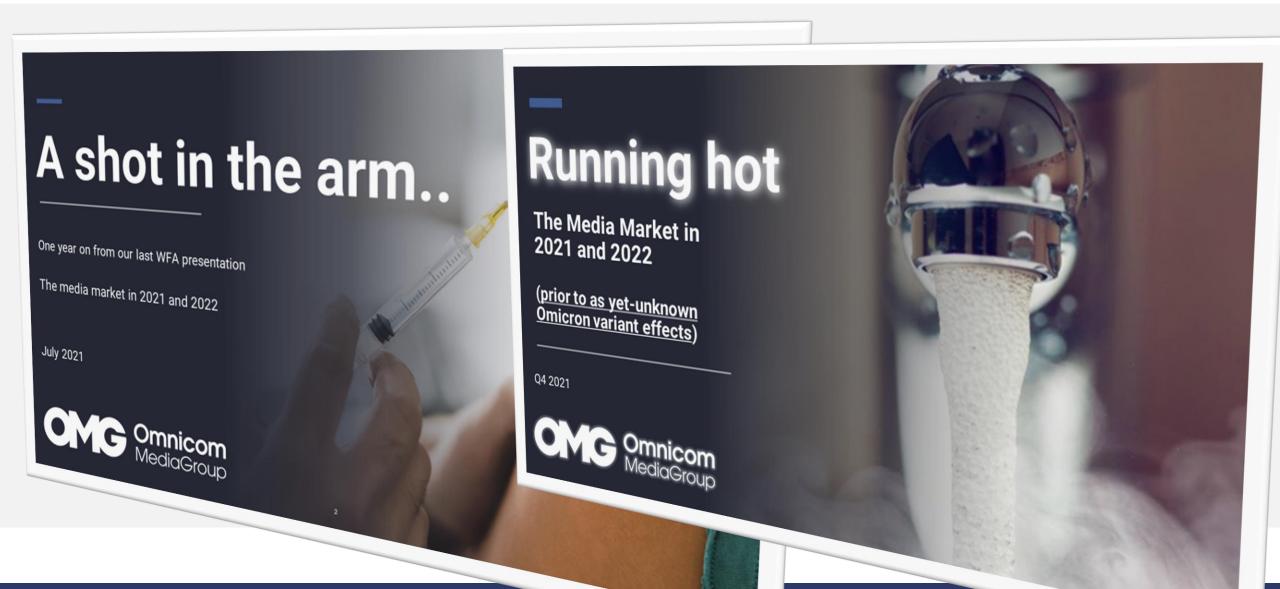


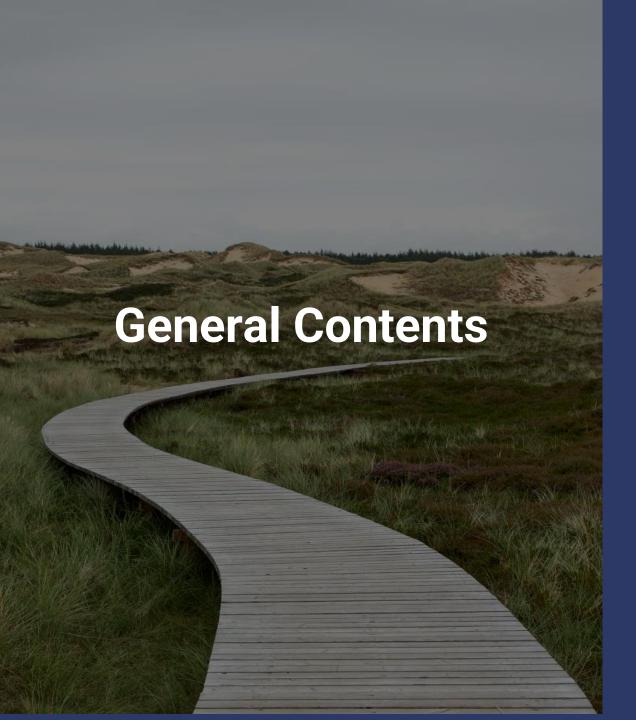
Variation on a theme...

Unprecedented recovery









> The economy

> How it could affect media

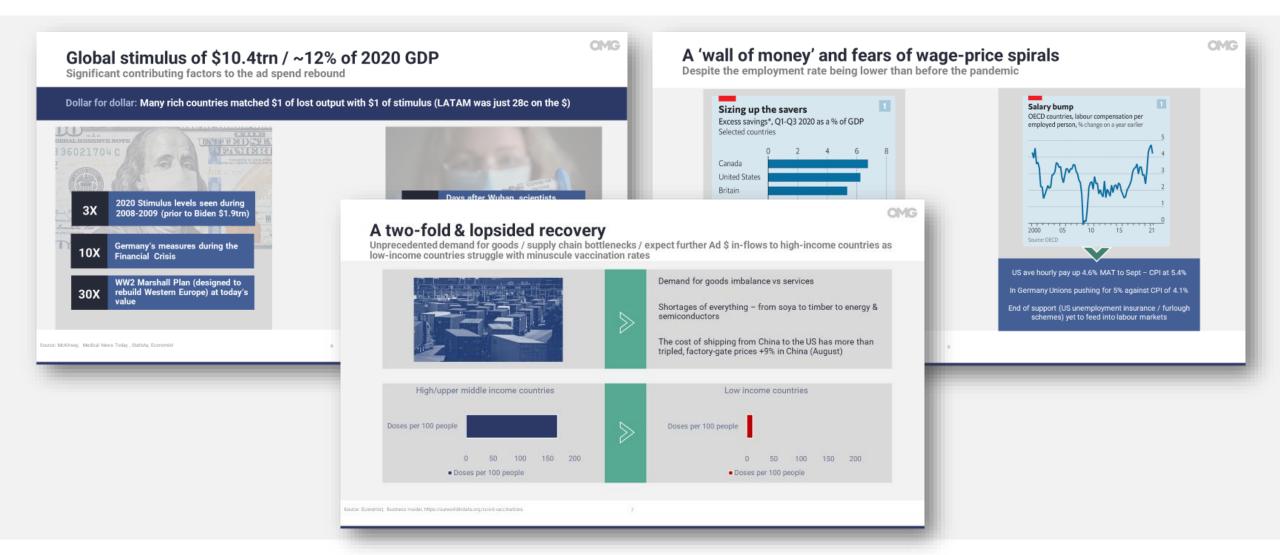
> Why make-up artists matter...

Note: The inclusion of references in this deck are without express consent and reliant on fair dealing for purposes of criticism/review/quotation



A reminder of the forces behind the 2021 resurgence

Stimulus and vaccines I excess savings I demand for goods





Record US corporate earnings in 2021 surpassing 2019

5pts higher than 2010 recovery following the Great Recession – data not yet available of ad spend / sales ratios



22% increase in EPS forecasted (Dec 21)



45% increase in EPS forecasted once Q4 announced

Source: Economist, S&P 5



Consumer price inflation / house prices surging in many countries



USA CPI Dec 2021 at 7%, highest since 1982 - mainly a western markets' problem





Energy is by far the largest inflationary component in G7 countries: Interest rates still very low, so room for increases to dampen demand, but:

BoE "monetary policy doesn't get more gas, more computer chips, more lorry drivers"

+ large increases in house prices make people feel wealthier / more confident

Source: Financial Times

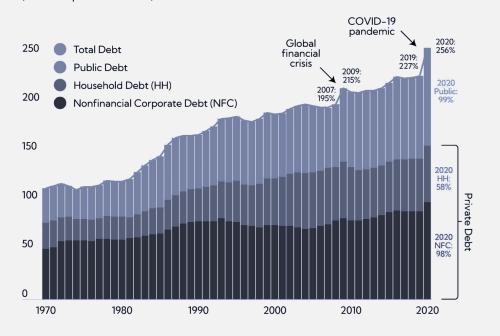
Global debt at \$226trn, with Public debt surging



Largest one-year debt surge since World War II, FED to start tapering / interest rate & tax rises looming (bar China, with cuts)

Historic highs

In 2020, global debt experienced the largest surge in 50 years. (debt as a percent of GDP)



Sources: IMF Global Debt Database and IMF staff calculations. Note: The estimated ratios of global debt to GDP are weighted by each country's GDP in US dollars.

IMF

28pt YoY increase to 256% of Global GDP



If you started spending \$1MM per day as an ancestor to Homo Sapiens, you'd have just about spent it all by now..



Servicing costs may rise, especially for those borrowing in USD

Supply chains severely tested, following unprecedented demand for goods



Germany factory gate prices up 24% YoY in December...





Maritime shipping is the backbone of world trade; estimated that 80% of all goods are carried by sea



China's 'zero tolerance' policy closes ports when there is a minor outbreak of Covid



Spot* shipping costs to US West Coast 10X prepandemic, and US demand pushes costs up for Europe

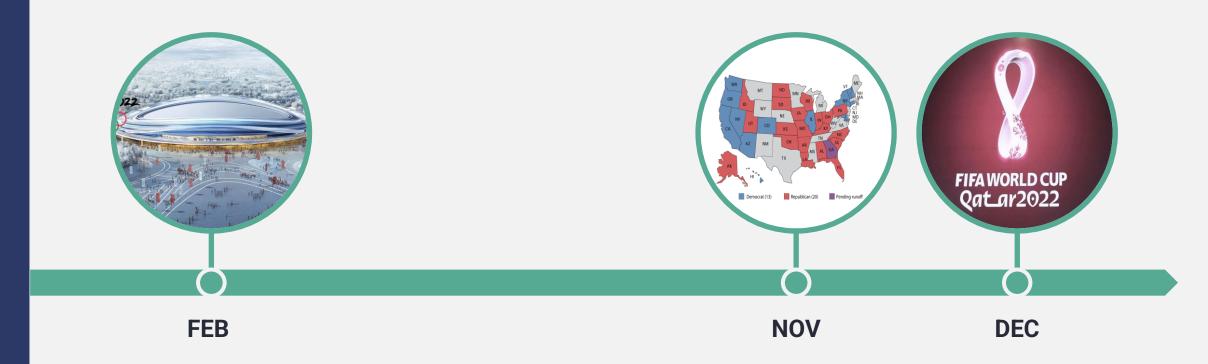


Shortages of multiple goods from semi-conductors**, to building materials, to soya (and people...)

*Spot rates inform long-term contract rates
**vaccination rates improving in Malaysia and Taiwan

Significant cyclicals contributing to growth in 2022 Mid terms expected to be higher spending vs '20 election I World Cup first time running up to holidays

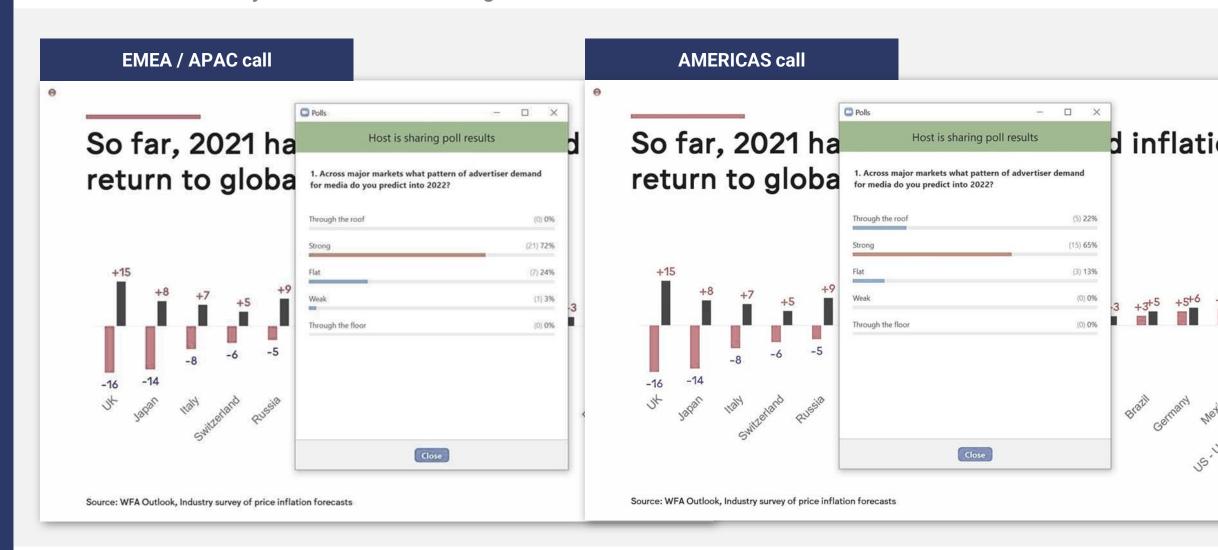




World Federation of Advertisers members expected strong growth heading into 2022..

OMG

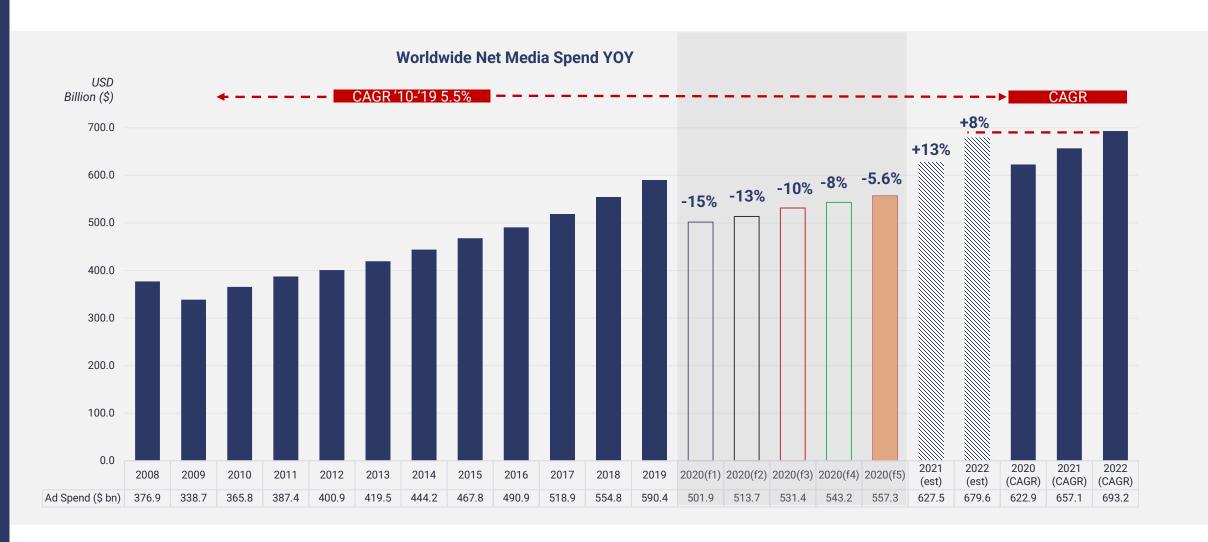
In the Americas nearly ¼ think it will be 'through the roof'



Source: WFA June 2021 11

Effectively 'Covid never happened in the ad market', when applying long-term expected growth rates

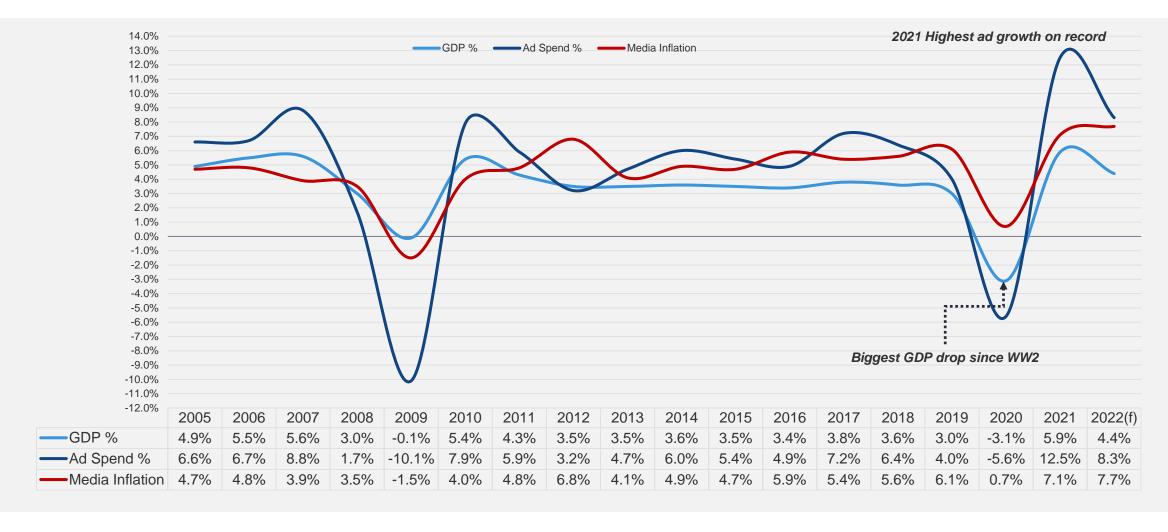




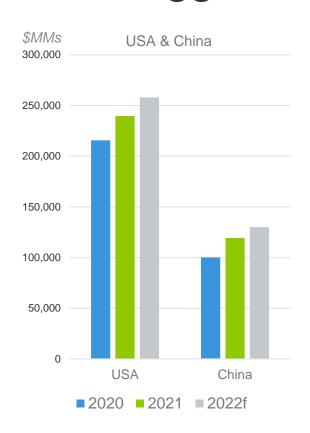
The Covid-effect to date is fundamentally different to the Great Recession



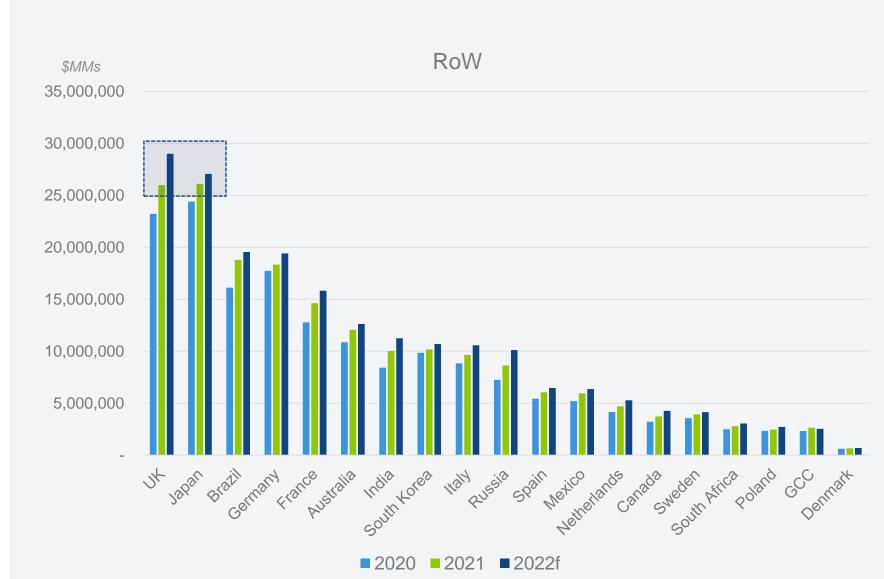
In 2009 ad spend declined 10pts vs GDP. In 2020 it was just 2.5pts



UK set to overtake Japan as 3rd biggest



Country Growth YoY



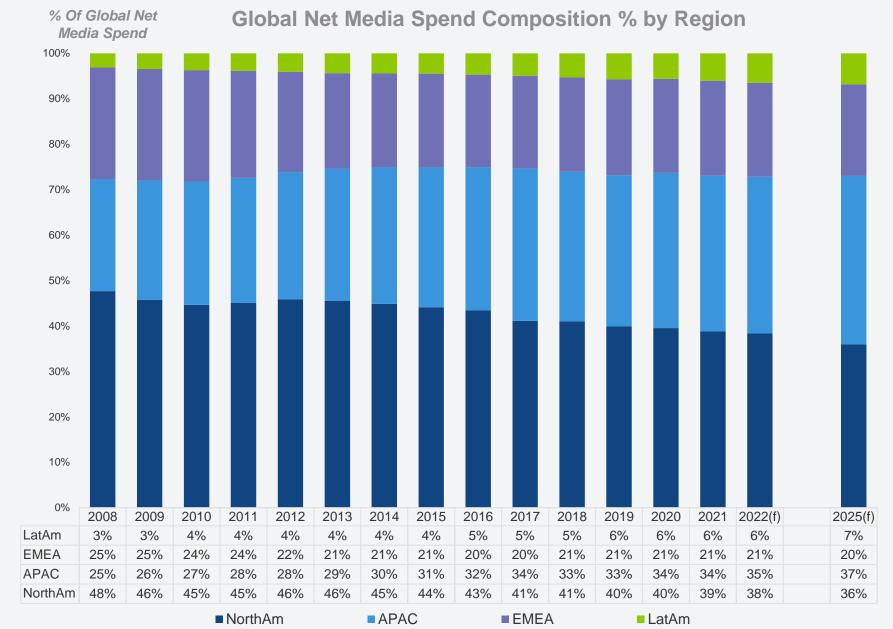




The gap between APAC and NorthAm now just 3pts

China leading the charge

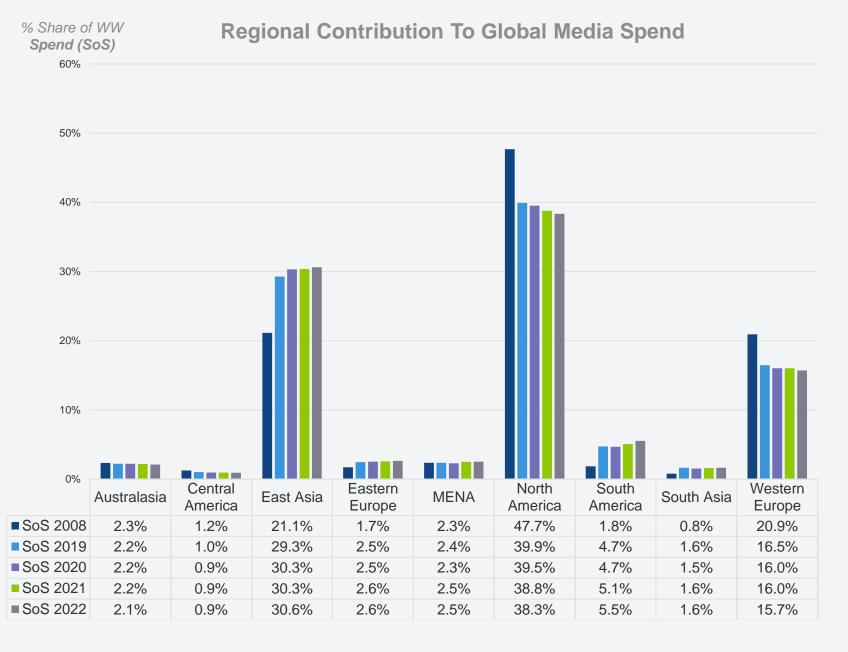
EMEA remarkedly steady



Source: Omnicom Media Group estimates (Feb 2022)

East Asia +9.5pts Share of Spend since 2008 baseline

NorthAm mirrors this on the reverse

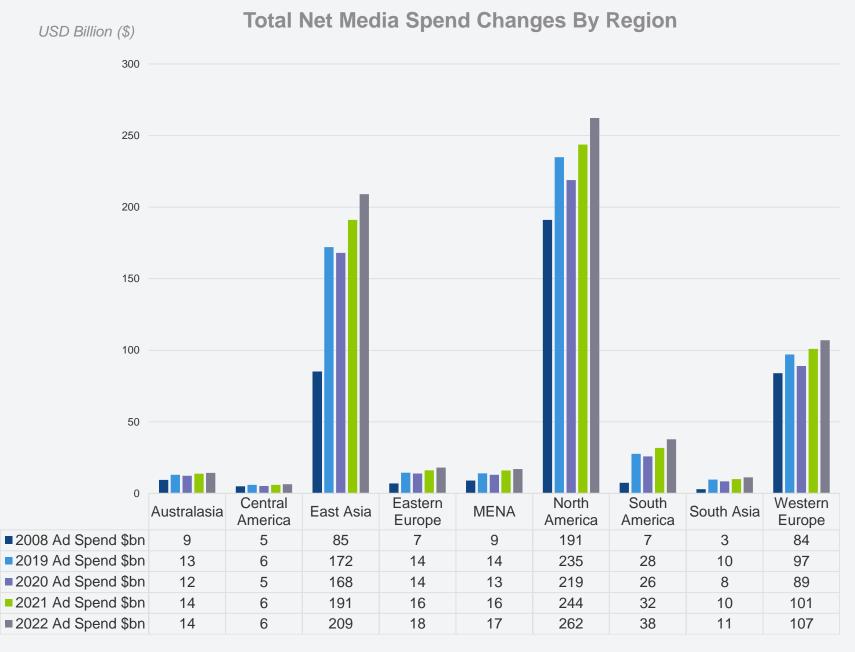




East Asia to grow by \$18.0bn in 2022

Same \$s as NorthAm

That's like 'adding a German market' to their numbers this year

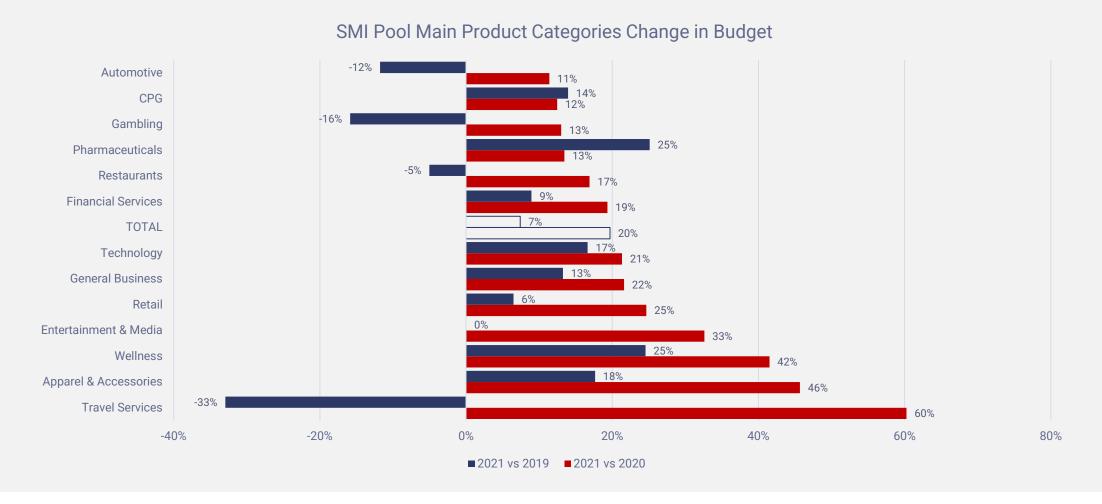




All main ad categories growing Jan-Nov '21 vs Y-ago



Travel was the hardest hit in 2020; growing in '21 but still far down on '19



Only Digital grew in 2020, Print, OOH and Radio severely affected Updated forecast 3rd February 2022



2020 Market investment summary by market by media type

2020 Market investment summary by market by media type						
Market \ Media Type	TV	Digital	Press	ООН	Radio	All media
Australia	-8%	0%	-19%	-11%	-19%	-5%
Canada	-18%	-8%	-31%	-54%	-33%	-17%
China	-5%	8%	-27%	-8%	-20%	2%
Denmark	-16%	-11%	-20%	-22%	-7%	-14%
France	-11%	3%	-30%	-33%	-10%	-9%
GCC	-28%	8%	-72%	-52%	-58%	-27%
Germany	-8%	-2%	-9%	-15%	0%	-5%
India	-18%	9%	-15%	-38%	-23%	-12%
Italy	-10%	-2%	-24%	-53%	-25%	-11%
Mexico	-12%	-7%	-44%	-	-25%	-13%
Netherlands	-10%	8%	-22%	-37%	-17%	-4%
Poland	-9%	0%	-30%	-39%	-9%	-8%
Russia	-3%	1%	-46%	-25%	-27%	-5%
South Africa	-13%	-4%	-11%	-15%	-10%	-11%
South Korea	-8%	13%	-5%	-27%	-12%	0%
Spain	-18%	-5%	-35%	-48%	-23%	-18%
Sweden	-7%	-3%	-24%	-17%	-1%	-7%
UK	-9%	-3%	-26%	-42%	-18%	-9%
USA	-12%	5%	-27%	-41%	-29%	-7%
Brazil	-7%	-2%	-36%	-10%	-36%	-11%
Japan	-12%	-2%	-18%	-14%	-9%	-10%
ww	-10.0%	4.0%	-26.1%	-29.0%	-23.2%	-5.6%



0.1%	YoY increase
-0.1%	YoY decrease up to 15%
-15.1%	YoY decrease 15%+

2021 growthUpdated forecast 3rd February 2022



2021 Market investment summary by market by media type

	vestillent summary	ay mance ay me				
Market \ Media Type	TV	Digital	Press	ООН	Radio	All media
Australia	10%	13%	-15%	17%	12%	11%
Canada	28%	24%	4%	5%	16%	24%
China	1%	21%	-9%	16%	-1%	17%
Denmark	8%	11%	-1%	-3%	11%	8%
France	16%	25%	5%	14%	7%	20%
GCC	0%	9%	-30%	3%	3%	4%
Germany	2%	8%	-5%	1%	1%	3%
India	29%	20%	9%	4%	5%	19%
Italy	15%	16%	4%	4%	9%	14%
Mexico	18%	8%	-7%	-	6%	14%
Netherlands	20%	19%	-2%	15%	17%	16%
Poland	12%	19%	-11%	21%	12%	14%
Russia	16%	25%	-6%	31%	17%	22%
South Africa	15%	9%	3%	13%	8%	12%
South Korea	1%	6%	-2%	-2%	1%	3%
Spain	8%	14%	2%	25%	10%	11%
Sweden	8%	13%	-6%	13%	5%	11%
UK	24%	13%	0%	6%	19%	14%
USA	11%	13%	0%	10%	5%	11%
Brazil	13%	-7%	0%	39%	36%	6%
Japan	12%	0%	2%	11%	4%	7%
ww	9.9%	13.9%	-2.6%	12.1%	6.2%	12.5%



0.1%	YoY increase
-0.1%	YoY decrease up to 15%
-15.1%	YoY decrease 15%+

2022 growthUpdated forecast 3rd February 2022



2022 Market investment summary by market by media type

2022 Warket investine		necrety meanarcy p				
Market \ Media Type	TV	Digital	Press	ООН	Radio	All media
Australia	-3%	6%	-15%	23%	9%	5%
Canada	4%	8%	3%	13%	3%	7%
China	3%	14%	-6%	10%	2%	11%
Denmark	1%	7%	-12%	32%	3%	4%
France	4%	5%	-1%	13%	1%	5%
GCC	3%	5%	-5%	1%	5%	4%
Germany	5%	9%	-3%	9%	2%	6%
India	13%	15%	10%	7%	6%	12%
Italy	1%	10%	1%	20%	8%	5%
Mexico	7%	8%	2%	-	1%	7%
Netherlands	12%	10%	-3%	12%	6%	9%
Poland	2%	6%	-9%	3%	2%	3%
Russia	13%	18%	-12%	13%	8%	15%
South Africa	12%	9%	3%	11%	7%	10%
South Korea	7%	5%	0%	11%	3%	5%
Spain	6%	8%	0%	23%	6%	7%
Sweden	1%	7%	-12%	29%	5%	5%
UK	6%	12%	0%	8%	1%	10%
USA	11%	5%	4%	5%	5%	8%
Brazil	8%	8%	4%	8%	4%	7%
Japan	5%	0%	5%	9%	5%	4%
ww	7.4%	8.0%	0.1%	8.5%	3.9%	8.2%



0.1%	YoY increase
-0.1%	YoY decrease up to 15%
-15.1%	YoY decrease 15%+

2022 vs 2019 growth Updated forecast 3rd February 2022

2022 vs 2019 Market investment change by market by media type

2022 vs 2019 Market investment change by market by media type						
Market \ Media Type	TV	Digital	Press	ООН	Radio	All media
Australia	-2%	20%	-42%	29%	-2%	10%
Canada	10%	23%	-27%	-46%	-20%	9%
China	-1%	48%	-38%	18%	-19%	33%
Denmark	-9%	5%	-30%	0%	7%	-3%
France	7%	37%	-28%	-14%	-3%	14%
GCC	-26%	23%	-81%	-50%	-54%	-21%
Germany	-1%	16%	-17%	-6%	3%	4%
India	20%	50%	2%	-31%	-14%	17%
Italy	5%	24%	-21%	-40%	-11%	7%
Mexico	11%	8%	-47%	-	-20%	7%
Netherlands	21%	40%	-26%	-19%	4%	22%
Poland	4%	26%	-43%	-24%	3%	8%
Russia	27%	49%	-55%	10%	-7%	33%
South Africa	13%	14%	-5%	7%	3%	9%
South Korea	0%	26%	-7%	-21%	-8%	8%
Spain	-7%	16%	-33%	-20%	-11%	-2%
Sweden	1%	17%	-37%	21%	9%	9%
UK	20%	23%	-26%	-33%	-1%	13%
USA	8%	25%	-24%	-32%	-22%	12%
Brazil	12%	-2%	-33%	35%	-10%	2%
Japan	3%	-2%	-13%	4%	-1%	0%
ww	6.2%	27.9%	-27.9%	-13.7%	-15.2%	14.8%



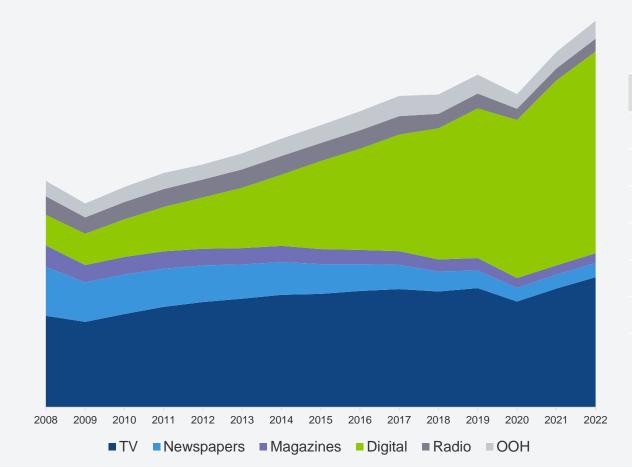
Basket represents c90% of total global expenditure

0.1%	YoY increase
-0.1%	YoY decrease up to 15%
-15.1%	YoY decrease 15%+

Digital spend will increase by 560% between 2008 & 2022 to \$357bn

Rest of media reflects their 'analogue' revs

WW Net Media Spend by Medium (\$BN)

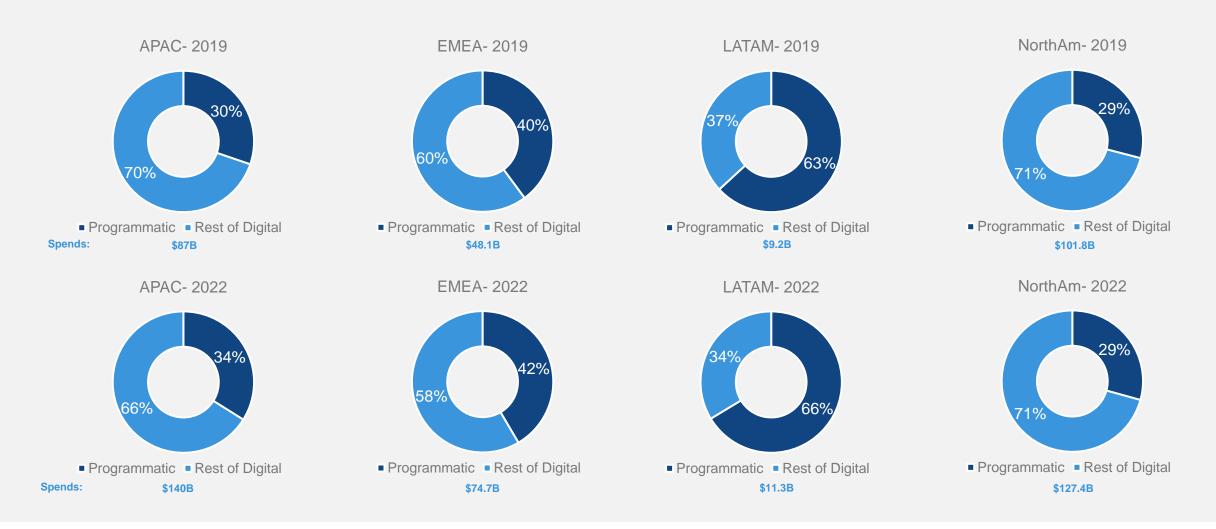


Medium	2022 vs. 2021	2022 vs. 2008
TV	10%	42%
Newspapers	2%	-71%
Magazines	4%	-55%
Digital	9%	560%
Radio	6%	-31%
ООН	9%	17%



'Rest of Digital' still dominant in most regions

Latam high use of Social (41% of Dig vs 19% globally)

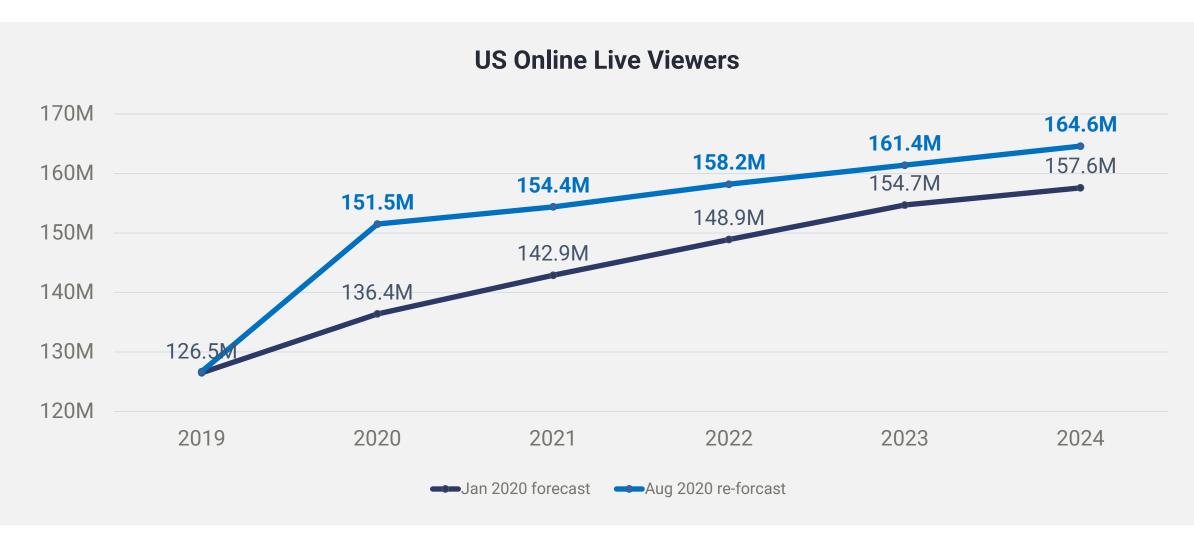






One of the biggest digital media growth stories of the pandemic

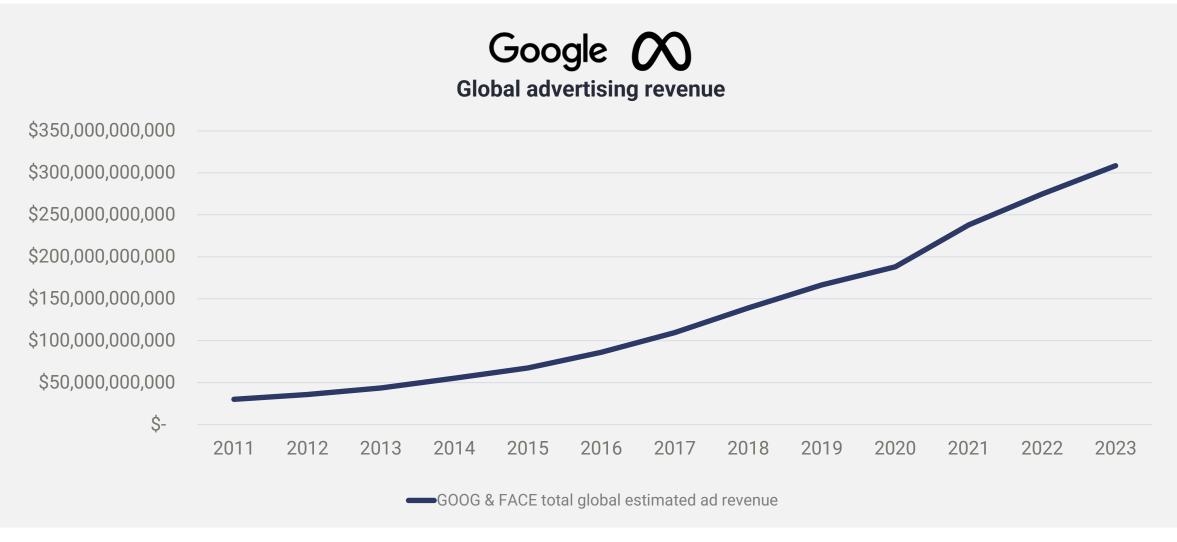
The money follows the eyeballs: live events, sport, news, OTT, video gaming





The Whales in the room - 2021 \$s close to New Zealand's GDP...

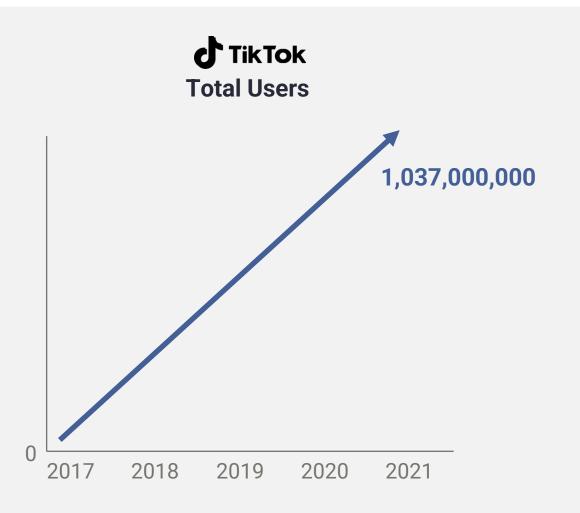
Record Alphabet Q4 21 earnings driven by retail spending – but Amazon ads now bigger than YT

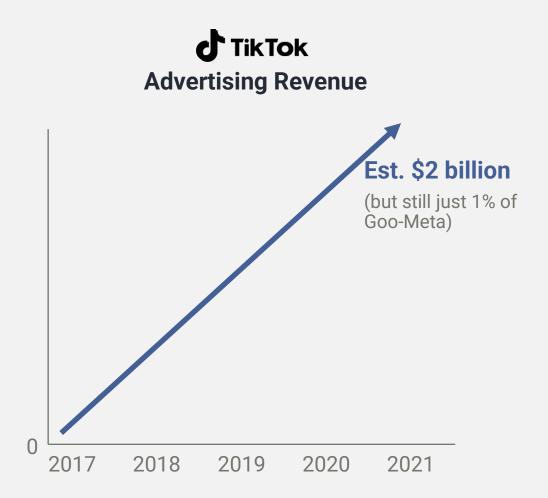




Dominance challenged?

It took Meta 9 years to reach 1bn. TikTok, just 4 – and Wall Street punished Meta for this

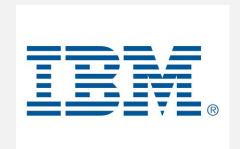






In fact....

-\$232bn was the biggest one-day drop for any single company in history – Meta CFO expects \$10bn spend hit due to iOS IDFA issues















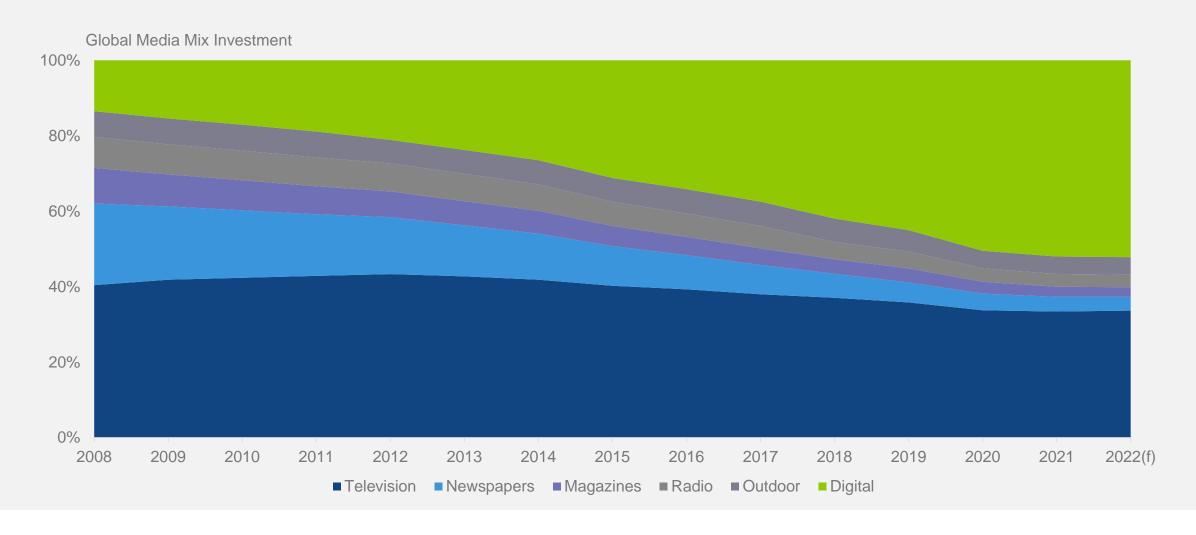




Source: Financial Times 28

86% of global ad spend now concentrated into TV & Digital

Print has eroded 21pts of share since the Great Recession (Digital 52% vs 18% then)





In 2022 TV showing highest net new dollars since 2012

We also saw a flight back to TV following the Great Recession

Media Mix of Net New Ad Spend

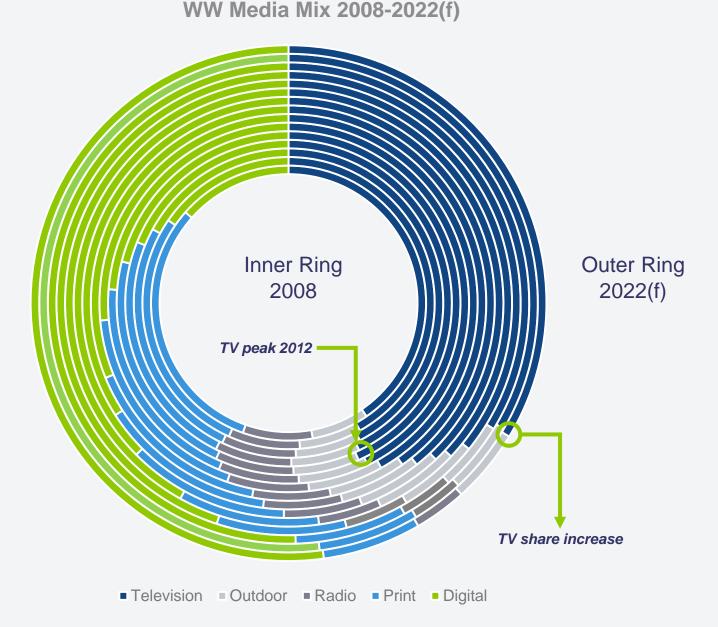




TV share -2pts in 2020, but increases in 2022

First increase in share for TV in 10 years (0.3pts vs '21)

Digital share growth is slowing (0.2pts vs '21)







Where next for TV?





More than \$30 billion now being 'funded directly'



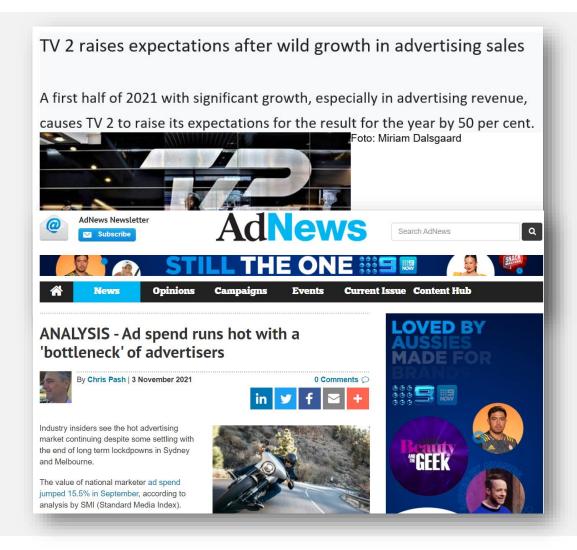
- That's money that the media industry doesn't have to get from advertisers
- 209 / 166 million consumers are paying Netflix / Disney to get choice and convenience – and advertising is being removed as a biproduct

Source: Netflix, Disney 33

For now, multiple TV vendors reporting record revenues...



2021 a golden year for many vendors, as NBC announces sell-out for the Superbowl / record \$7.1MM 30"



ITV on target to break ad revenue record

The broadcaster reported huge rises in revenue across business lines in Q3.

CEO statement

"Strong operating performance and major consolidation moves will create significant value for RTL Group's shareholders."

Financial information

Statement from Thomas Rabe, Chief Executive Officer of RTL Group:



"In the first holf of 2021, RTL Group performed strongly. Adjusted EBITA and Group profit were up significantly, driven by the recovery of TV advertising markets and the growth of our content production and streaming businesses. This, combined with active portfolio management, led to a record Group profit of € 929 million. Following RTL Group's strong performance in the first six months, we have raised our outlook for the full year 2021 and now expect an Adjusted EBITA of around €1,050 million including streaming start-up losses and €1,200 million before streaming start-up losses.

Over the past months, we have made significant progress in the execution of our national champions strategy. Major

... despite ever-decreasing audiences



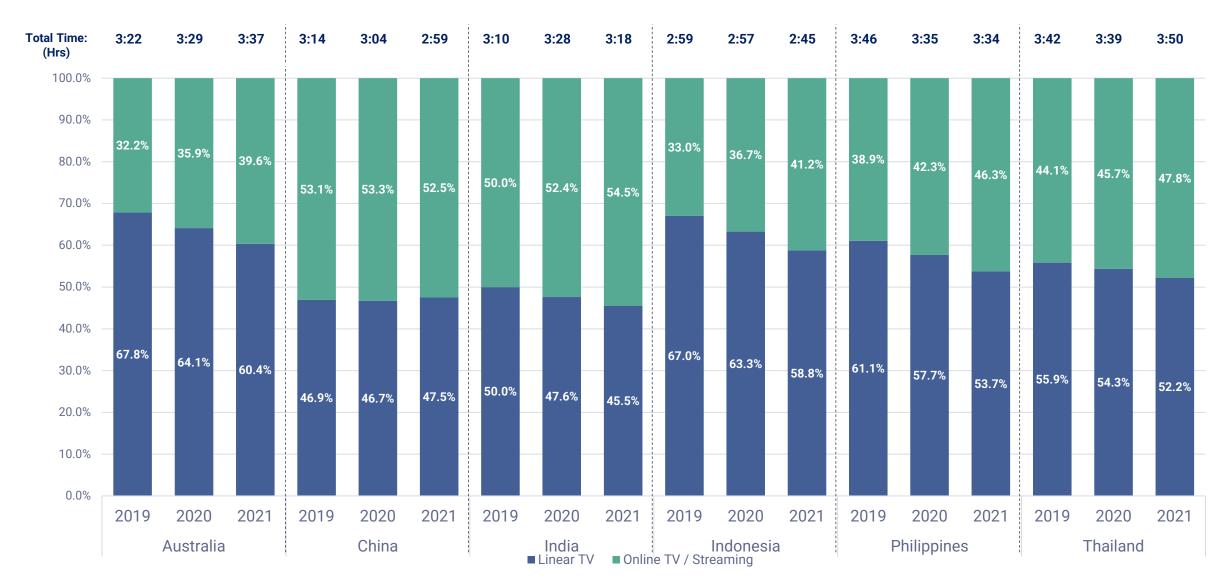
Price elasticity will be tested with aggressive vendors emboldened by record revenues last year



Similar picture in Asia

OMG

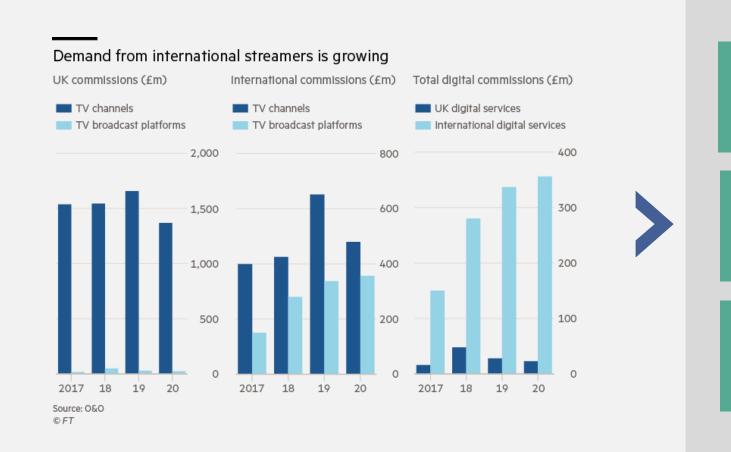
China a notable exception





Meanwhile, the Streamers are vacuuming-up production resources

From camera lenses, to lighting rigs and make-up artists...



Linear TV companies content costs likely to increase / Domestic producers have to use 'indies'

Quality of content could reduce, affecting audiences

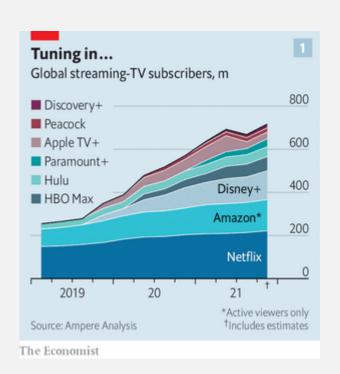
A potential vicious circle of reduced investment and further audience decline in many markets

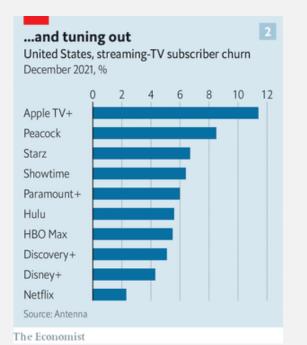
Source: Financial Times 37



But streaming subscriber growth is slowing

In India, Netflix recently slashed the price of its basic plan from \$6.60 to \$2.60 a month







Some Streamers seeing churn up to the equivalent of their whole subs base each year in the US



GoT ~\$15MM per episode in 2019 Amazon Lord of the Rings reported at 4X that..



Rising costs and slowing revenue growth "calls into question the end-state economics of these businesses"*



The M&A canaries in the coal mine

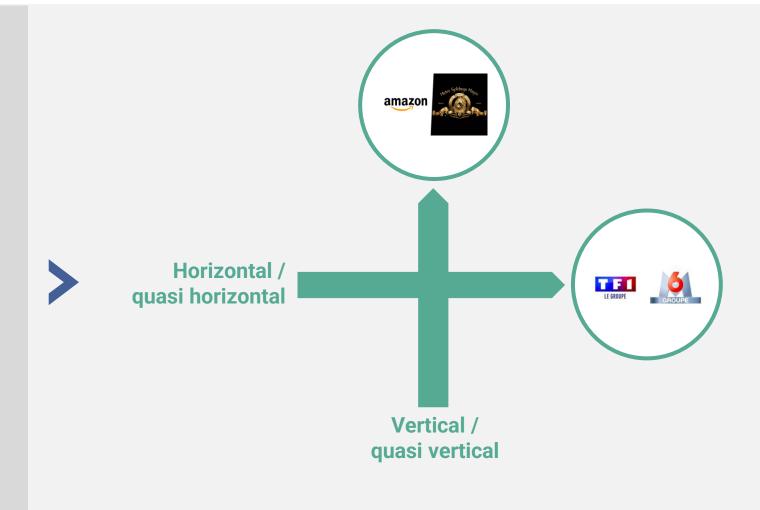
Many proposed mergers currently going through competition authorities

TF1 / M6 in France

- Arguing that 70% share of TV is fine, as they compete with Big Tech
- Lengthy questionnaire has been sent to agencies / clients / competitors

RTL/TALPA in Netherlands

- Control 80-85% of TV spend
- Currently with competition commission to review effects on production, distribution and advertising

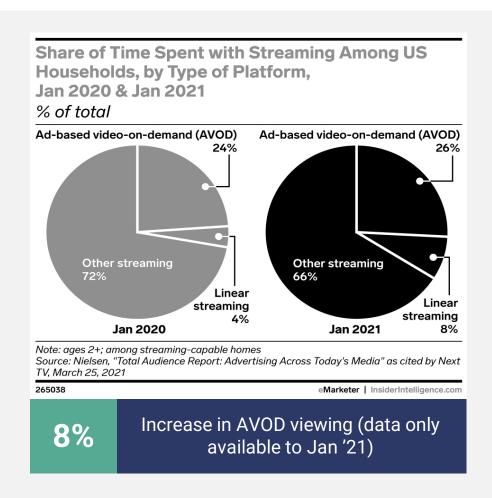


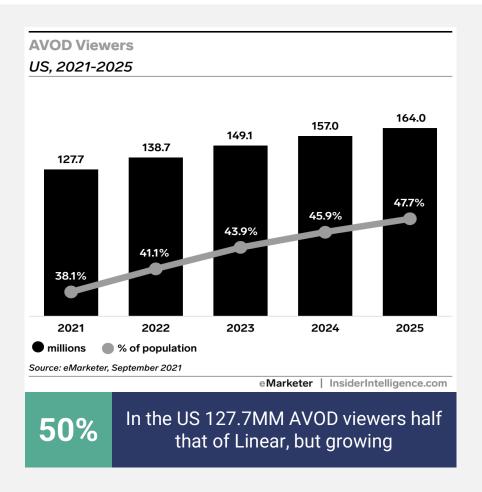




Ad-supported VOD showing growth in the US and we expect other markets to follow

SVOD Streamers will be closely monitoring their ARPU as subscriber growth slows



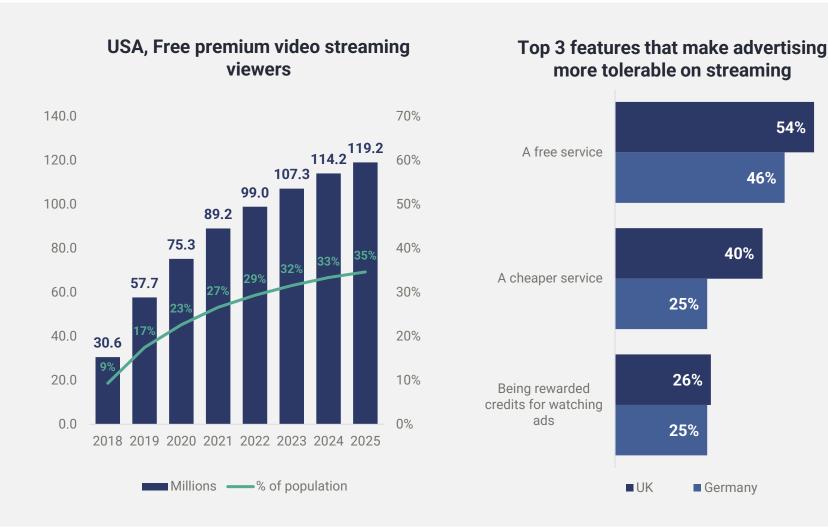


Source: Insider Intelligence 40



Consumers still like free services and accept advertising

More so if there is an inflation-driven cost of living squeeze







Navigating the landscape

- Debt and consumer price inflation will result in interest rate rises, which might correct demand
- Low vaccination rates in low-income economies / debt servicing costs will push more ad dollars to higher income countries
- TV inflation set to continue above trend due to demand, but more so because of supply pressures
- Think security vs flexibility longer term deals for TV/Digital IO,

 Radio seek to extract value via synergies across clients' portfolios
- Assume more M&A activity and concentration of power as traditional vendors fight the Streamers
- Look forward to long-awaited cross-media measurement systems (such as ANA/WFA, ComScore Everywhere, Nielsen One etc)
- Expect more AVOD solutions as Streamers jockey for position / monitor ARPU / experience churn rates