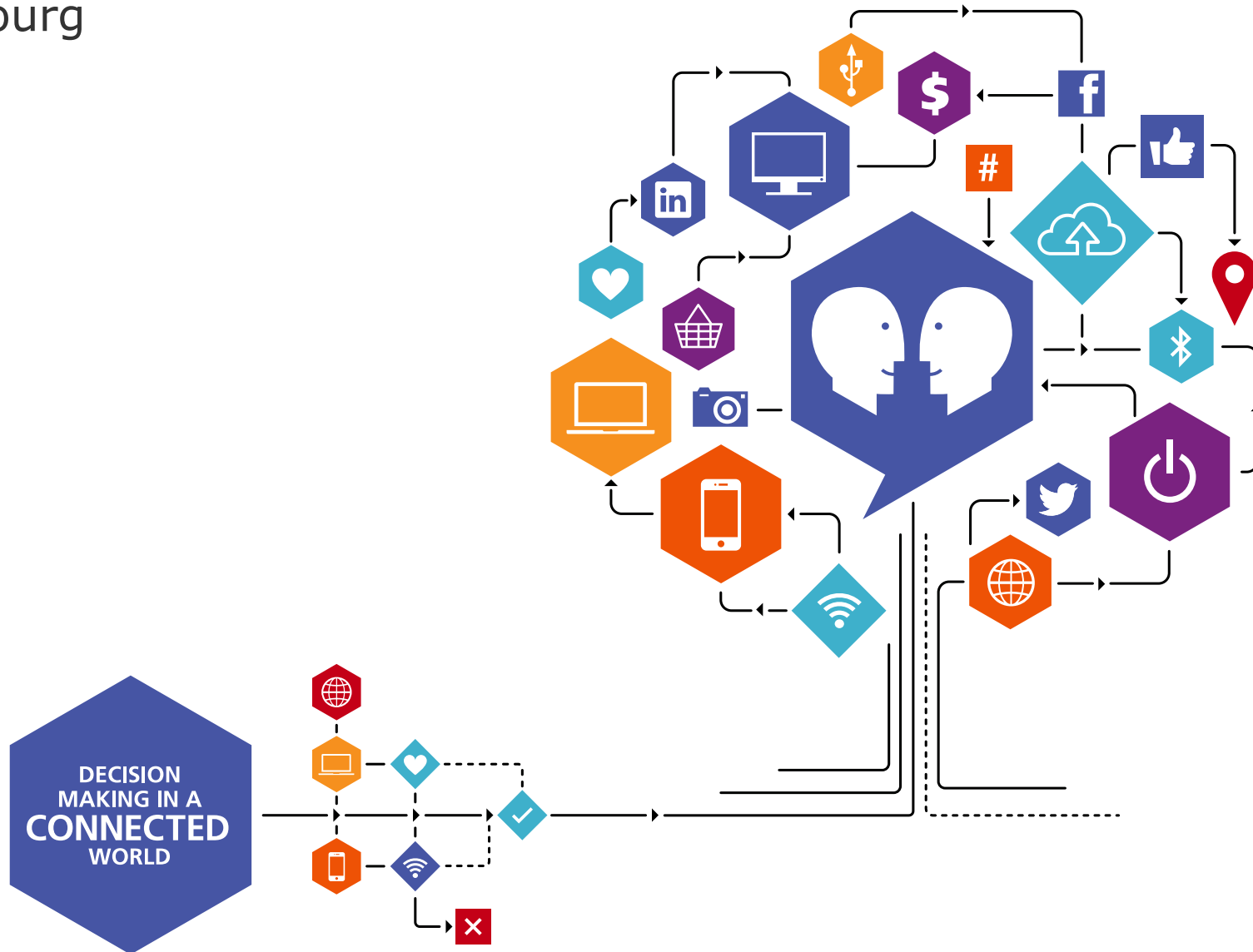


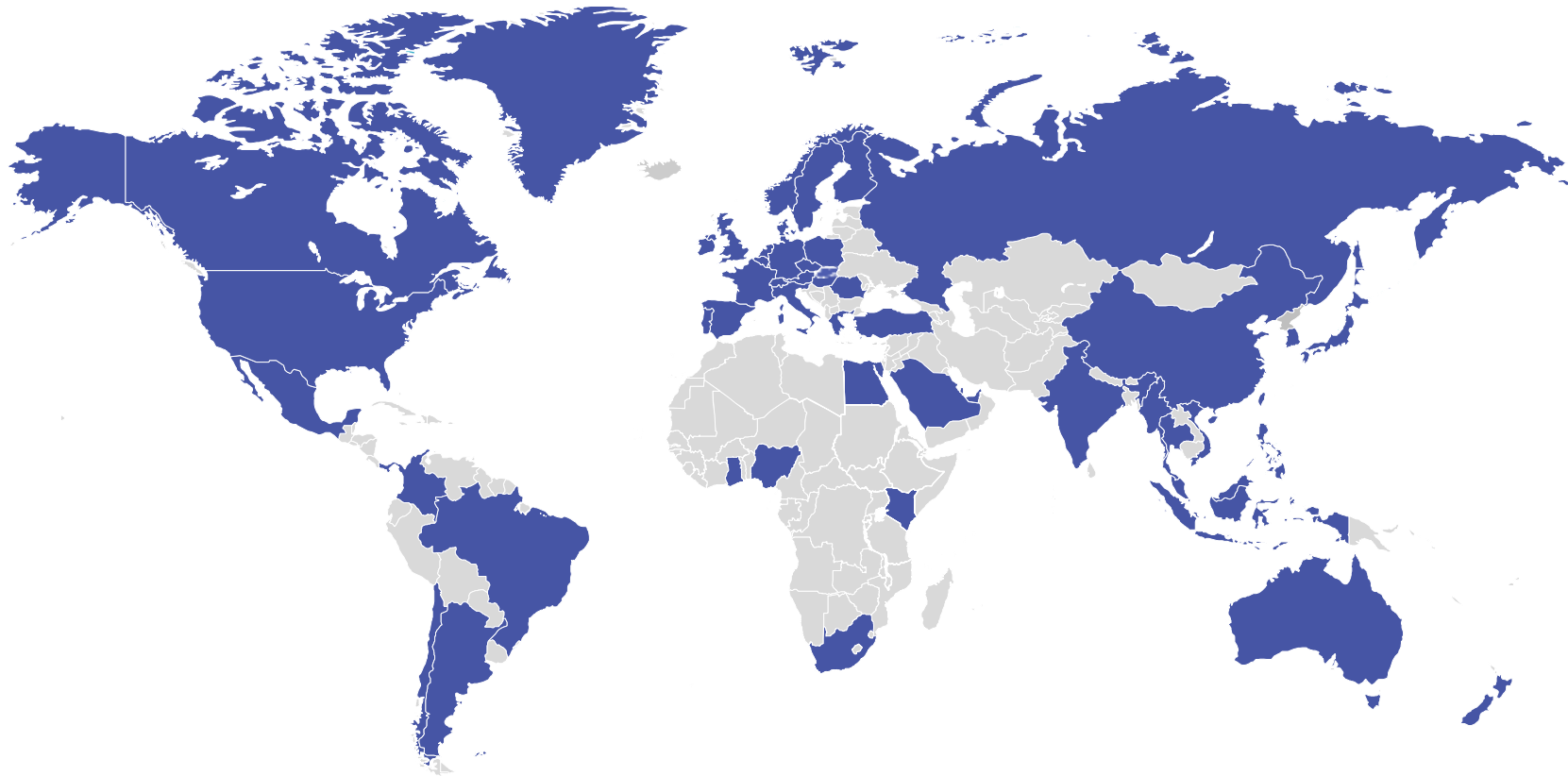
Connected Life 2014 Luxembourg



Connected Life 2014 explores how technology is transforming the lives of consumers across the planet

Covering regular internet users in over 50 markets around the world, this report offers essential insight into the impact of the growing digital ecosystem on the media landscape

It uncovers new and exciting opportunities for marketers to connect with their consumers in this increasingly complex environment



Media fragmentation is often described as the biggest brand **challenge** of the digital age. In reality, it's the greatest **opportunity**.

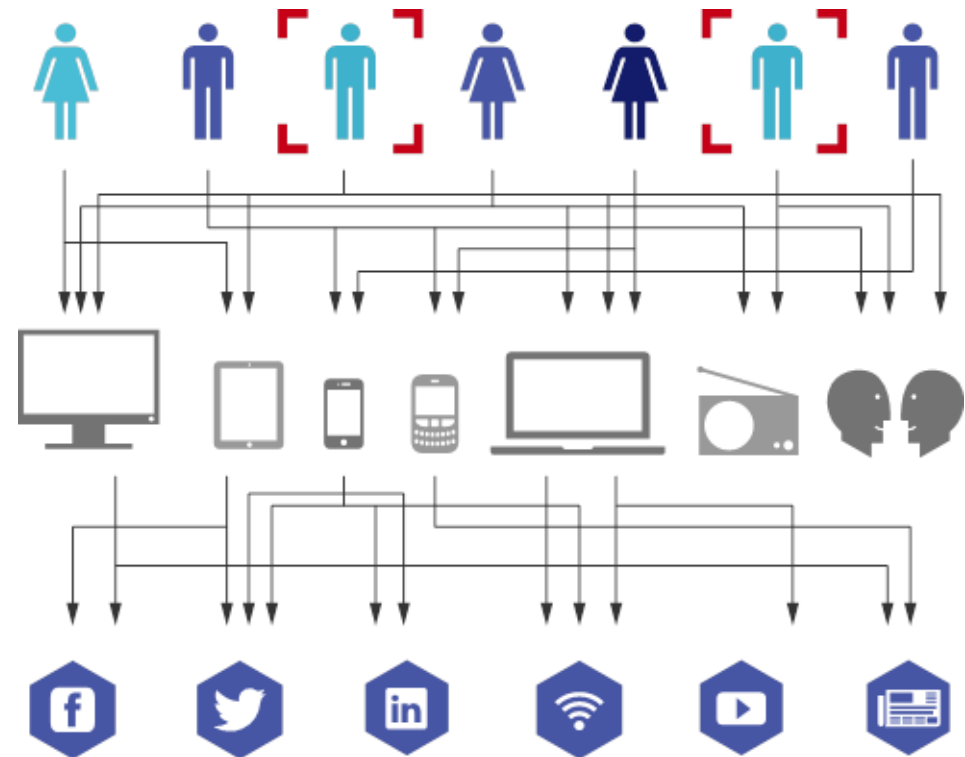
Connect with your consumers on a whole new level

As consumers move across multiple channels and adopt more advanced devices, targeting becomes a more complex task.

Yet there is a pattern to this behaviour; consumers are selecting the device, channel or touch-point that's right for them and the moment they are in.

Understanding these patterns allows the targeting of individuals and groups far more precisely and ultimately delivers against both long and short term marketing objectives with greater accuracy.

Connected Life delivers better decision making in a connected world.



Connect with the latest insights

How has the digital ecosystem developed?

What opportunities to meet specific brand objectives exist as a result?

1.

How has the growing digital ecosystem impacted media habits?

Role of digital in the overall **Media Landscape**

Research Questions

- What does the device infrastructure look like either locally or globally?
- What is the interaction between devices and media?
- What does a day in the life of a digital consumer look like across the world?
- What are the different types of digital segments that exist across markets?

2.

What is the reach of digital platforms and channels?

Role of digital in increasing **Brand awareness**

- What do consumers use these devices for? What content or services do they access, why?
- What is the incremental reach of different digital channels?
- What are the key market trends? Where is the market going and how quickly is the market changing?
- How does this compare across segments?

3.

How and why do consumers engage with brands?

Role of digital in **Brand building**

- How do digital consumer behaviours, attitudes, needs and motivations change across categories?
- What channels or routes of engagement are used?
- What content needs exist across categories?
- How does this compare across targets, categories and markets?

4.

How digital is the Path to Purchase?

Role of digital in driving **Brand activation**

- To what extent is online research and purchase prevalent in my category?
- What are the barriers and drivers of eCommerce?
- What's the share of voice for digital and social channels throughout the P2P?
- How do these paths change across segments?



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Connected Life – 8 Key insights

The digital ecosystem

- Luxembourg is a **multi-device, mobile-centric market**
- Despite being a **digitally-advanced market**, Luxembourgers are **still very reliant on traditional media formats**

Channel and platform reach

- **Multi-screening** is a common occurrence and consumers **attention is highly fragmented**
- Luxembourg is a **fast follower** in the uptake of new digital activities

Connected Life - 8 Key insights

Consumer brand engagement

- Internet users in Luxembourg are **less willing to engage with brands**, but those who do so, **seek for functional benefits**
- Those who are open to brands are far more willing to **broadcast brand content** and **engage with brands on social networks**

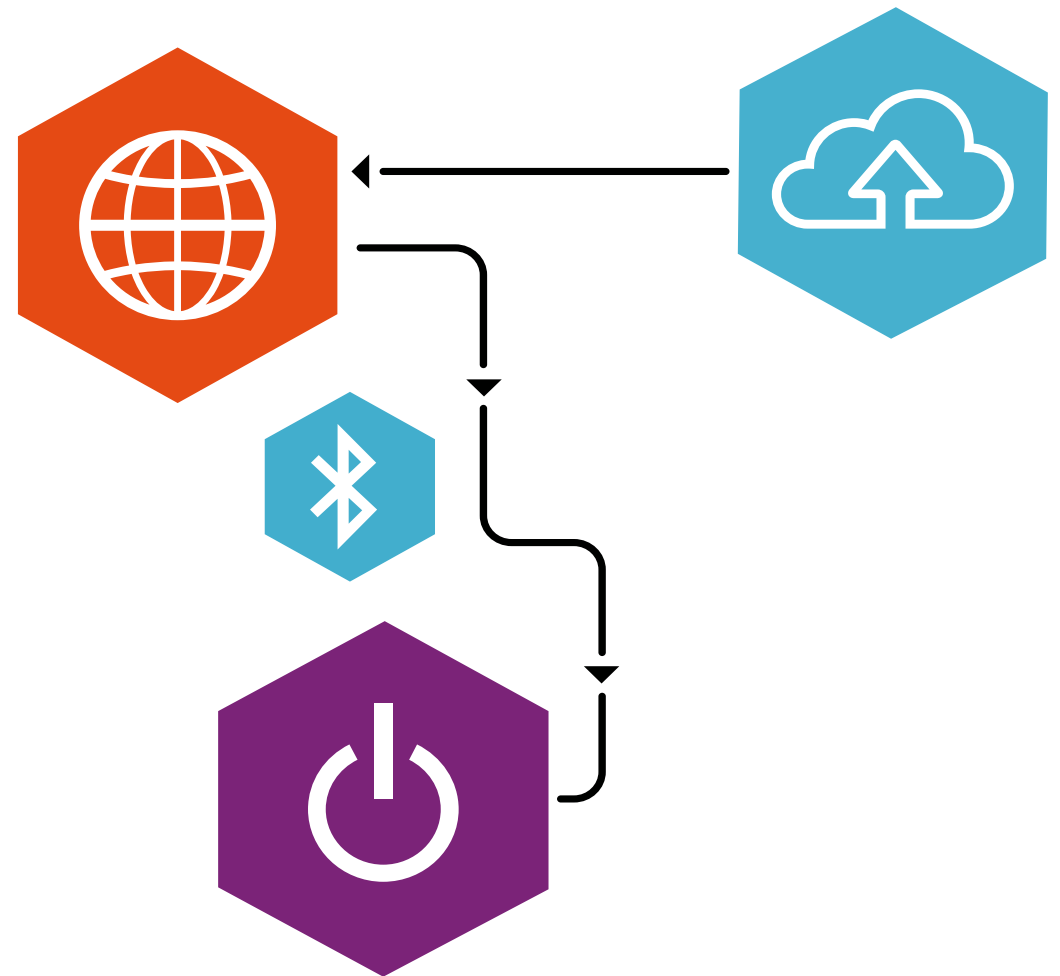
Connect on the path of purchase

- Luxembourg **lags compared to the rest of the world in their level of pre-purchase research**, but **leads in terms of online purchase**
- There are **barriers concerning delivery cost, payment security and product quality** that need to be addressed in order to **further drive eCommerce development**

It's through a precise understanding of **behaviour patterns** that companies can **transform the challenge of media "fragmentation"** into a **great opportunity** and **increase their relevance and engagement** versus the consumers !

2

Connecting with consumers



The two most important questions to ask when forming connection strategy

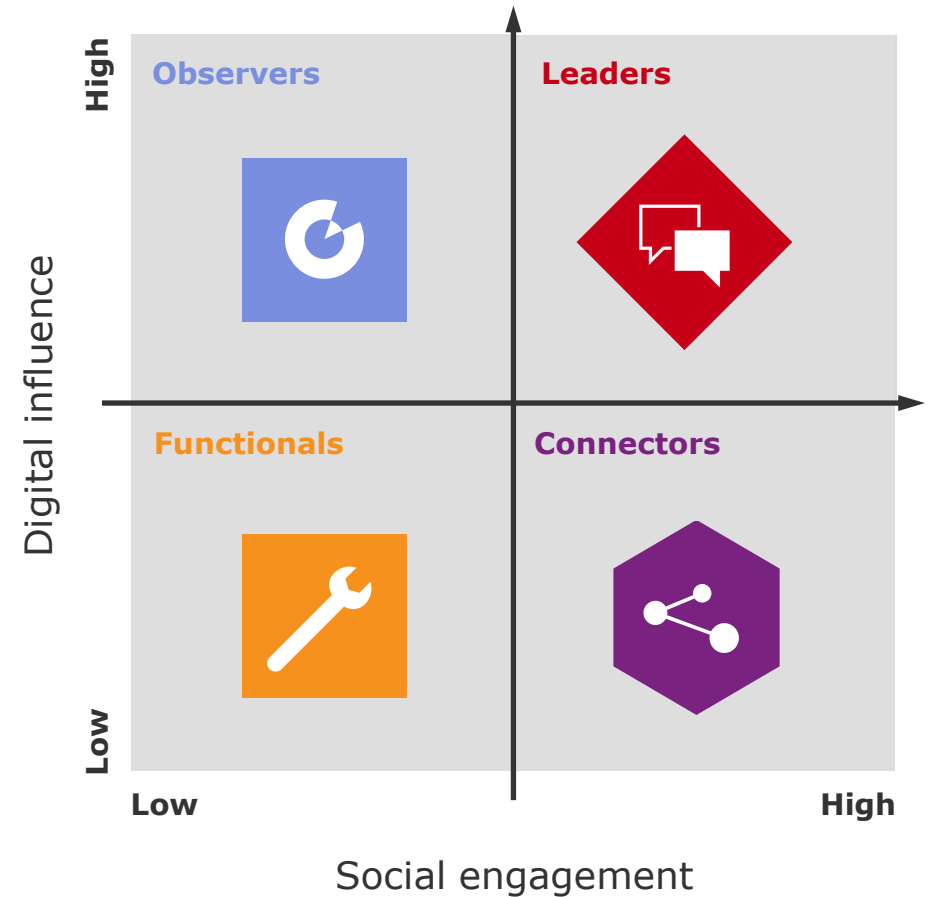
To what extent should I focus on digital, rather than other channels?

The answer to this question is based on the level of influence digital channels hold, which grows with improving *access*. The more devices or bandwidth a consumer has, the more time they will spend online and the more influential the medium becomes

Where should this focus be? On social and earned media or owned and paid?

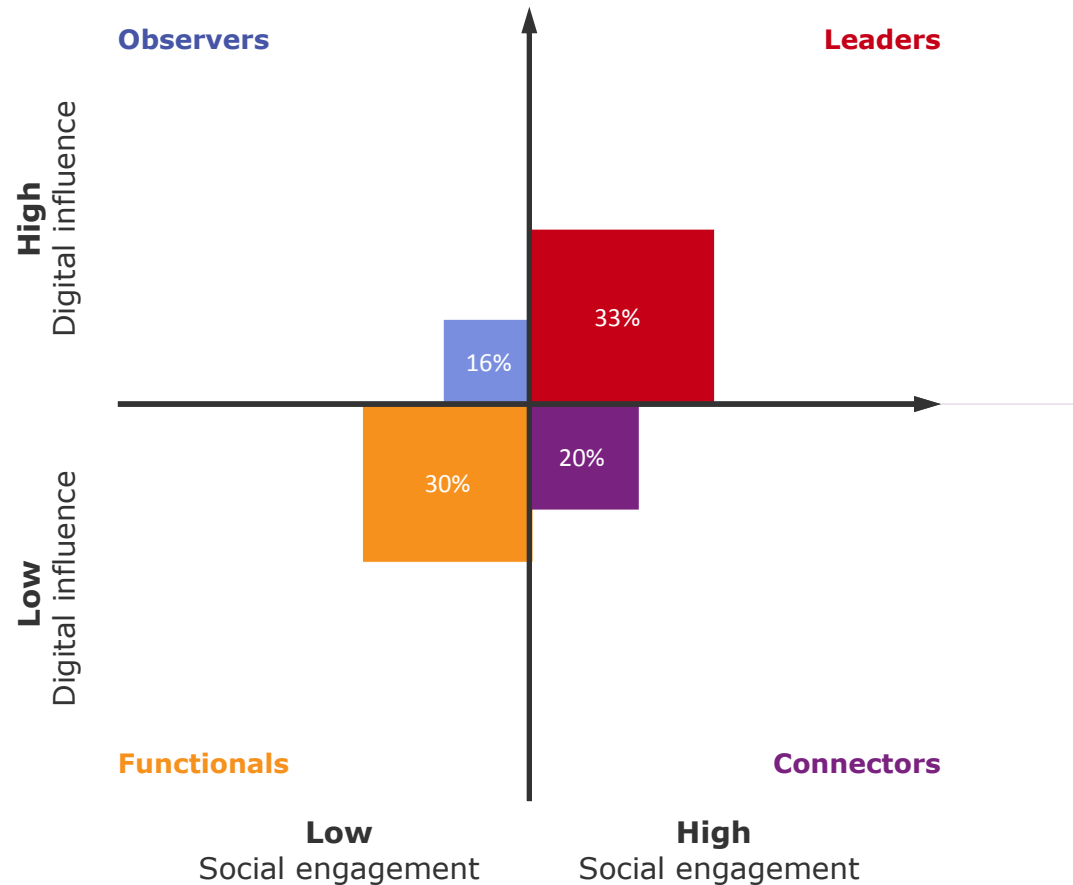
The answer to this questions is less clear cut as it is more closely linked to *attitudes* than *access*, wherever consumers have a stronger attachment to social channels they will play a more important role.

We use a simple framework to describe this shifting dynamic across markets, categories and consumers



Yet, in Luxembourg, internet users, relative to each other are more likely to be Leaders or Functionals

Axis drawn at *local* level, to compare within market:



Connected Life Segmentation
Base: Global (54,775) | Luxembourg (975)



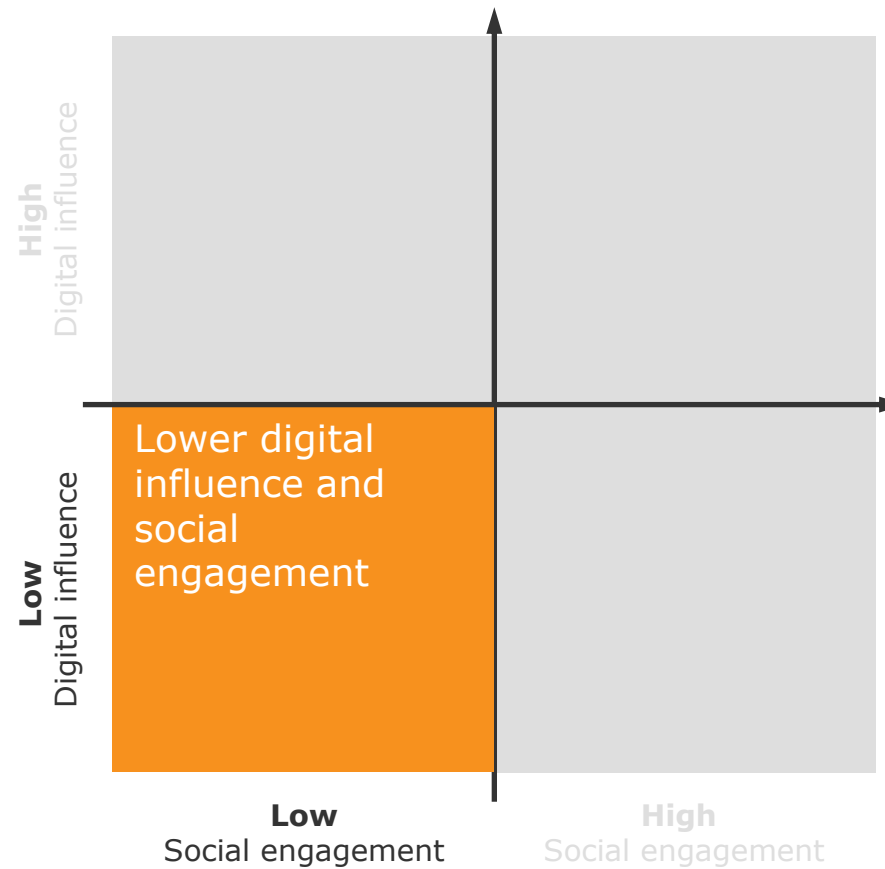
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Low digital influence, low social engagement – **Functionals**

With either poor access (emerging markets) or little interest in digital technology (developed markets), this group is still influenced far more by the world outside than the internet, particularly offline media

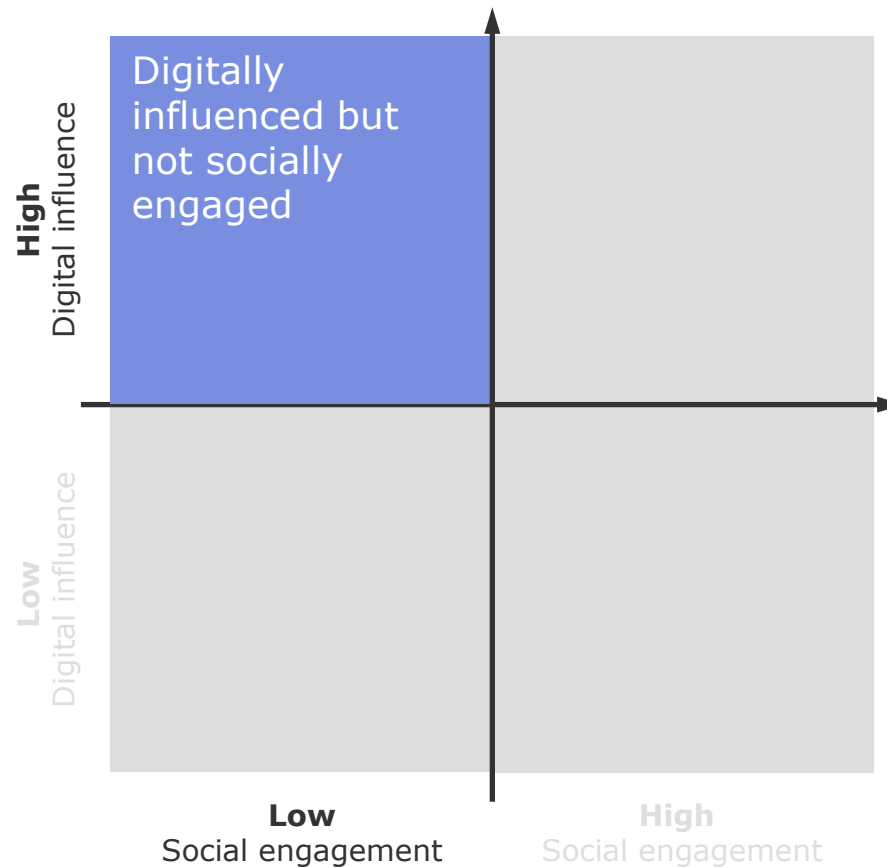
- Less engaged in Digital Media and Technology than others
- Less engaged in Social Media than others
- Still consuming large amounts of traditional media
- Digital not as prevalent in the decision path



High digital influence, low social engagement – Observers

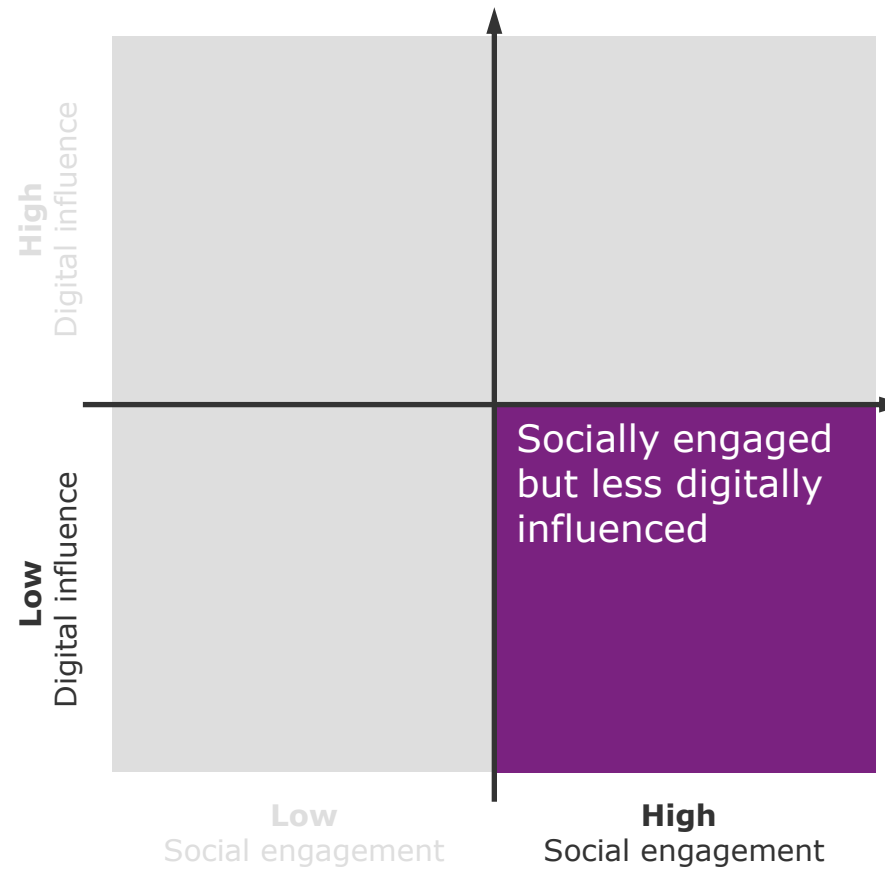
The internet is a huge source of information for this group, but they show little interest in engaging, with or being influenced by, social media

- Heavily engaged in digital media & technology
- Social media is not as important to them as other groups
- Use digital through the day, across multiple devices in many markets



Low digital influence, high social engagement – **Connectors**

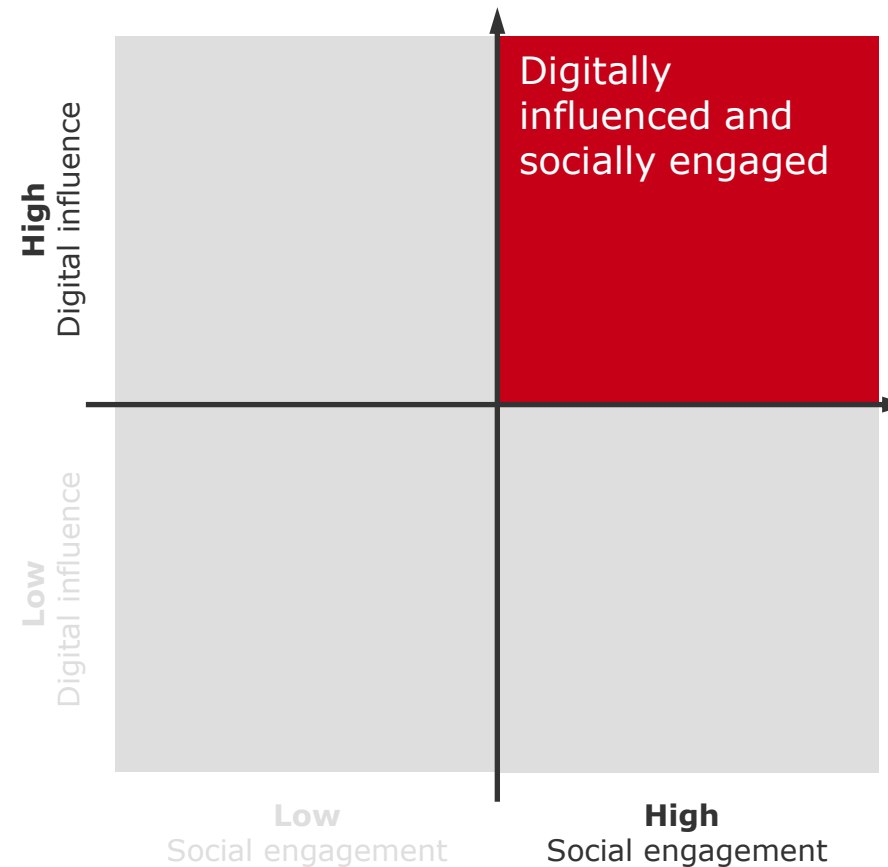
Often new to the internet and keen to do more, this group may have to prioritise how they spend their limited online time, and choose social every time



- Highly engaged in social – an important part of their life
- A consumer of social (rather than an influencer)
- Not a heavy user of digital outside of social, compared to others

High digital influence, high social engagement – Leaders

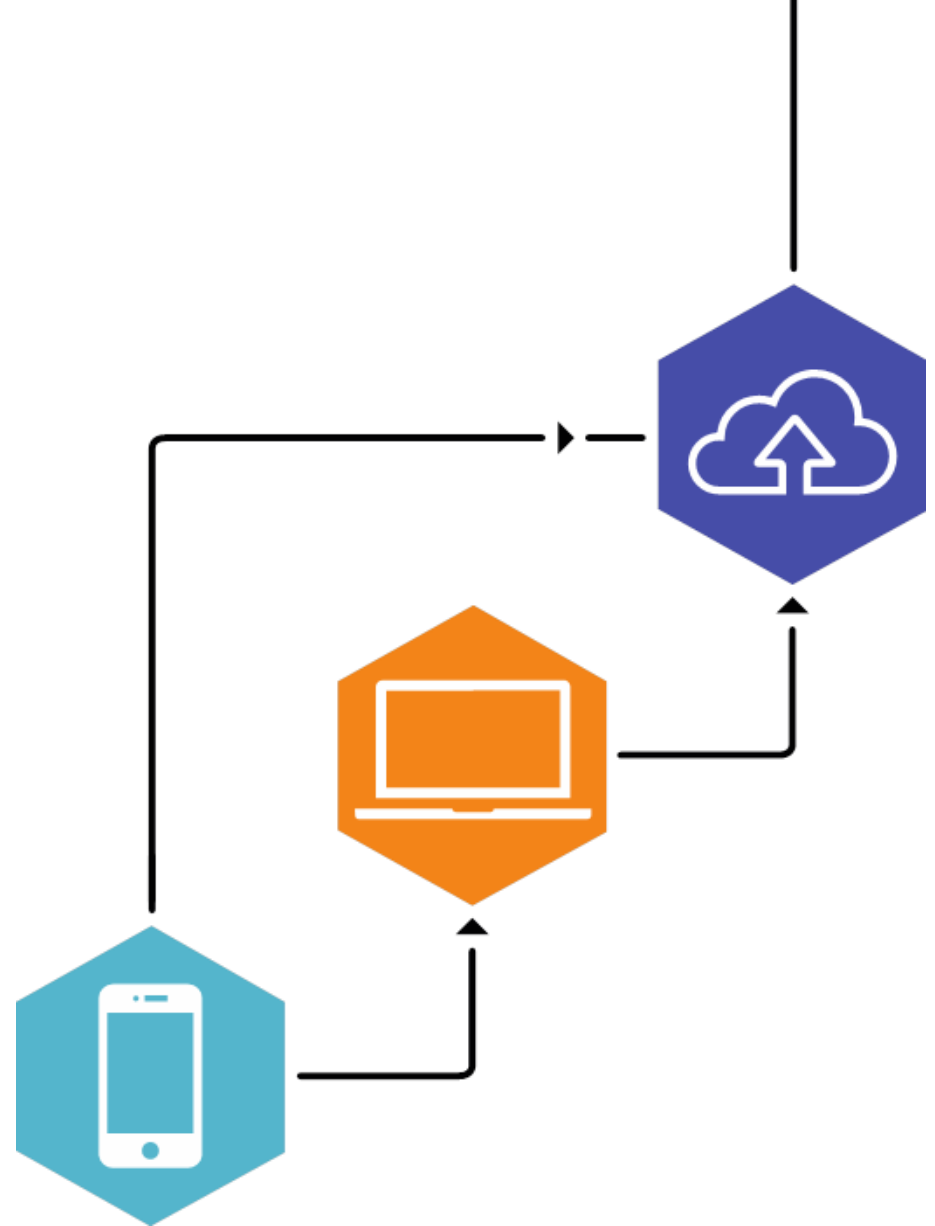
Quick to adopt new technologies and see digital as an end in itself, this group are both heavily influenced by, and heavily influential, on digital and social channels



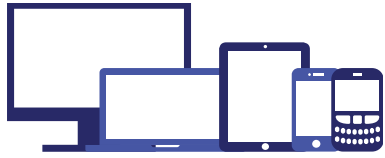
- Highly engaged with both digital & social media
- Typically more vocal in social media
- Constantly connected through the day, across multiple devices in many markets
- Harder to reach via traditional means
- Greatest influence of digital & social in the decision path

3

How has the growing digital ecosystem impacted media habits?



Access and attitude define a market's level of digital sophistication



Device infrastructure

Including fixed line or wireless internet penetration, whilst access to mobile and other devices can extend penetration or offer the only gateway to digital content and services



Cost and speed of data

Cost of data is still a restrictive influence in many emerging markets whilst speed of access may create a barrier in developed markets



Device legacy

Users with long histories of PC, or traditional media use often find these habits hard to break, and migrate to new devices or new services at a slower rate. This leads to both 'digital natives' and 'leapfrogging' as users without these legacies adopt faster



Digital engagement

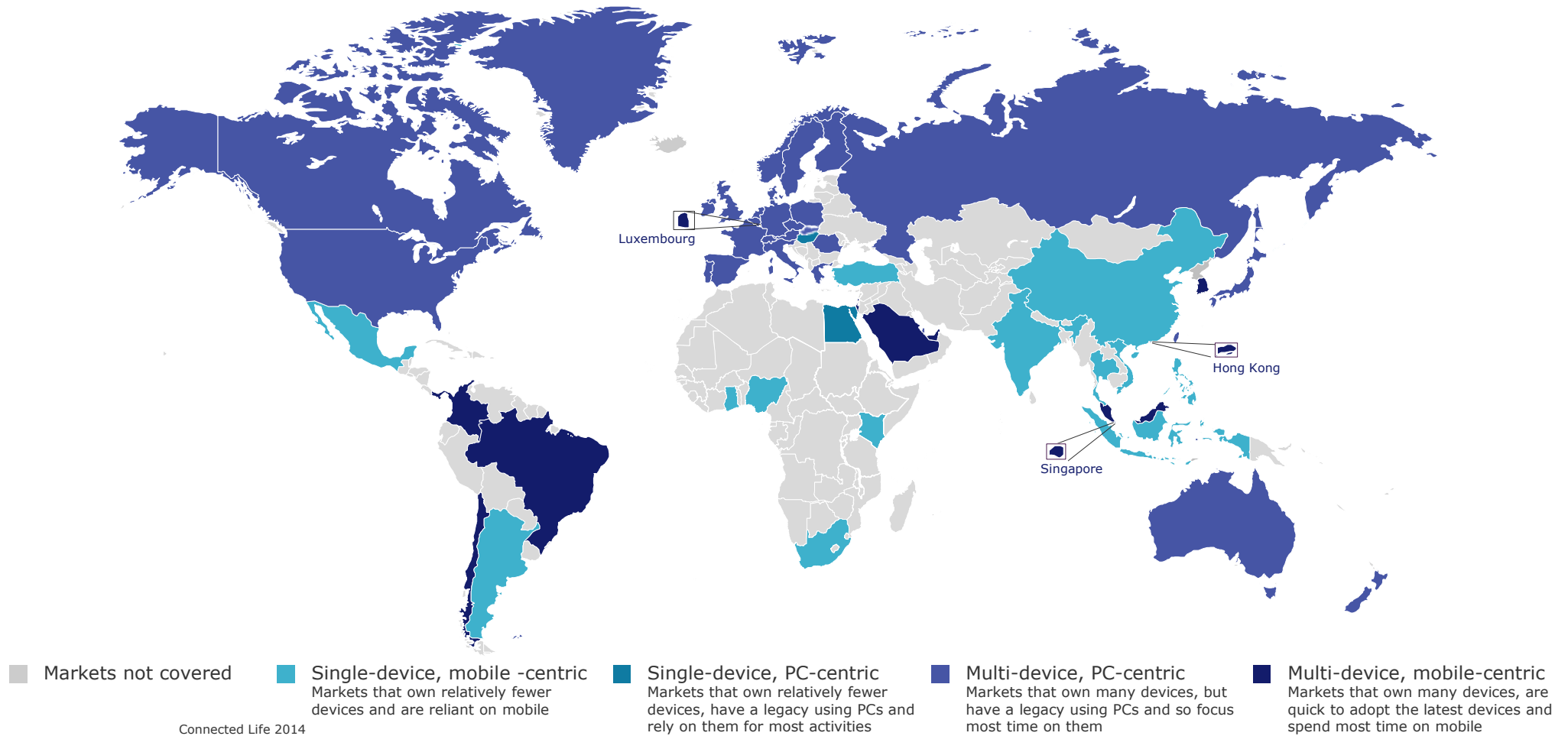
As access restrictions lift, digital engagement becomes the defining factor in speed of adoption of new digital behaviours or services. Those with a real interest in new technologies, or with few alternatives will migrate online at a far faster rate

Access factors

Attitudinal factors

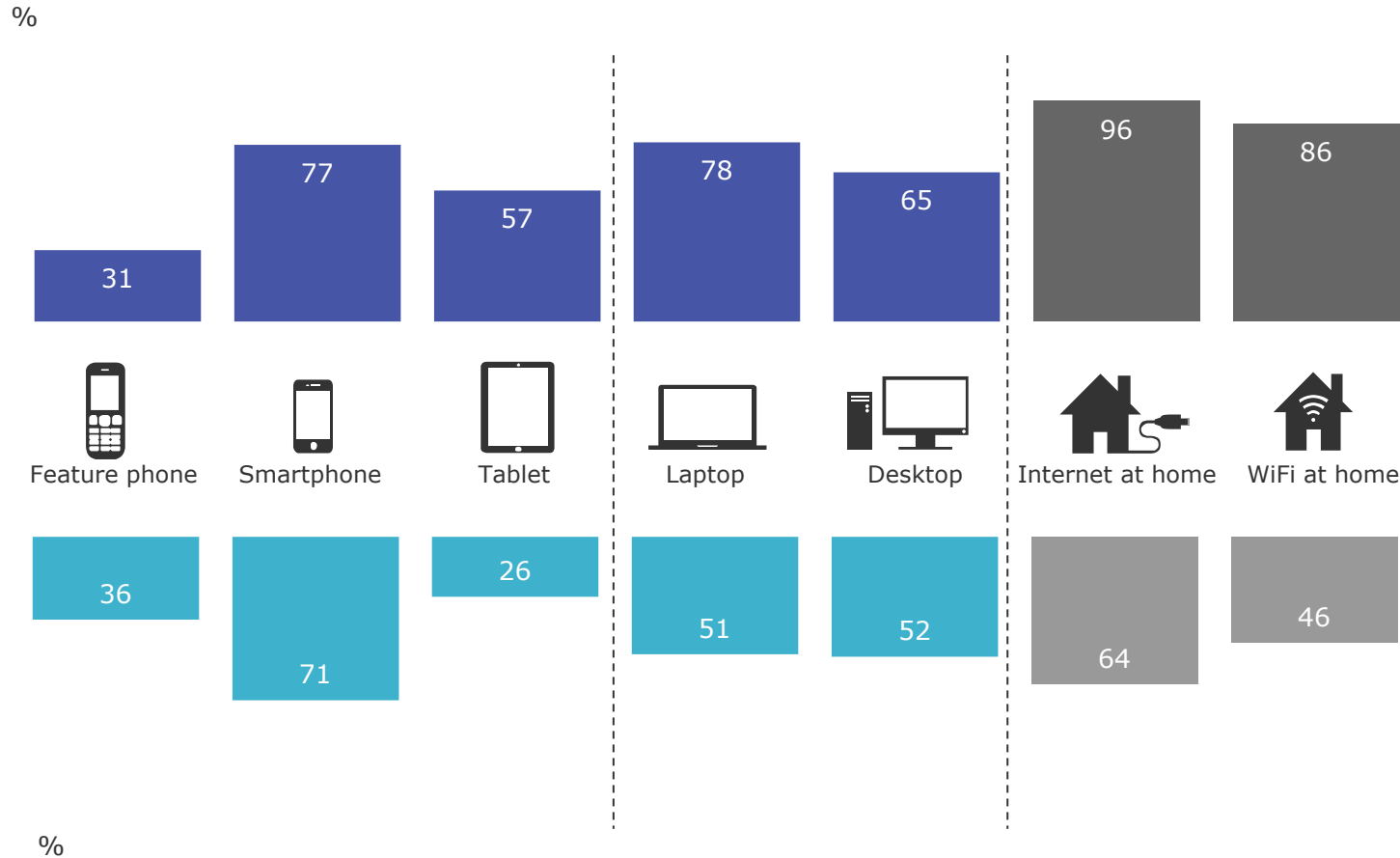
Owning multiple devices and being attitudinally engaged makes Luxembourg a multi-device, mobile-centric market

Device centrality



On average, internet users in Luxembourg own over five devices. Tablet ownership in Luxembourg is more than twice of the global average

Device ownership



Luxembourg:
Average number of devices owned*

5.2



Global:
Average number of devices owned*

3.6

B1. Device ownership

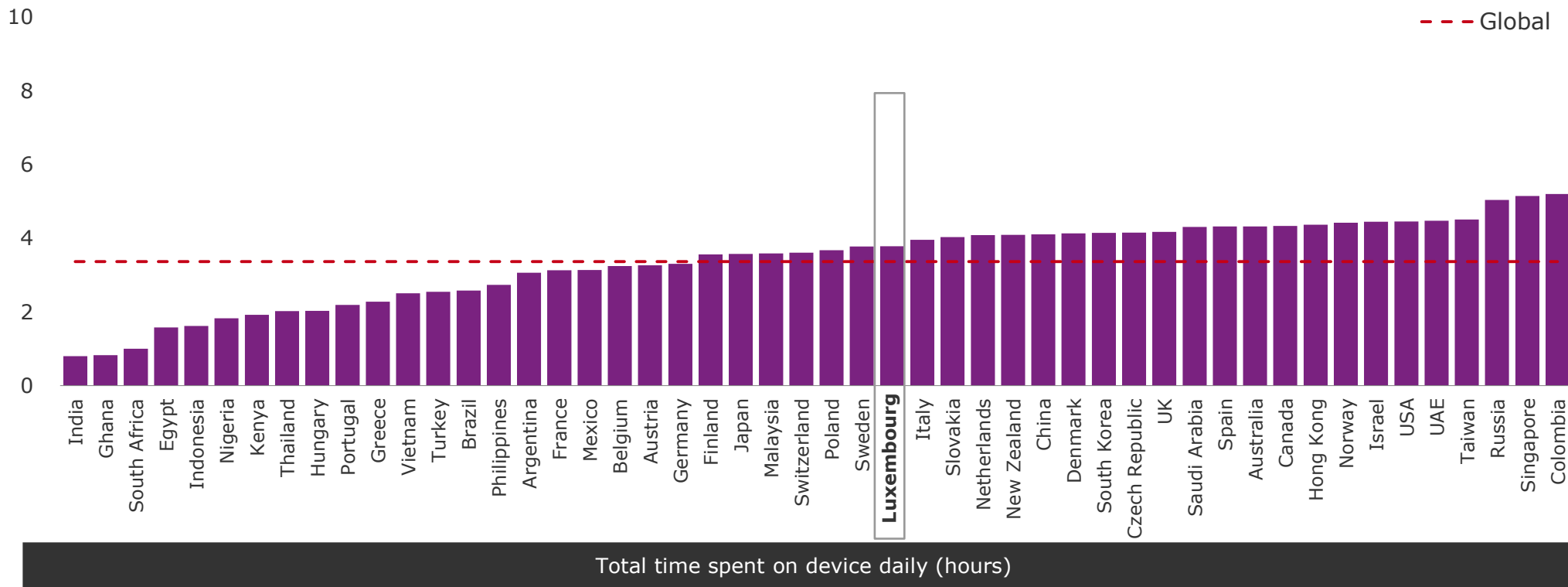
Base: Global (54,775) | Luxembourg (975)

*Devices owned include: mobile phone, smartphone, tablet, laptop, desktop, gaming console, smart TV, flat panel TV and fixed line telephone

Luxembourgers spend more time on devices compared to the global average

Total time spent on device daily (hours) – market level

Hours/day



D2. Time spent on device | Google CCS Program 2014
Base: Global- typical day (36,797)

N.B. internet penetration factored in to take into account overall incidence

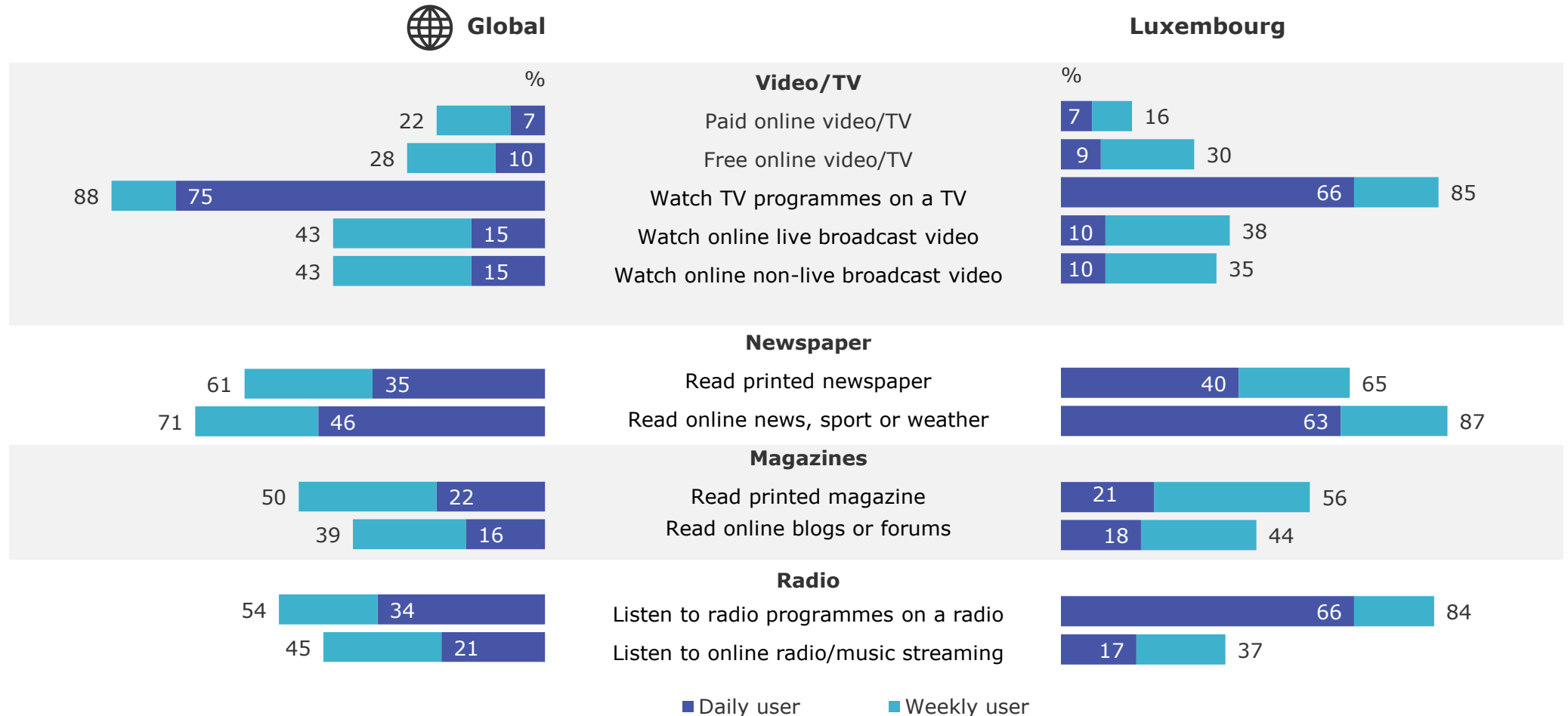


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Traditional media formats are still dominant in Luxembourg, with the exception of news which has shifted online

Overall media consumption



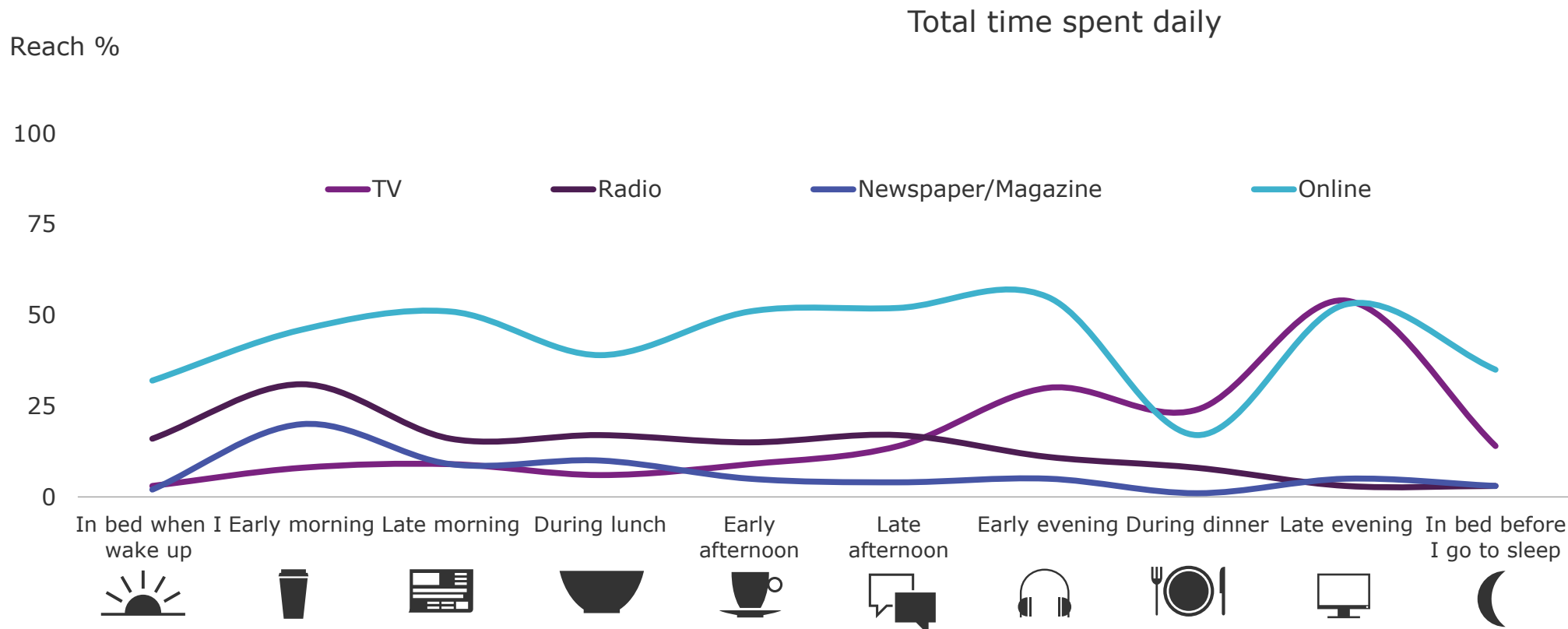
A1. Frequency of media consumption | C1. Frequency of digital activities
 Base: Global (54,775) | Luxembourg (975)



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Online media consumption is strong throughout the day, apart from the evening period where TV viewing peaks

How traditional and online media are used throughout the day



D2. Total time spent on device/media | D2a. Total time spent online | D3. Device/media usage by daypart
 Base: Luxembourg - typical day (705)

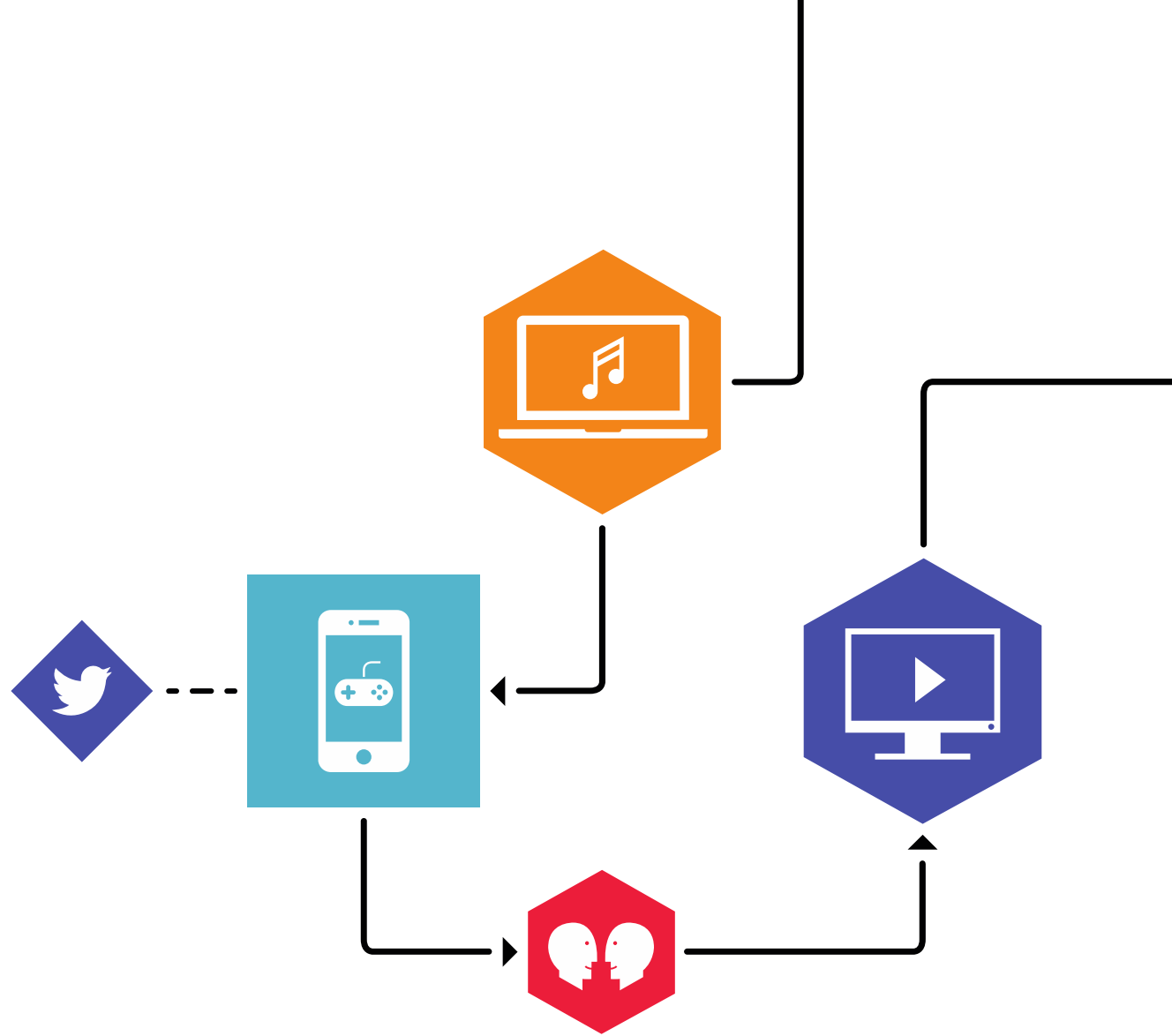


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4

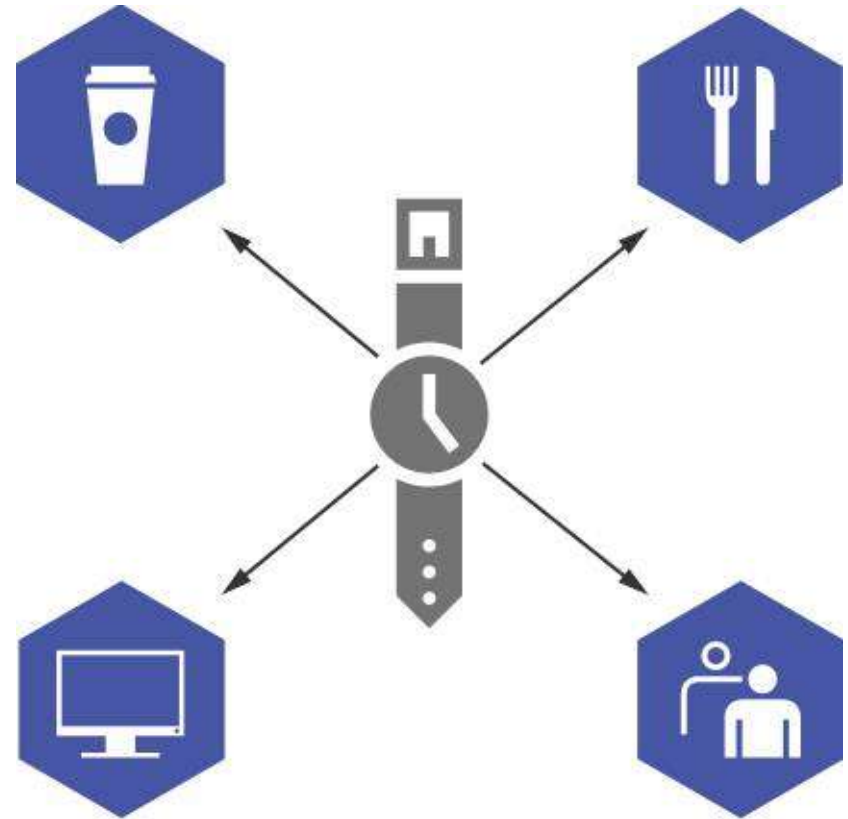
What is the reach of digital platforms and channels?



Connect with moments, not just target groups

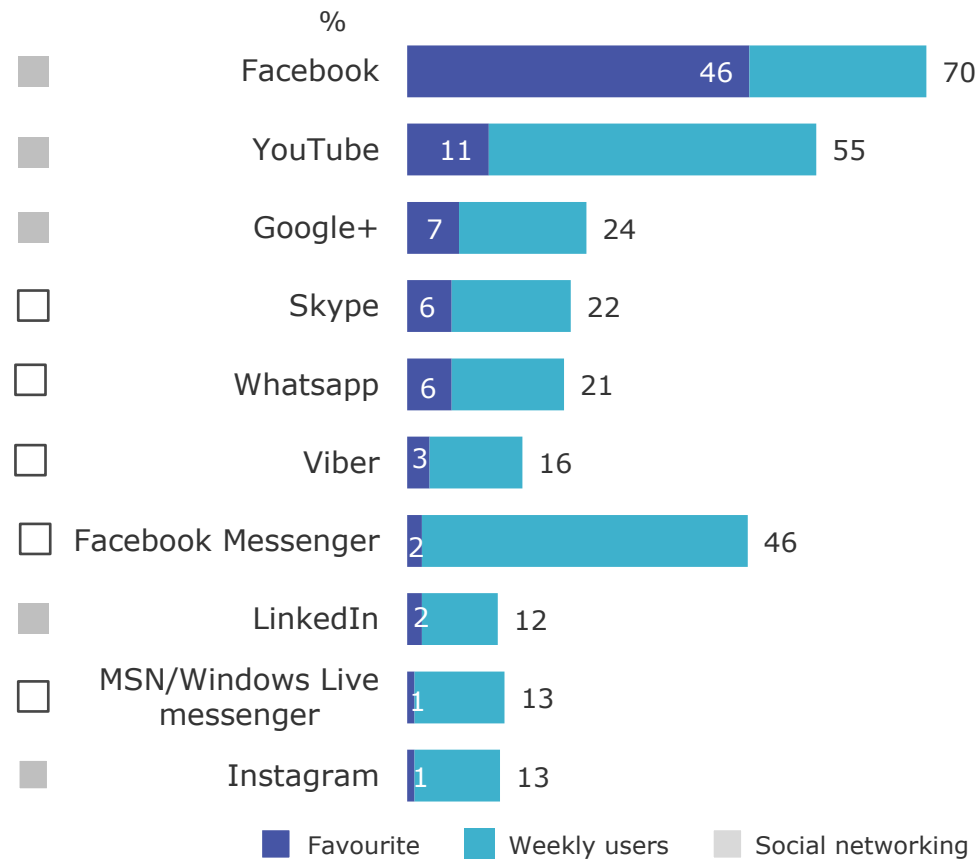
Marketing used to be simpler. Marketing goals were about exposing your message to as many people as possible within your target group

A fragmented landscape demands a shift in focus. The question is no longer 'how can I reach my consumer?' but 'how can I reach my consumer at a time when my brand is most relevant to them?' Thereby increasing the relevancy of a message by targeting consumers in a specific context, with a specific need.

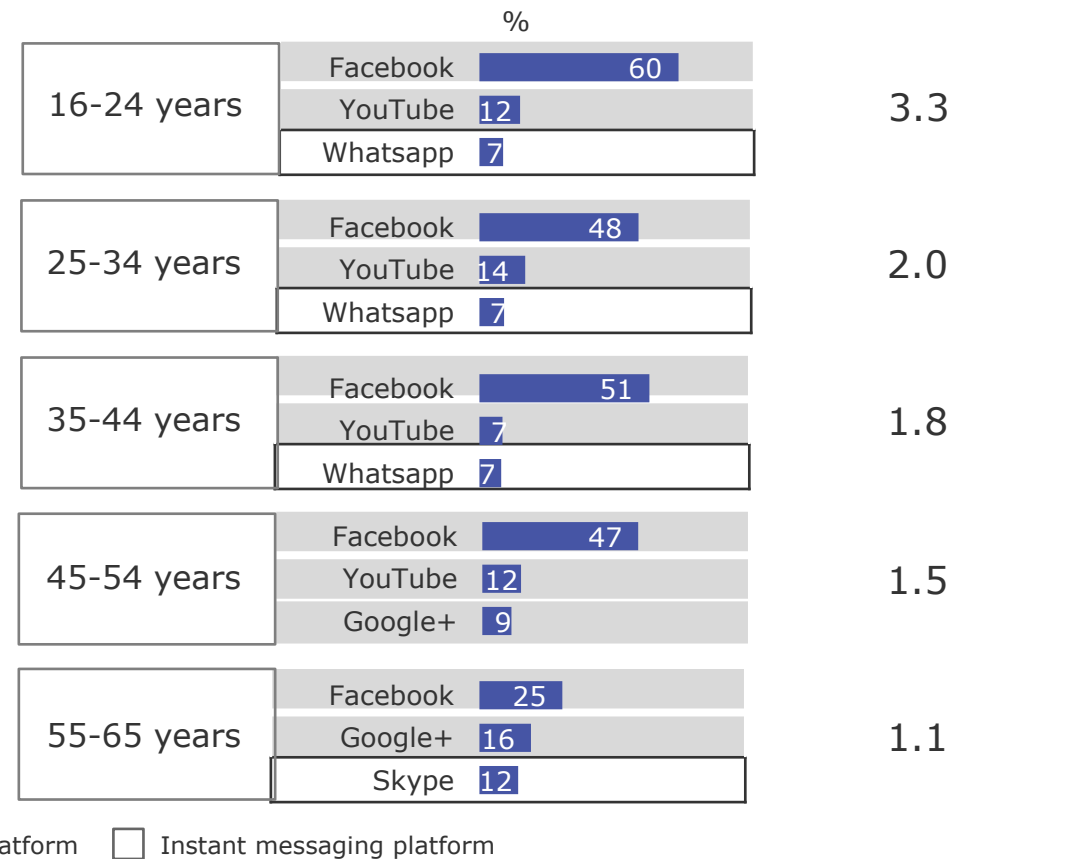


Younger users access a wider repertoire of social platforms, while older users tend to access one daily. Facebook dominates as the most popular platform across age groups, although younger users also show affinity for YouTube

Top social networking and instant messaging platforms



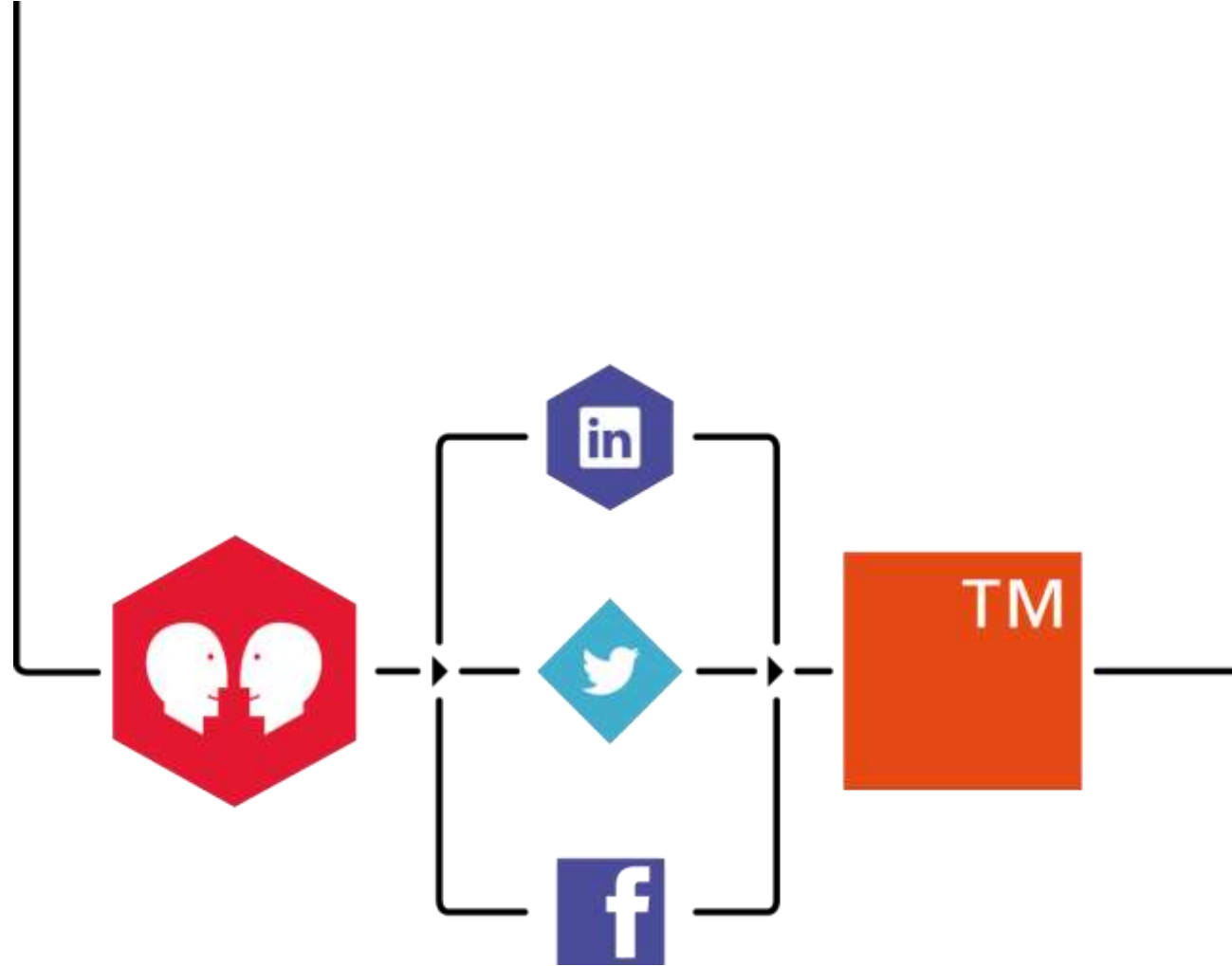
Favourite platform (by age)



C4. Frequency of social networking and IM usage | C4a. Favourite social networking or IM platform
 Base: Luxembourg (975) | 16-24 years (137) | 25-34 years (192) | 35-44 years (228) | 45-54 years (245) | 55-65 years (173)

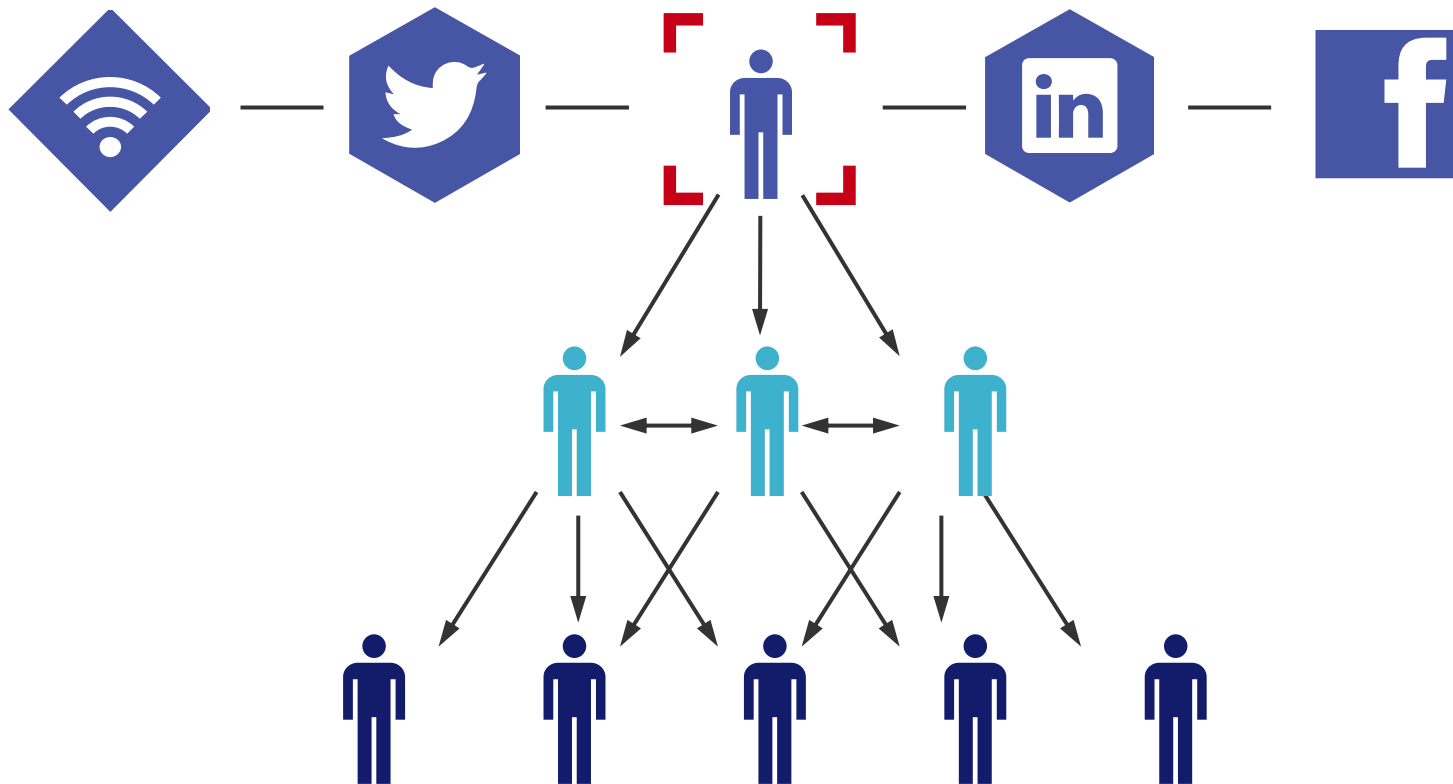
5

How and why consumers connect with brands



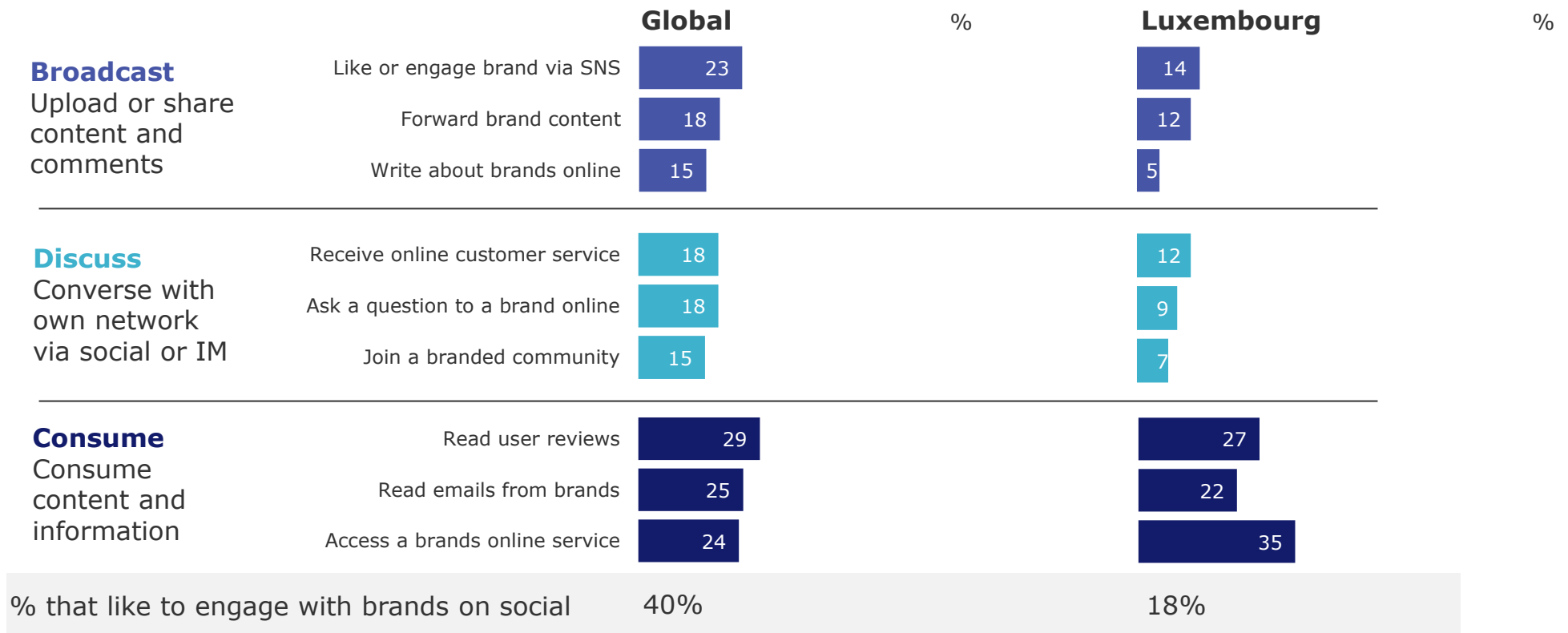
Great content marketing is timely, relevant and shareable

In this scenario, not all consumers are equal, and prioritising those that are most active and most open to brand contact will increase the chances of success.



Consumers in Luxembourg are far less open to brands on social networks compared to those globally, but they are more likely to access a brand's online service

Reach of brand activities - Global vs. Luxembourg

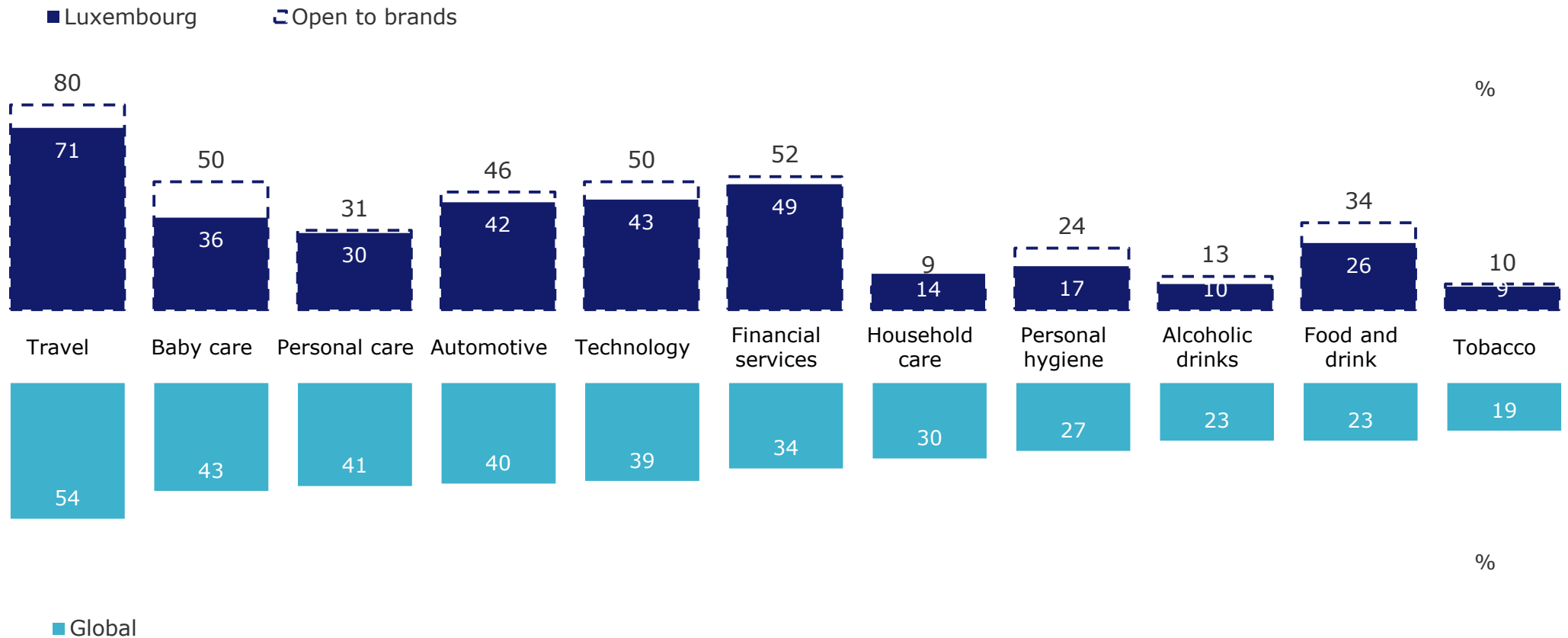


N.B. Reach of activities refers to weekly usage for top activity for each type

C5. Brand engagement activities | C8b. Brand attitude – I like to engage with brands on social
Base: Global (54,775) | Luxembourg (975)

Consumers are most willing to engage with Travel, Financial services, Technology and Automotive brands, but those who are open to brands are more willing to connect across categories

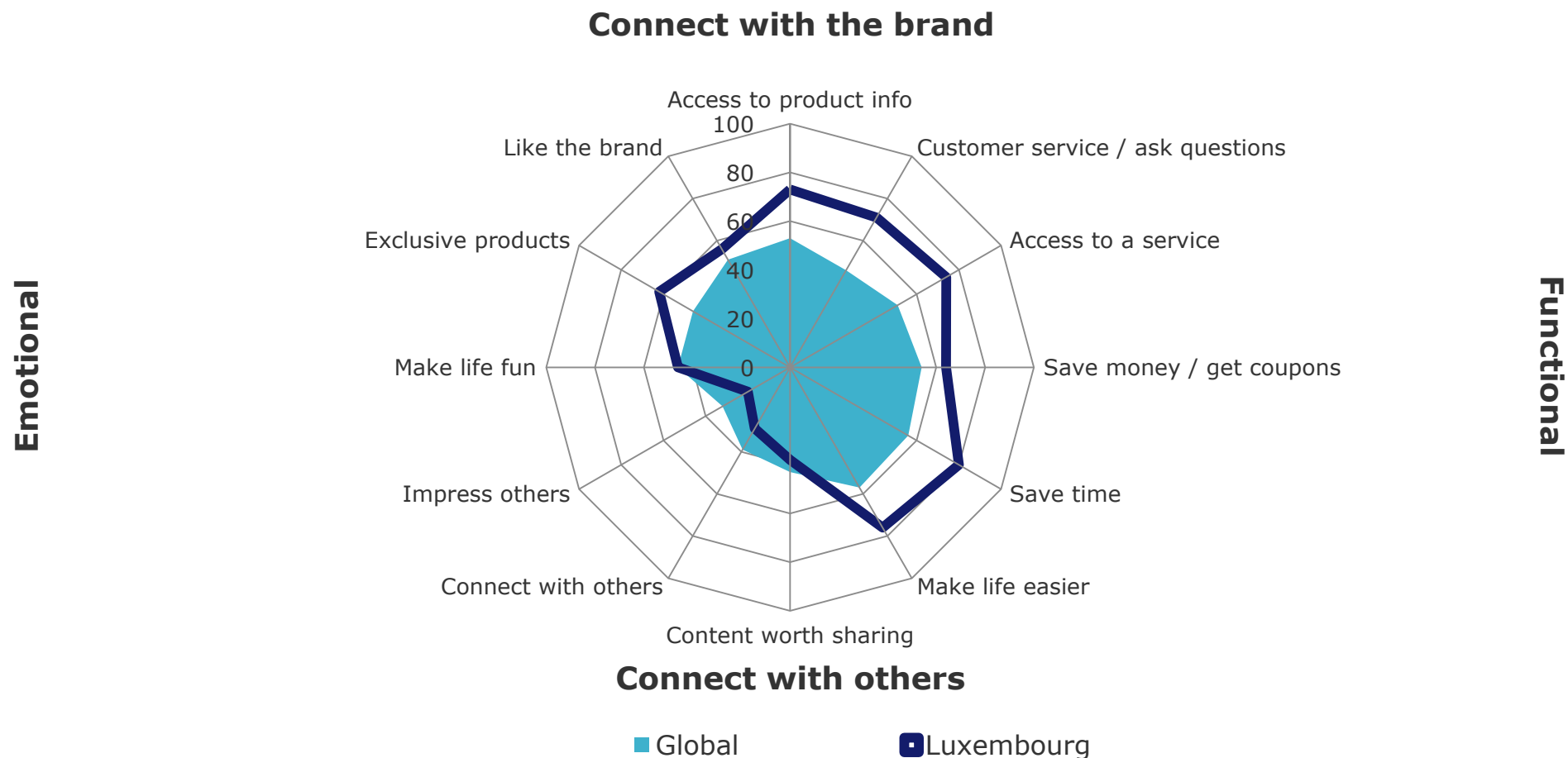
How willing category users are to engage with brands



C6. Categories willing to engage with brands
 Base: Category purchasers (975) | Travel (597) | Baby care and parenting (109) | Cosmetics or skincare (398) | Automotive (225) | Technology (618) | Financial services (331) | Household care (361) | Personal hygiene (603) | Alcoholic drinks (424) | Food and drink (748) | Tobacco (174)

Most consumers in Luxembourg engage with brands for mainly functional purposes – accessing product information, online services as well as time and cost savings

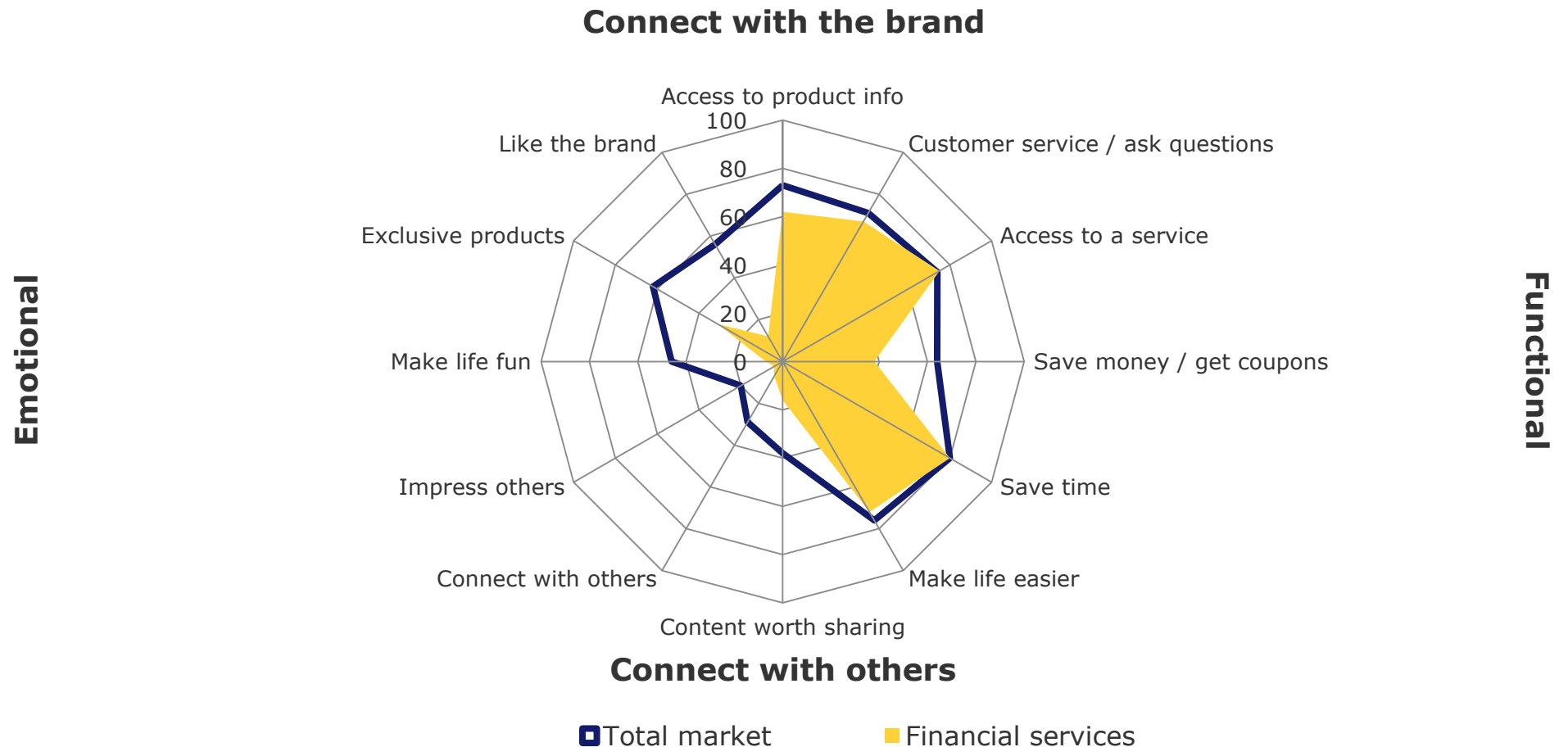
Content needs - Global vs. Luxembourg



C7. Reasons to engage with brands
 Base: Respondents willing to engage with brands - Global (43,476) | Luxembourg (826)

Online services, saving time and convenience are the key engagement drivers for Financial services

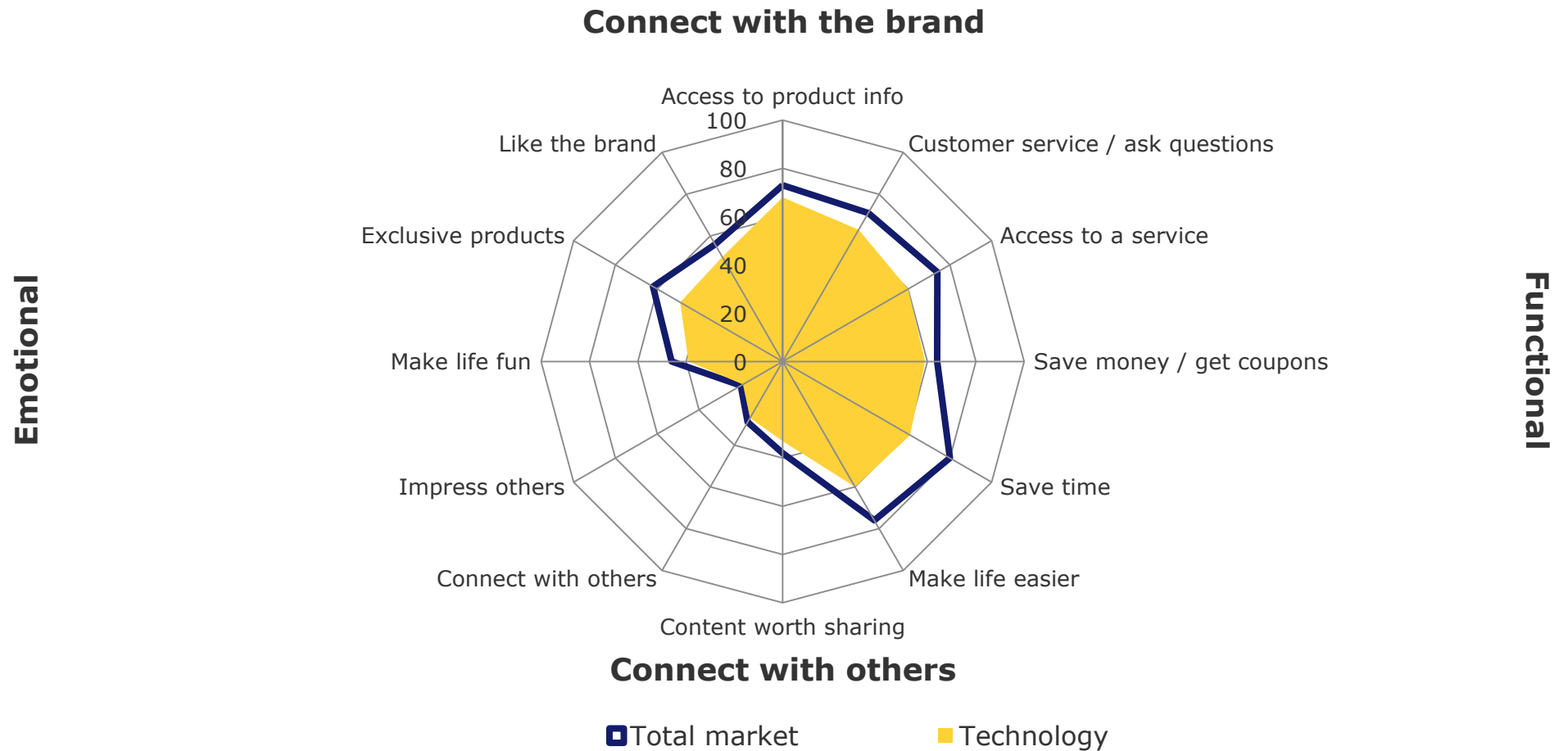
Content needs by category involvement - Total market vs. Financial services



C7. Reasons to engage with brands
Base: Respondents willing to engage with Financial services brands (381)

While in Technology, majority engage with brands for functional reasons

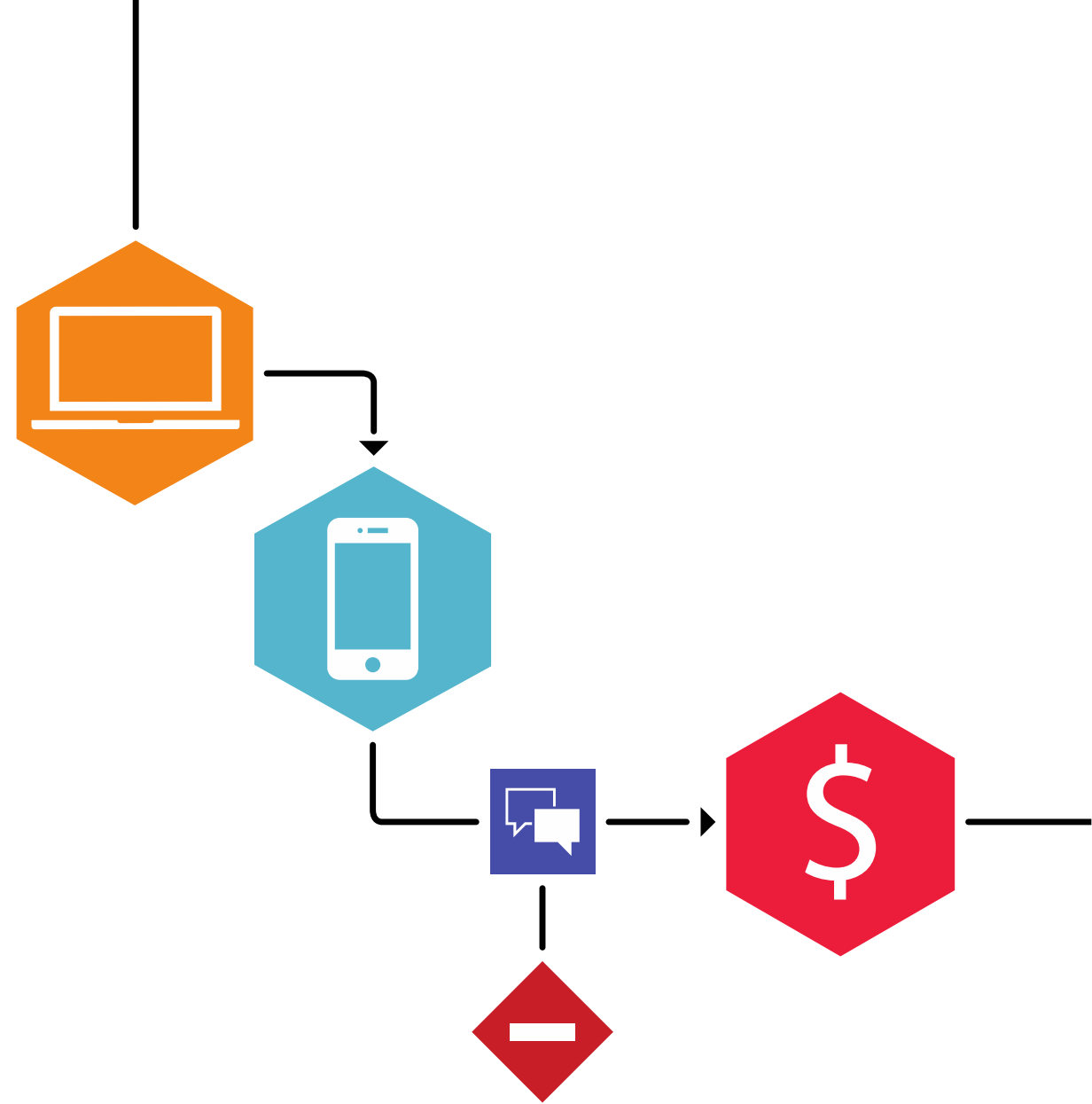
Content needs by category involvement - Total market vs. Technology



C7. Reasons to engage with brands
Base: Respondents willing to engage with Technology brands (386)

6

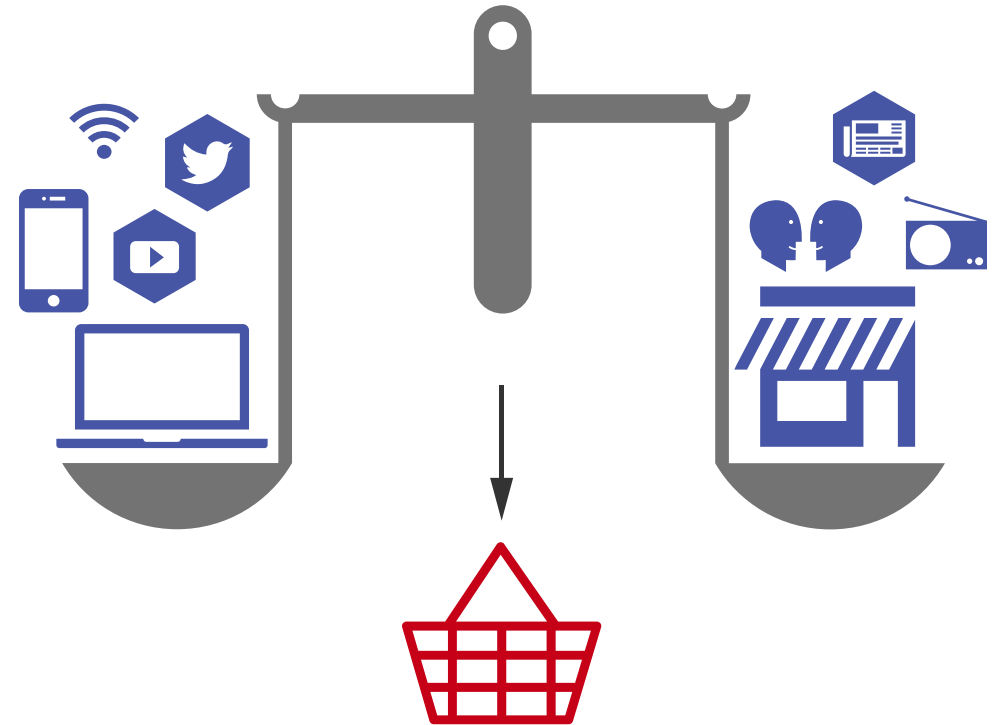
Connect on the Path to Purchase



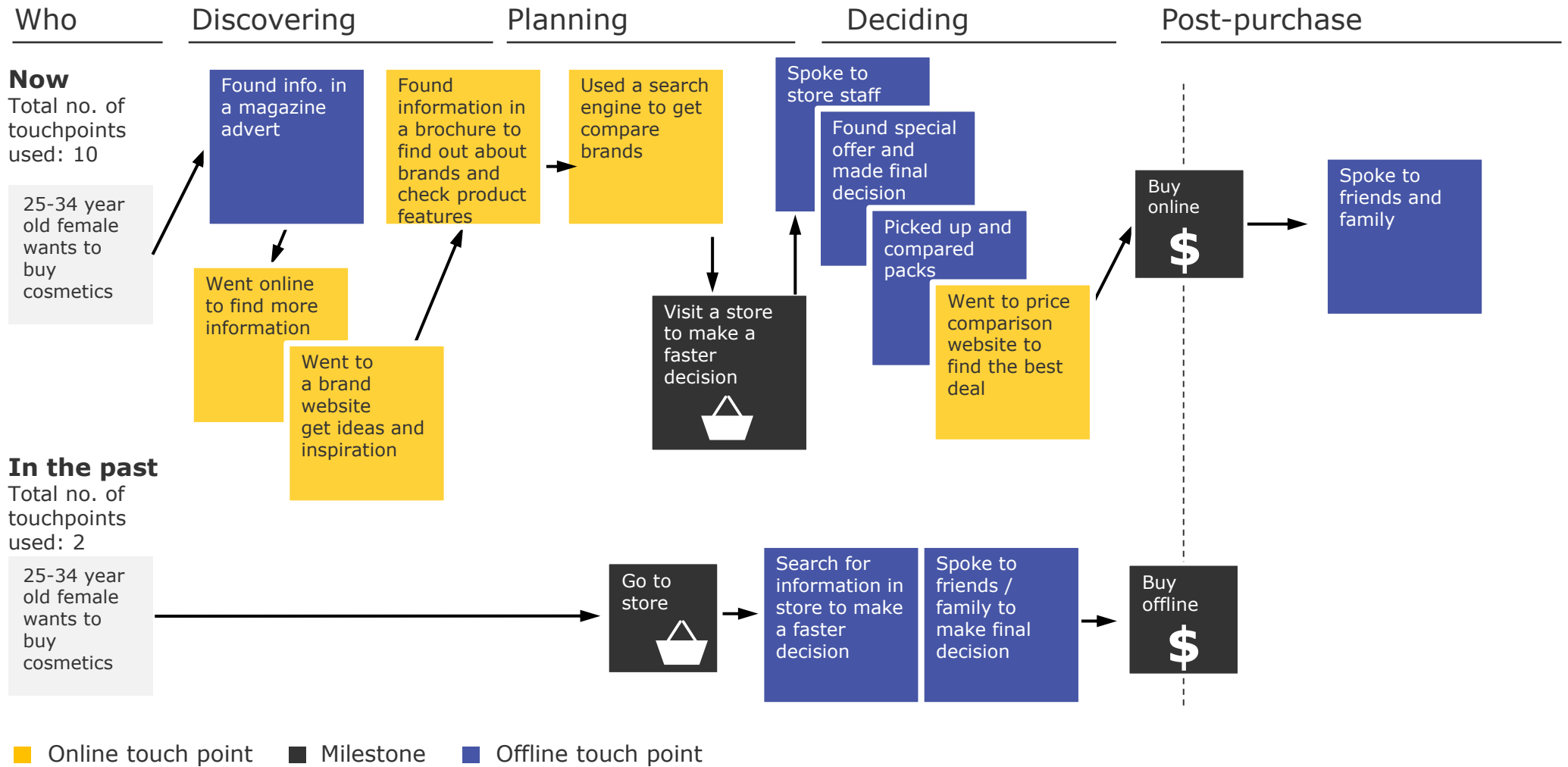
Digital is not always the most influential touchpoint in the Path to Purchase

The **overall influence of digital** is determined by the following factors:

- The level of **digital development** with the market
 - And the **segmentation profile** of the shopper
- The **shopper mission** within each category
 - And whether the shopper is **open or decided** on what brand to buy



As a market becomes more digitally advanced, the number of touchpoints grow

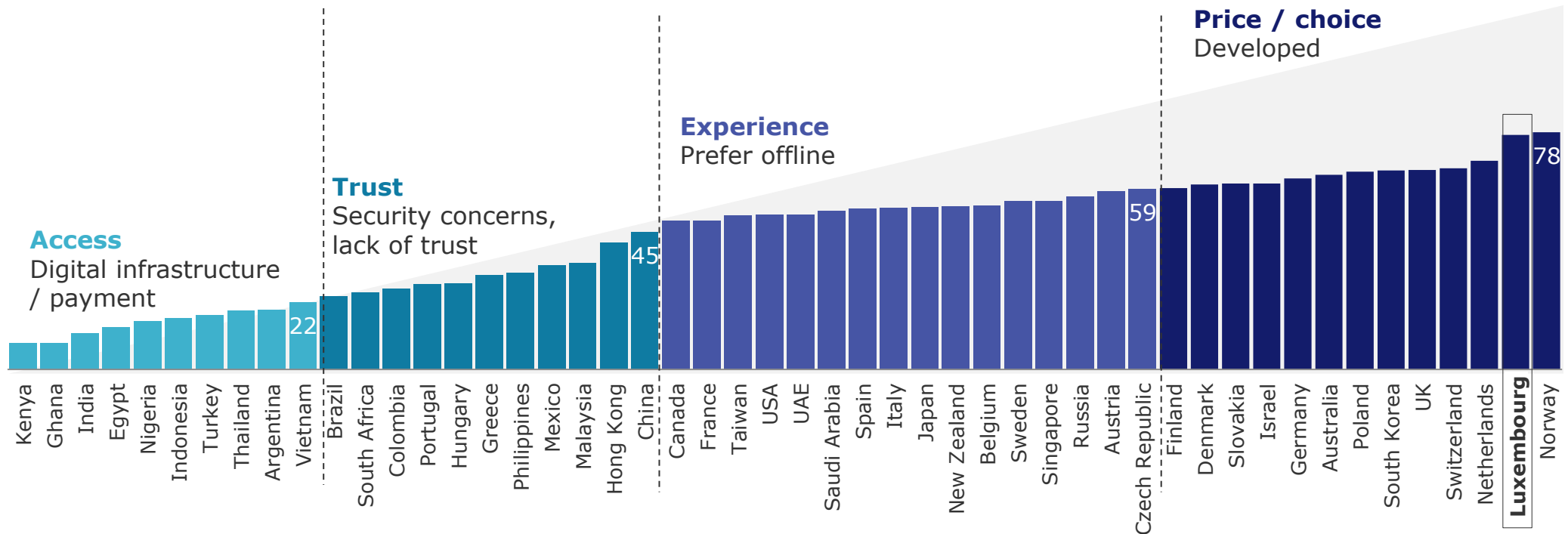


Markets move through the development funnel by addressing key barriers and drivers to eCommerce – Luxembourg can drive further growth through the function of increased price and range competition

Development funnel

To develop a market's eCommerce proposition, key barriers must be addressed

Total category (net) incidence of eCommerce (%)



E3. Purchase made on/offline
Base: Global (54775) | Luxembourg (975)

N.B. The development funnel has factored in internet penetration and is cross-referenced to eCommerce barriers.

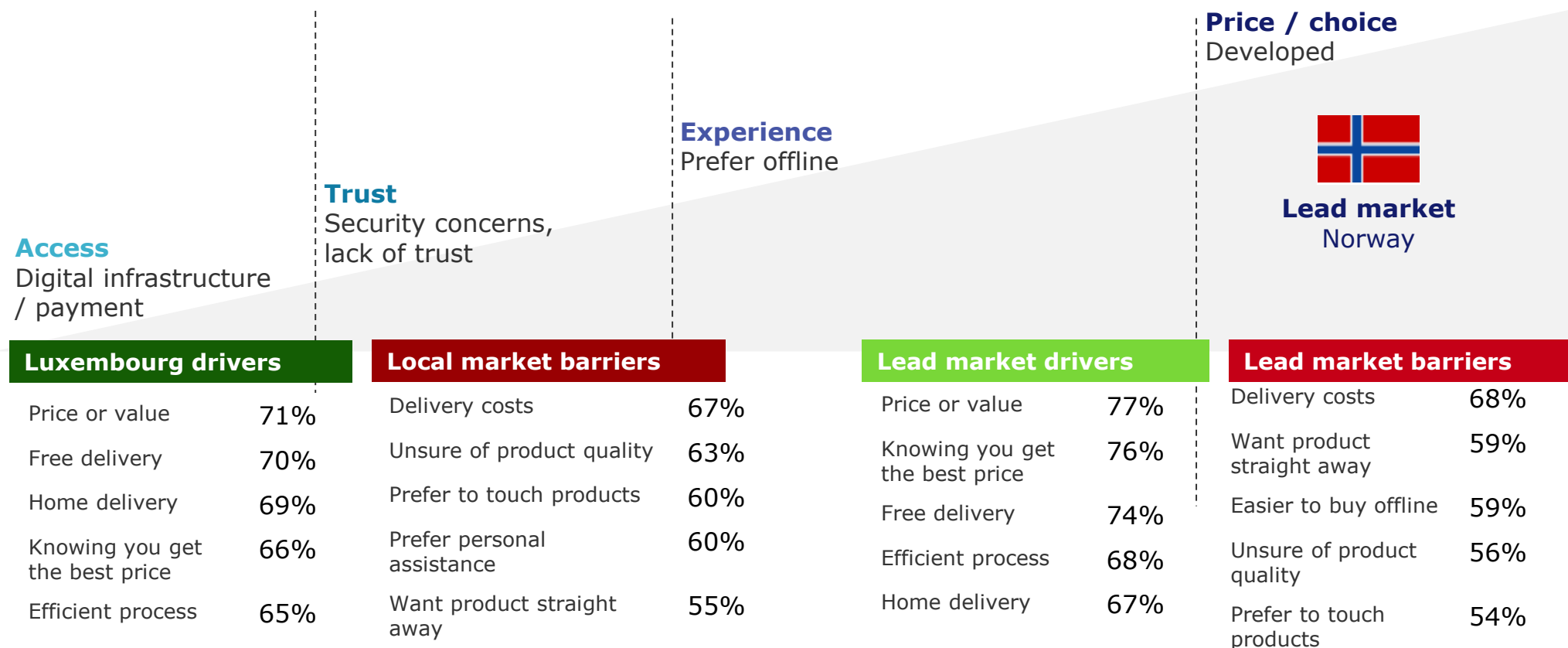


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Addressing top barriers around delivery cost and quality concerns, as well as leveraging on cost as the top driver will help move Luxembourg through the development funnel and increase the role of eCommerce

Development funnel



E5a. Reasons to purchase online | E6. Reasons not to purchase online
Base: Luxembourg (975) | Lead Market (978)



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Music and Travel products are most commonly bought online in Luxembourg, with still room for growth for categories such as Groceries, Technology and Financial services

Level of online purchase by category

Groceries

Such as food, personal and household care

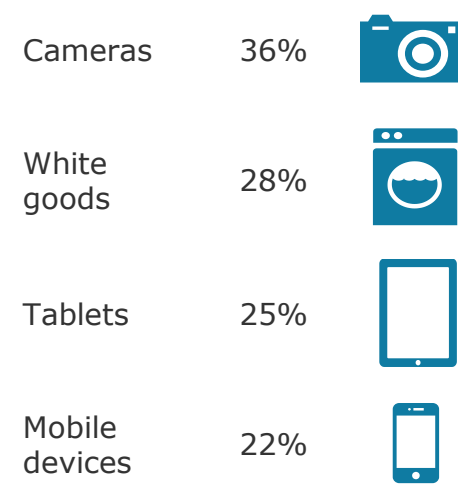
Luxembourg 15% Norway 10%



Technology

Such as mobile devices, TVs, cameras or white goods

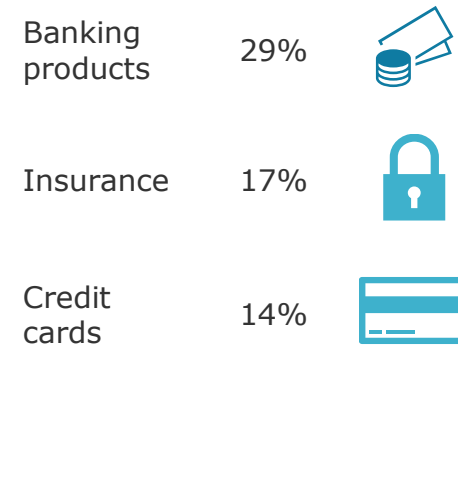
Luxembourg 28% Norway 45%



Financial Service

Such as insurance, mortgages or banking

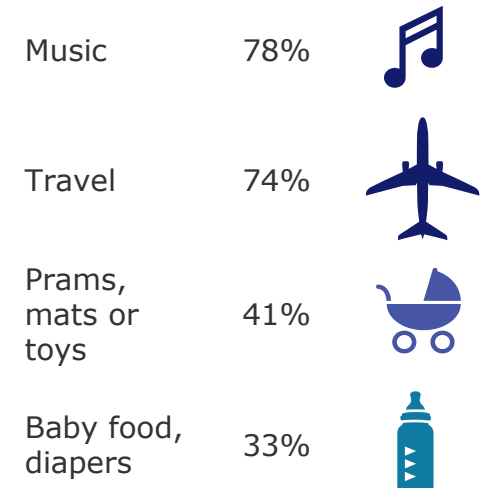
Luxembourg 22% Norway 66%



Other

Such as travel, clothes, music, baby care, automotive

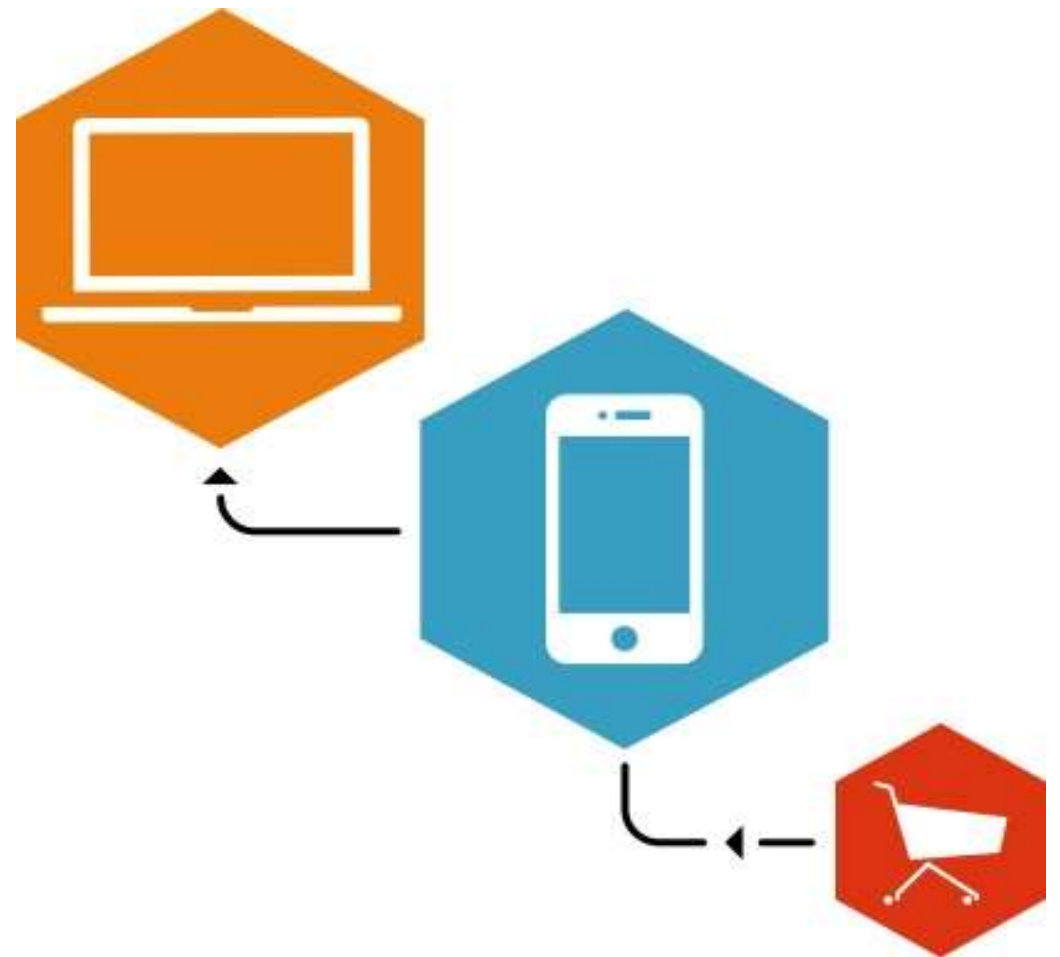
Luxembourg 49% Norway 57%



E3. Purchase made on/offline
Base: Luxembourg (975) | Norway (Lead Market) (978)

7

Questionnaire



Media consumption and device ownership provide behavioural context

1

Media consumption

Frequency of using online and offline media:

- Internet
- TV
- Print newspaper
- Print magazine
- Radio

2

Device ownership

Current and likely future technology ownership:

- Computers, tablets, mobile phones, Internet, smart TVs
- Mobile phone brand/OS
- Tablet brand

Activities and daypart usage provide a 'day in the life' of a digital user

3

Digital activities

Frequency engaging in various online activities:

- Sharing content
- Consuming content
- Social media (incl. networks used)
- Brand interactions

4

Daypart usage

Media and devices used during the day:

- Amount of time per device/medium
- Daypart segment where each device/medium was used
- Activities for medium/daypart combinations
- Weekday/weekend quotas

Product research/purchase and respondent profiling to understand who shops for what, and how

5

Research/purchase (online and offline)

High level category path to purchase:

- Categories purchased
- Online/offline research by category
- Online/offline purchase by category
- Drivers and barriers toward online purchase

6

Respondent profiles

Attitudes and behaviours:

- Attitudes to and usage of the internet
- Entertainment, decision making, media consumption etc
- Attitudes to and usage of social media

Category touchpoints deep dive current shopping behaviour while future behaviour looks at adoption of rising digital trends

7

Category Touch points

Steps used in purchase path for specific categories:

- Information sources
- How sources helped
- When brand decision is made
- Post-purchase behaviour

8

Future behaviour

Awareness, usage and interest in trends such as:

- Quantified self
- Asset light lifestyle
- Wearable tech
- Connected homes and cars

8

Connected Life pricing, Terms and conditions

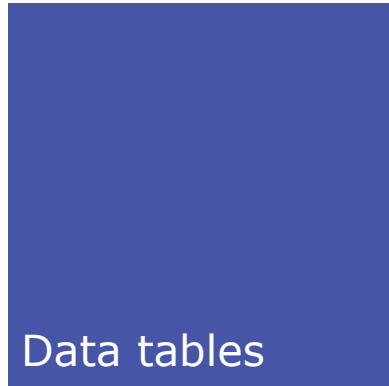


Connected Life 2014 deliverables

Can be provided in a number of formats



Standard reports



Data tables



Customised reports



Workshops



Segments

3 000 € (Excluding VAT)

Package of 4 500 € (Excluding VAT)

Customised reports, workshops and datasets focus on target groups in the following categories

Automotive

Motorcycle
New car
Second hand car

Baby care

Baby care products such as food or diapers
Baby care products such as prams, mats or toys

Financial services

Banking products and Investment
Credit cards
Insurance

Travel

Holiday/travel (e.g., airfares, accommodation)

Other

Clothes & shoes
Movies (DVDs or downloads)
Music (CDs or downloads)

Personal care

Cosmetics / facial care products
Hair care products
Skin care products

Personal hygiene

Personal hygiene products (Deodorant, Female hygiene)
Oral Care e.g. toothpaste, mouthwash

Grocery (food and drink)

Food (other than pet or baby food)
Alcoholic Beverages*
Non Alcoholic Beverages
Confectionery, snacks, treats
Tobacco/ cigarettes*

Grocery (non-food, non-personal)

Cleaning/household products (bleach)
Laundry Detergents (fabric care etc)
Over-the-counter medicines (headache, indigestion, cough medicines)
Pet Food
Prescription medicines/Drugs (prescribed by a medical professional)



Key:



Sub- category

*Included based on local regulations



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- The 'client' loses back data and right to use it if they do not buy current wave.



Appendix



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Sample profile of 'regular internet users', (defined as using at least weekly), covering over 50 markets around the world

Market	Sample	Methodology	Market	Sample	Methodology
Argentina	941	Offline	Malaysia	954	Online
Australia	979	Online	Myanmar*	1008	Offline
Austria	988	Online	Netherlands	988	Online
Belgium	969	Online	New Zealand	988	Online
Brazil	963	Offline	Nigeria	1434	Offline
Canada	971	Online	Norway	978	Online
Chile*	472	Online	Philippines	952	Offline
China	1801	Offline	Poland	979	Online
Colombia	473	Offline	Portugal	495	Offline
Czech Republic	980	Online	Russia	973	Online
Denmark	990	Online	Saudi Arabia	967	Offline
Egypt	932	Offline	Singapore	964	Online
Finland	998	Online	Slovakia	982	Online
France	968	Online	South Africa	974	Offline
Germany	3930	Online	South Korea	1311	Online
Ghana	994	Offline	Spain	1948	Online
Greece	499	Offline	Sweden	2013	Online
Hong Kong	960	Online	Switzerland	981	Online
Hungary	998	Offline	Taiwan	963	Online
India	1658	Offline	Thailand	988	Offline
Indonesia	956	Offline	Turkey	993	Offline
Israel	988	Online	UAE	947	Offline
Italy	990	Online	UK	980	Online
Japan	996	Online	US	1954	Online
Kenya	1142	Offline	Vietnam	980	Offline
Luxembourg*	975	Online			

NB: Global data cited in this report represents 49 markets and excludes Luxembourg, Chile, and Myanmar

*Fieldwork period: August - September 2014



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Methodology and coverage

Market	Methodology	Coverage	Market	Methodology	Coverage
Argentina	CLT Web	Urban only	Mexico	CLT Web	Central, West, North, South, Southwest – Urban only
Australia	Online	National	Myanmar	Offline	Urban only*
Austria	Online	National	Netherlands	Online	National
Belgium	Online	National	New Zealand	Online	National
Brazil	CLT Web	Urban only	Nigeria	Door to Door CAPI	Urban only
Canada	Online	National	Norway	Online	National
China	CLT CAPI	Urban only, Tier 1-3	Philippines	Door to Door CAPI	Urban only
Colombia	CLT Web	Urban only	Poland	Online	National
Czech Republic	Online	National	Portugal	Door to Door CAPI	National
Denmark	Online	National	Russia	Online	National
Egypt	Door to Door CAPI	Major cities	Saudi Arabia	F2F CAPI	Major cities
Finland	Online	National	Singapore	Online	National
France	Online	National	Slovakia	Online	National
Germany	Online	National	South Africa	Door to Door CAPI	Major cities
Ghana	Door to Door CAPI	Major cities	South Korea	Online	National
Greece	Door to Door CAPI	Urban only	Spain	Online	National
Hong Kong	Online	National	Sweden	Online	National
Hungary	F2F CAPI	National	Switzerland	Online	National
India	Door to Door CAPI	Major cities - Tier I and II	Taiwan	Online	National
Indonesia	Door to Door CAPI	Major cities	Thailand	Door to Door CAPI	Urban only
Israel	Online	National	Turkey	Door to Door CAPI	Major cities
Italy	Online	National	UAE	F2F CAPI	Major cities
Japan	Online	National	UK	Online	National
Kenya	Door to Door CAPI	National excl. North Eastern Province	US	Online	National
Luxembourg	Online	National	Vietnam	F2F CAPI	Major cities
Malaysia	Online	National			

*Sample coverage for Myanmar subject to change



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Sample, Quotas and Weighting

Sample Profile

The sample definition is as follows:

- Regular Internet users aged 16-65 years old. A “regular Internet user” is someone who accesses the Internet at least once a week, on any device

Quotas

To ensure we best represent the regular Internet population, we have used quotas based on the Global Google-TNS Enumeration study*, or better local sources were available. Quotas were applied to:

- Age
- Gender
- Education
- Region
- Weekday / weekend (to gain an accurate understanding of activities)
- Local market specific quotas (such as race, income etc.)

Weighting

Local weights are applied to the same factors that were deemed important enough to quota on. Where this approach was too strict and led to poor weighting efficiencies, weighting was relaxed on those factors with minimal impact (e.g. age or region bands widened) in order to provide an efficiency score above 50%.

Global weights are based on the respective proportion of the global Internet population each market accounts for and are applied when calculating scores combining more than one market

*Random sampling was used in markets where no sampling frame was available (Ghana, Nigeria, Kenya and South Africa)



Regional classification is defined as the below

North America

Canada
USA

Latin America

Argentina
Brazil
Colombia
Mexico
Chile

Middle East and Africa

Egypt
Ghana
Israel
Kenya
Nigeria
Saudi Arabia
South Africa
UAE

Asia-Pacific

Australia
China
Hong Kong
India
Indonesia
Japan
Malaysia
Myanmar
New Zealand
Philippines
Singapore
South Korea
Taiwan
Thailand
Vietnam

Northern Europe

Denmark
Finland
Norway
Sweden

Southern Europe

France
Greece
Italy
Portugal
Spain
Turkey

Western Europe

Austria
Belgium
Germany
Luxembourg
Netherlands
Switzerland
UK

Eastern Europe

Czech Republic
Hungary
Poland
Russia
Slovakia

N.B. Chile is not included in Global or Regional scores due to the time of fieldwork