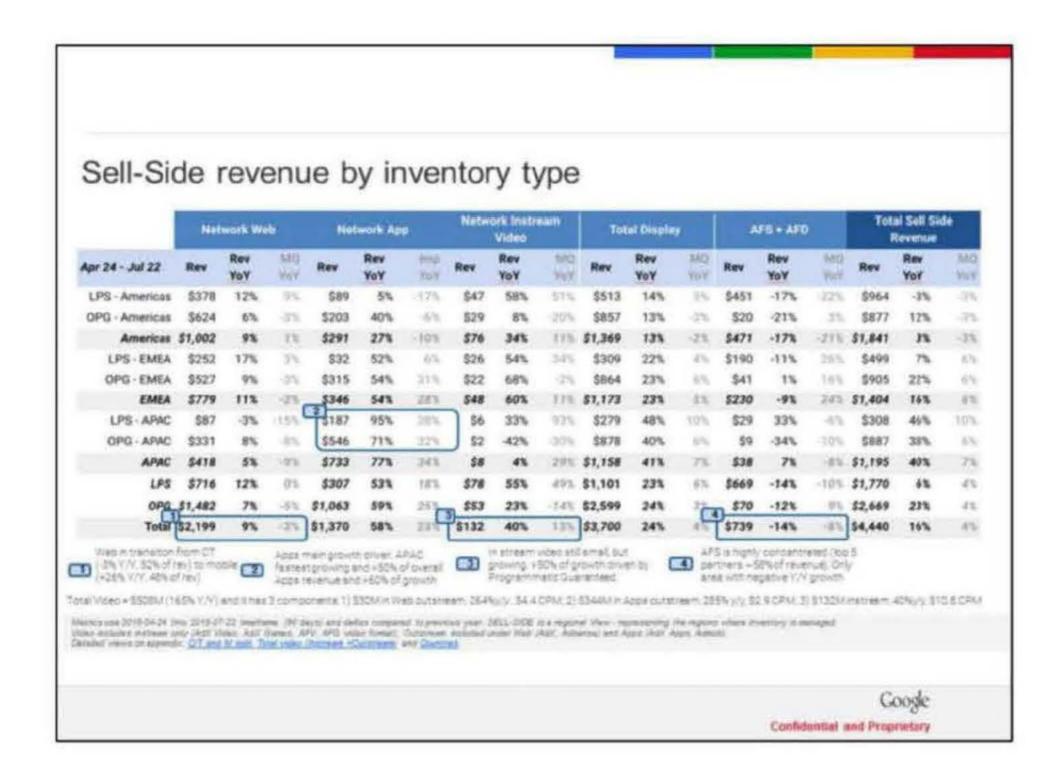
1:23-cv-00108

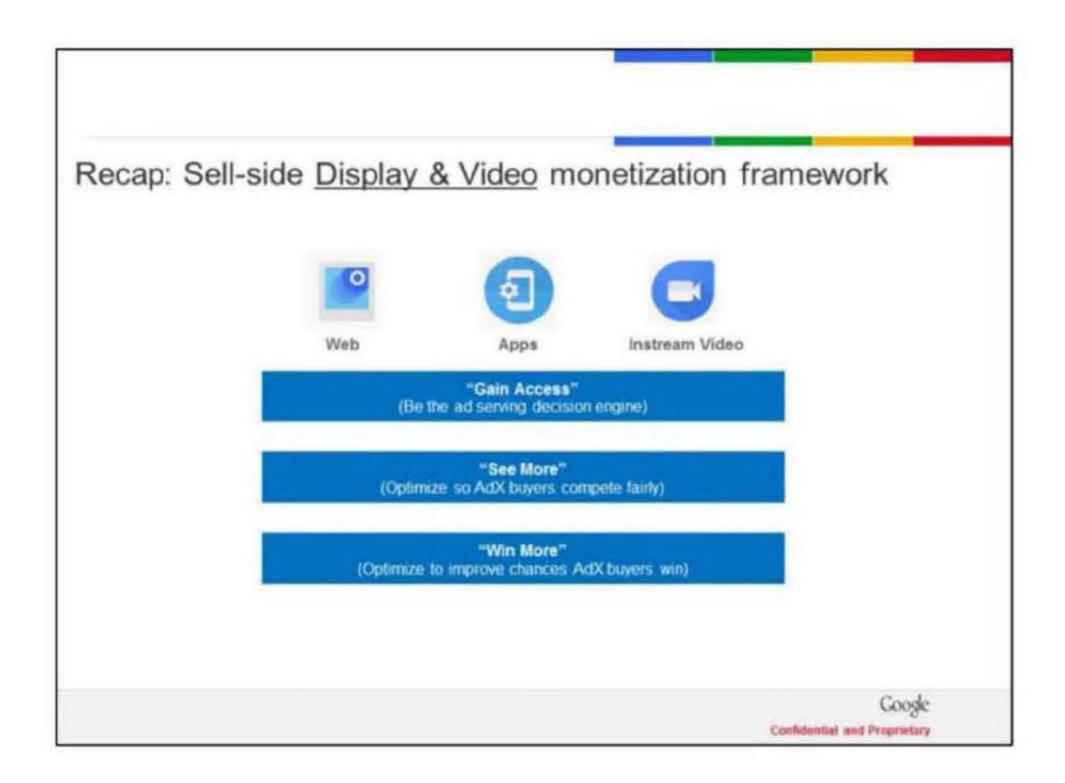
Global Product	Forecast			To be updated by Sales Finance (template)				
	Revenue	Q4 2017 Y/			mance		ok Change	
annuate phown in USD millions.	EQQ \$	E0Q %		% vs. Target	5 vs. Target	- 5	5	
Search CT Coosin com								
CT Google.com Mobile Google.com								
AFS								
Display								
Network Display								
non-Google Display								
OSO Display								
Video								
O&O Video								
Network Video								
non-Google Videa								
THE STREET STREET								
Total Quota-Bearing Ads								
rotal sectors bearing Ads								
Total YouTube								
Total Programmatic								
Total App Promo								
Total Self-Side								
lotal Programmatis Madia includes ACX Buyers, DI	DM, DBM Video on VT, a	nd DBM non-YT Video	546	side Revenue			Google	
total Programmatic Media Includes AdX Buyers, Ol total You Tube includes DBM Video on You Tube App Promo forecast sourced from Sales Finance			-	-	C	onfidential and	manufacture of the second seco	
THE LANSING PARTIES SPECIOUS LIGHT CHARGE LANSING						STREAM TOWN SHIP	Fraprisary	
							Google	
					100	nfidential and		

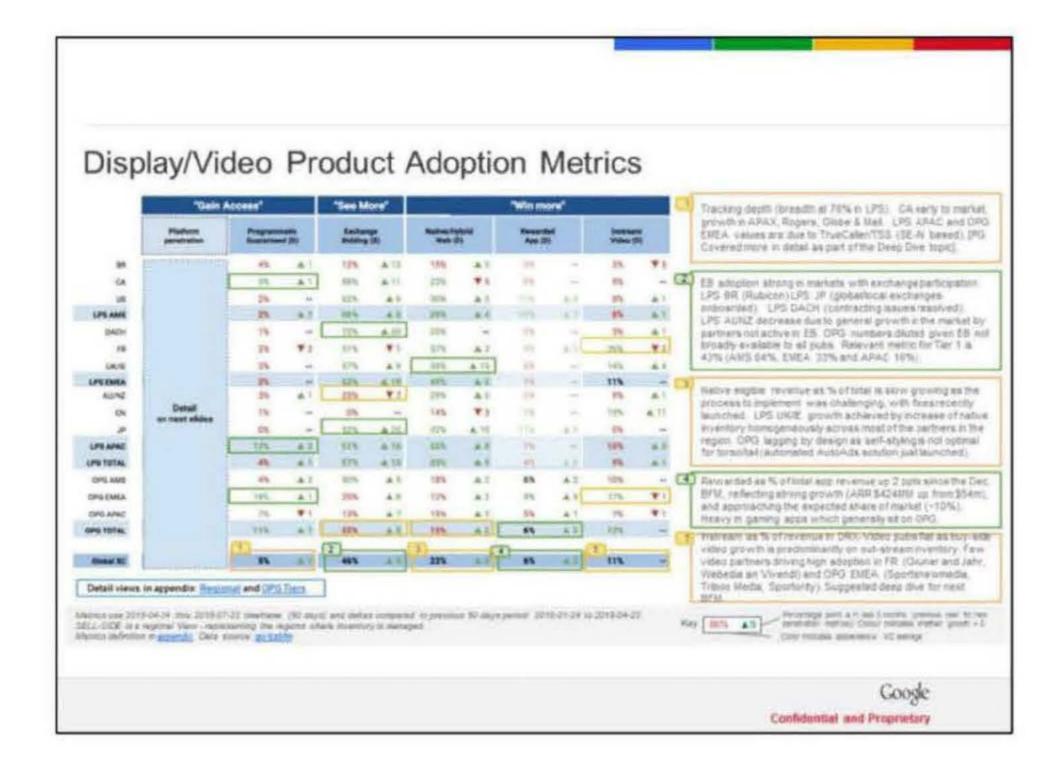






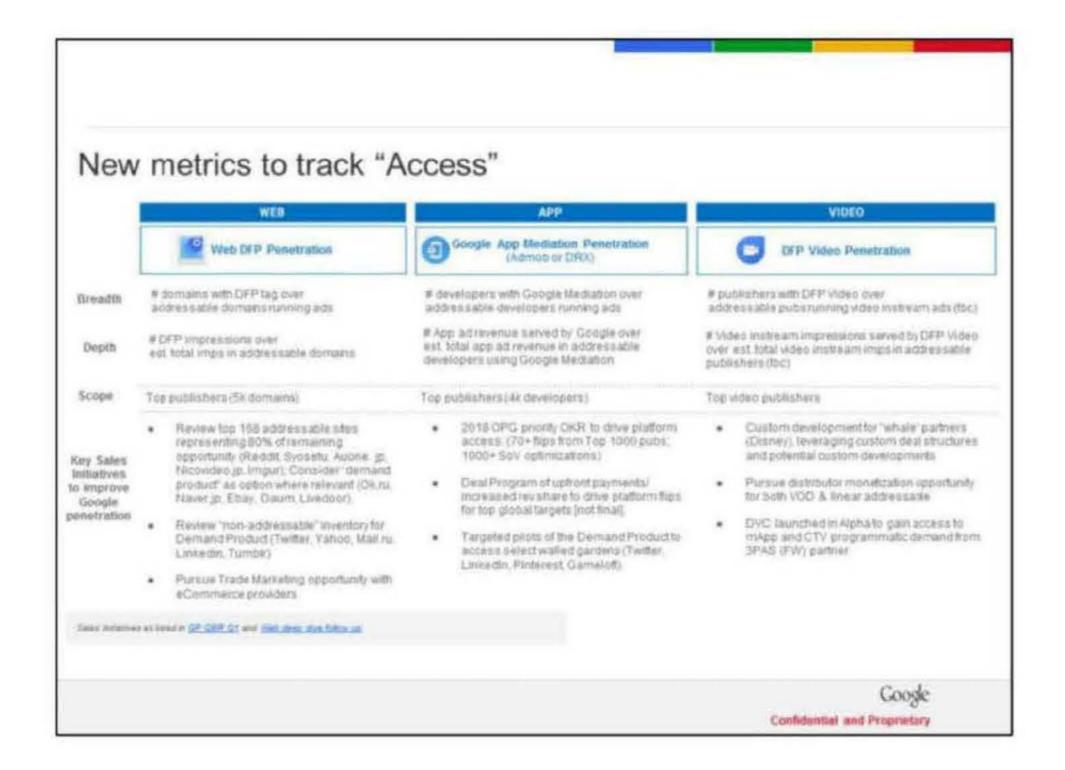






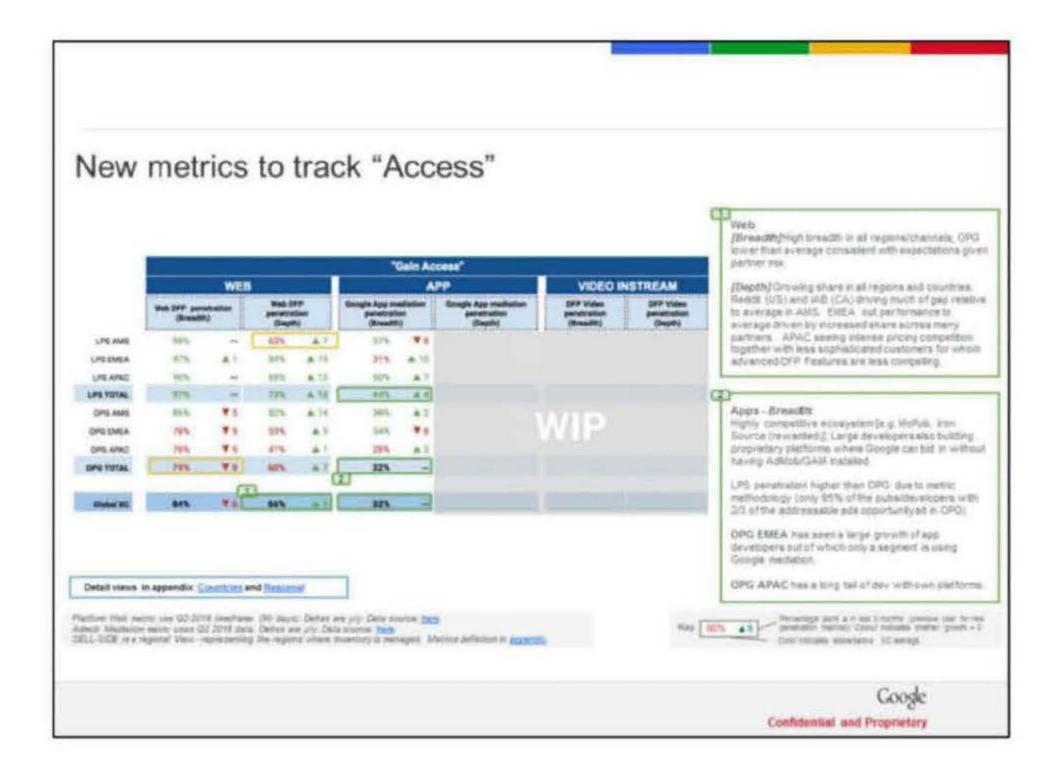
Need to call out OPG EB numbers. Tier 1 numbers are more in-line with LPS and that's the only segment eligible for EB

ld	Date	Text					
1	08/09/2018 23:31:01	+dpeters@google.com +genevievek@google.com Do you guys have any insights on why EB ANZ is down 7 points? (Formula is # indirect MQs served in DFP by partners enabled in EB / indirect MQs served in DFP)					
1	08/11/2018 01:14:37	this is being driven by News who are experimenting with multiple demand partners and their existing HB setup (this partners growth is shifting to PG) - team is investigating no systemic problem to call out.					
1	08/11/2018 01:14:47	*abisarya@google.com *dheymann@google.com Any added color on this point about LPS AUNZ. is it as simple as reservations growing faster than PG adoption? if so, why? is it a problem?					
2	08/11/2018 01:14:47	+chrisl@google.com					
		Google					

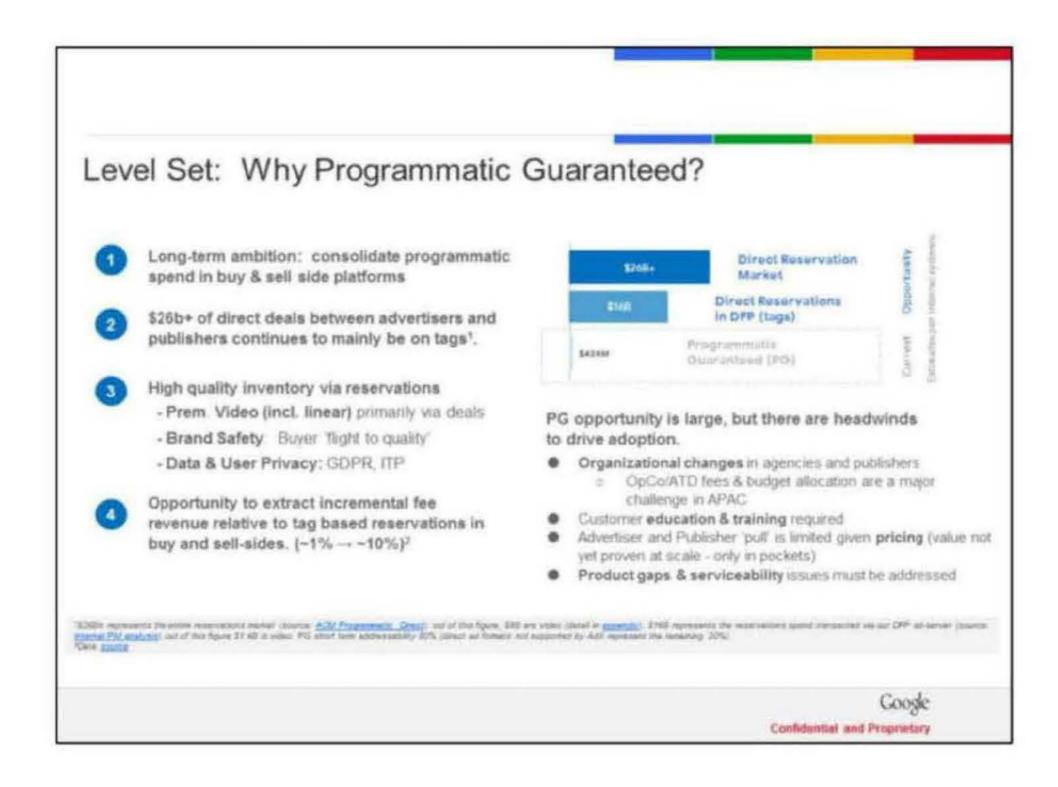


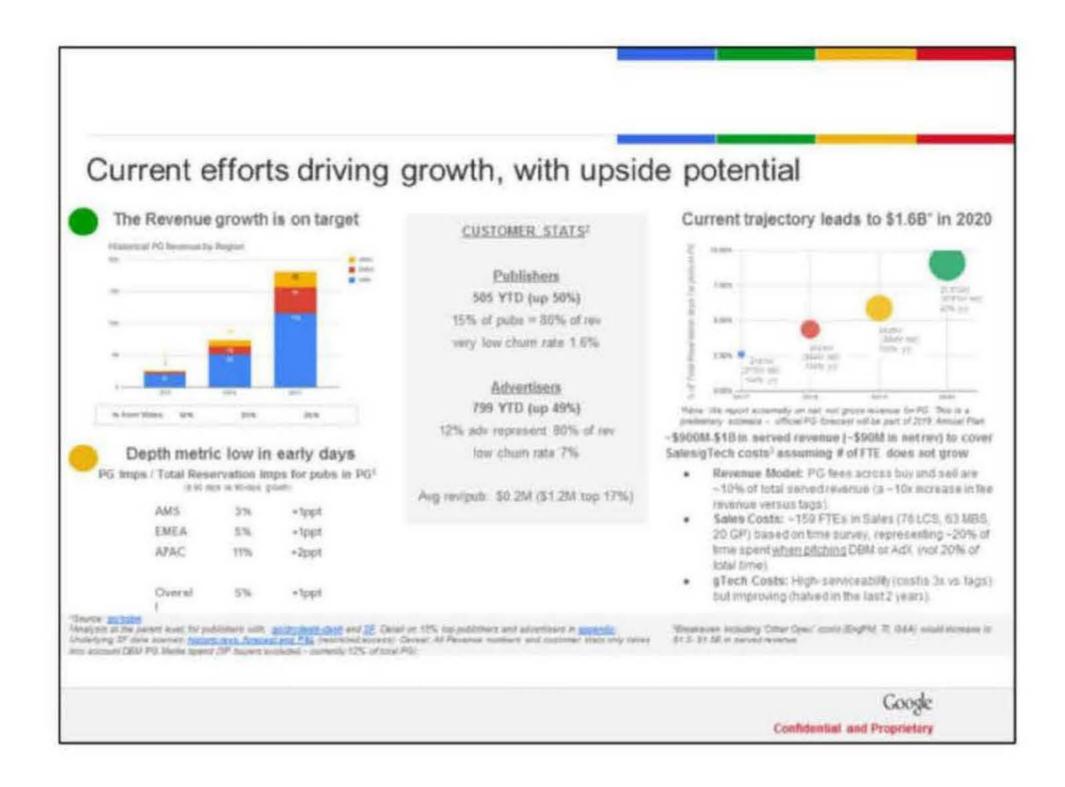
2018 priority OKRs to drive platform access: (70+ flips from Top 1000 pubs; 1000+ SoV optimizations) - OPG only OKR

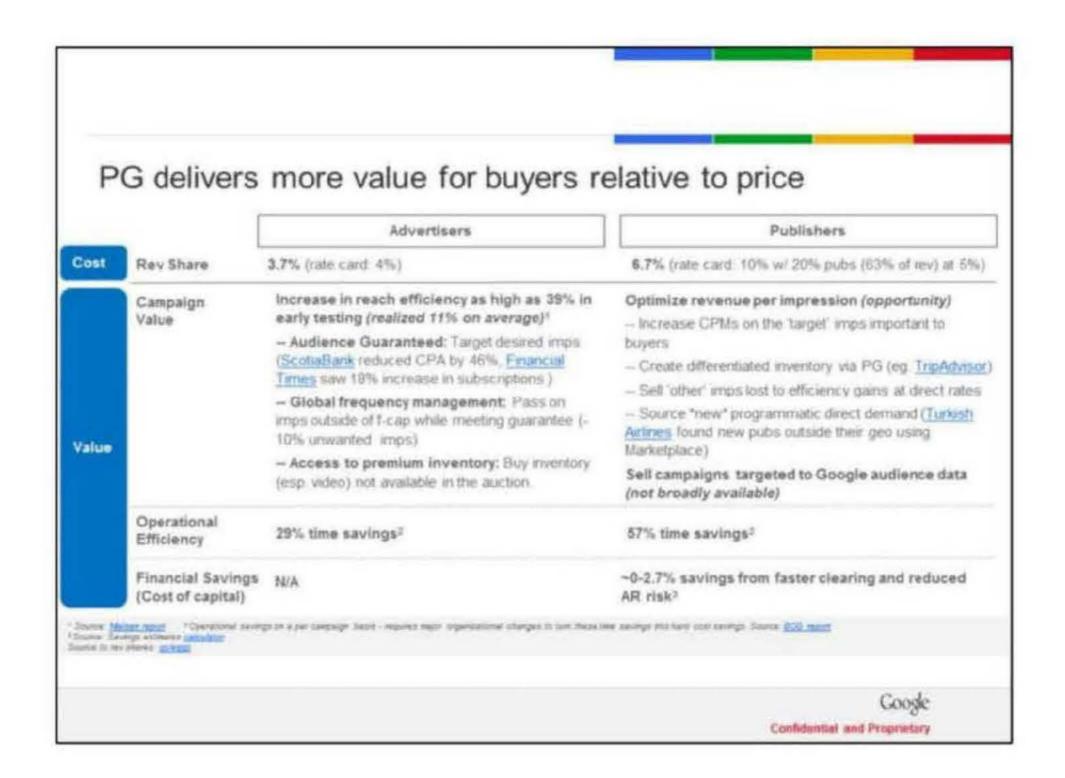
ld	Date	Text	
2	07/19/2018 14:49:03	+bkremen@google.com  Ben - are Twitter, LinkedIn, Pinterest, Gameioft considered 'addresseable' in the Web and market share calc? Are they in the denominator for either? both?  +carmengh@google.com	Арр
		market share calc? Are they in the denominator for either? both?	~(A)
		Google	1
		Confidential and Proprietary	- 1

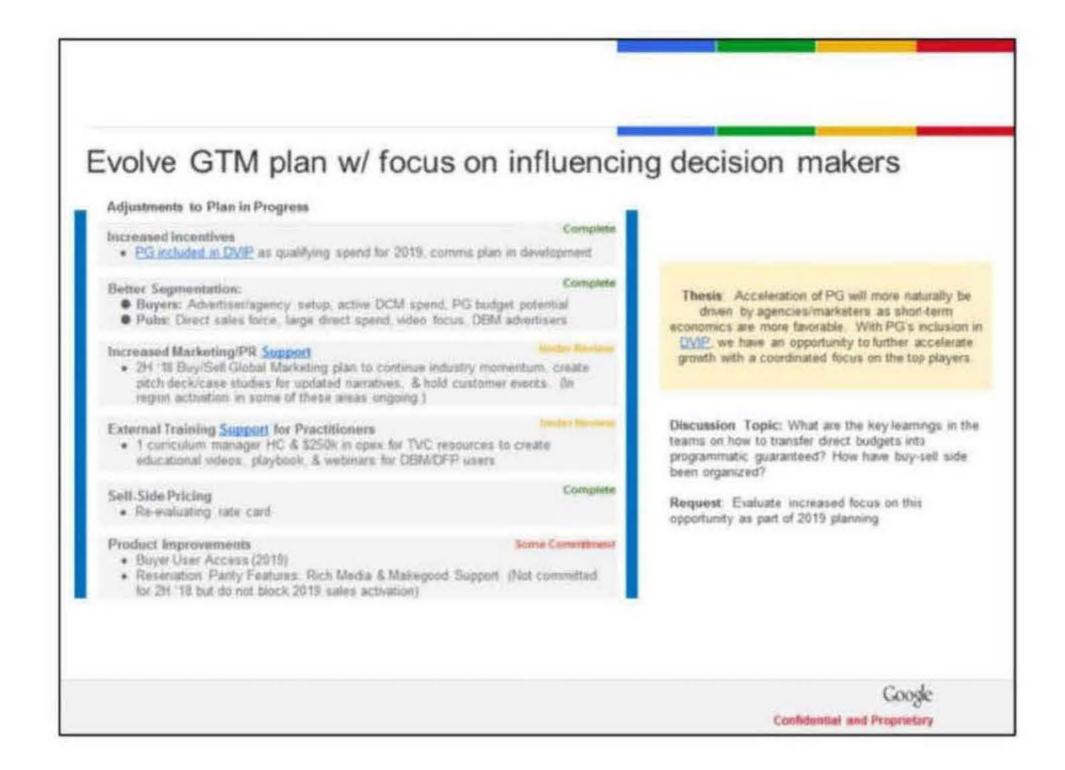












## LCS Engagement:

Mandatory LCS AM PG trainings

Executive buy-in from LCS leadership to support platform sales in accessing large advertiser opportunities.

OKR: 50 intros to LCS clients based on platform prio list

Concentration in buyers and sellers-

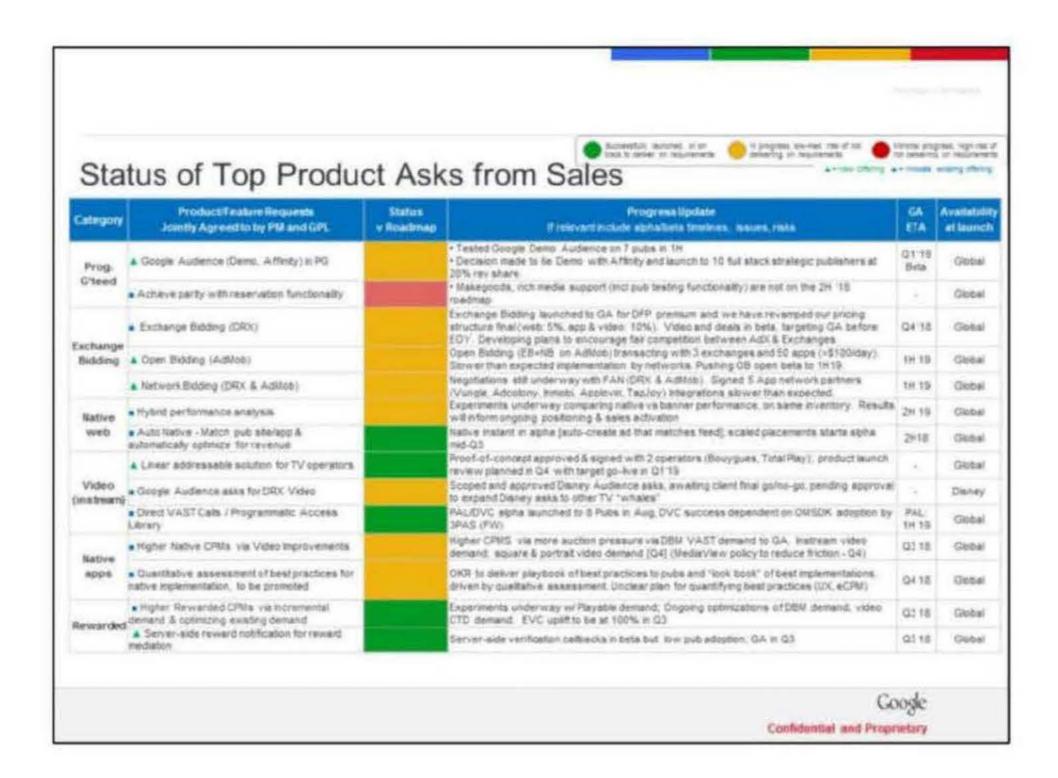
2015, 2016, 2017, 2018: # of buyers/sellers and the ratio of what % of the revenue is made up of which segment

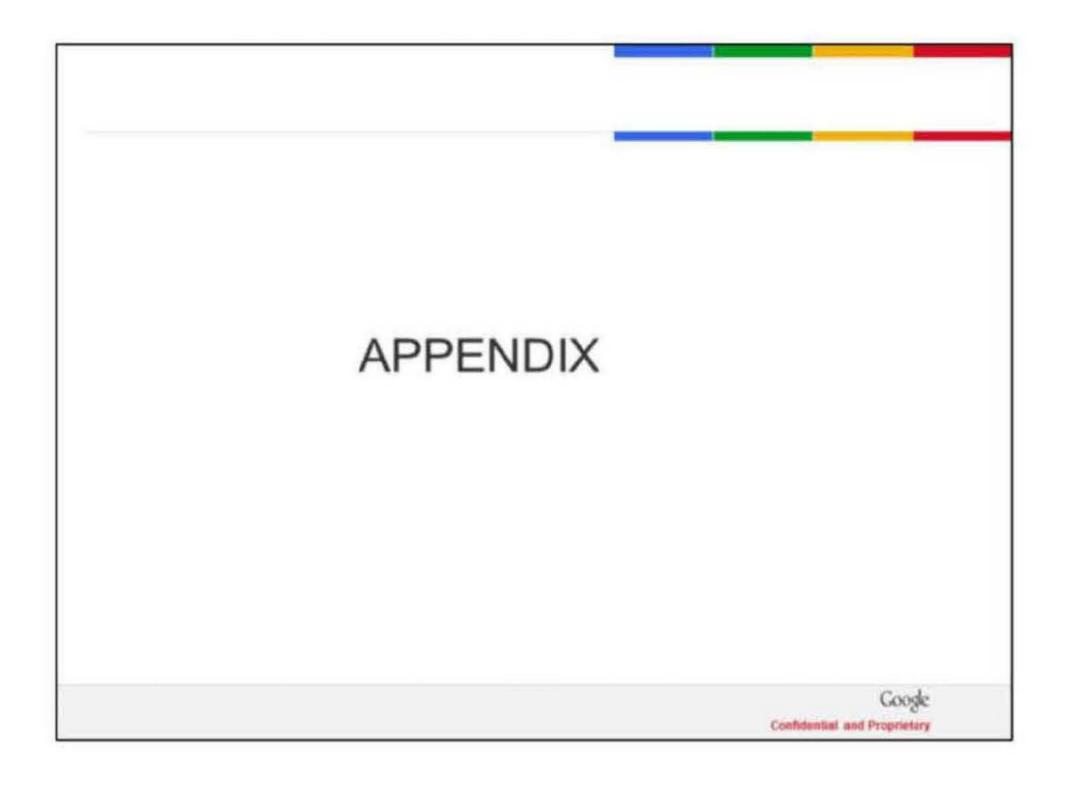
GCAS, Agency, LCS teams engage at the client level and time when digital budget allocation decisions are made. To incent platform usage and accelerate PG, should these teams play a more structured role?:

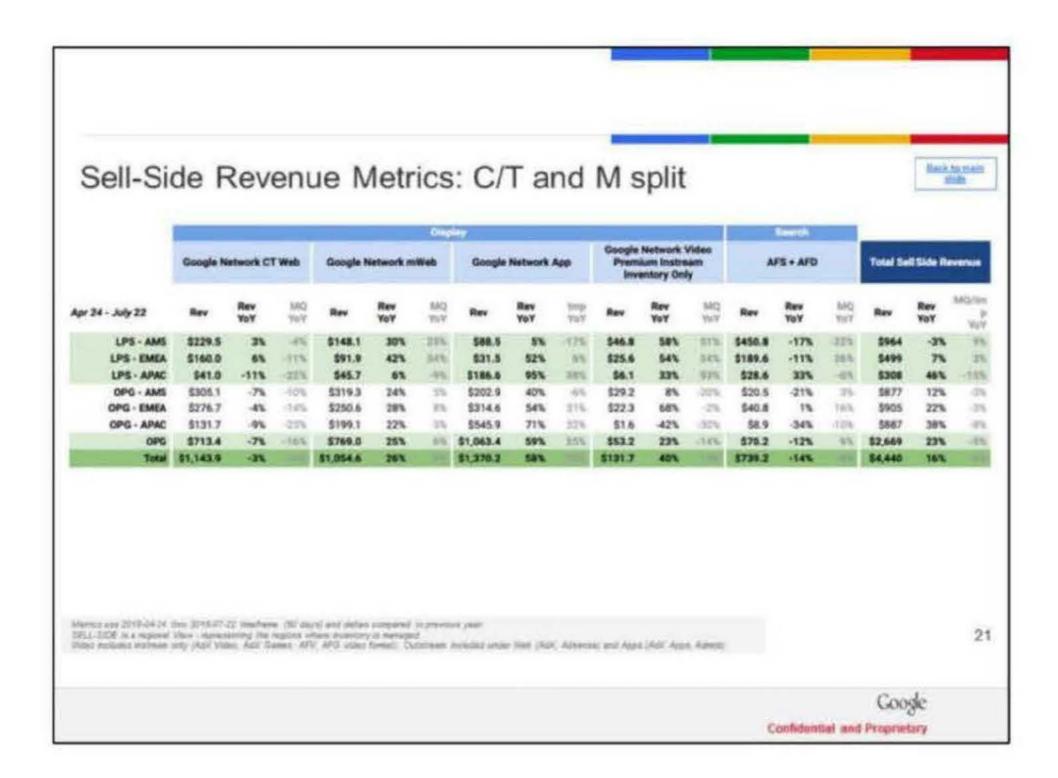
X-team 2019 revenue OKR

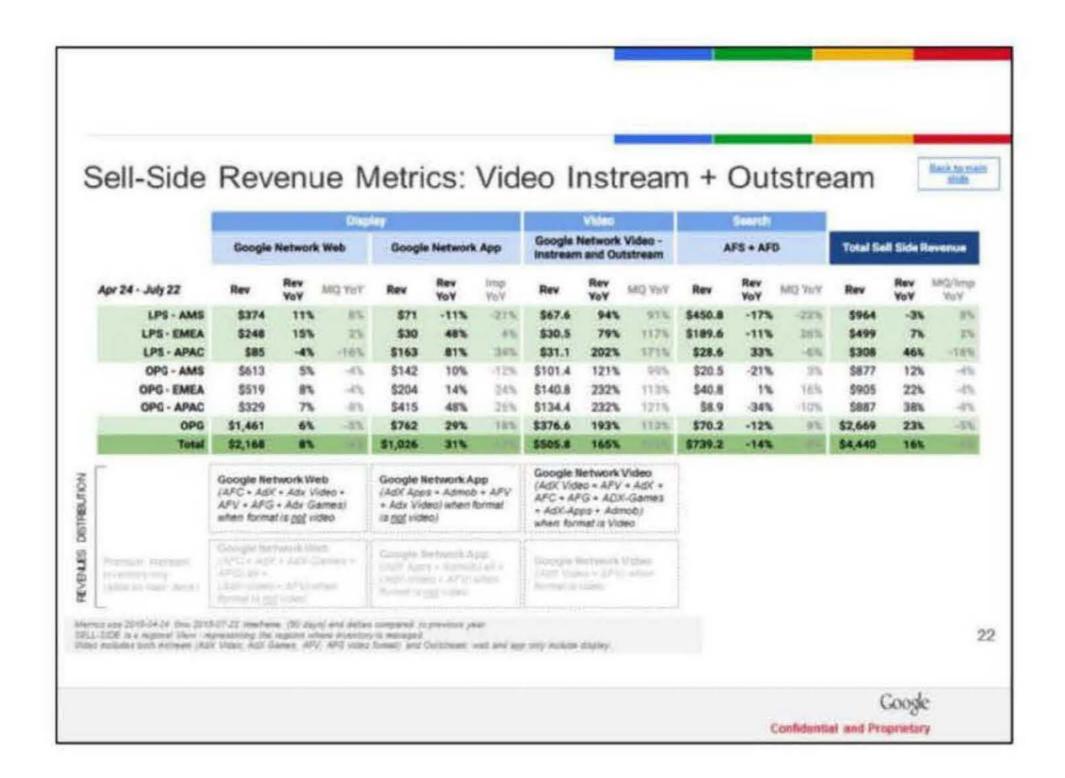
LCS/Platforms joint PG priority account list with product adoption goals Mandatory training

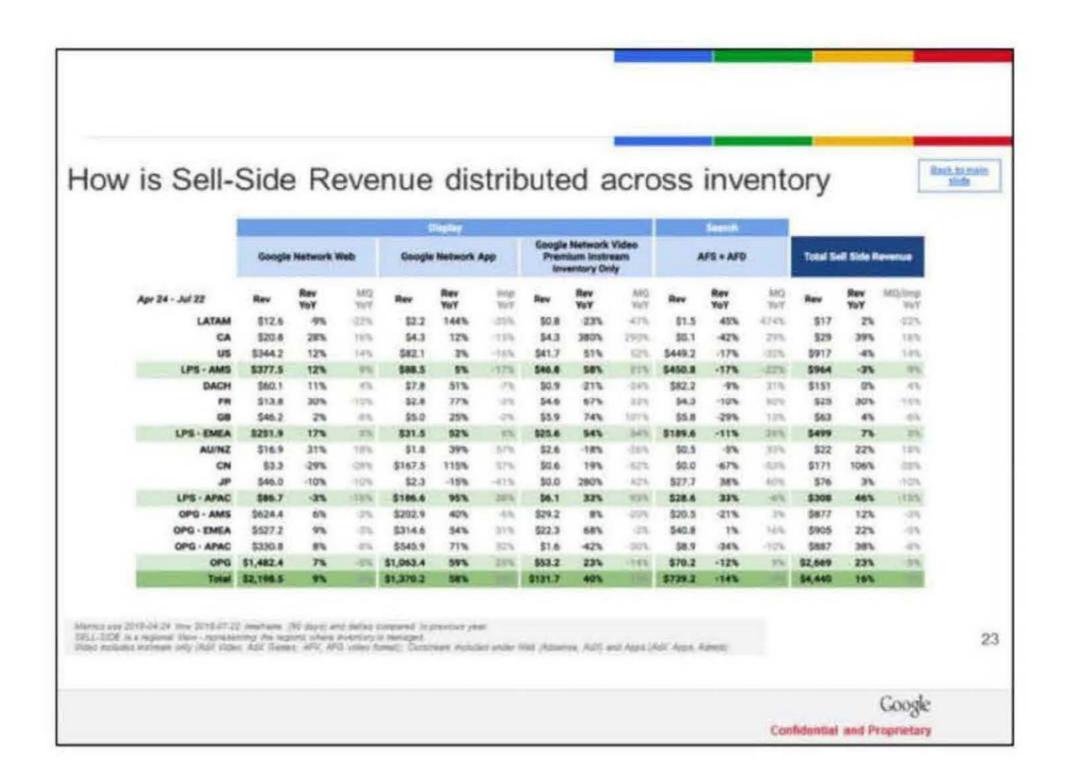


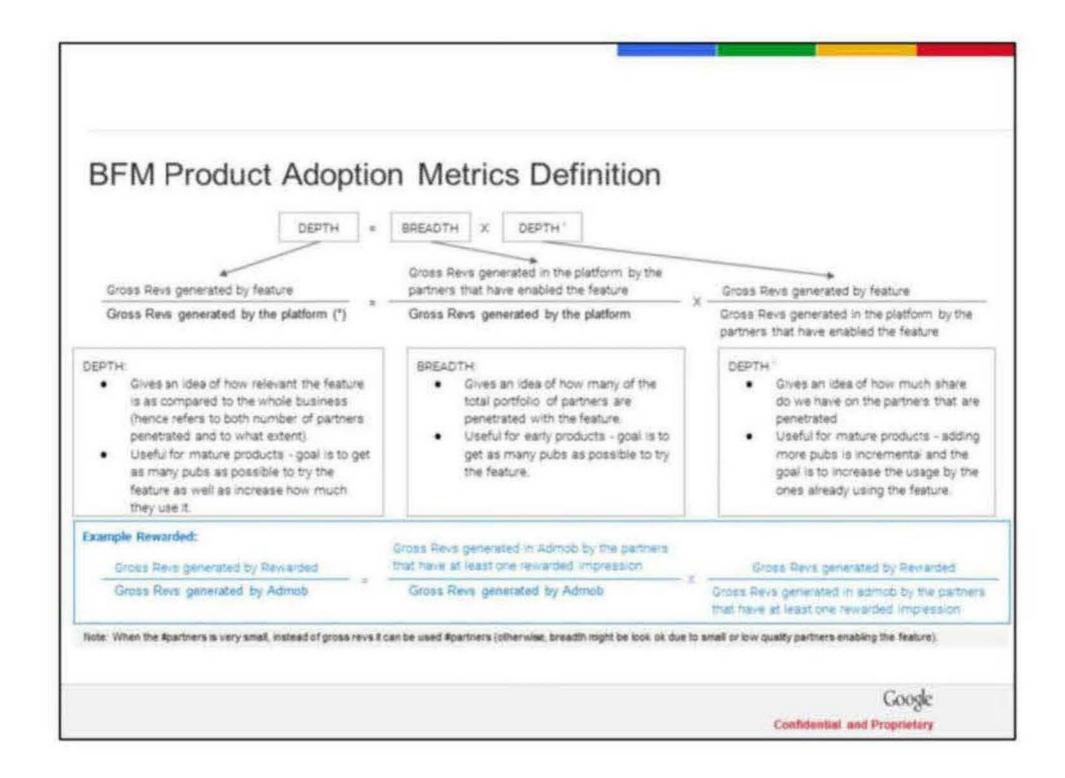


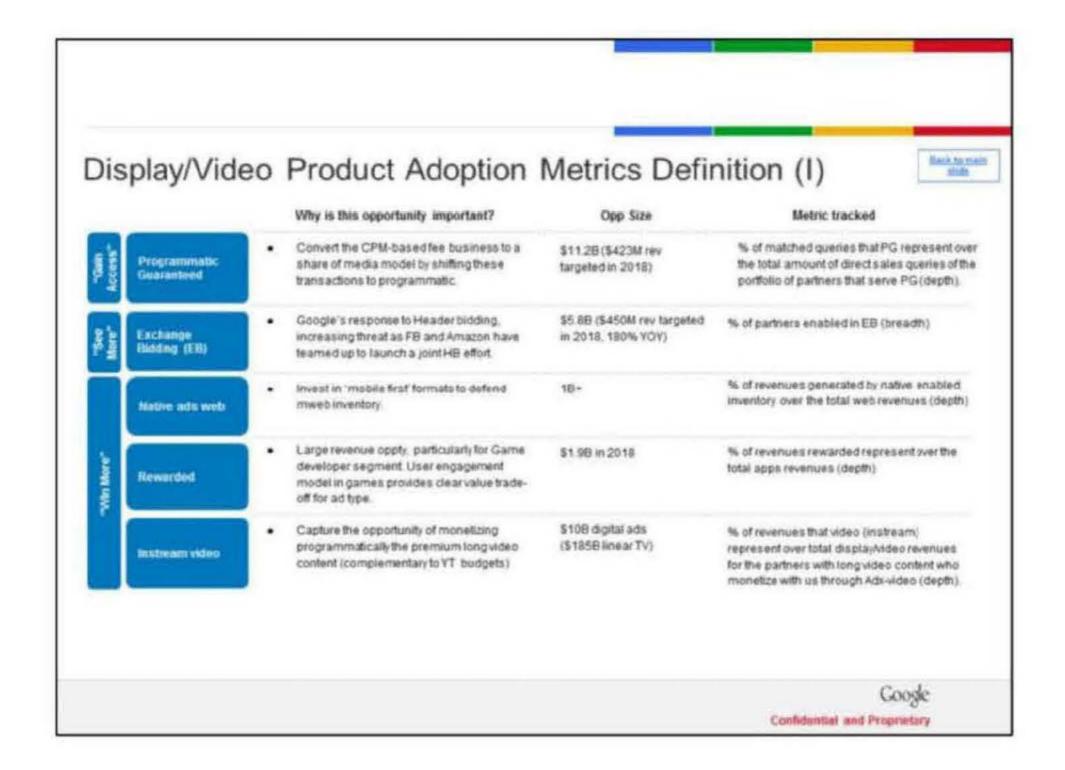












## OPPORTUNITY SIZE

EB: 5.8B represents the total dollar value transacting on DFP via line items by Indirect Competitors that AdX is eligible to compete against. This is where HB competitors transact but they are nowhere near the \$5.8B at this point. Most of the opportunity is still tied up in traditional line items transactions (avg price). Both Google and HB are going after this same opportunity. There is another pool of Indirect inventory in DFP that AdX does not get to compete against. This represents \$2.5B in publisher revenue (totaling \$8.3B in Indirect line item based revenue in DFP). There are valid reason for AdX not competing, namely policy. It could also be that pubs have made a mistake or have deals with other indirect partners to get this access.

Two sources of opp: defend Publishers with HB who unfairly disadvantage AdX by booking HB LIs at Standard Priorities (instead of Price Priority) and/or using correct sub-optimal HB LIs pricing granularity in DFP.

5.8B represents the total dollar value transacting on DFP via line items by Indirect Competitors that AdX is eligible to compete against.. This is where HB competitors transact but they are nowhere near the \$5.8B at this point. Most of the opportunity is still tied up in traditional line items transactions (avg price). Both Google and HB are going after this same opportunity. There is another pool of Indirect inventory in DFP that AdX does not get to compete against. This represents \$2.5B in publisher revenue (totaling \$8.3B in Indirect line item based revenue in DFP). There are valid reason for AdX not competing, namely policy. It could also be that pubs have made a mistake or have deals with other indirect partners to get this access.

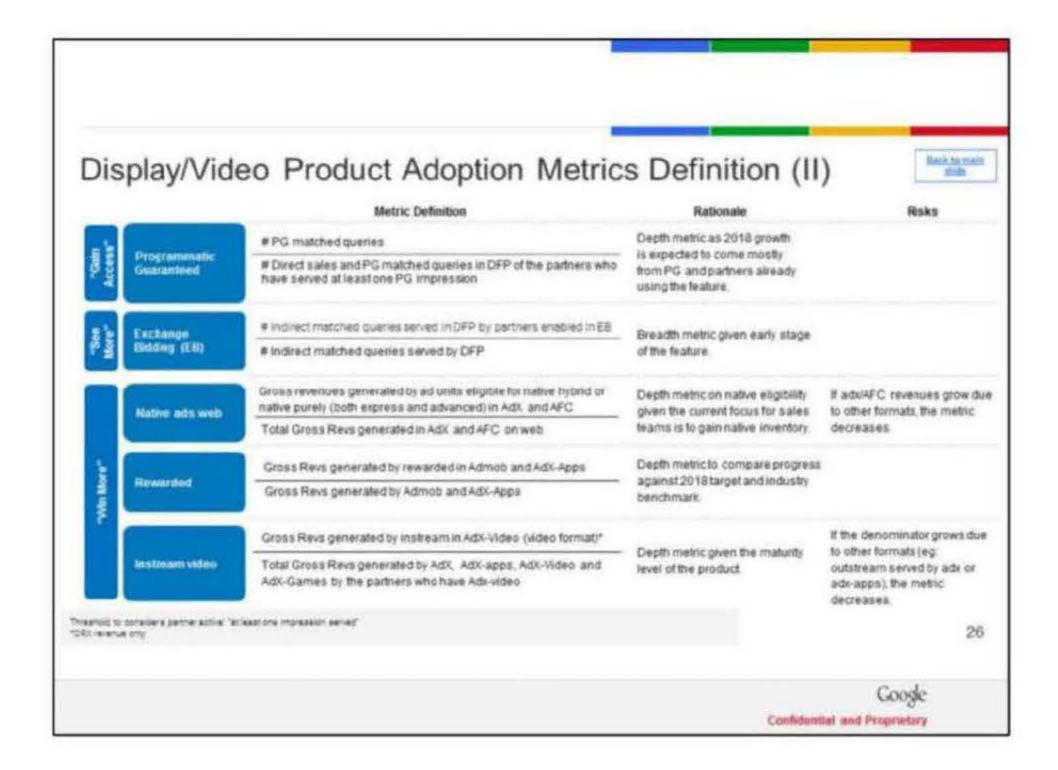
Currently: 206 pubs with 14 exchanges (\$86M captured YTD) with an ARR of \$260M - represents about 4% of AdX revenues - source: OPG Q3 QBR

Native web: No externally-vertified estimates of Native Web market; internal rough estimates from \$500M to \$1B in 2018. Critical assumption is degree to which native replaces banner (so not incremental inventory necessarily). GSL recommends using the wide range.

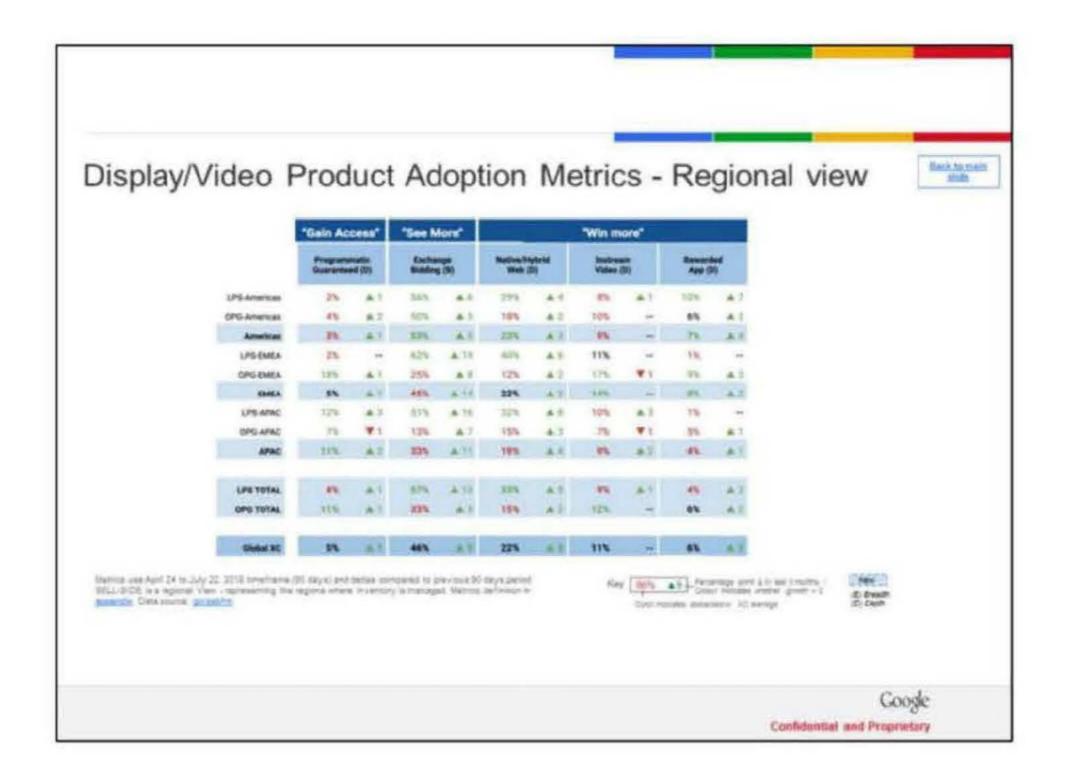
Video: Using the Industry metrics projections (minus YouTube projections for 2018) brings the opportunity size to \$30B. That includes instream & outstream; there aren't reliable estimates for instream and oustream broken out (source for US instream: \$4.7B)

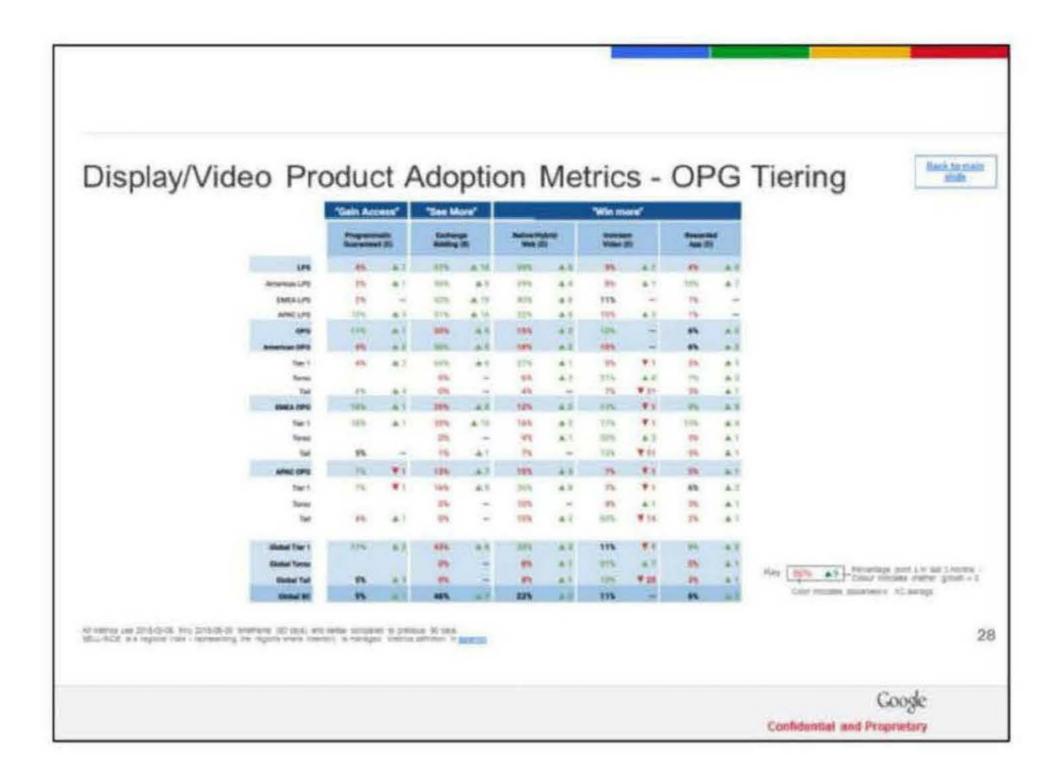
## Rewarded estimations and Project Contra

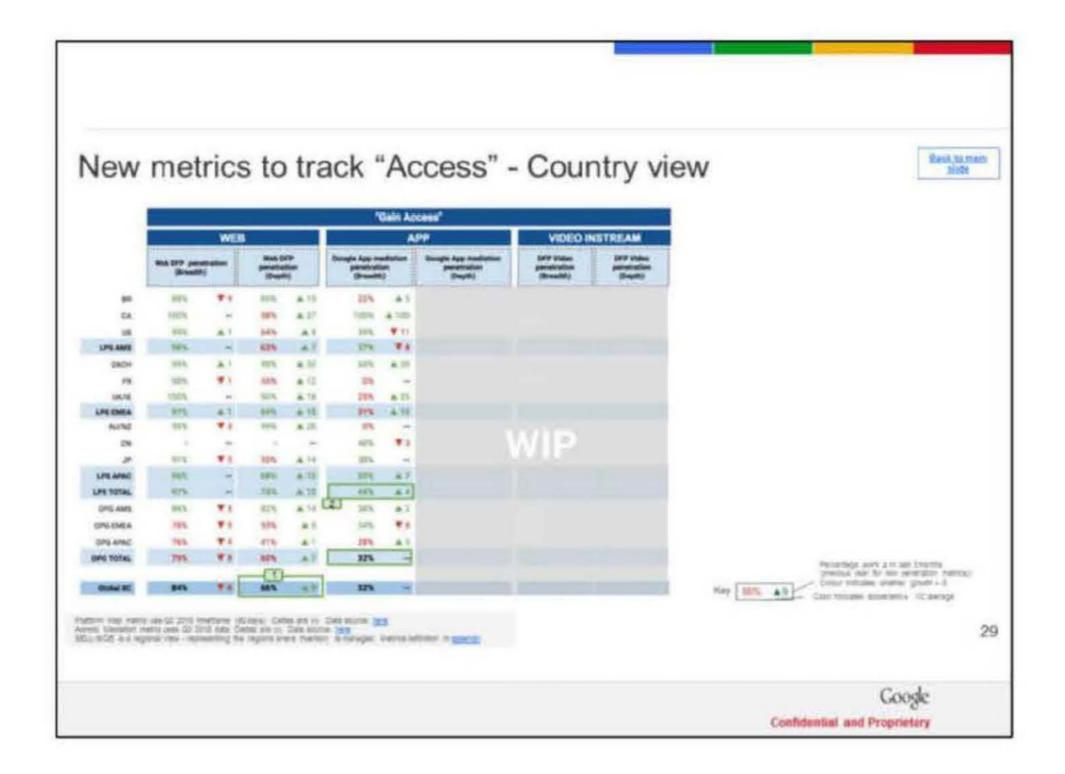
Native apps: IHS Technology the future of mobile advertising: 2018 Native 3rd party in North America \$1.5B, EMEA \$0.6M, APAC \$0.8M; internal estimations placed the native app opp in \$2B in 2016.

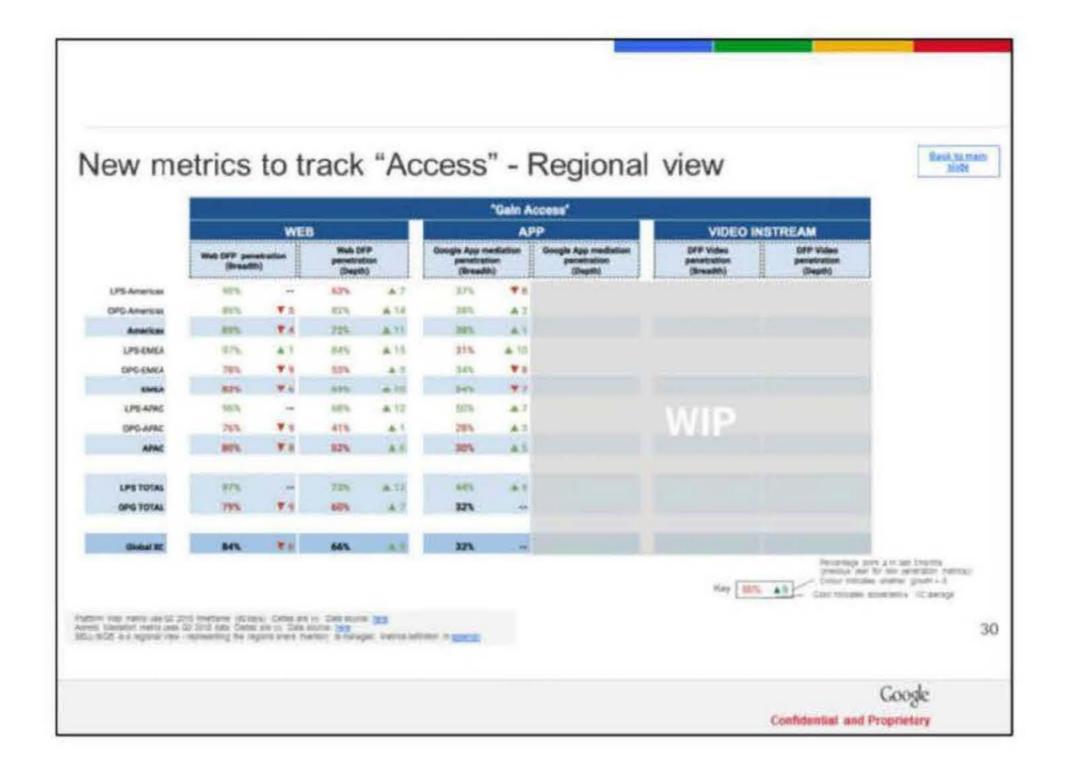


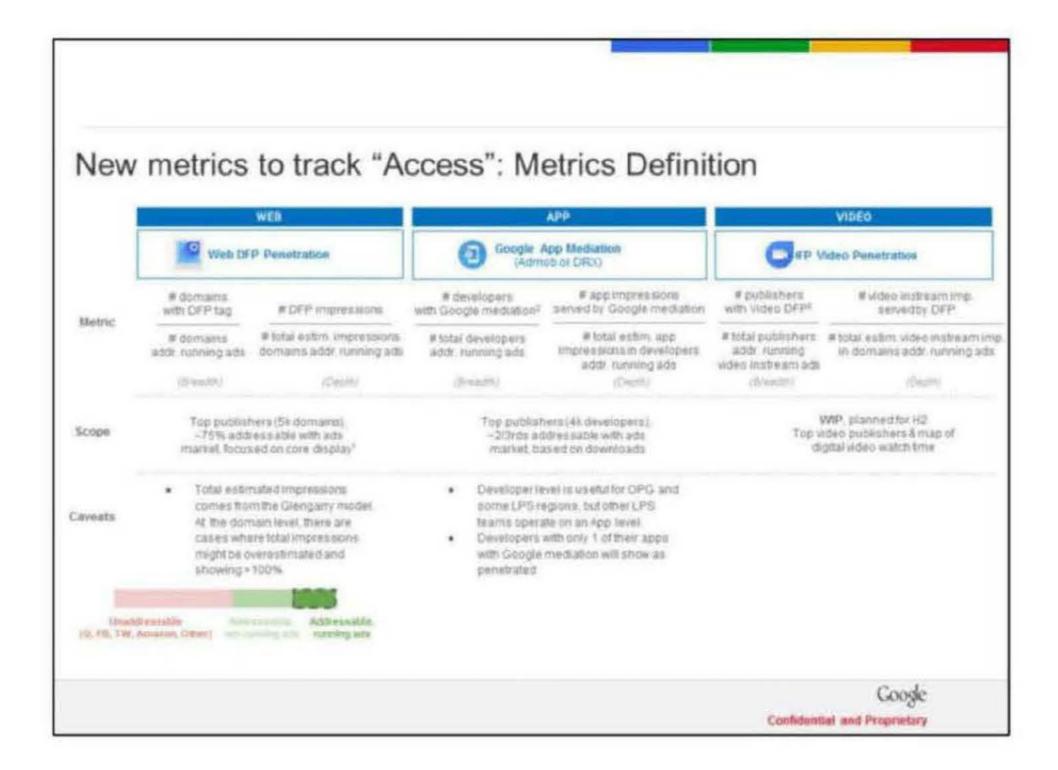
Metrics Goals: here



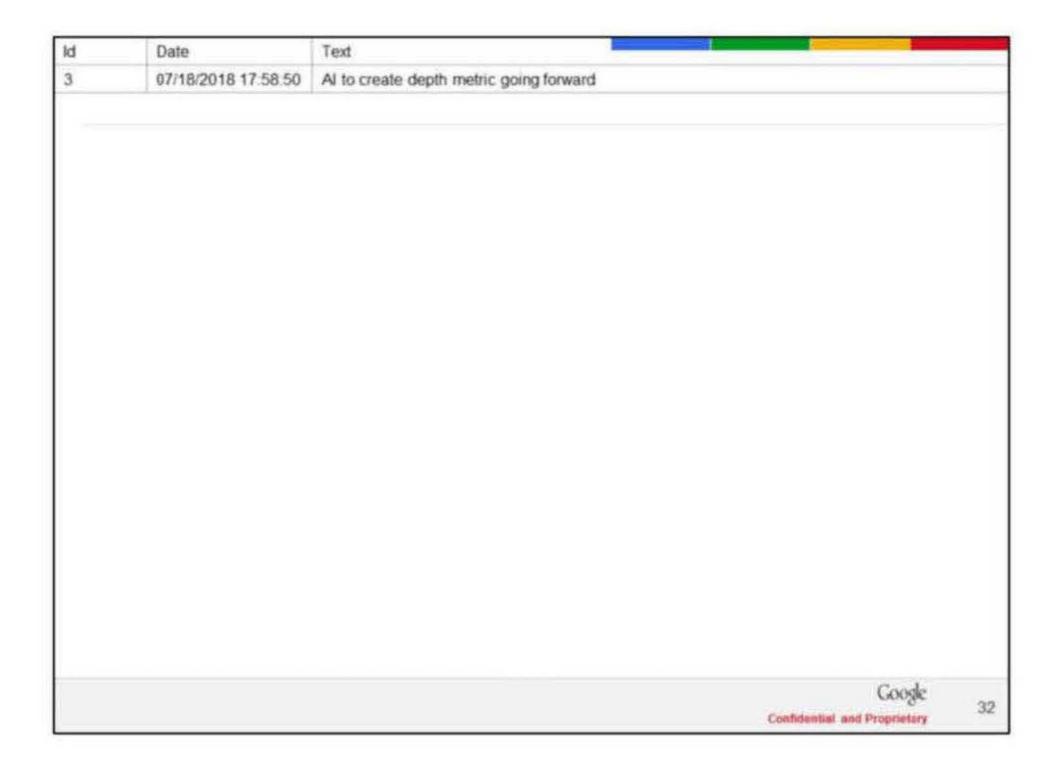


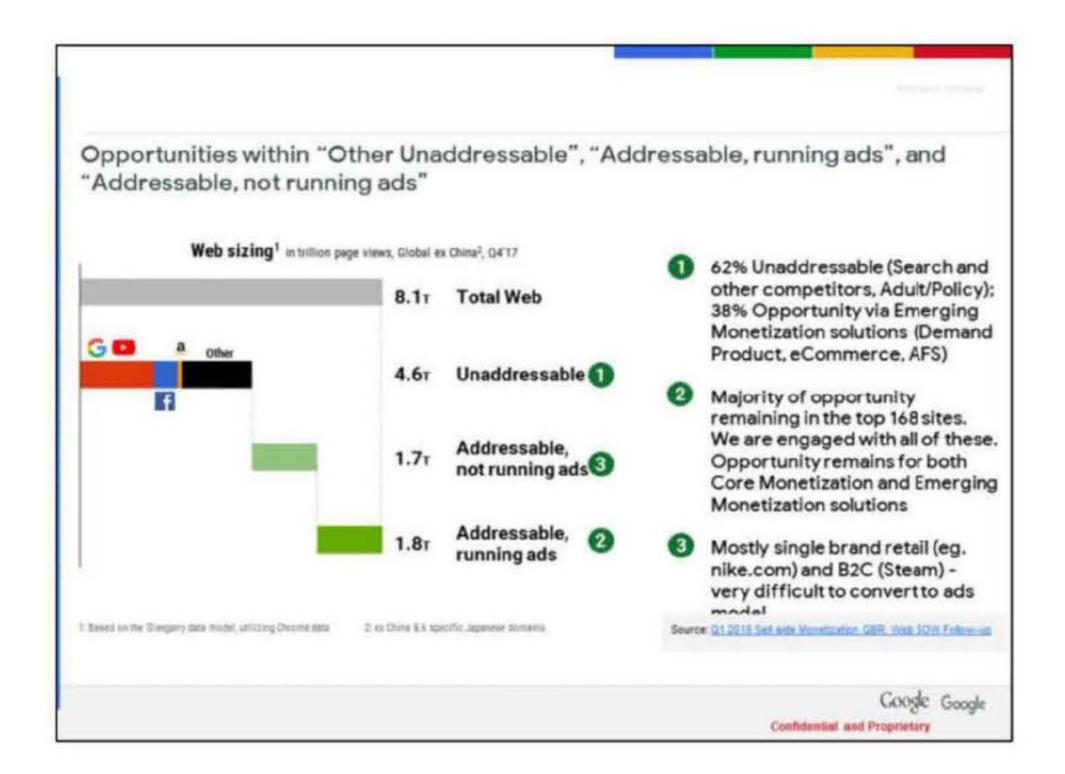


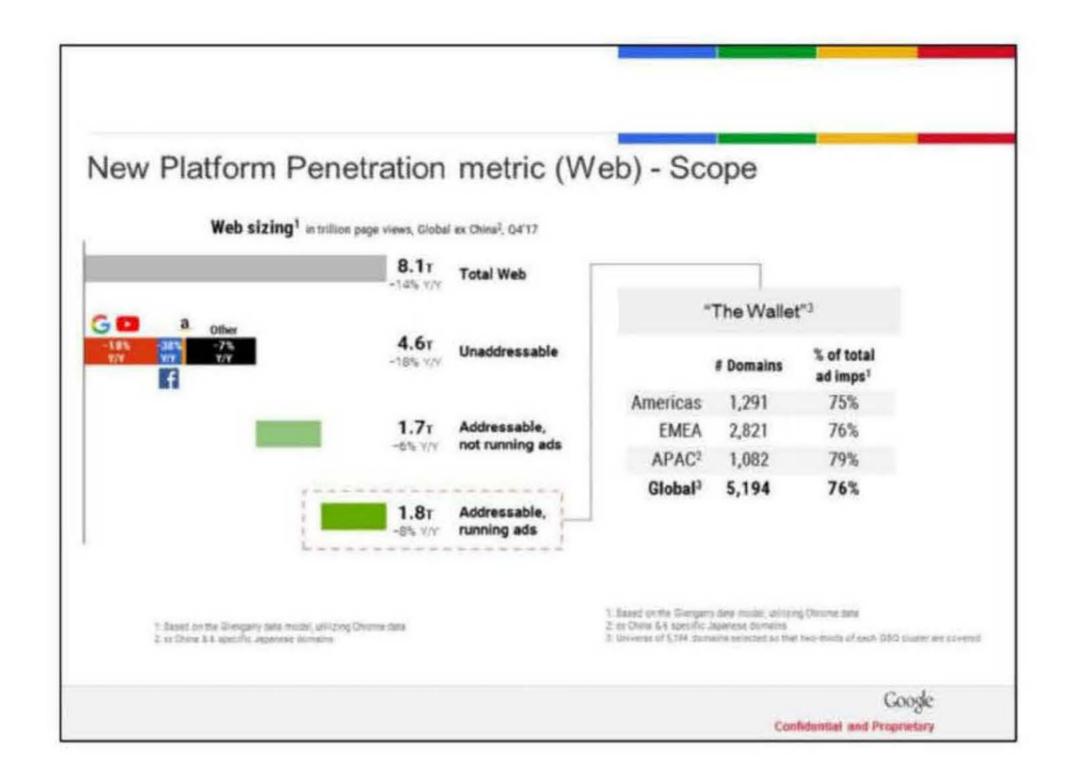


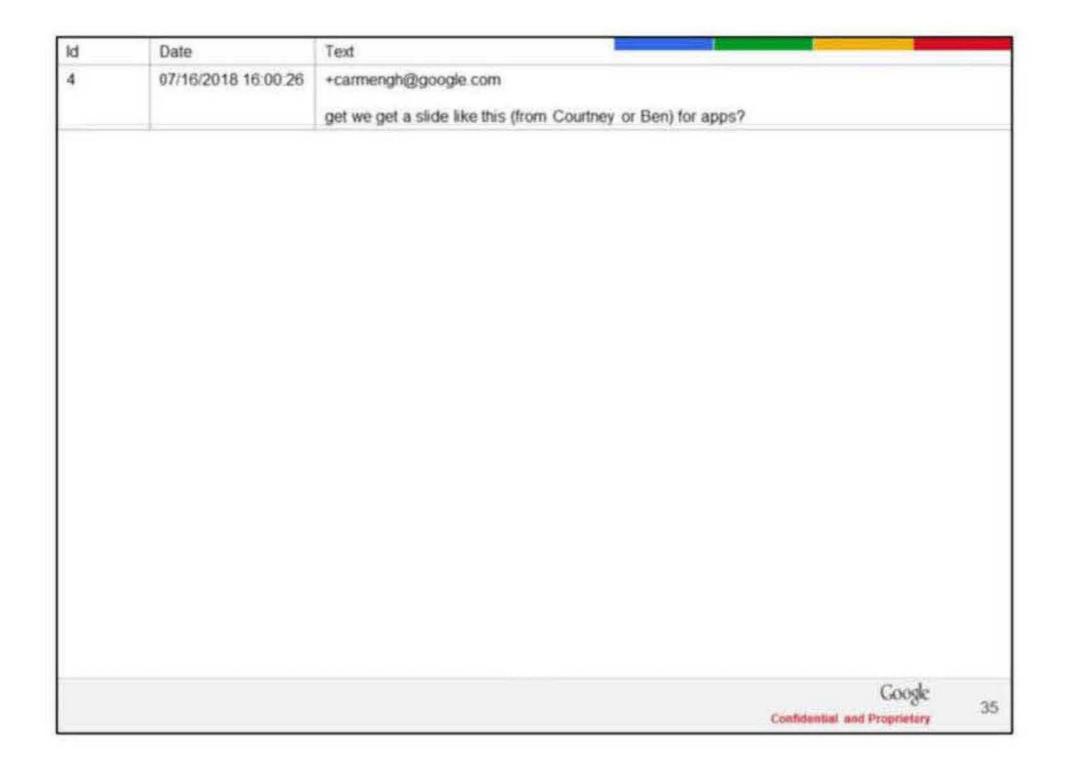


2018 priority OKRs to drive platform access: (70+ flips from Top 1000 pubs; 1000+ SoV optimizations) - OPG only OKR

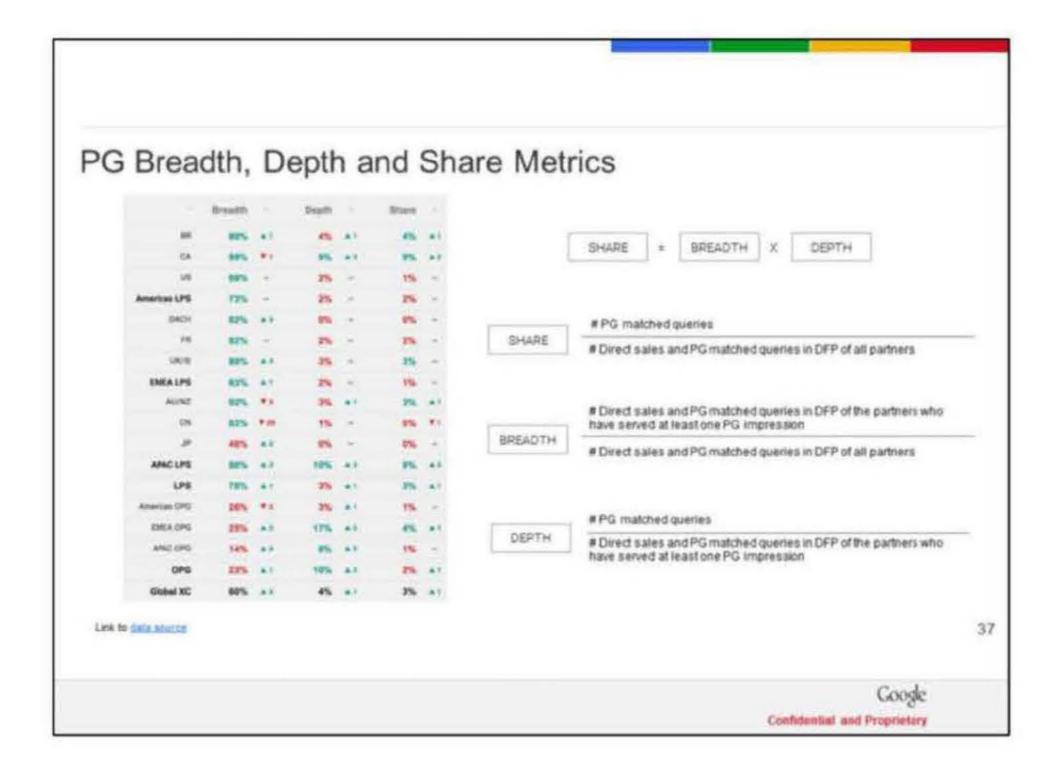


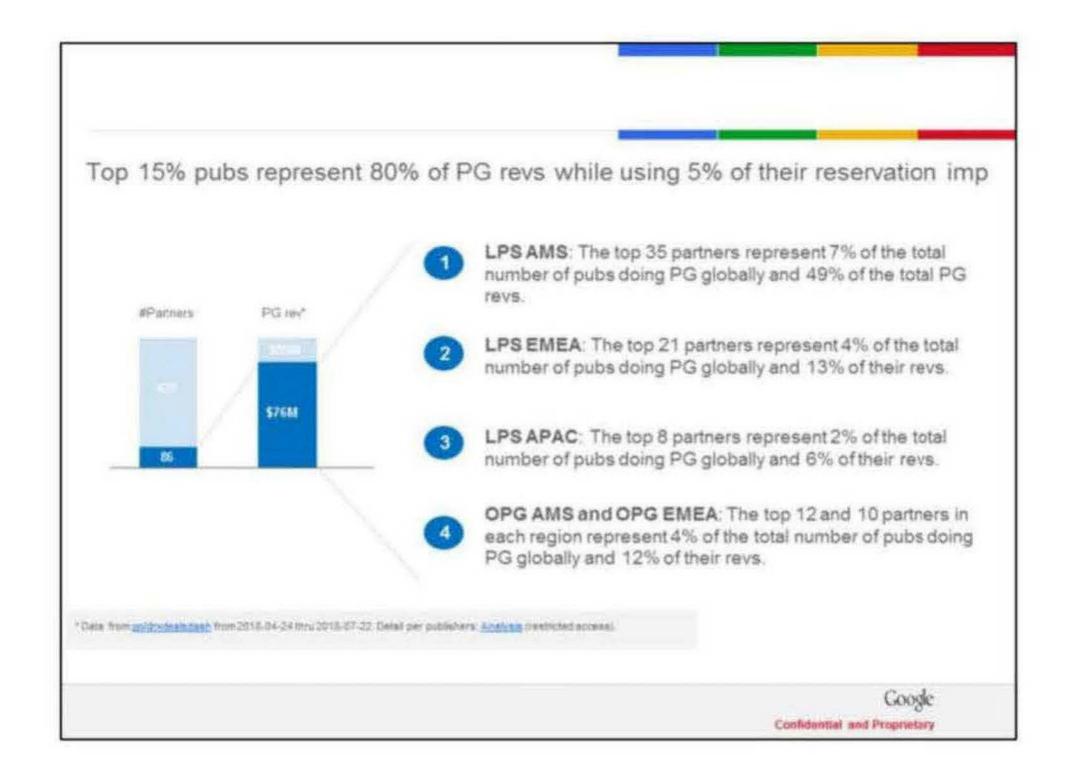


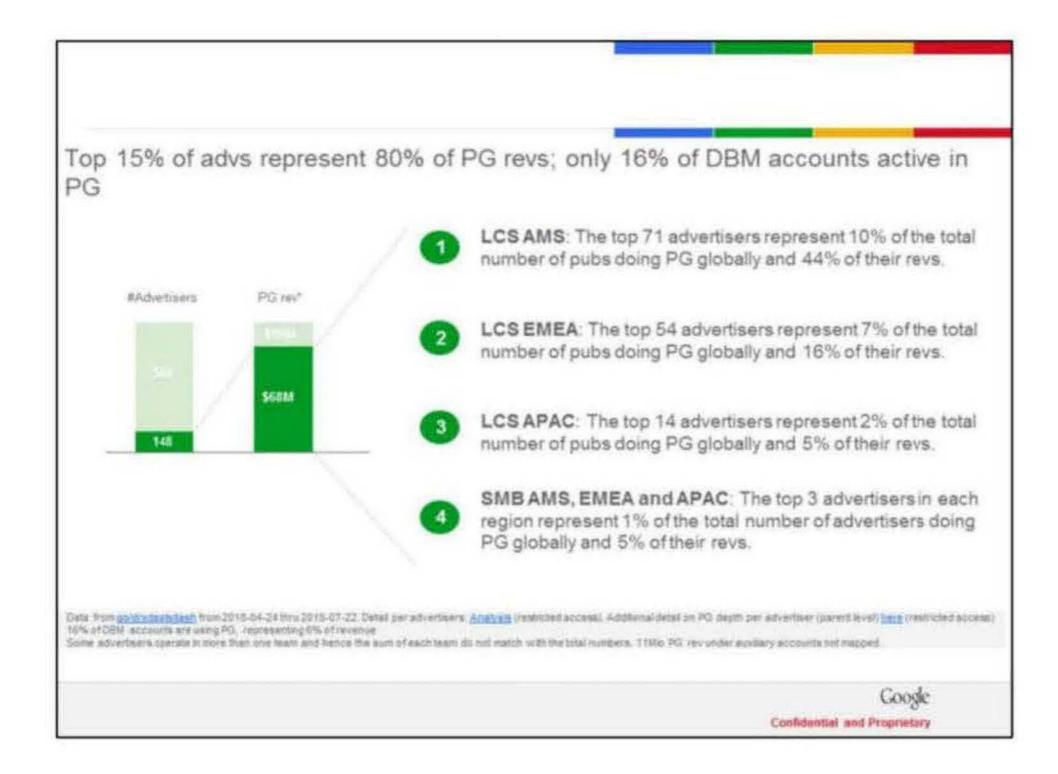


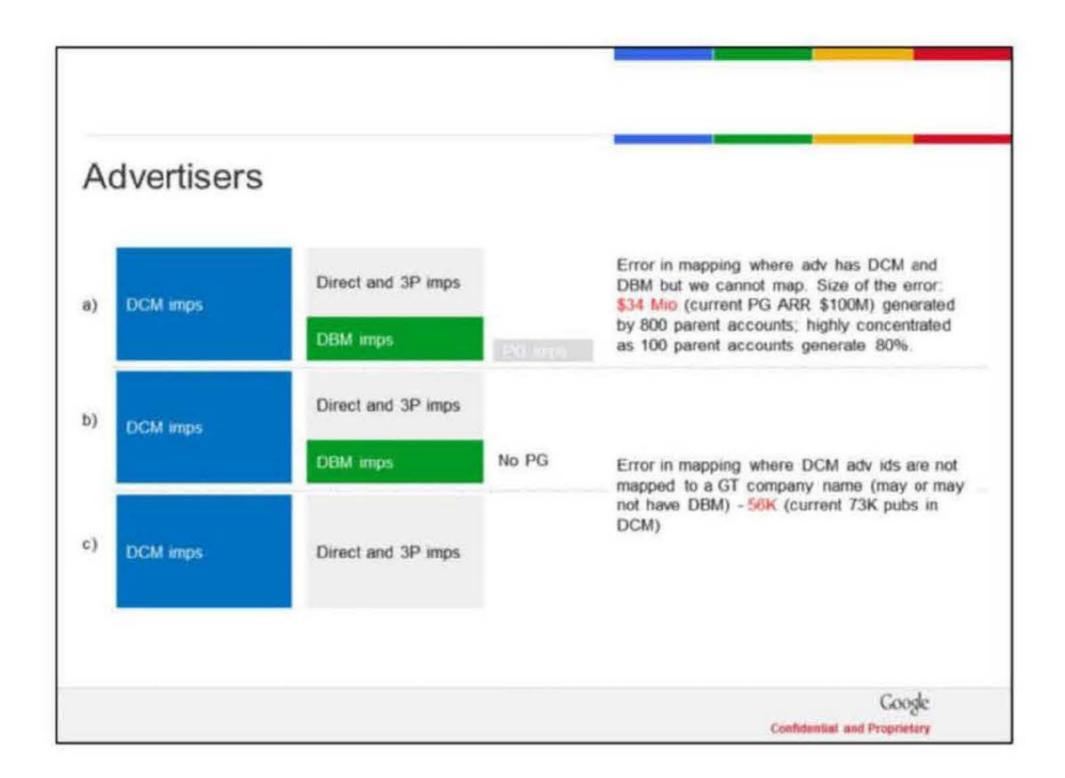




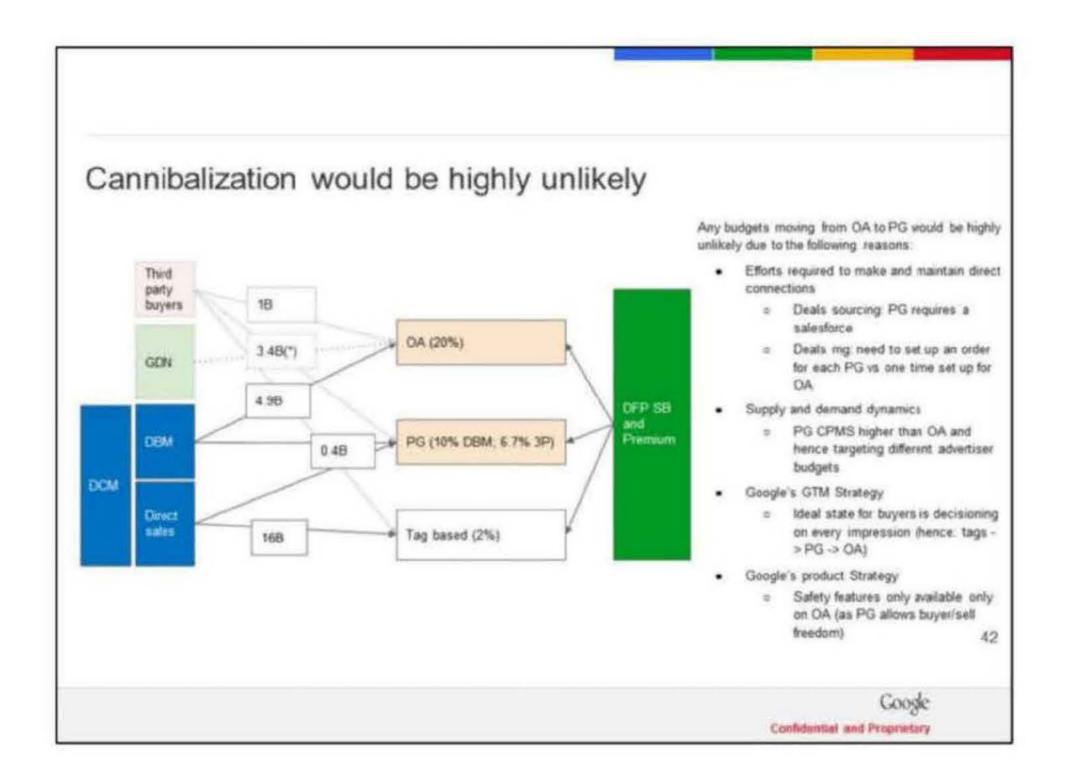


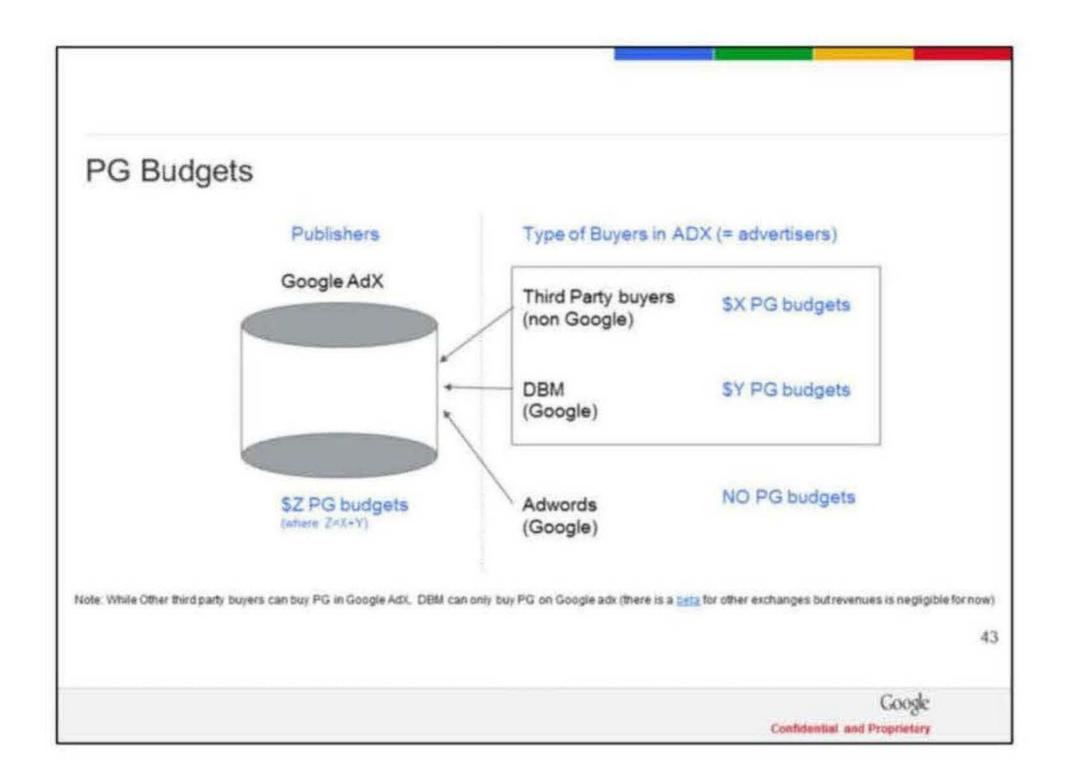


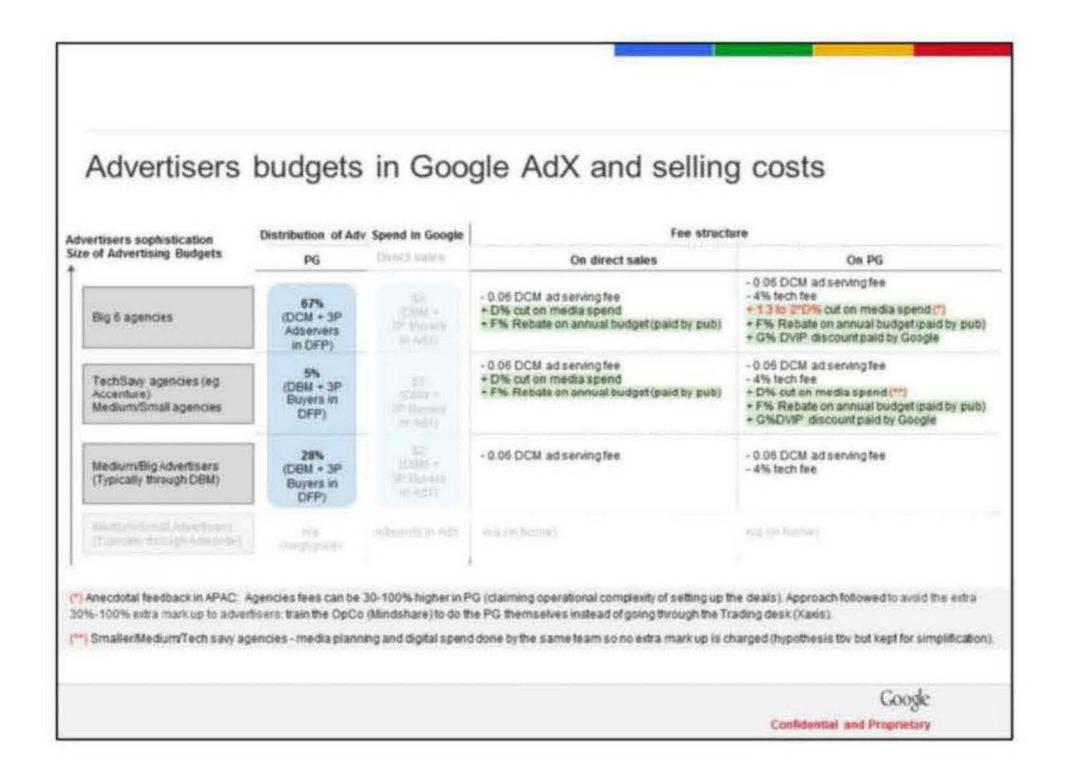


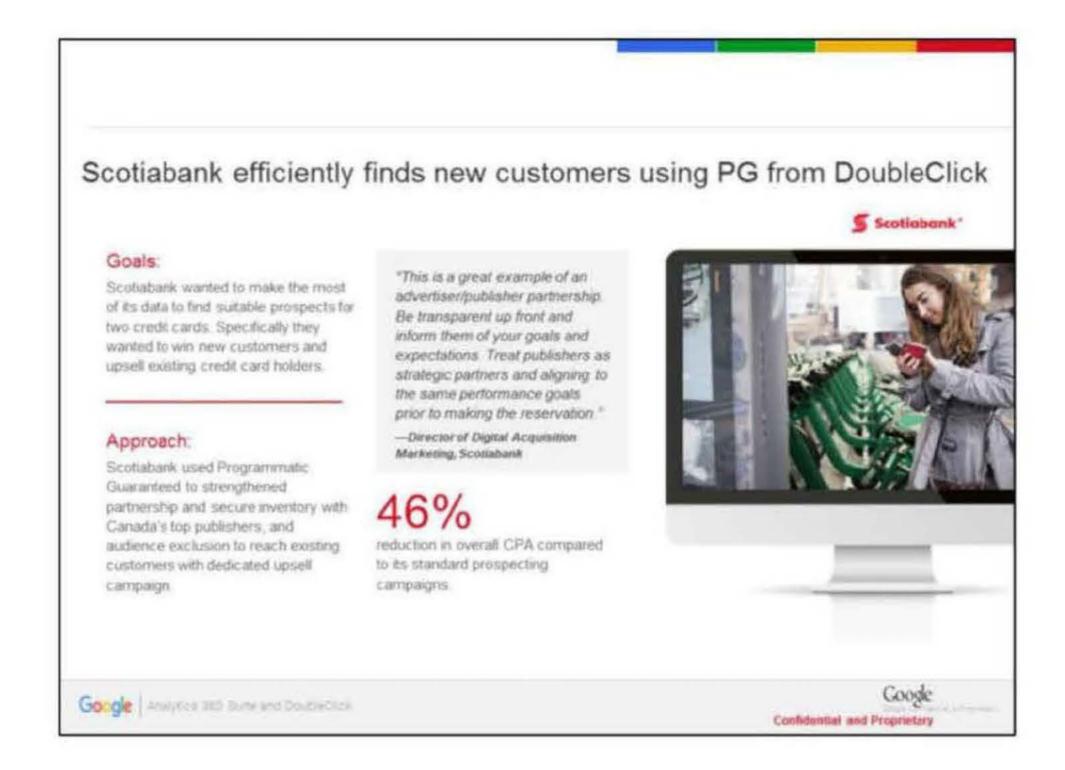


ld	Date	Text	
1	07/26/2018 20:53:07	+jnussbaum@google.com Hi Jess, I just setup some time for us to chat tomorrow to disculive.	uss thi
		After the latest BFM review with execs, we've been asked to provide a data-driven list of t PG prospects. We have the data on top PG spenders and Diego is working on also pulling advertisers not yet spending on PG. We're hoping you (along with the buyside GTM team help us validate whether this list makes sense.  (FYI +carmengh@google.com)  _Assigned to Jessica Nussbaum_	]









Scotiabank efficiently finds new customers using Programmatic Guaranteed from DoubleClick

## GOALS

Win new customers Upsell existing credit card holders

## **APPROACH**

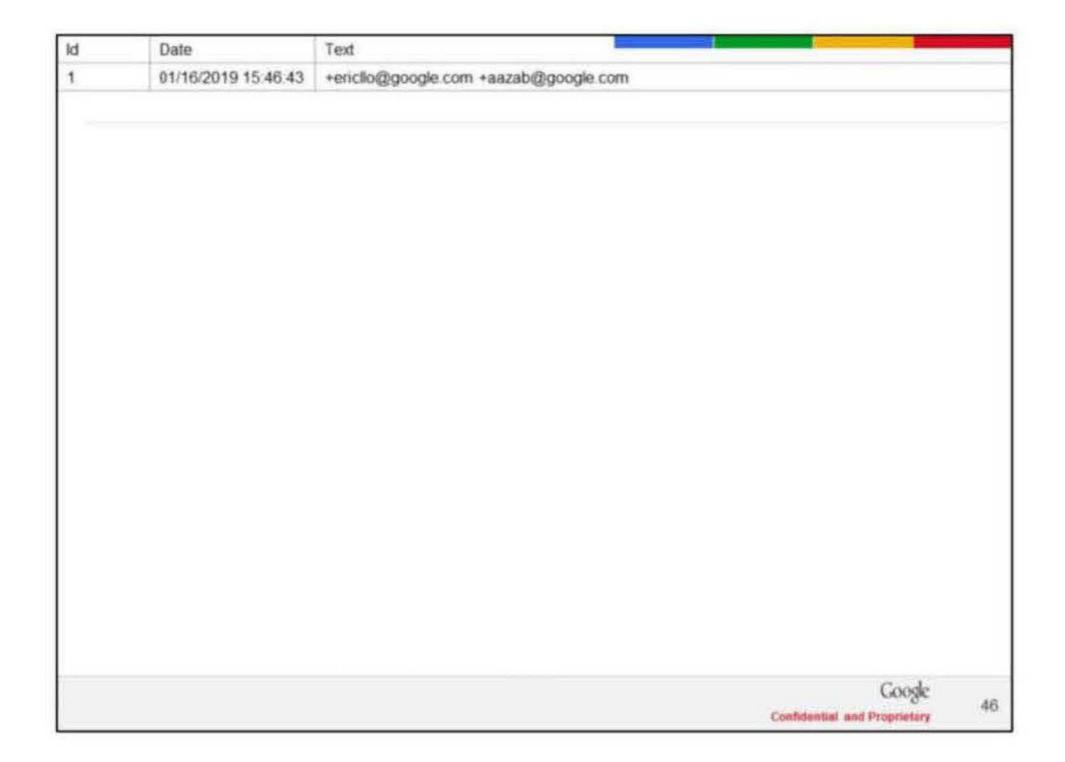
Used Programmatic Guaranteed to secure inventory with Canada's top publishers Used audience exclusion to reach existing customers with dedicated upsell campaign

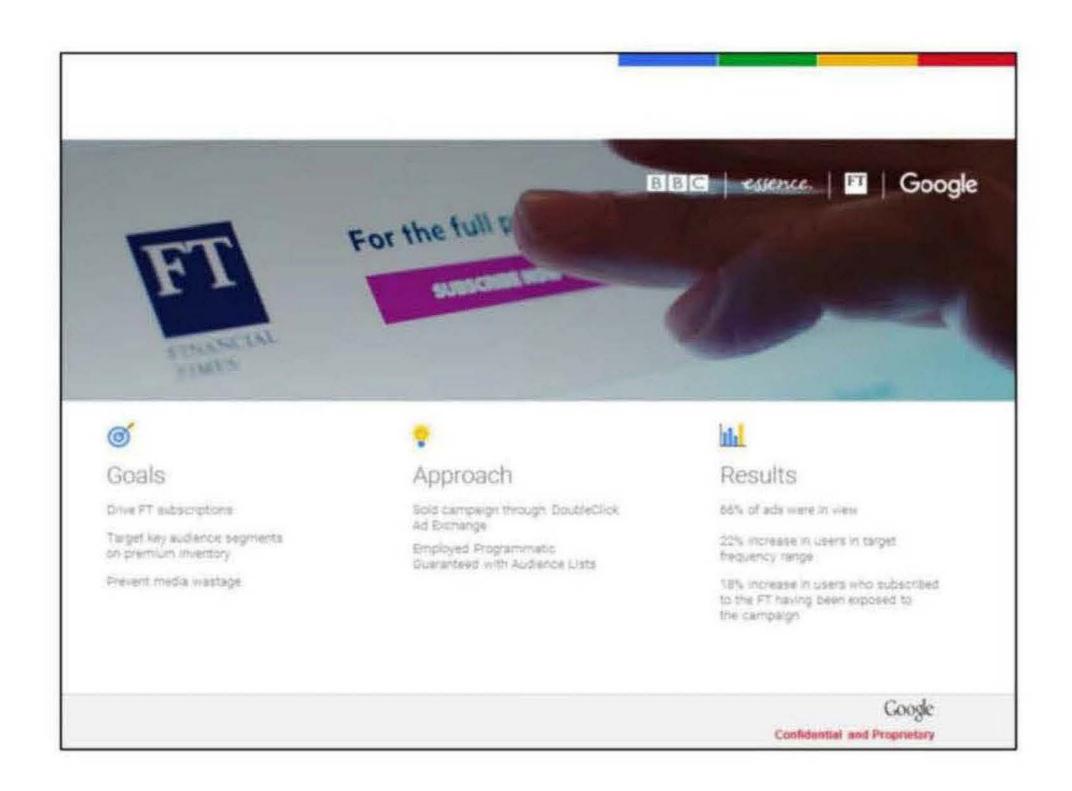
## RESULTS

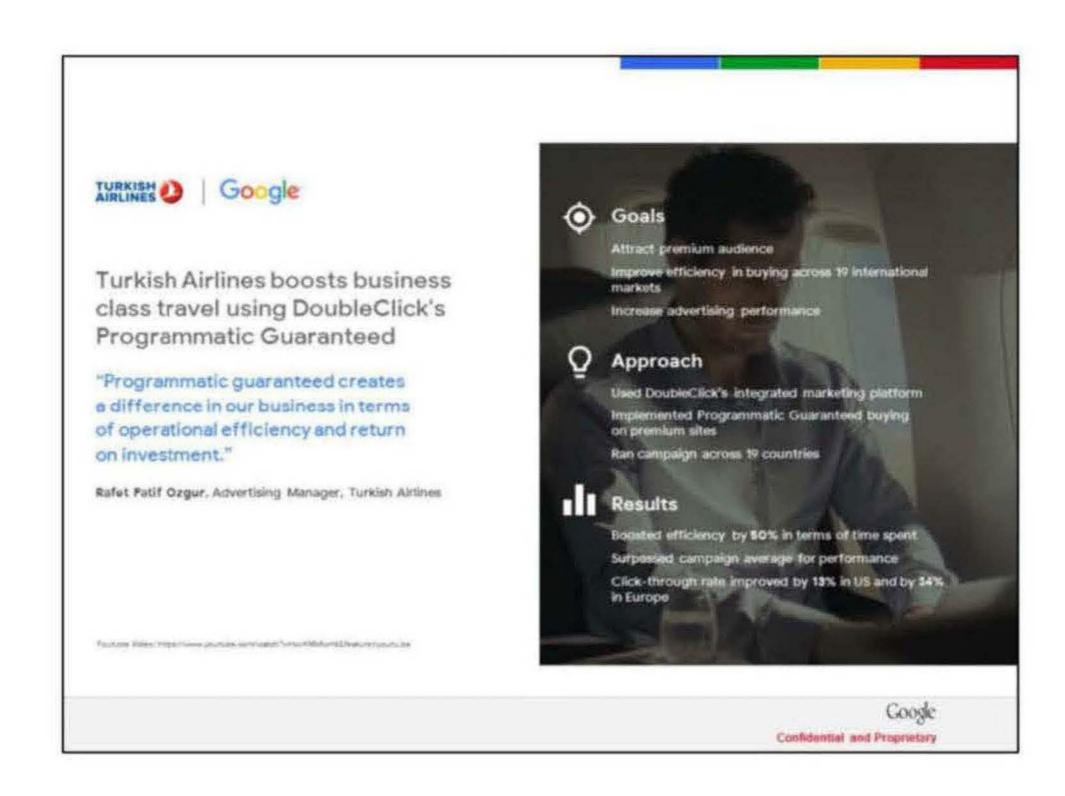
Strengthened partnership with key publishers Reduced the overall cost per acquisition (CPA) by 46%

## SOURCE:

https://www.doubleclickbygoogle.com/articles/scotiabank-efficiently-finds-newcustomers-using-programmatic-guaranteed-doubleclick/









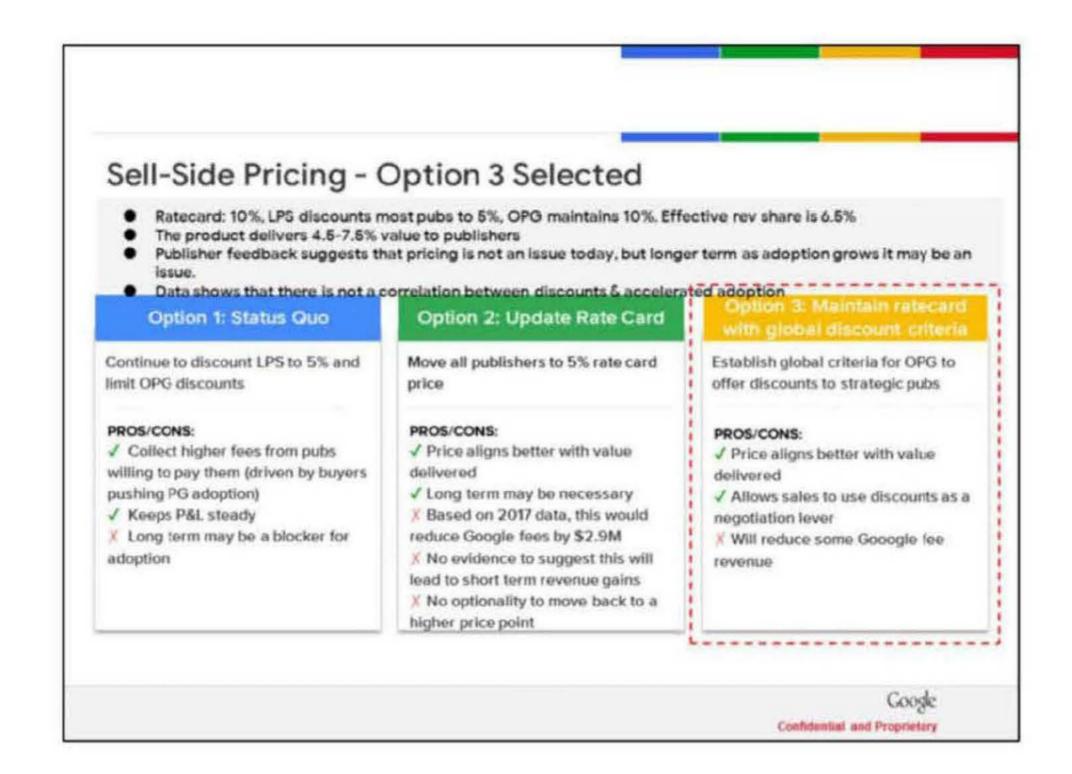
Want to talk about TripAdvisor, which is our largest partner today in terms of PG spend (followed closely by CBS)

Leadership bought in early into the value proposition of PG

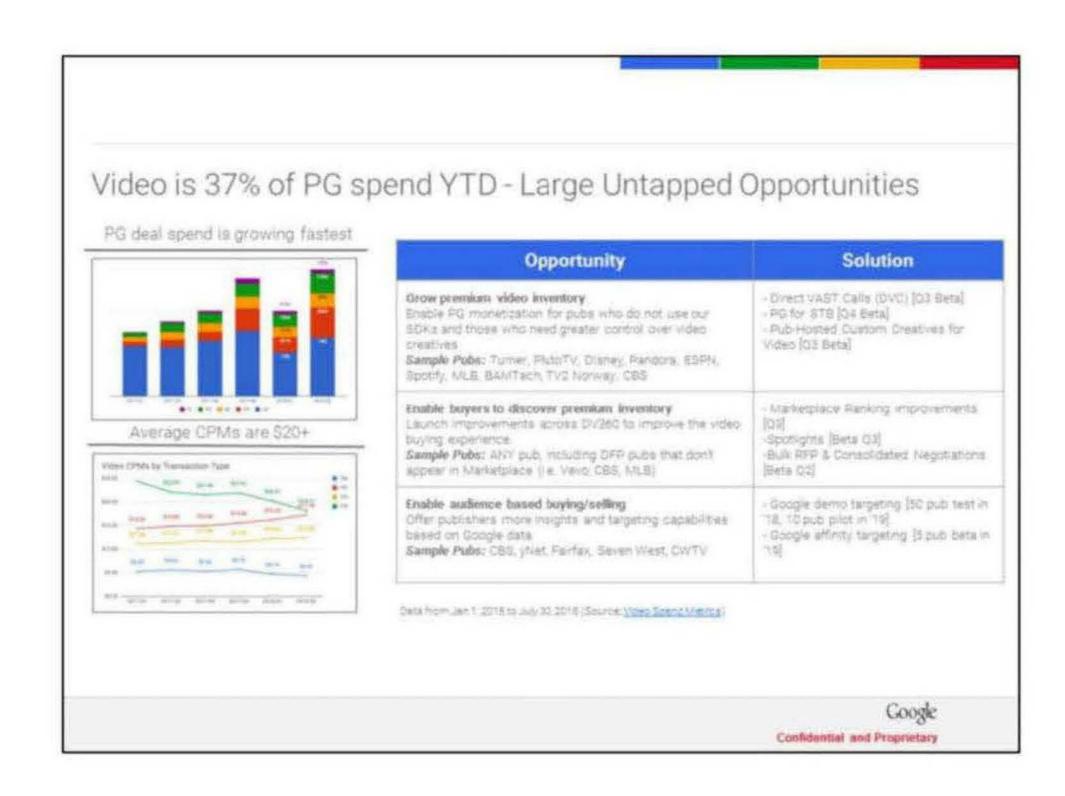
Two factors leading TA to be able to influence transaction type (PG) compared to other publishers

Do not transact via any other deal type for US inventory

One of three major players in the digital travel space

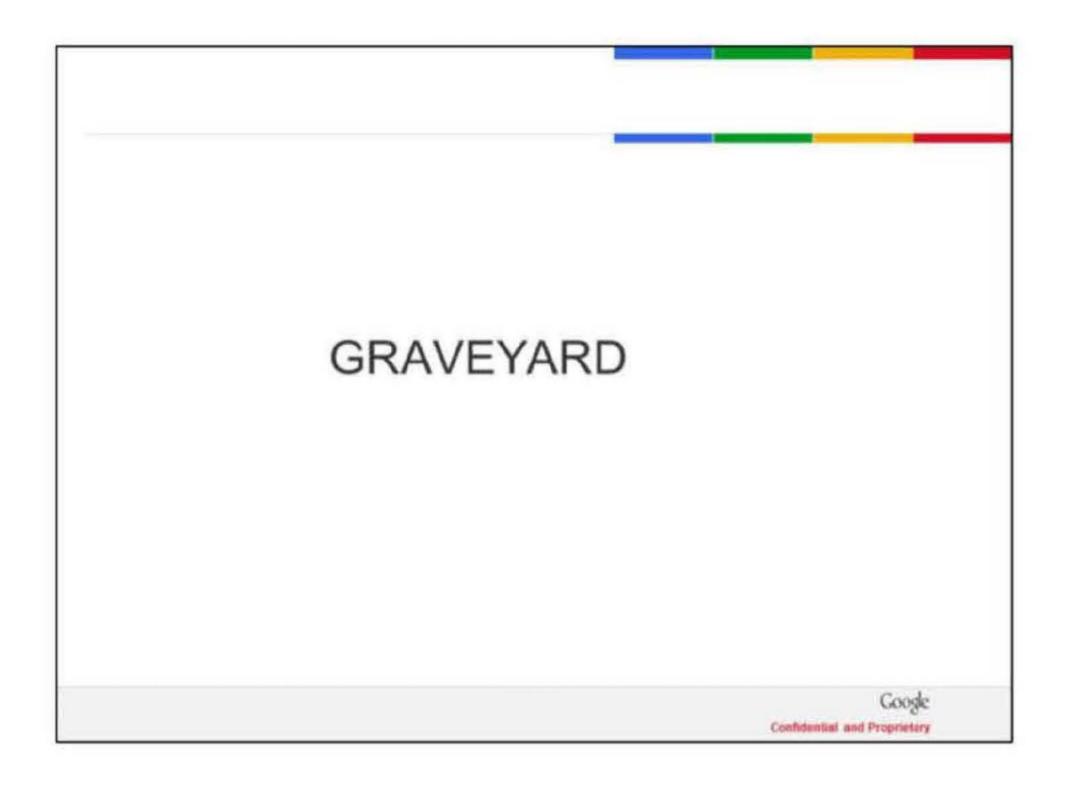


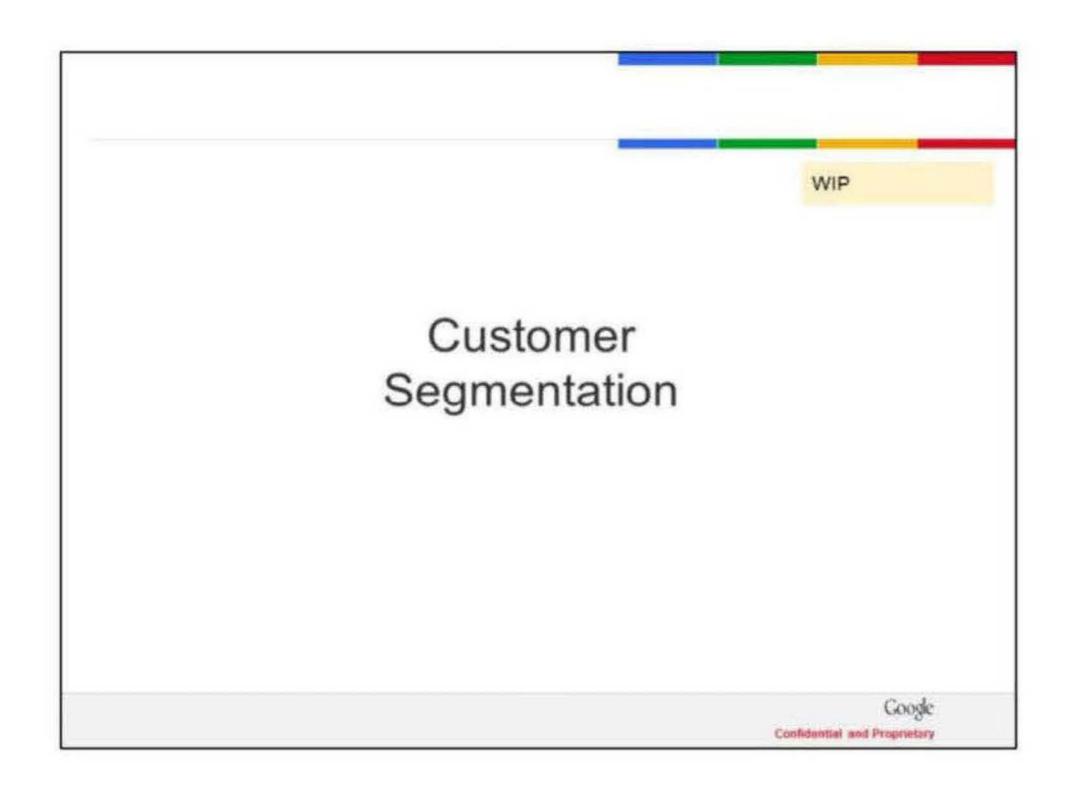
~			
-(-	Dee	ep Dive: Top Product Asks	
riio.	Buy/Sall	Product Ask	Status
0	Buy	Buy-Side their Access for Media Planners: Reservation budget holders and media planners cannot access DBM due to limited permissioning capabilities. We need to unblock their access today vs. waiting for a shift in the ecosystem.	ZH Beta
0	Bury	Buy-Bide PG with Frequency Management (DBM): Allow buyers to mensige frequency on their PG campaigns	2H GA
C	Both	Makegood Support: Ac servers allow for make-goods, which are necessary for true consolidation & reservation parity	Not
0	Both	Rich Media Support. We need to support advanced creatives that are prevalent in reservation buys. This is a parity feature and will boost revenue (these creatives have higher CPMs)	fish Committee
0	Both	Serviceshility Investments: In order for PG to scale, we must continue to invest in features that prevent users from making mistakes om the products and serf-service troubleshooting improvements.	Ongoing
0	Buth	CPM Sporsorships: Allow pulsate self-sponsorships based on CPM pricing	2H Seta
1	thery	PG with Buyer Decisioning (AdX Buyers): Allow its buyers the ability to case on impressions while still meeting the PG committed goal.	2H Bata
1	Self	Multi-Account Payment Support: Ability to disperse payments to separate AdX accounts incl. those using different currencies	2H Beta
1	Self	Direct Vast Calls: Allow pubs who do not use our SDKs to monetize video content via PG	2H Beta
1	Self	Google Affinity & Demo Targeting: Allow pubs to target include/exclude Google affinity/demo segments to drive higher CPMs.	tH 19 Limits Sets (10 pubs)
2	Self	Pricing recommendations/benchmarks: Pubsiare not gaining incremental value from features like Audience Guarantees. In product pricing recommendations are key to helping publishers get the maximum value from their inventory.	Not Committee
2	Buy	Inventory Recommendations: This is needed to scale match-making efforts between buyers and pubs.	Past. Committee
2	Buy	Buy-Side Reporting Improvements: Unique reach reporting at the campaign level and UI stats to show impressions passed when consolidated linked back to media CPM to show value.	Nor

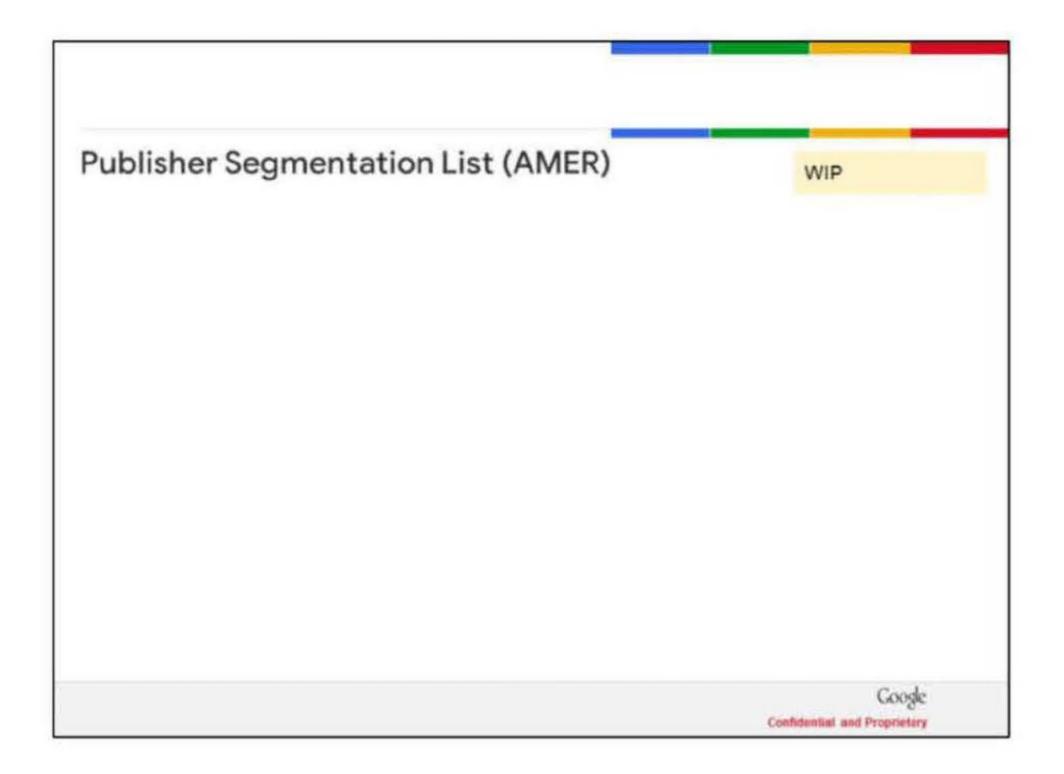


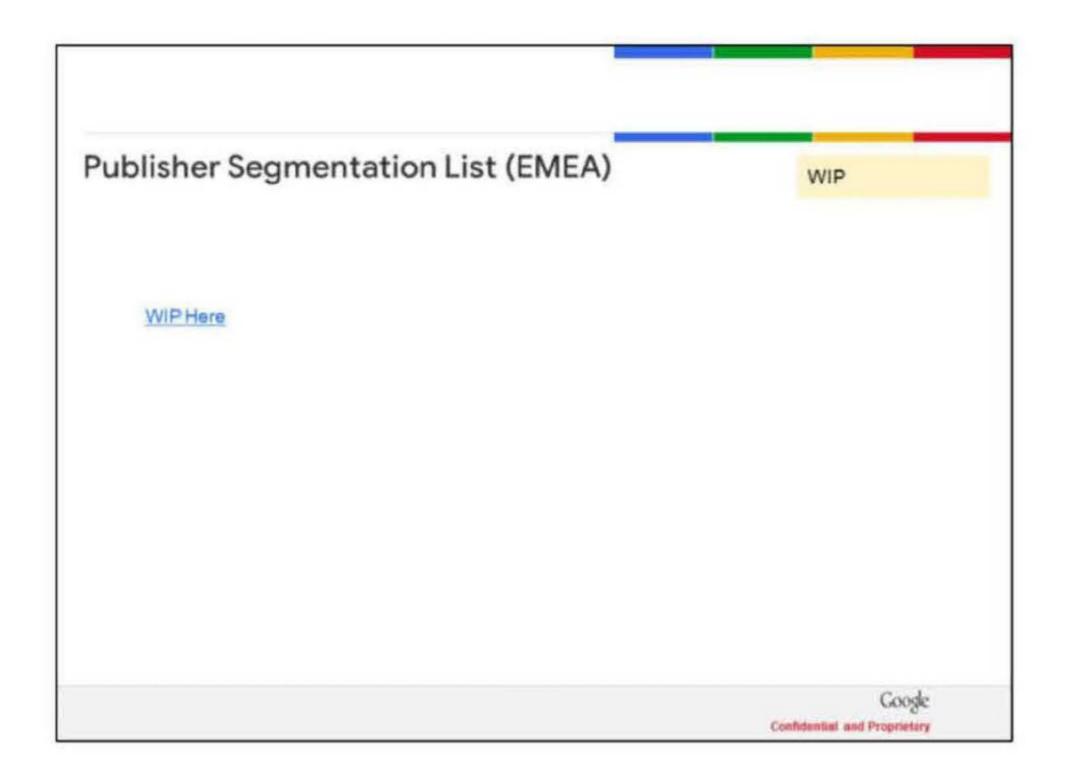


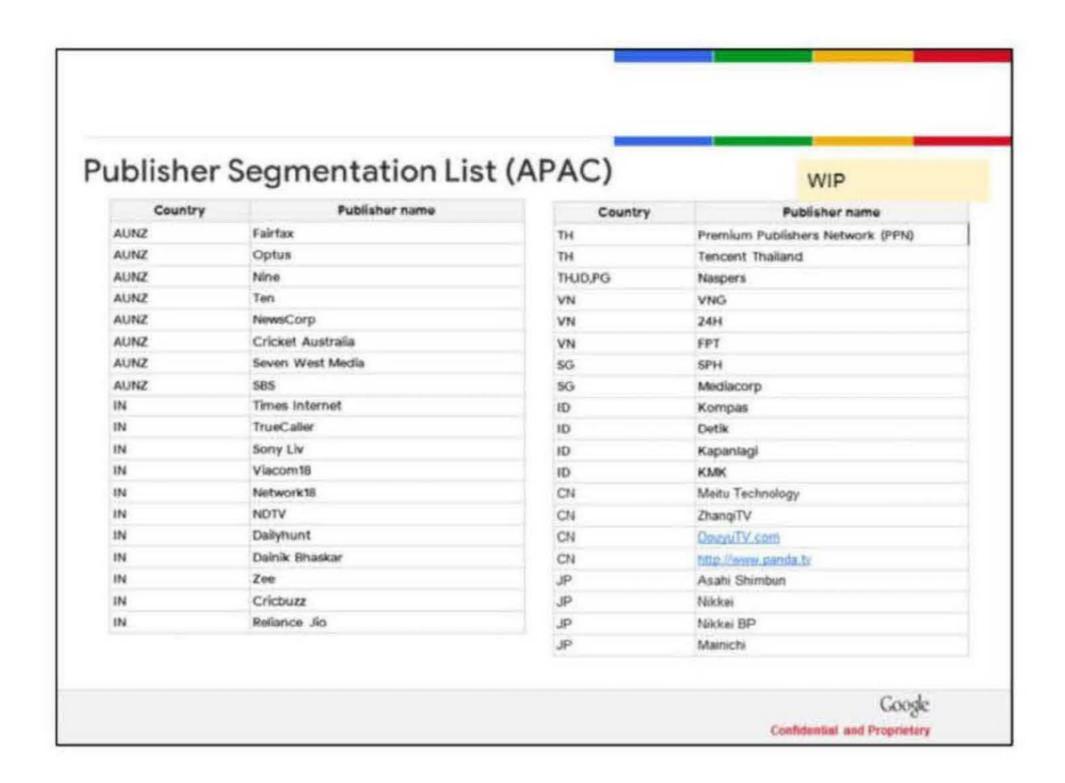
ld	Date	Text
1	08/01/2018 17:49:15	Given the previous slide mentions discoverability as a key challenge, I think that address this issue, no?
1	08/01/2018 18:16:33	Discoverability is more about finding what we already have. I think this slide would be more or less our DRX video strategy to win more broadcasters.
2	08/02/2018 02:51:15	I am not sure what this slide is meant to add on top of whats in slide 47. Opportunity #1 being: Grow premium video inventory, with 4 solutions outlined.  Side note, I'm also a little worned we're going in circles. The BFM metric is a depth metric. % of impressions from PG / total DFP impressions. So what we're saying is to grow the depth metric we need to grow the denominator? I think the problem statement we all started with was that that metric should be growing faster.
2	08/02/2018 15:15:10	+kheinz@google.com +chrisl@google.com  Hi Kristin,  Chris and I were just chatting and we want to be prepared to address the concern that the buyside will likely raise around how we don't have all the premium video inventory in Google Ad Manager. I created the previous slide to show some of the PG-related efforts to win this inventory. Can you create a slide that shows our overall efforts across Ad Manager to win more video inventory?  +bitetti@google.com (FYI)
		Reassigned to Kristin Wiechmann

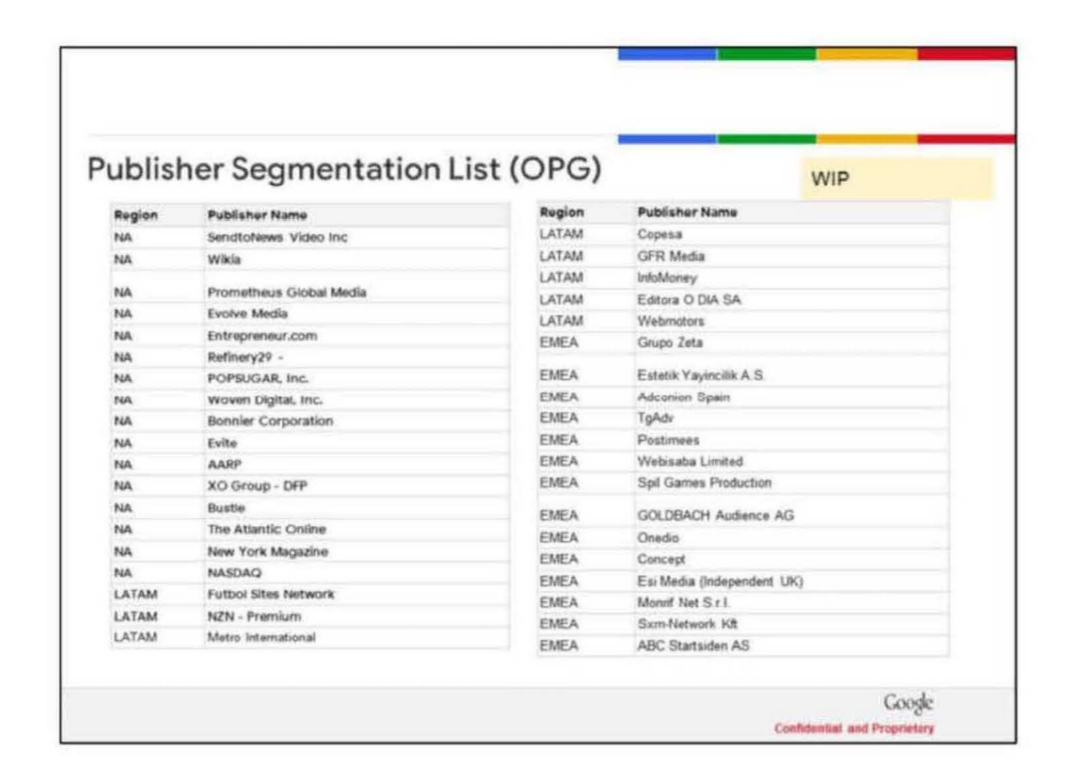


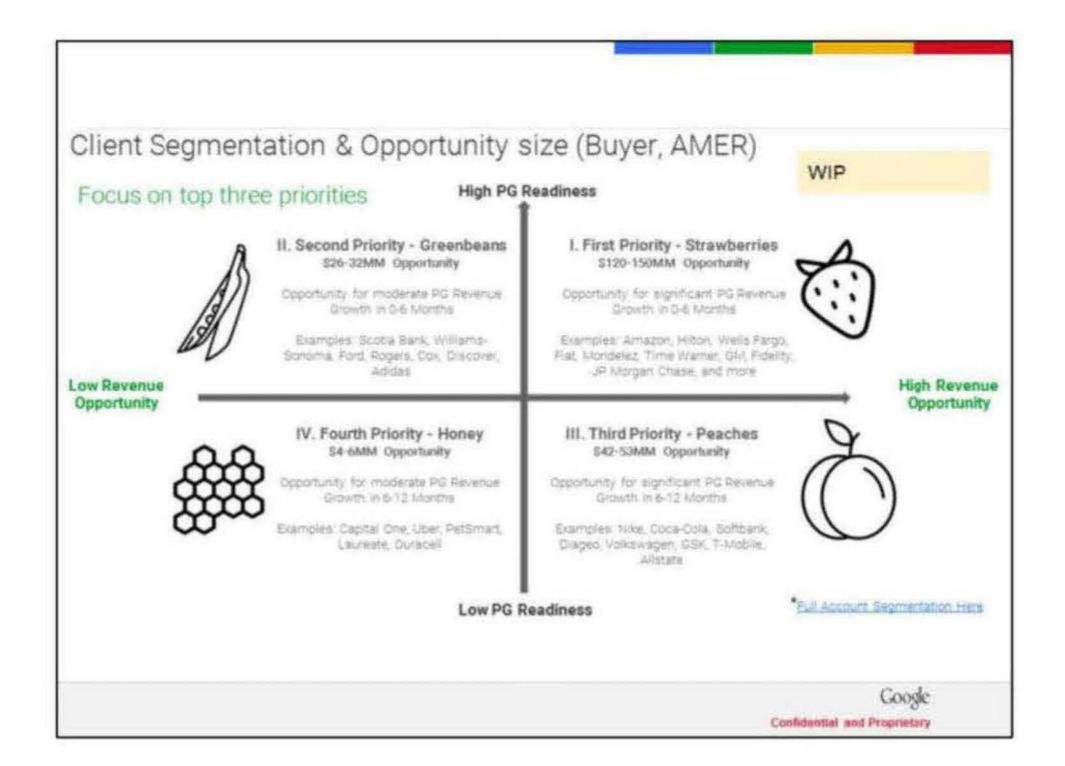




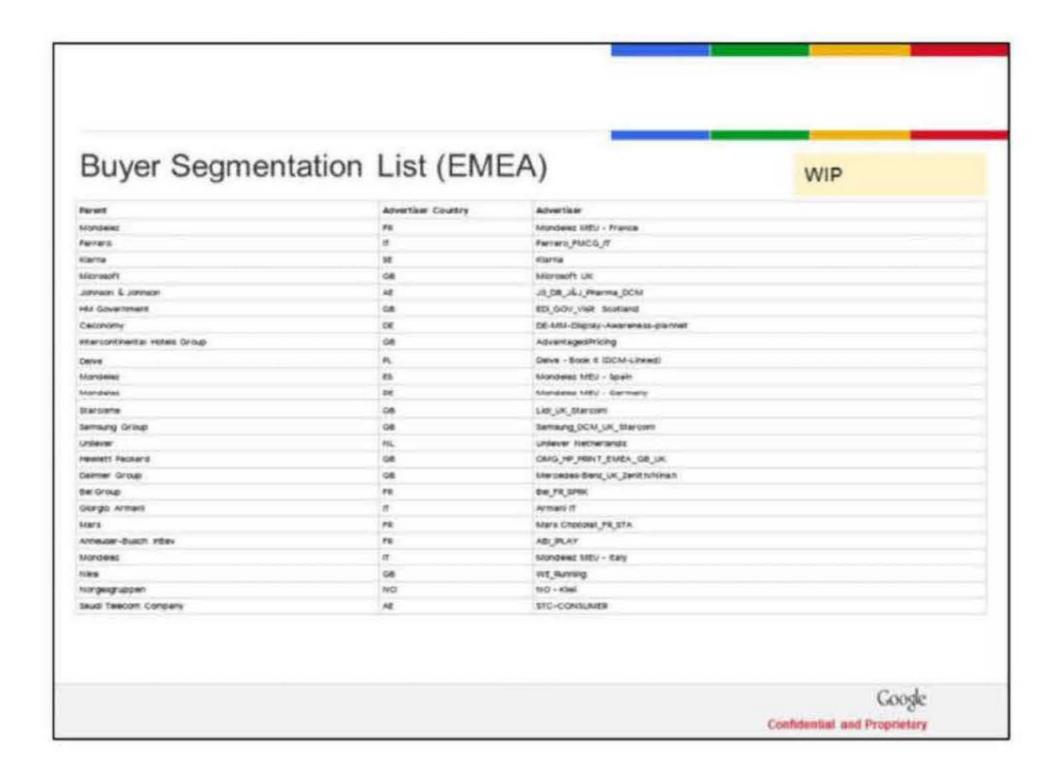






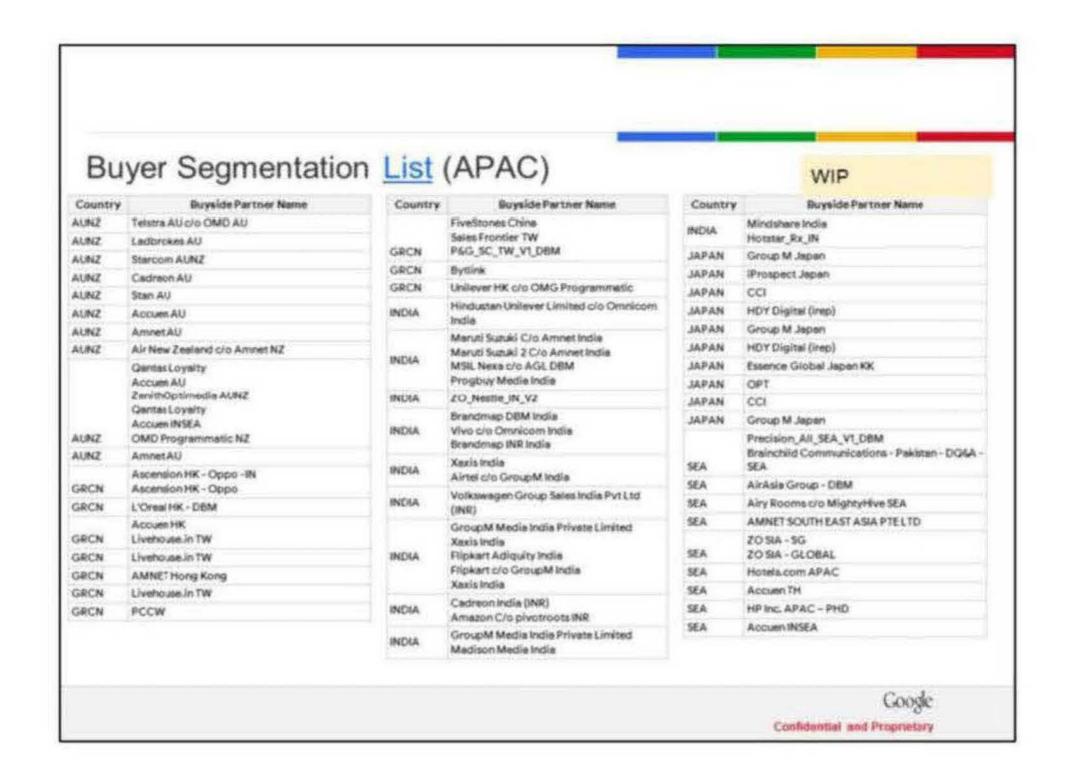


Indicate where focus will be: I,II,III \$134MM is display + DFP Video



https://www.google.com/url?hl=en&q=https://docs.google.com/spreadsheets/d/1EzpMSrd-8tE71vQ4YCyk8IETGeCrqNhwylqh-mQ0ZWQ/edit%23gid%3D623425285&source=gmail&ust=1531229910735000&usg=AFQjCNFLNyiLGsW9qAyUcthvVUouB0BswA

ld	Date	Text	
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		mQ0ZWQ/edit?ts=5b2a0b8a#gid=623425285	
		Google	
		Confidential and Proprietary	6



https://docs.google.com/spreadsheets/d/1igPPw53yGDO7SI7d6S6qYEsfrF3EC01SsgJQ2V40R3c/edit?ts=5b331eed&pli=1#gid=186860766

