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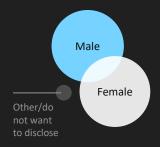
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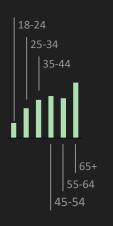
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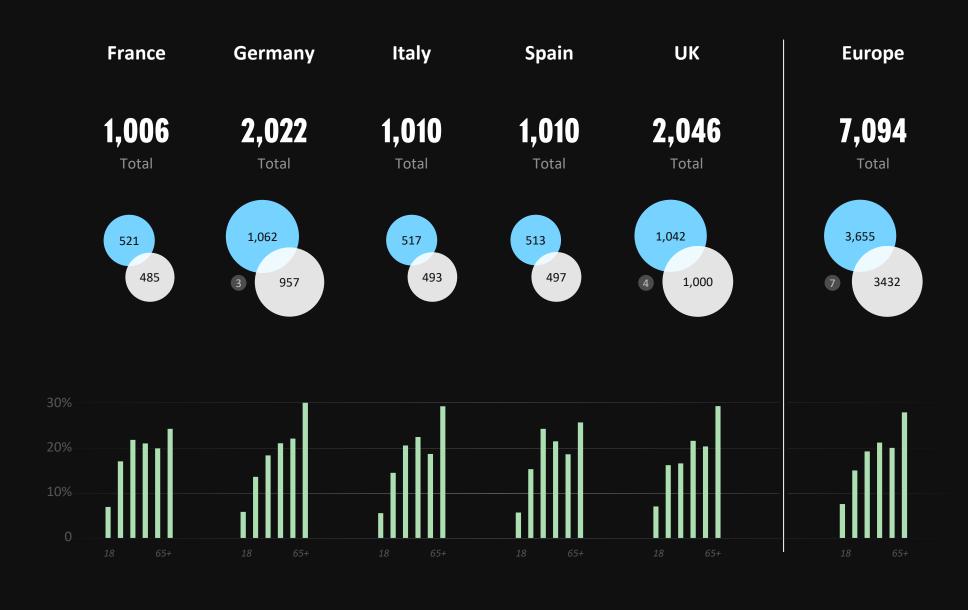
SAMPLE DETAILS

Sex distribution



Age distribution (%)





TELECOM OPERATORS:
MOBILE AND FIXED CONNECTIVITY

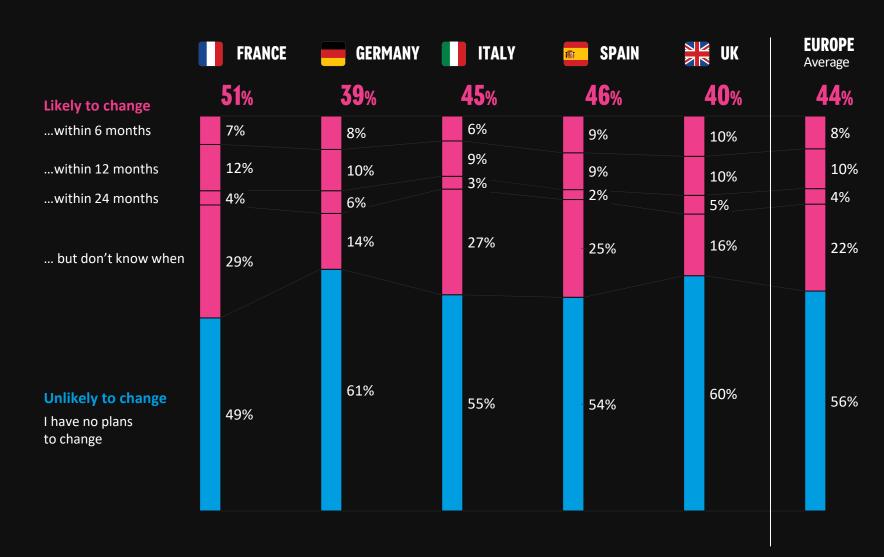


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44% OF EU CONSUMERS PLAN TO SWITCH THEIR MOBILE OPERATOR. FRANCE ACCOUNTS FOR THE HIGHEST CHURN INTENTION IN EU WHILE GERMANY FORESEES MORE STABLE TRADING DYNAMICS

How likely are you to switch mobile phone service provider?

% of respondents



Source: Oliver Wyman Telco Consumer Survey 2023.

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PRICE IS THE SINGLE MOST RELEVANT DECISION ELEMENT ACROSS MARKETS. ESG AND HOLISTIC OFFERINGS BEYOND THE TELCO CORE ARE NOT SEEN AS COMPETITIVE ADVANTAGES

Please rank (1-10) each factor when deciding your next mobile service purchase

Average ranking by respondents considering to switch (1=most important, 10=least important)

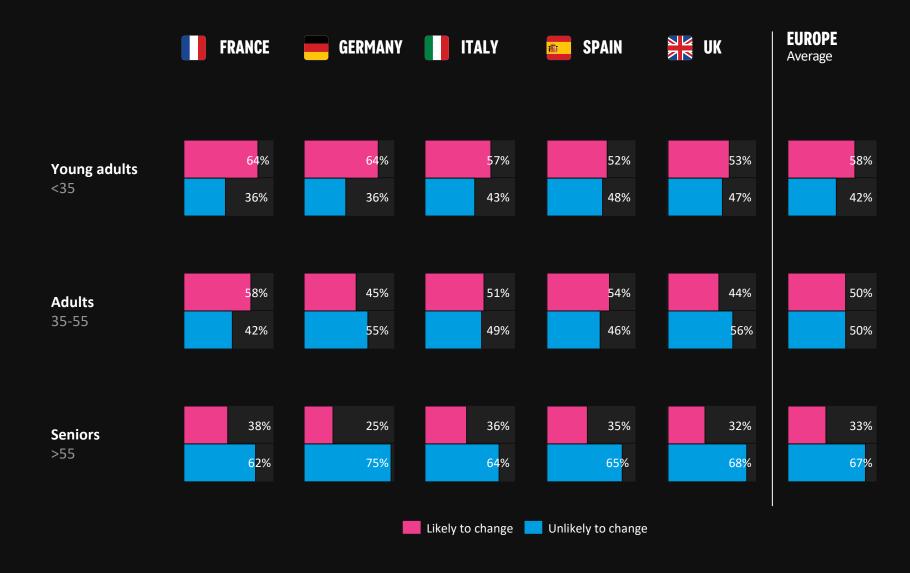
| | FRA | ANCE | | GERMANY | | ITALY | iši | SPAIN | | UK | EUROPE Average |
|---|-----|---|----|---------|----|-------|-----|-------|----|----|--------------------------|
| Price | 1 | | 1 | | 1 | | 1 | | 1 | | 1 |
| Network performance/speed | 2 | | 3 | | 3 | | 2 | | 3 | | annerenter 2 |
| Data allowance | 3 | , erere ere ere ere ere ere ere ere ere | 2 | | 4 | | 3 | | 2 | | 3 |
| Customer service | 4 | | 5 | | 5 | | 4 | | 4 | | 4 |
| Regional coverage | 5 , | | 4 | | 2 | | 5 | | 5 | | 5 |
| Handset included | 6 | | 6 | | 6 | | 6 | | 6 | | 6 |
| Bundled media, gaming & ent. services | 8 | | 8 | | 8 | | 7 | | 7 | | 7 |
| Bundled with other non- telco serv. (energy, sec.) | 7 | | 7 | | 7 | | 8 | | 8 | | 8 |
| Bundled financial services | 10 | | 10 | | 10 | | 9 | | 9 | | 9 |
| Better ESG qualifications | 9 | | 9 | | 9 | | 10 | | 10 | | 10 |

Source: Oliver Wyman Telco Consumer Survey 2023.

YOUNGER CONSUMERS ARE MORE PRONE TO SWITCH OPERATORS WHILE SENIORS ARE MORE LOYAL ((2))

- THAT BEING A PARTICULARLY STRONG PATTERN IN GERMANY

How likely are you to switch mobile phone service provider?
% of respondents



Source: Oliver Wyman Telco Consumer Survey 2023.

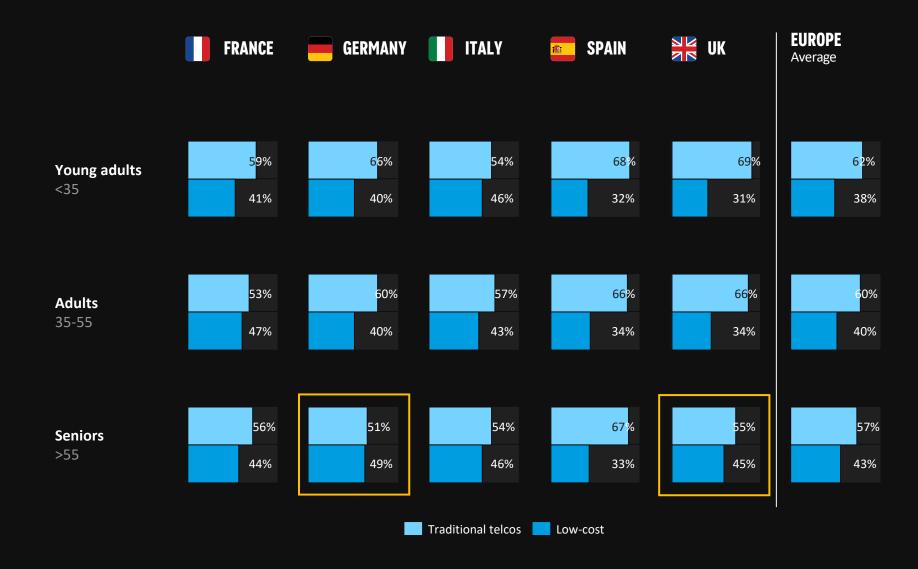
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LOW-COST OPERATORS SHOW A BALANCED PENETRATION ACROSS AGE SEGMENTS BEING EXCEPTIONALLY STRONG AMONG SENIORS IN GERMANY AND UK

Please indicate the primary mobile service provider for your household

% of respondents

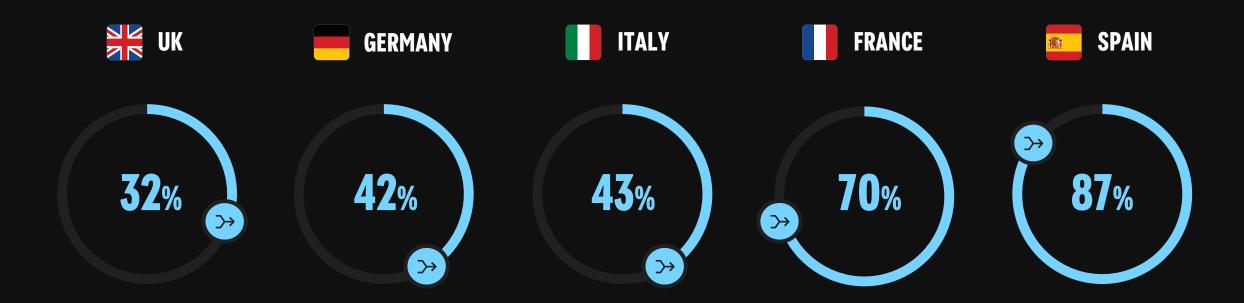


Source: Oliver Wyman Telco Consumer Survey 2023.

SPAIN HOLDS THE HIGHEST CONVERGENCE PENETRATION IN EUROPE AND UK THE LOWEST

FMC penetration by country

2023; % of households where the same operator provides fixed broadband and the primary mobile line



Source: Oliver Wyman Telco Consumer Survey 2023.

IN UK, DE AND IT, CONVERGENCE IS INEFFECTIVE TO BIND MOBILE CONSUMERS. IN FR AND ES WHERE 70%+ OF CONSUMERS HAVE FMC PRODUCTS IT IS STILL SEEN A MODERATE BINDING EFFECT

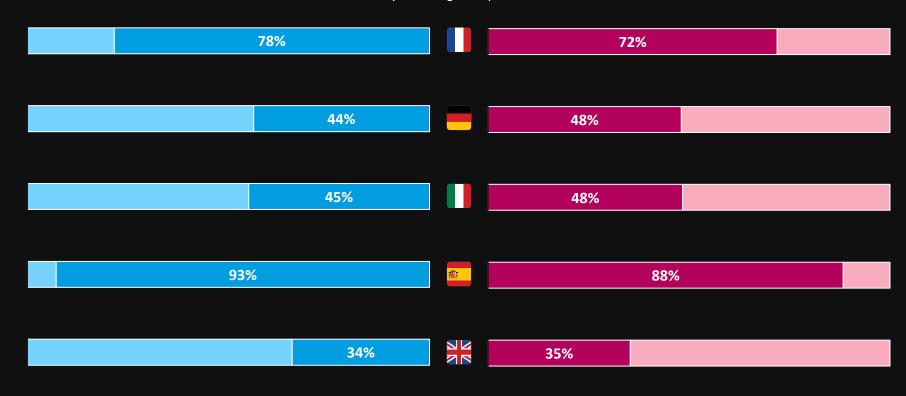
How likely are you to switch mobile phone service provider?

FMC penetration by country for respondents stating a preference



WILLING TO SHIFT TO A NEW OPERATOR

Country convergence penetration



Source: Oliver Wyman Telco Consumer Survey 2023.

WE CONSISTENTLY SEE A MIGRATION TO LOW-COST OPERATORS; GERMANY BEING THE MARKET WHERE TRADITIONAL TELCOS ARE MORE RESILIENT



Which mobile provider are you thinking about moving to?

% of respondents considering to switch



Low-cost additional attractiveness vs. traditional telco



Most resilient and low cost operators, in both directions





Progressive erosion brands

UK

SPAIN



Most significant migration from

traditional operators; balanced exchanges between traditional

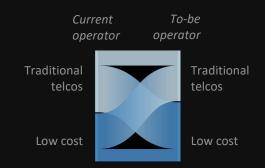
of traditional telcos towards low cost

Significant migration from traditional to low cost players

migration from traditional to low cost operators – increasingly at par in terms of value proposition

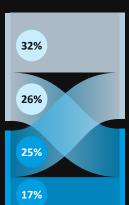
Significant

traditional to low cost players

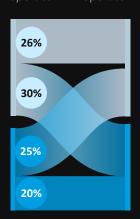




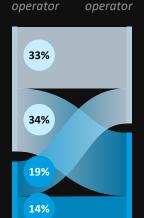
To-be operator



Current To-be operator operator



Current operator



To-be

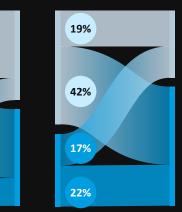
Current operator

36%

15%

To-be operator Current operator

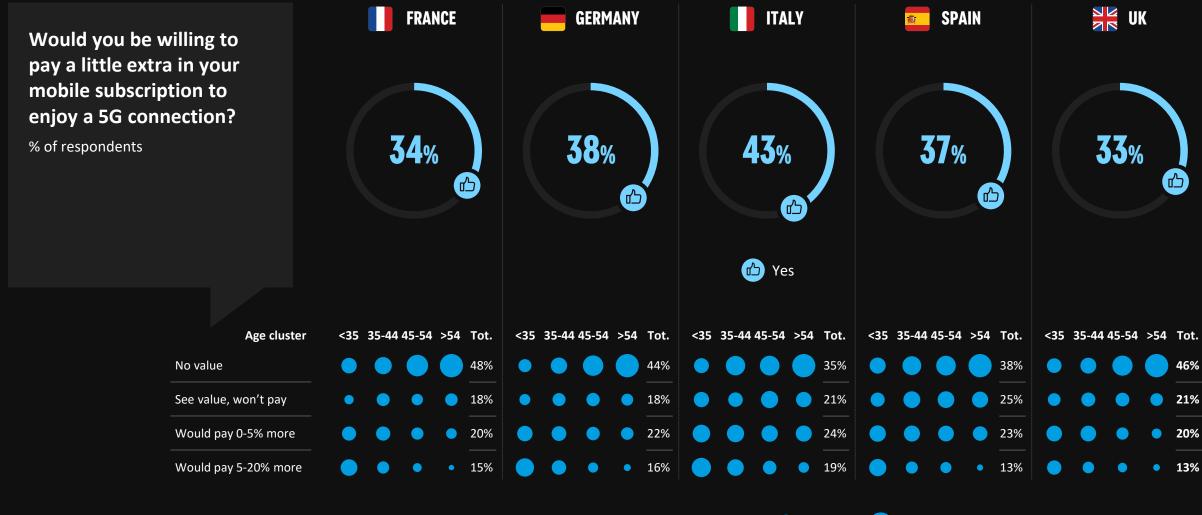
To-be operator



Source: Oliver Wyman Telco Consumer Survey 2023.

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ONLY 37% OF EU CONSUMERS ARE WILLING TO PAY EXTRA FOR A 5G CONNECTION - ITALIANS WITH THE HIGHEST WILLINGNESS TO PAY FOR 5G ACROSS AGE SEGMENTS



Source: Oliver Wyman Telco Consumer Survey 2023.

<10%

10-25%

25-40%

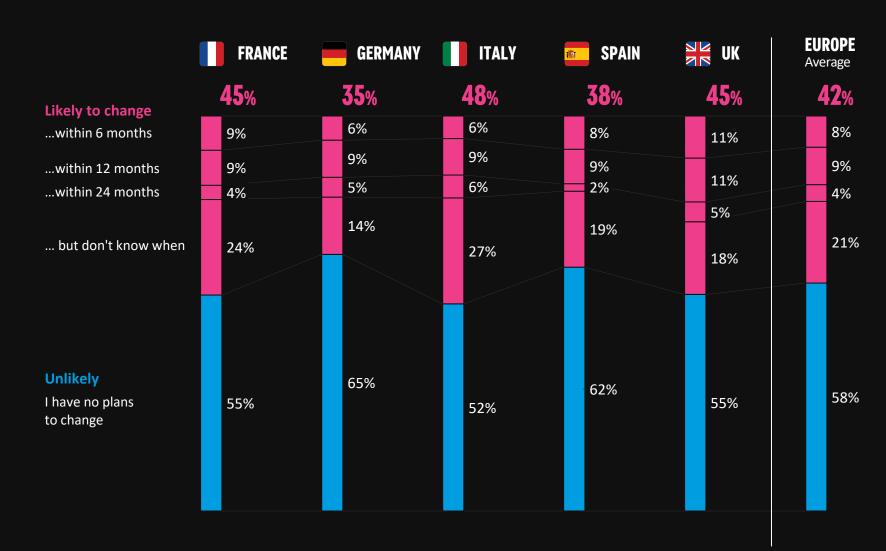
>40%

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42% OF EU CONSUMERS PLAN TO SWITCH THEIR FBB OPERATOR. IN ITALY AND UK, FBB EXPECTED VOLATILITY IS GREATER THAN MOBILE

Do you expect to switch home broadband provider?

% of respondents



Source: Oliver Wyman Telco Consumer Survey 2023.

SIMILAR TO MOBILE, PRICE, SPEED AND RELIABILITY ARE THE KEY DECISION ELEMENTS WHEN SELECTING A NEW BROADBAND PROVIDER

Please rank (1-10) each factor when deciding your next broadband purchase

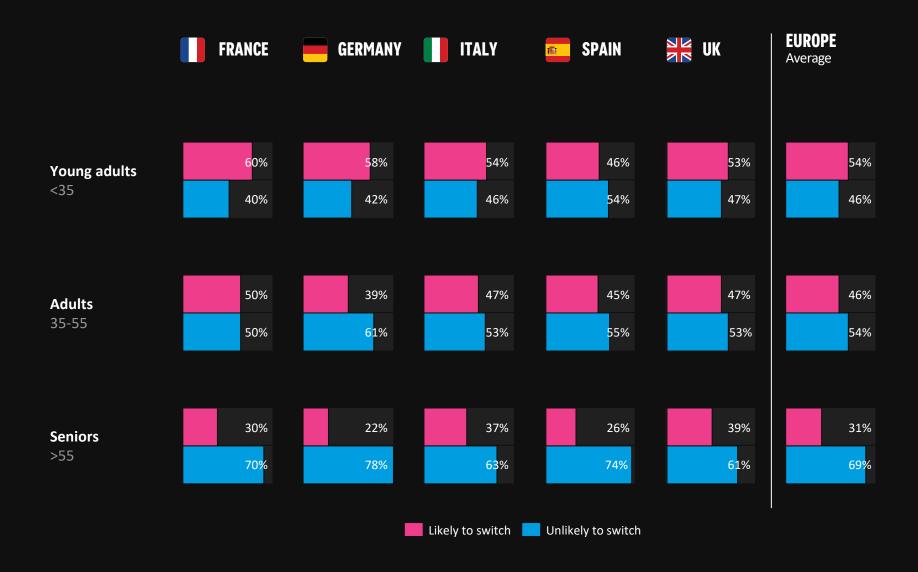
Average ranking by respondents considering to switch (1=most important, 10=least important)

| | FRANCE | | GERMANY | | ITALY | 廊 | SPAIN | | UK | EUROPE Average |
|---|--------|---|---------|-----|-------|-----|-------|-----|-------|--------------------------|
| Price | 1 | 1 | | 1 | | 1 | | 1 | | 1 |
| Speed | 2 | 2 | | 2 | | 2 | | . 2 | | 2 |
| Reliability | 3 | 3 | | . 3 | | 3 | | . 3 | , | 3 |
| Customer service | 4 | 4 | | 4 | | 4 | | . 4 | | 4 |
| Bundled media, gaming & ent. services | 5 | 5 | | 5 | | . 5 | | . 5 | | 5 |
| Bundled with other non-telco serv. (energy, sec.) | 6 | 6 | | 6 | | . 6 | | . 6 | | 6 |
| Bundled financial services | 8 | 7 | | 8 | | 7 | | 7 | | 7 |
| Better ESG qualifications | 7 | 8 | | 7 | | 8 | | . 8 | ••••• | 8 |

Source: Oliver Wyman Telco Consumer Survey 2023.

AS OBSERVED IN MOBILE, YOUNG ADULTS ARE MORE LIKELY TO SWITCH BROADBAND PROVIDER THAN OTHER AGE SEGMENTS

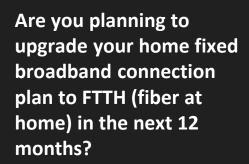
Do you expect to switch home broadband provider?
% of respondents



Source: Oliver Wyman Telco Consumer Survey 2023.

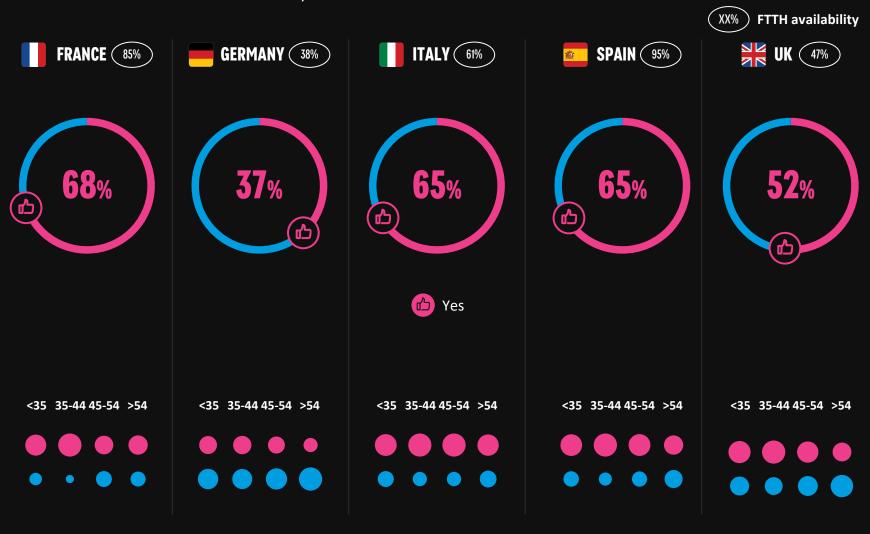


AS OPPOSED TO 5G, FTTH IS PERCEIVED AS A SUPERIOR TECHNOLOGY ACROSS AGE SEGMENTS. ONLY IN GERMANY, WHERE DEPLOYMENT IS SLOWER, CONSUMERS DECLARE A LOWER INTEREST



% of respondents, excluding the ones with already FTTH and those without accessibility

Yes



Source: Oliver Wyman Telco Consumer Survey 2023.

No, I am not interested in FTTH

Age cluster

● <10%

10-25%

25-40%

>40%

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