

Behavior change in times of instability

26 April 2022



#BehaviorChange – sources used



BEHAVIOR CHANGE IN TIMES OF INSTABILITY

Shopper view



Consumer Panel + Why2Buy

- Registered purchases
- Motivations and lifestyle needs
- 14 countries, 174 million households

AT, BE, CZ, DE, DK, HR, HU, IT, NL, PL, RS, RU, SE, SK

Behavior Change survey

- March/April
- 15 countries, 7,855 main shoppers

AT, BE, BG, CZ, DE, DK, HR, HU, IT, NL, PL, RS, RO, SE, SK

Business view



Behavior Change survey

- March/April
- 260 manufacturers & retailers

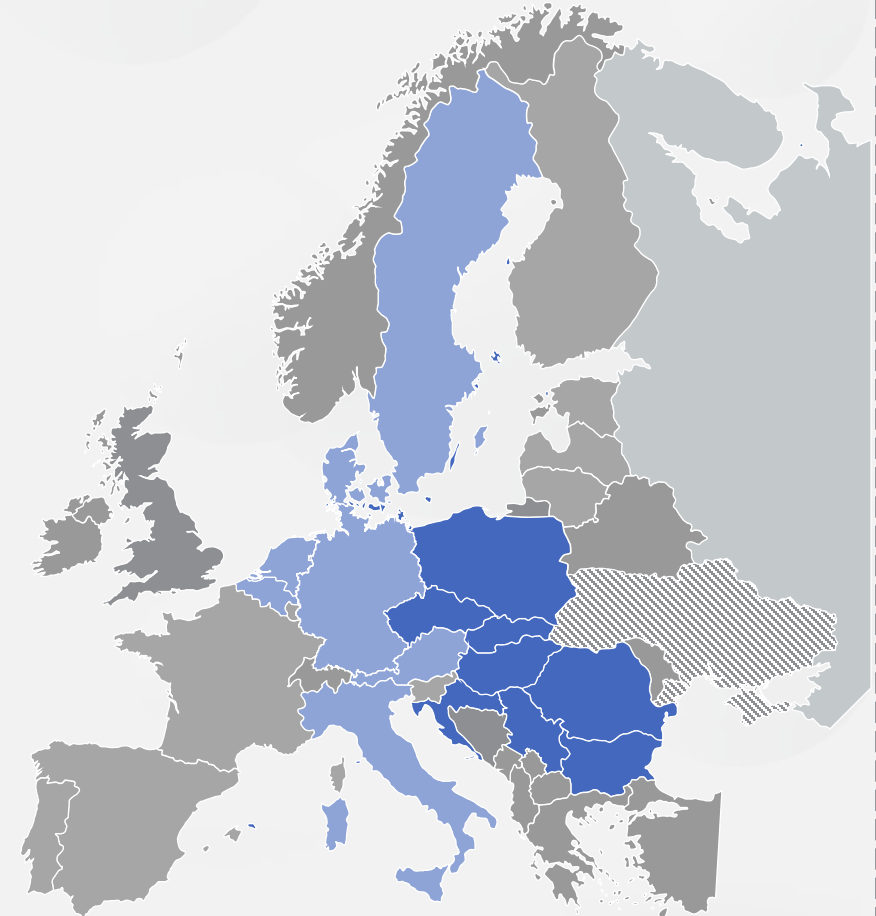
AT, BE, BG, CZ, DE, DK, HR, IT, NL, PL, RS, RO, SE, SK

WSE

Austria
Belgium
Denmark
Germany
Italy
Netherlands
Sweden

CEE

Bulgaria
Croatia
Czech Republic
Hungary
Poland
Romania
Serbia
Slovakia



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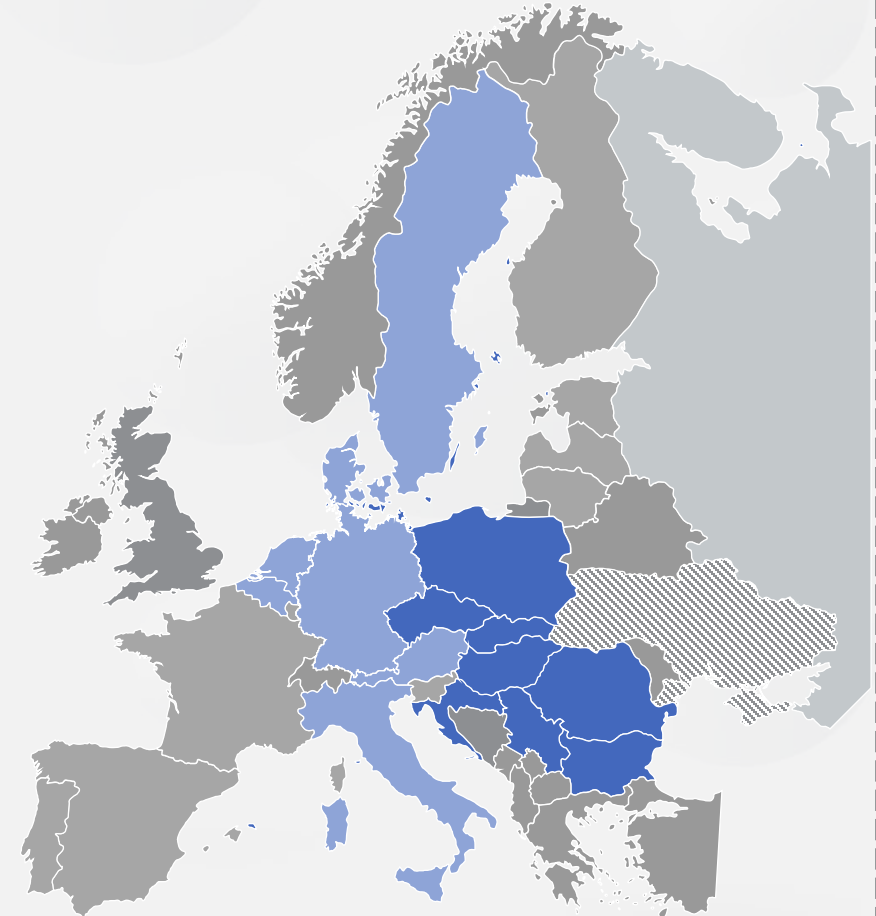
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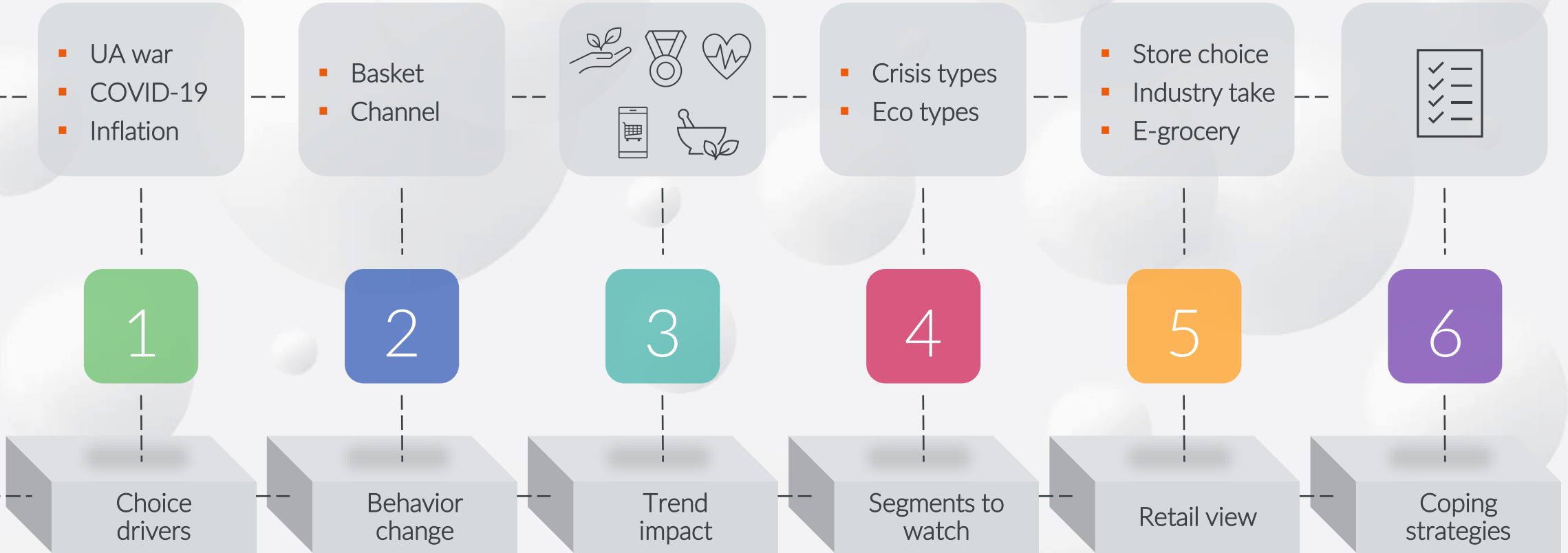
CEE

Bulgaria
Croatia
Czech Republic
Hungary
Poland
Romania
Serbia
Slovakia



Agenda

BEHAVIOR CHANGE IN TIMES OF INSTABILITY



1. CHOICE DRIVERS

- UA war
- COVID-19
- Inflation

1

Choice drivers

- Basket
- Channel

2

Behavior change



3

Trend impact

- Crisis types
- Eco types

4

Segments to watch

- Store choice
- Industry take
- E-grocery

5

Retail view

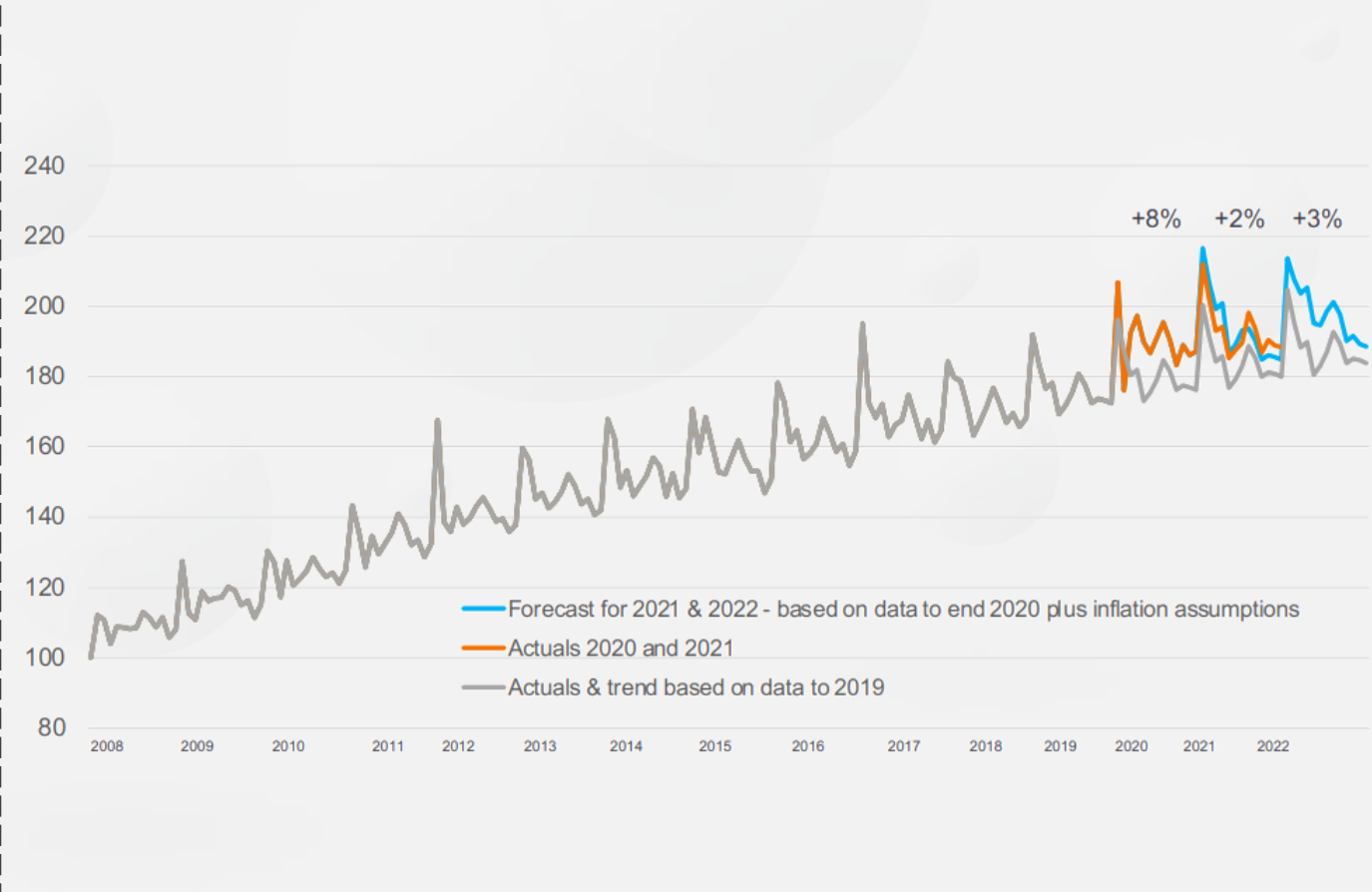


6

Coping strategies

FMCG value in 2022 will be at least 13% higher than 2019

Global FMCG value index monthly trends and forecast




- FMCG value will end up +13% above 2019 levels
- Forecast adjusted from flat to +3% due to inflationary pressure
- Other factors of influence:
 - Work from home: 24% will work from home at least 1 day per week
 - In home / Out-of-Home ratio
 - Down / uptrading


Source: Europanel FMCG Barometer - France, Germany, Italy, NL, Spain, UK, Poland, Russia, USA (IRI), Brazil, Mexico, China, India, Japan (Intage); GfK, Behavior Change survey EU-15

Raw material costs and supply chain disruptions drive up costs


Prices/growth rates April 2022 vs April 2021



Crude Oil
+65%



Lithium
+452%



Gas
+151%



Shipping costs
+218%

Wheat
+66%

Oat
+109%

Palm Oil
+57%

Canola
+43%

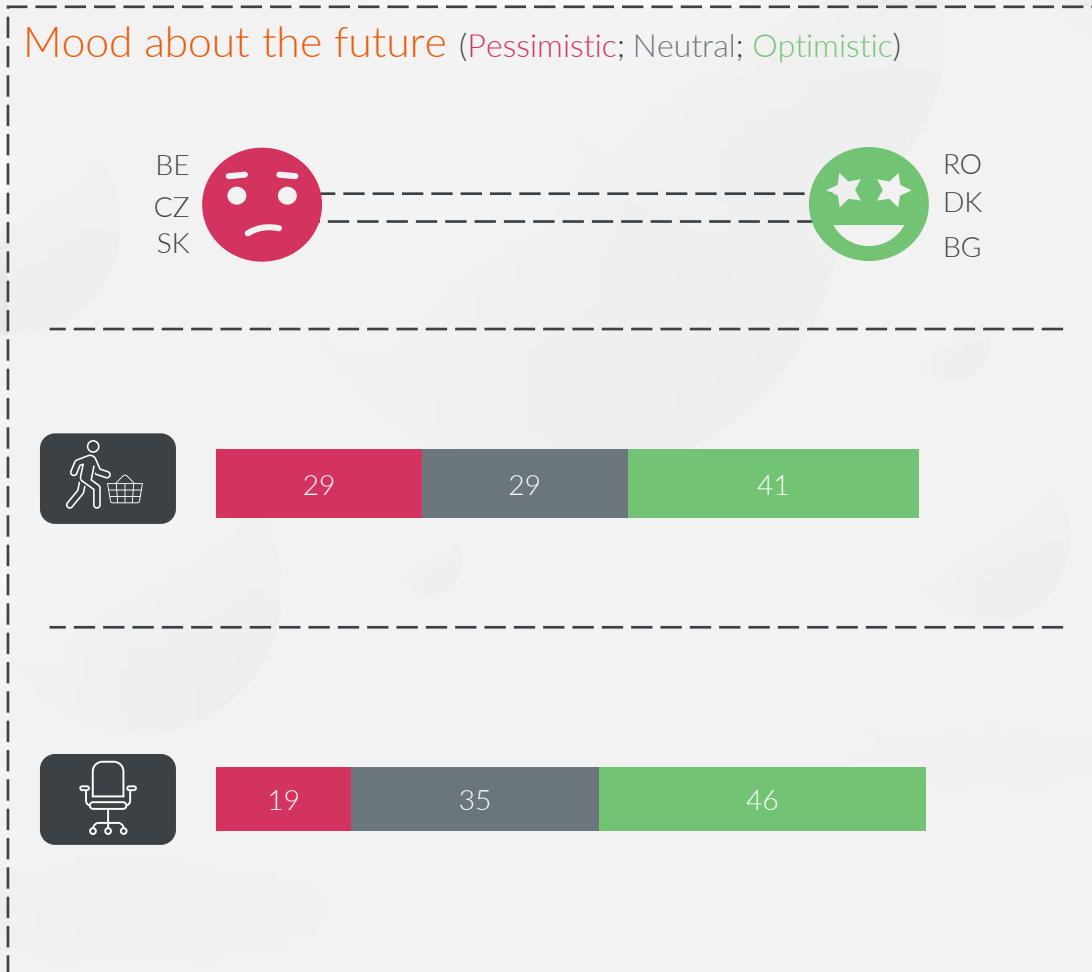
Source: <https://tradingeconomics.com/commodities> | Shipping costs: <https://fbx.freightos.com>, <https://www.freightos.com/freight-resources/coronavirus-updates/>

General future outlook still optimistic

Amidst intense worries about the Ukraine war



1. CHOICE DRIVERS



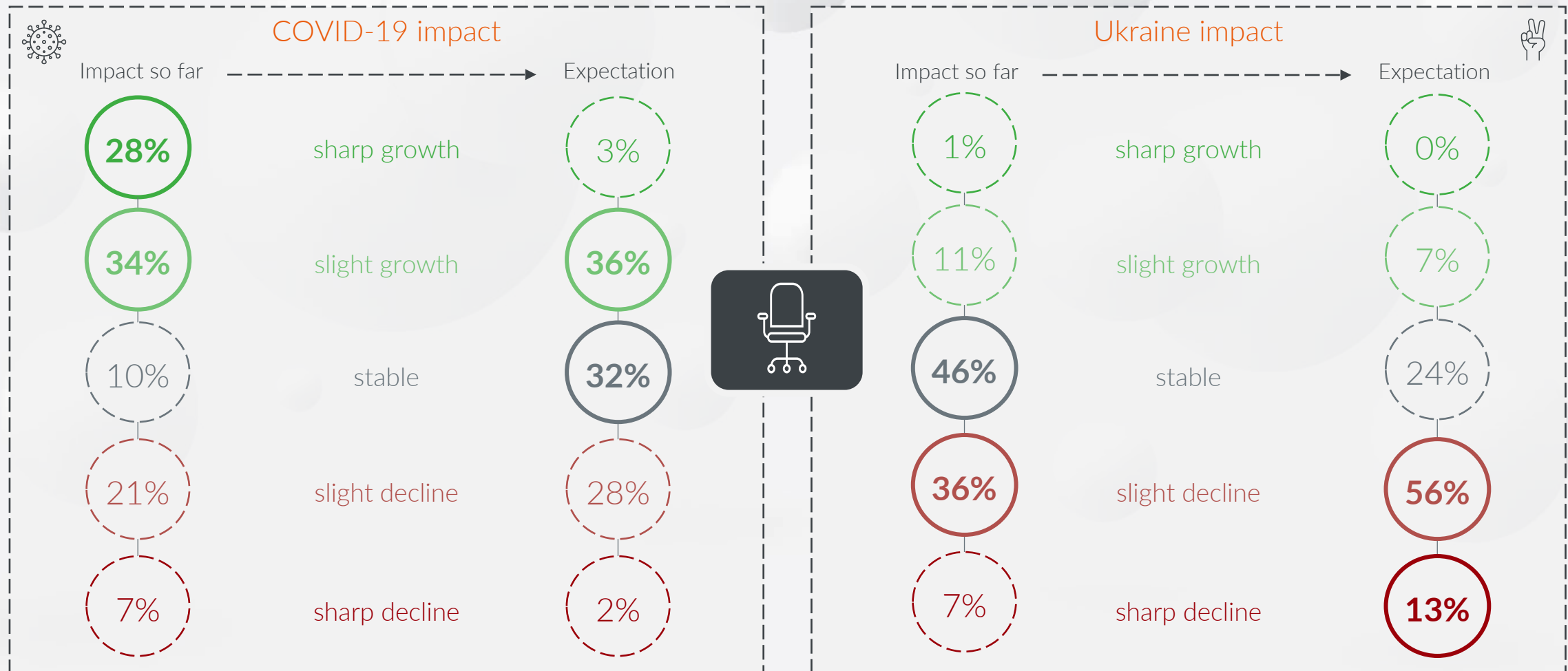
Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; Behavior Change Business survey, n=260

Business expectations



After COVID-led growth, downturn due to Ukraine war

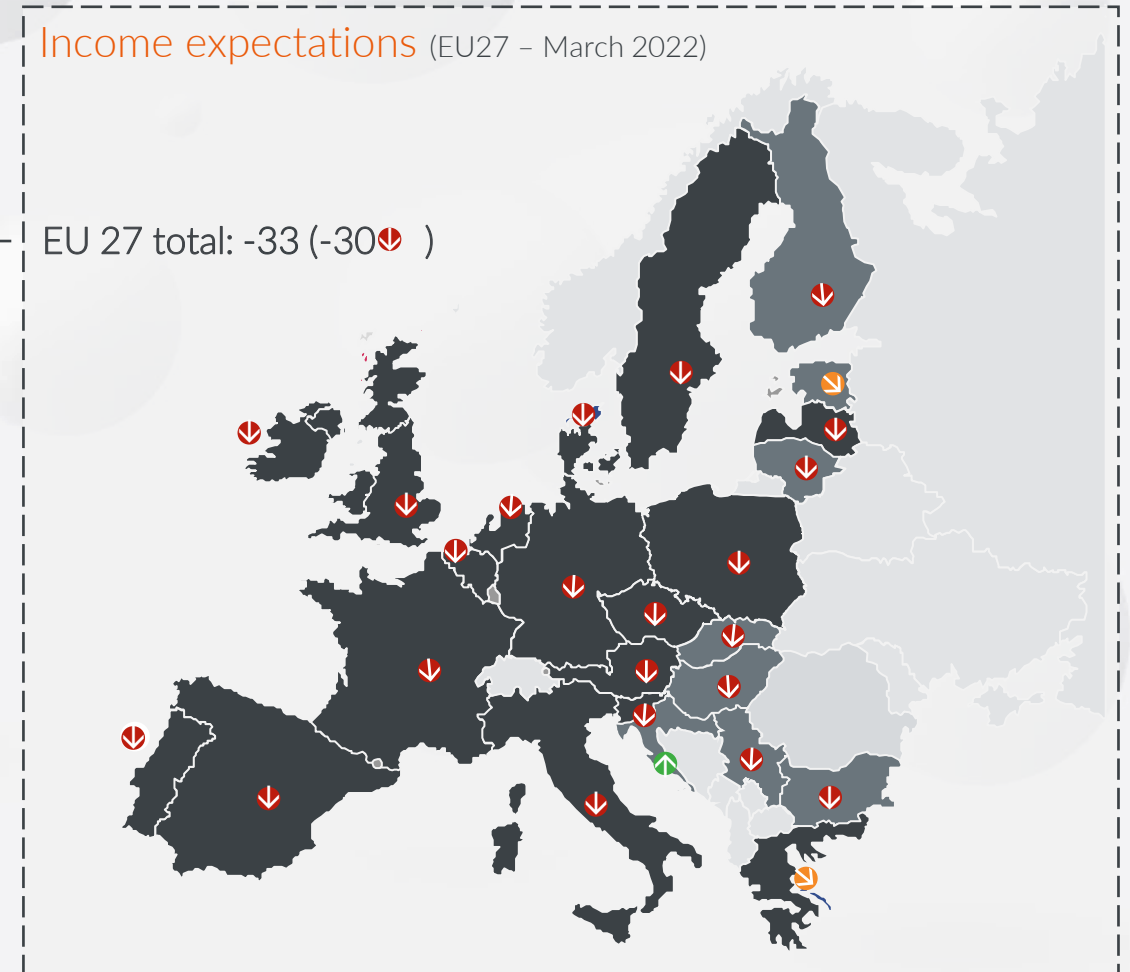
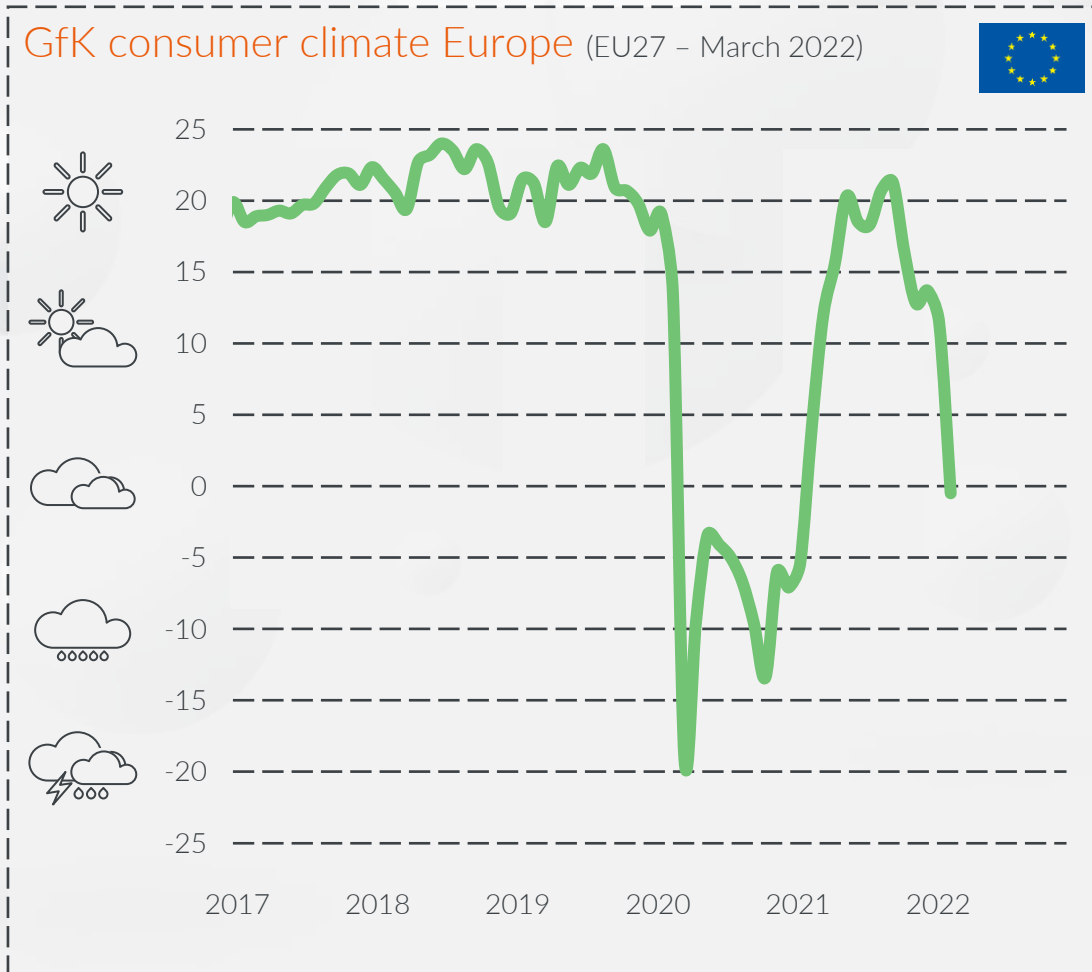
1. CHOICE DRIVERS



Source: GfK, Behavior Change Business survey, n=260

Consumer climate is plunging

1. CHOICE DRIVERS

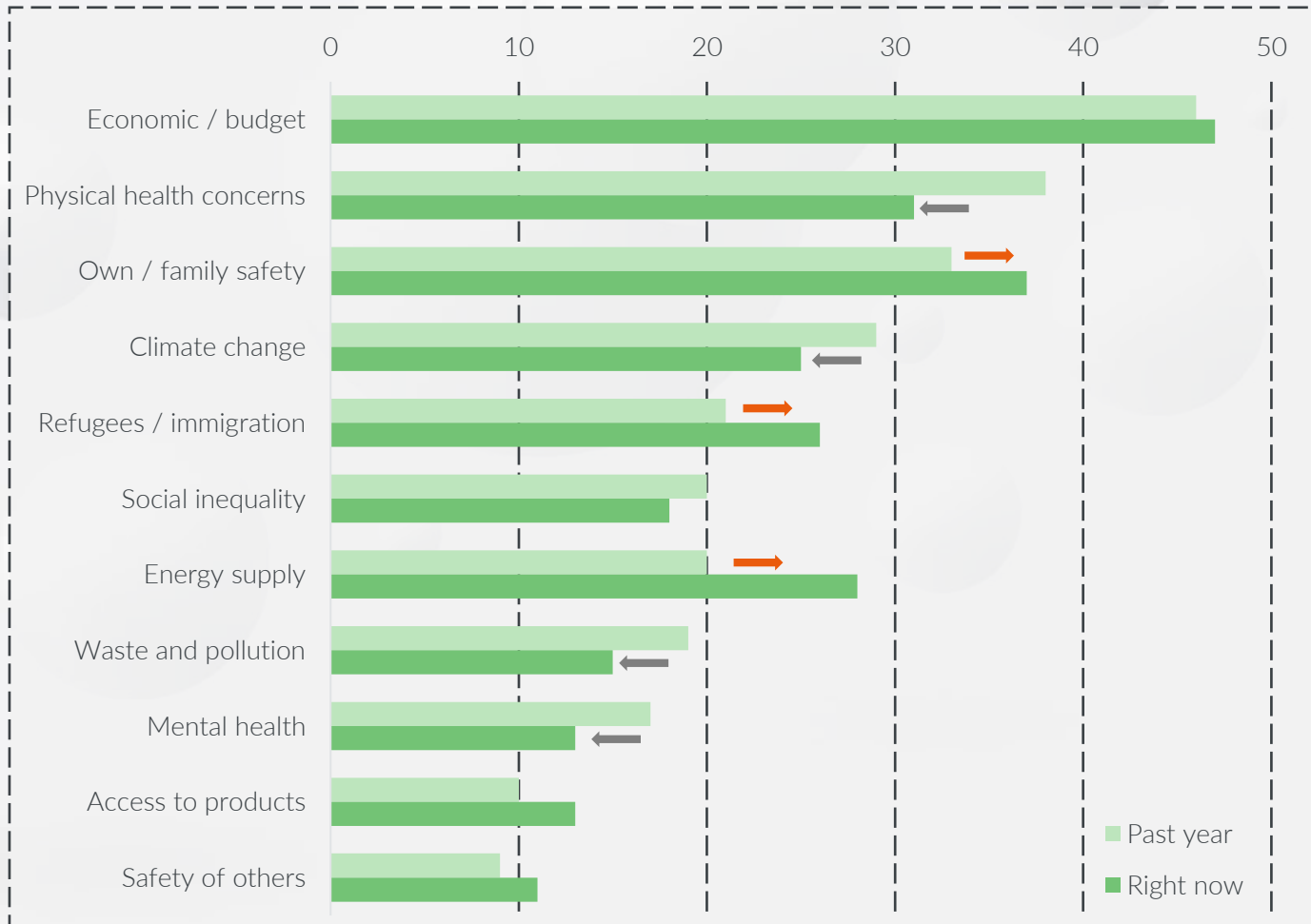


Source: GfK, survey on behalf of EU-Commission | March 2022 | values rounded

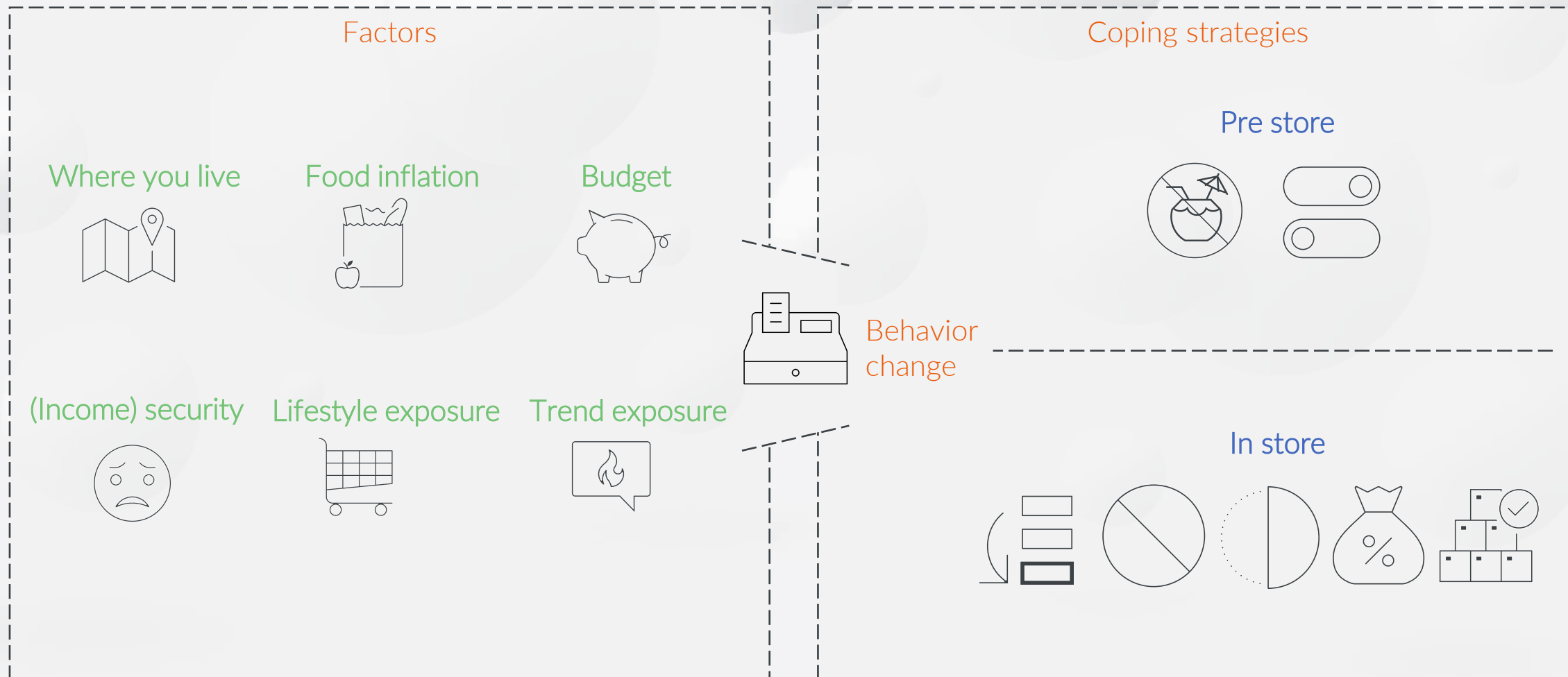
Major concerns are shifting

Budget, safety and energy vs health and sustainability

1. CHOICE DRIVERS



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022



Where you live



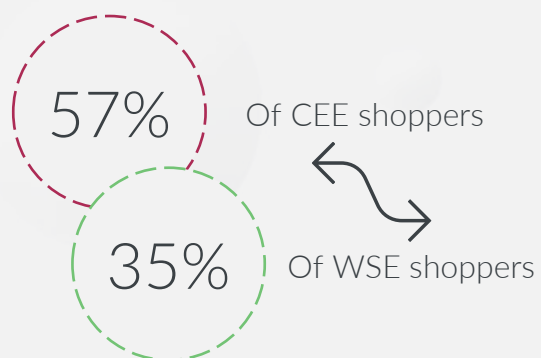
 **7.4%** inflation

Euro-area average inflation in March

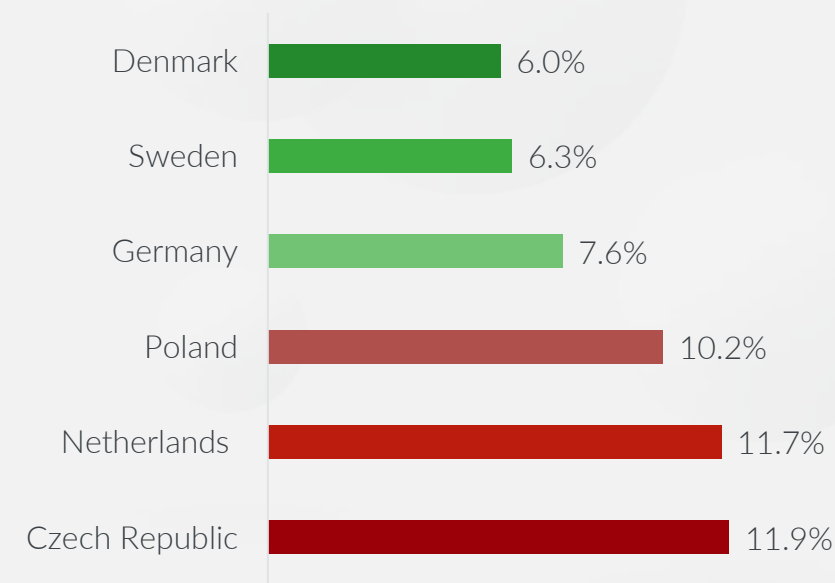
Exposure levels vary due to socioeconomic differences

'Budget' among top concerns:

'Will control household spend more':

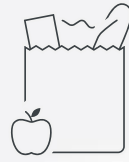


Inflation by country | March 2022



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; https://www.ecb.europa.eu/stats/macroeconomic_and_sectoral/hicp/html/index.en.html

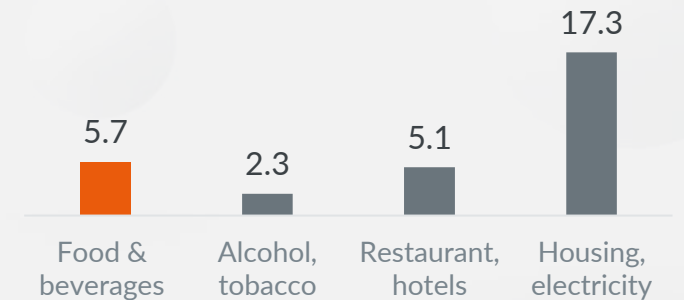
Food inflation



EU food price inflation | March 2022



- Food inflation has been higher before
- However, in 2008 total inflation was much lower
- Consumers wallets will be squeezed in other areas
- Though savings rates are much higher
- Some governments are reducing VAT on staple foods for affordability



https://www.ecb.europa.eu/stats/macroeconomic_and_sectoral/hicp/html/index.en.html

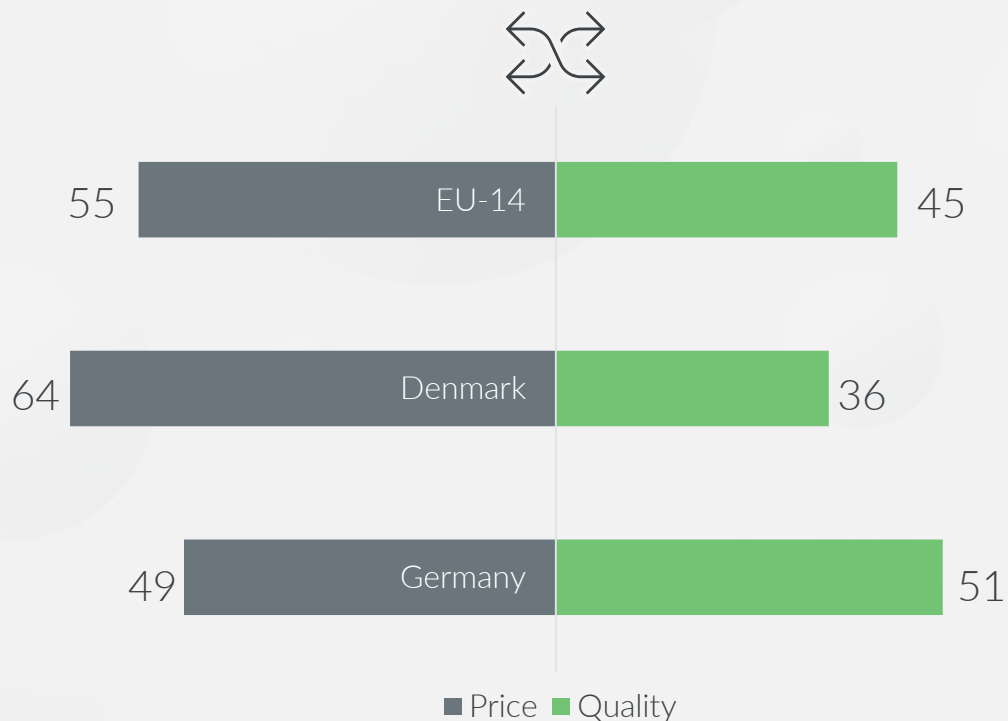
Where you live



1. CHOICE DRIVERS

Price vs quality orientation

Slightly more price-oriented shoppers



Buying behavior effects | drinks

Price oriented shopper pay ~10% less

EU-14, average price paid (€/L)



-8%
▲DE, NL



-9%
▲SK



-11%
▲AT

DE, private label share, soft drinks

12%
Quality shopper

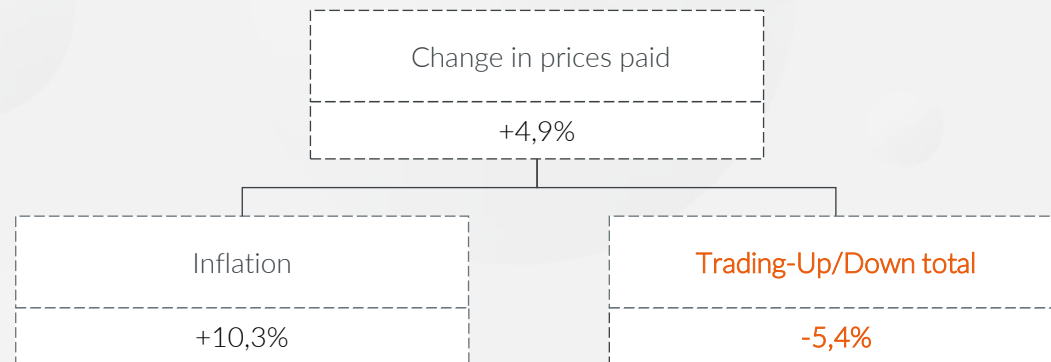
20%
Price shopper

Source: GfK ConsumerPanel, Harmonized Statements, EU-14 MAT '21

Where you live

DENMARK | FMCG total (Jan-Feb 2022 vs Jan-Feb 2021)

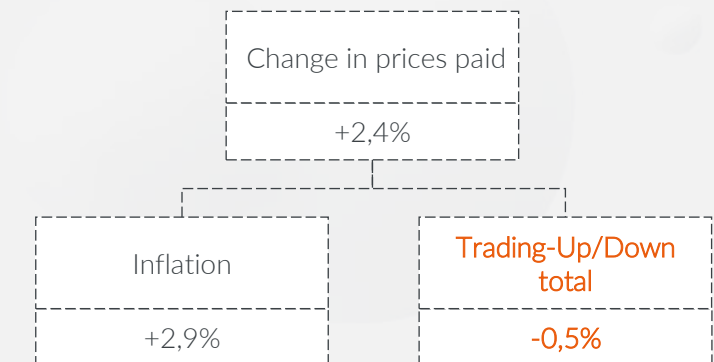
GfK inflation tracker



The change in prices in a category is the result of changes in the assortment purchased by buyers. This may be due to:

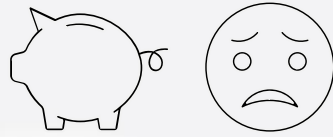
- a) changes of purchased products within the existing, fixed assortment (change in demand, buyers' preferences)
- b) introduction of new products (novelty).

GERMANY | FMCG total (Feb 2022 vs Jan 2022)





February kickstarts downtrading in both price and quality-oriented countries. In Germany, though it usually is a month with uptrading.

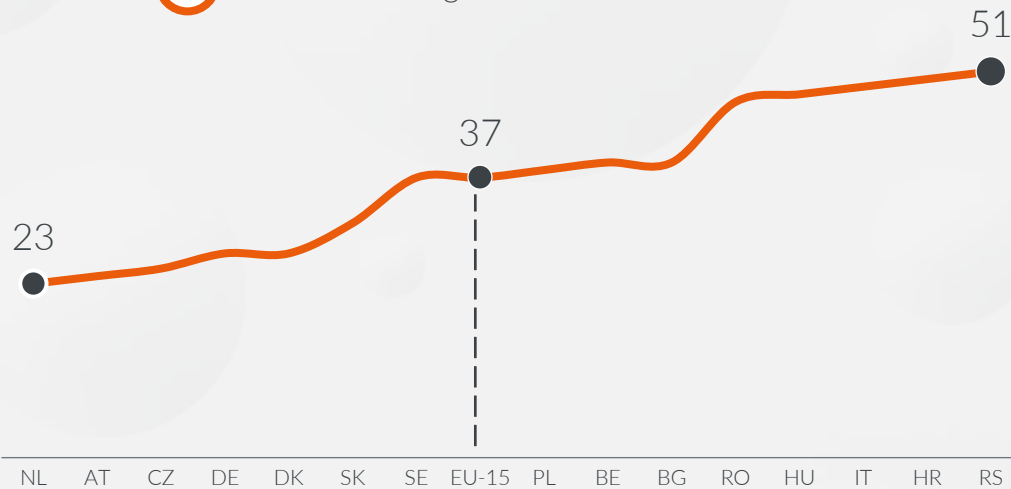
Budget Security



1. CHOICE DRIVERS

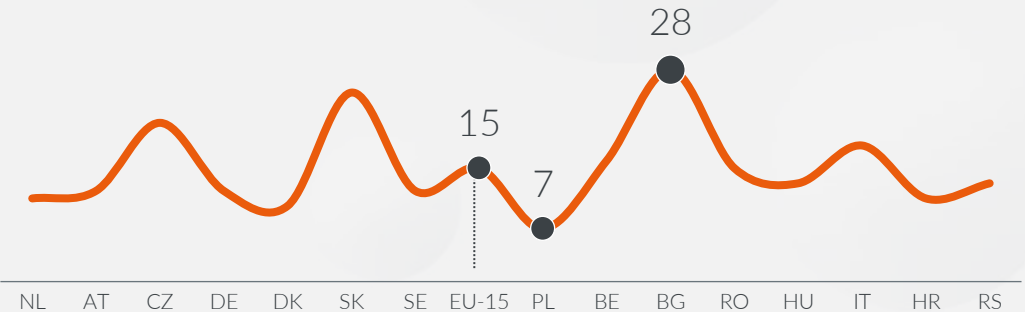
% struggling

-  I'm just making ends meet
-  It is not enough front and back



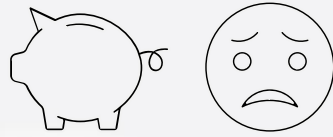
1 in 3 Europeans are struggling financially

% employment at risk



15% is currently worried their job is at risk

Budget Security



1. CHOICE DRIVERS



Concerned
43%

CEE
48%

WSE
37%

Struggling financially
Slight worry about job or not working



Affected
18%

CEE
19%

WSE
17%

Highly afraid of losing job or currently unemployed



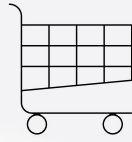
Resistant
39%

CEE
33%

WSE
46%

Financially comfortable
Not, only slightly worried about job or not working

Lifestyle exposure



The resistant spend on average **+7%** more on FMCG than the affected. This gap is most pronounced in the Netherlands (+24%) and Austria (+19%).



Coffee | Austria

86% of the resistant buy coffee
70% of the affected buy coffee



Value share in the category:
The affected at index 82 (below fair share)

Fabric conditioner | Netherlands

38% of the resistant buy fabric conditioner
45% of the affected buy fabric conditioner

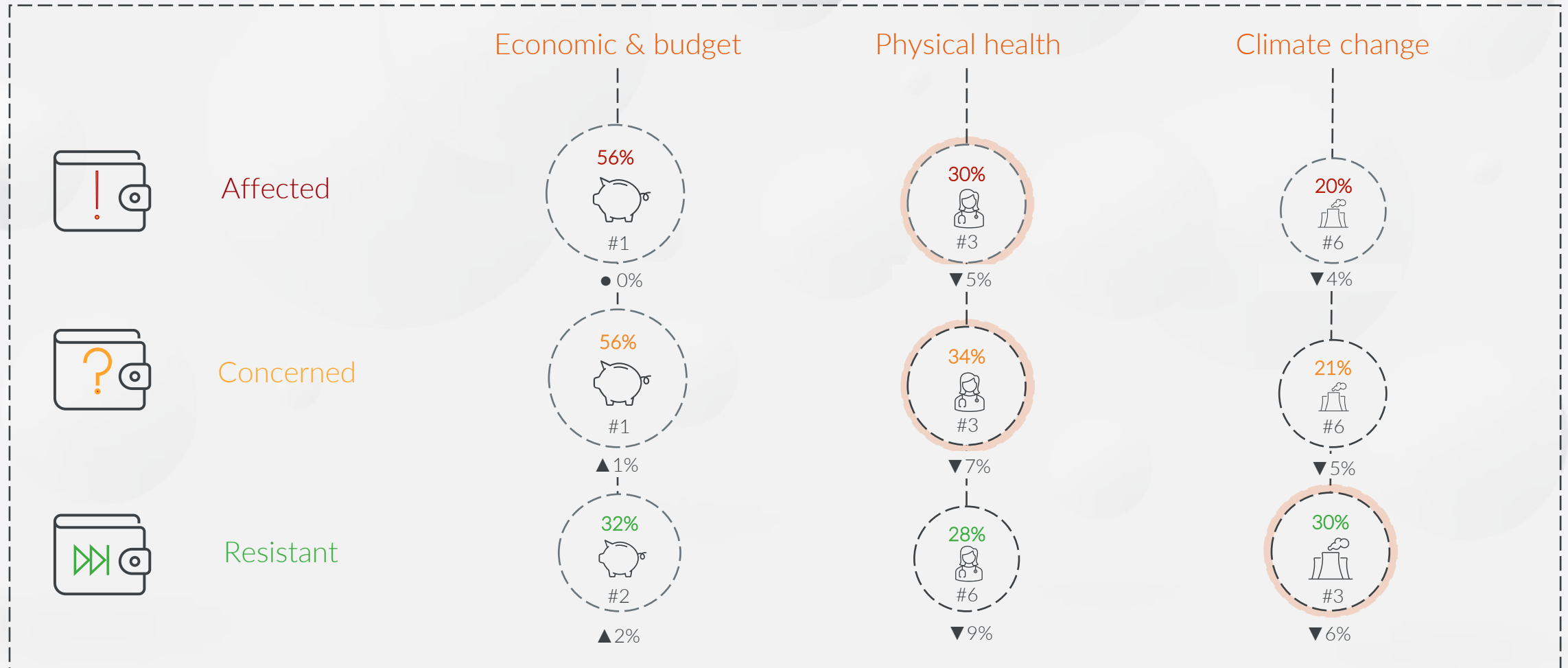


Value share in the category:
The affected at index 138 (above fair share)

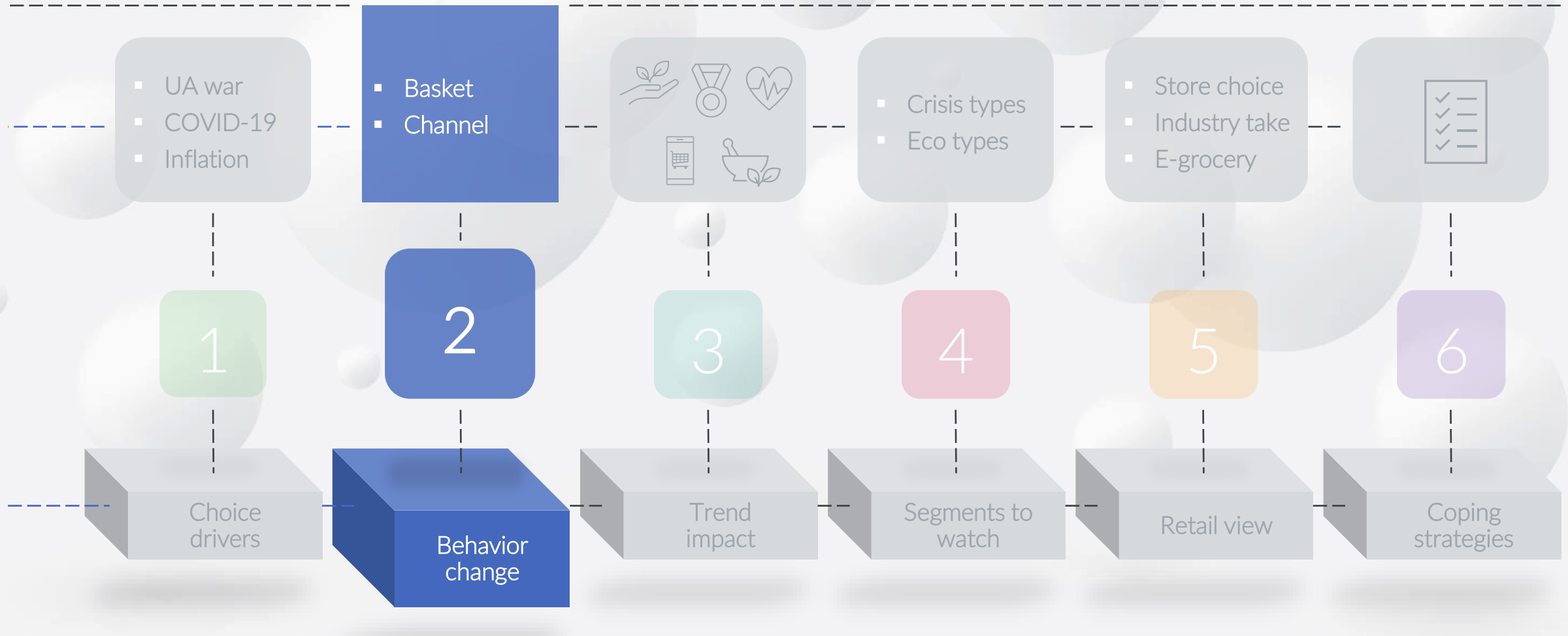
Trend exposure

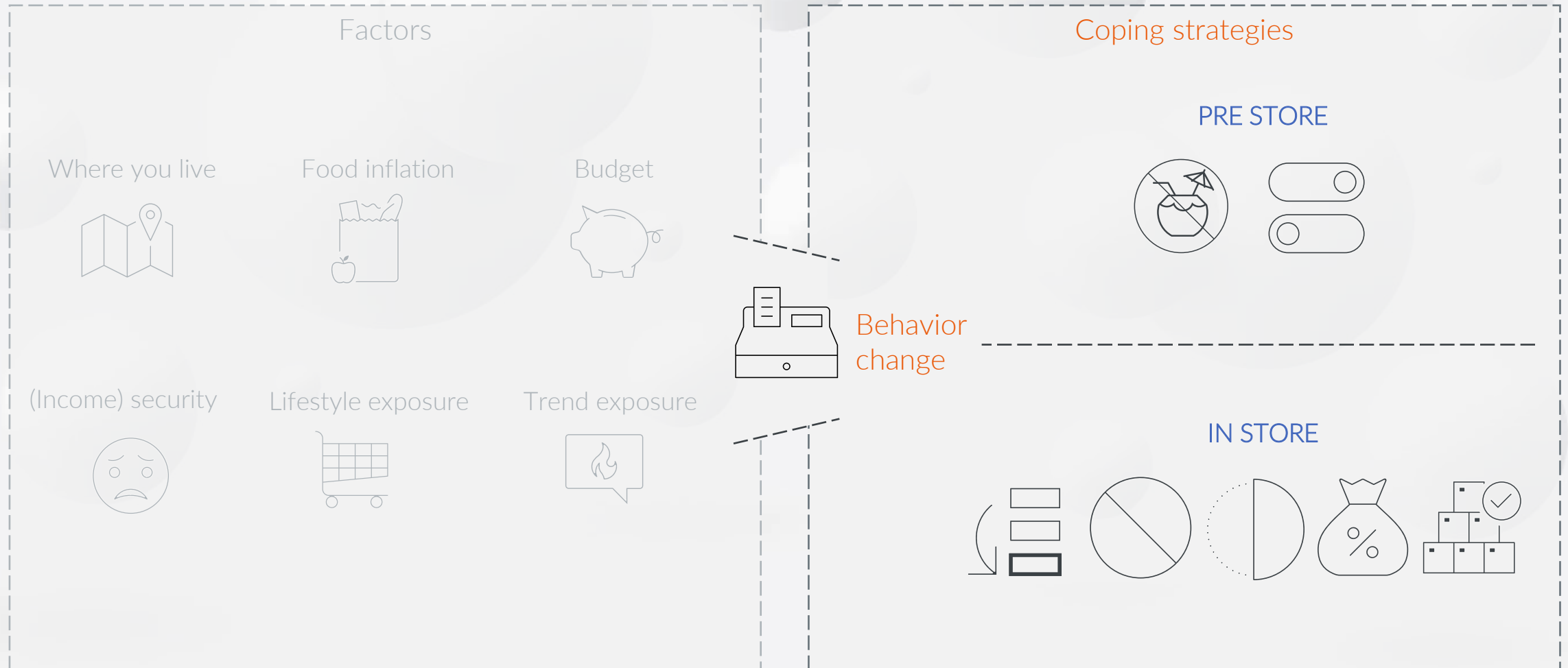
Climate change, not health, a top 3 concern for the resistant

1. CHOICE DRIVERS

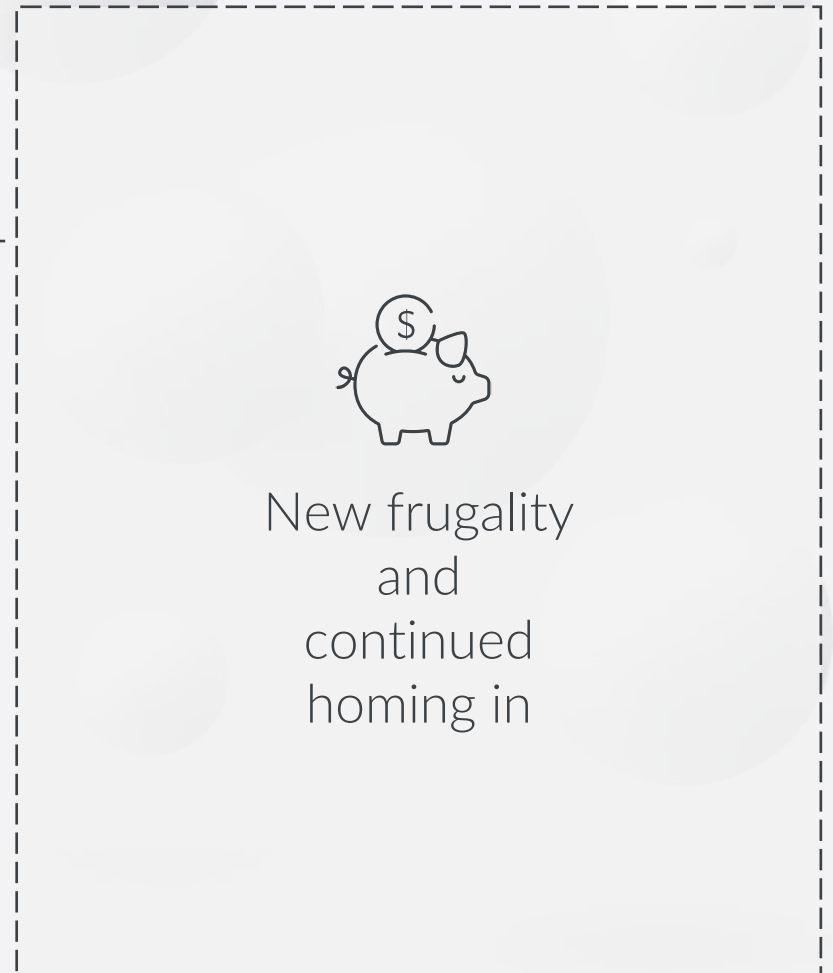
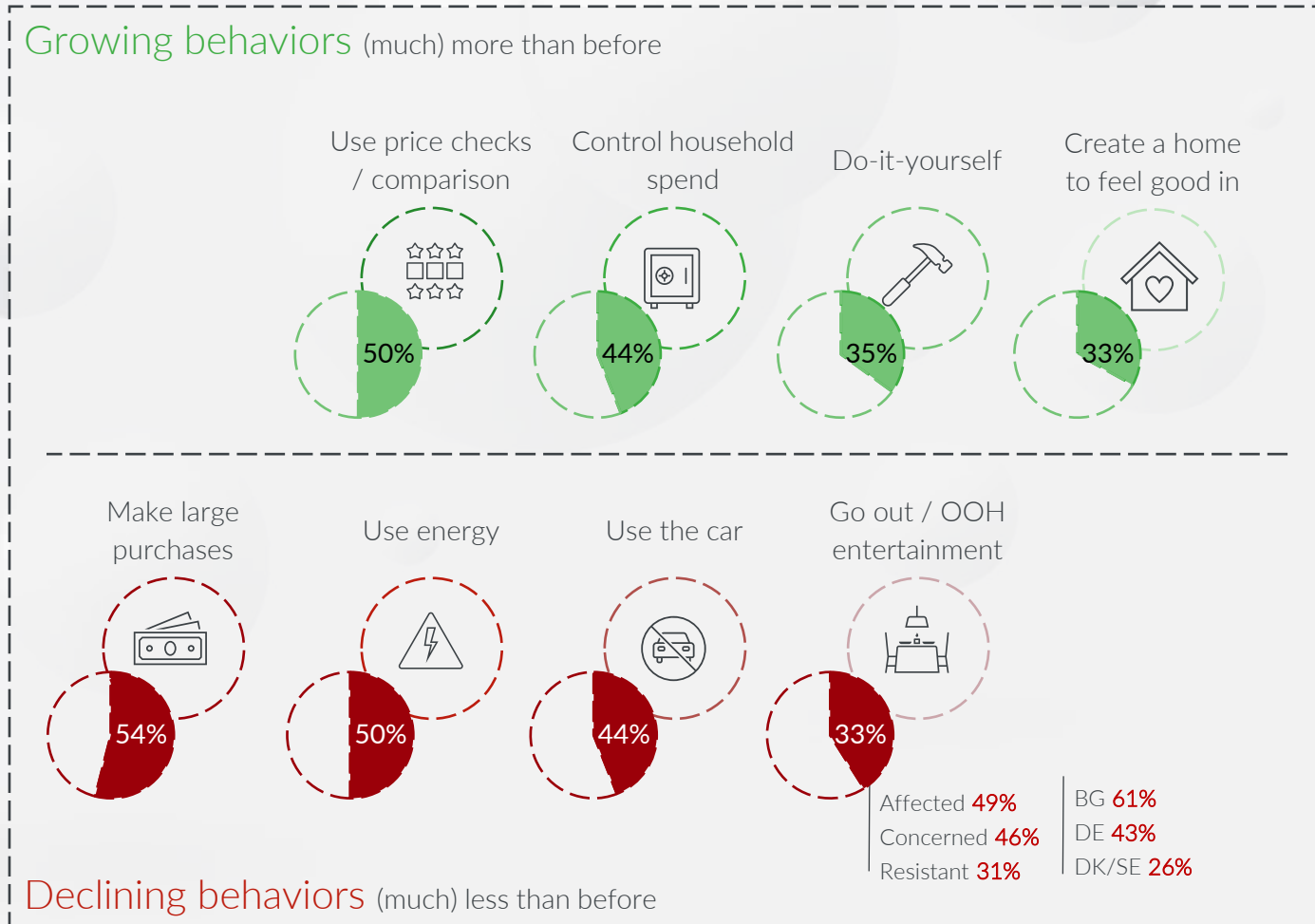


Source: GfK, GfK, Behavior Change survey EU-15 n=7,855 April 2022





Changing consumer behaviors



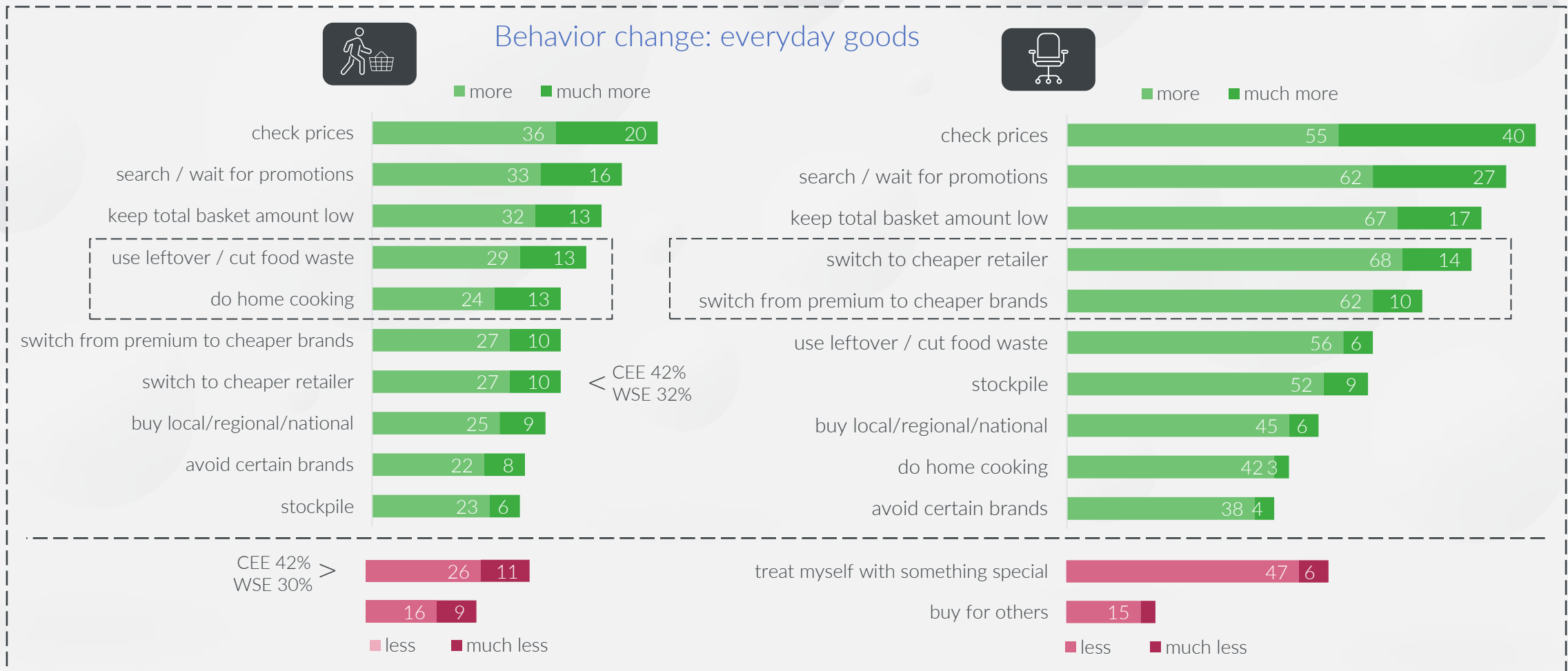
Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022

Conscious purchasing and food prep

Switching retailers less prominent among shoppers



2. BEHAVIOR CHANGE



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; Behavior Change Business survey, n=260 April 2022

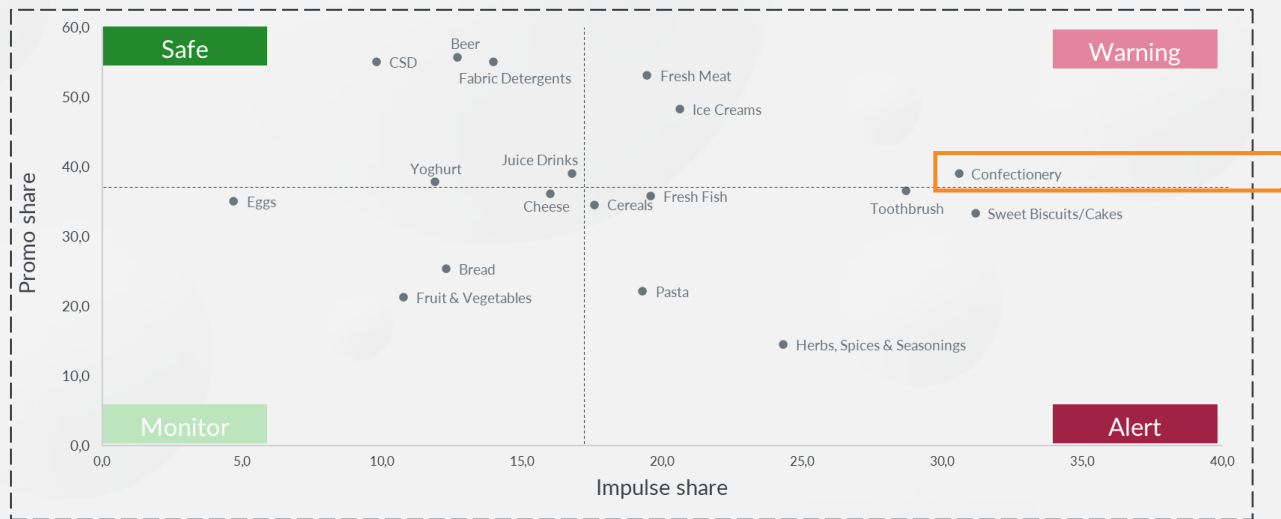
High impulse, low promotion at risk



Premiumization driven by the resistant

2. BEHAVIOR CHANGE.

DENMARK | impulse x promotion matrix



DENMARK | Chocolate

The resistant usually buy more premium assortment in regular supermarkets

Price gap (€/KG) SPM -> HD

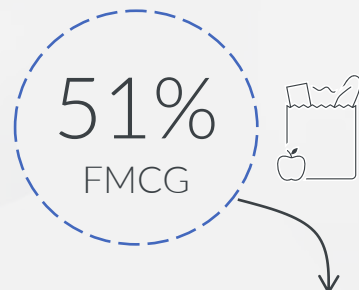
- Affected: €2,08
- Concerned: €2,20
- Resistant: €3,46

Coping strategies affect indulgence categories

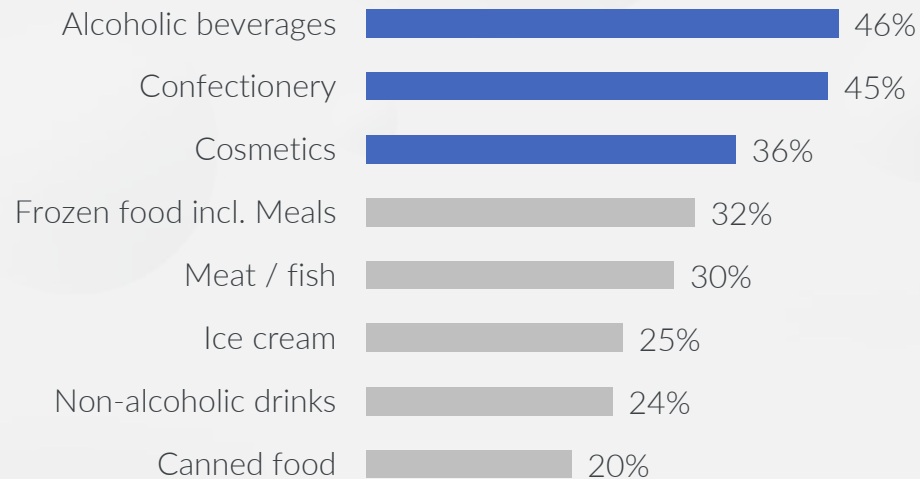


Behavior change & top categories

In which category will you adjust your purchases?



“Yes, I am **currently worried** that prices will rise, and I think this **will affect** my shopping behavior”



Relatively important

CEE
(Alcoholic) beverages
Cosmetics
Indulgence
Canned & frozen

WSE
Fresh foods
Staple foods
Toiletries

Affected
Fresh foods
Staple foods
(Non alcoholic) drinks
Home care

Concerned
Alcoholic beverages
Indulgence
Meat
Cosmetics

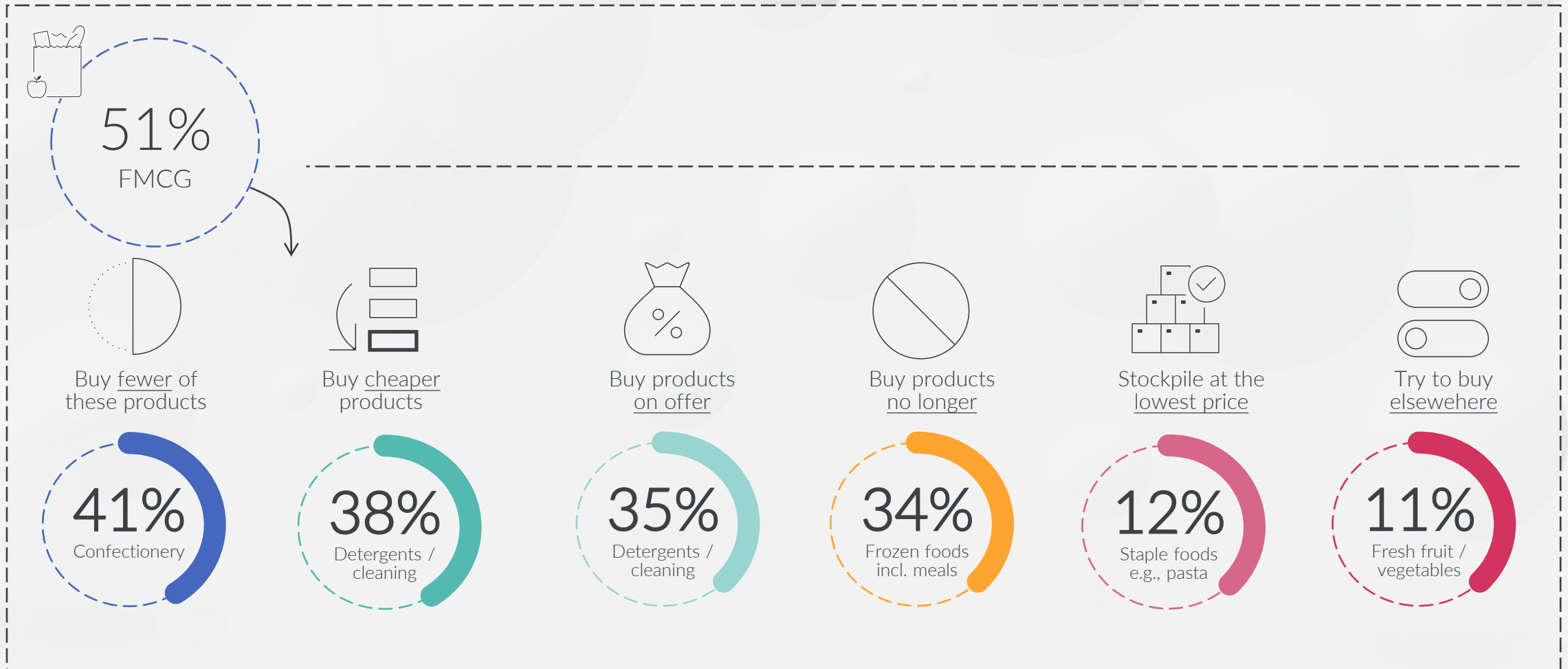
Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022

Coping strategies differ per category

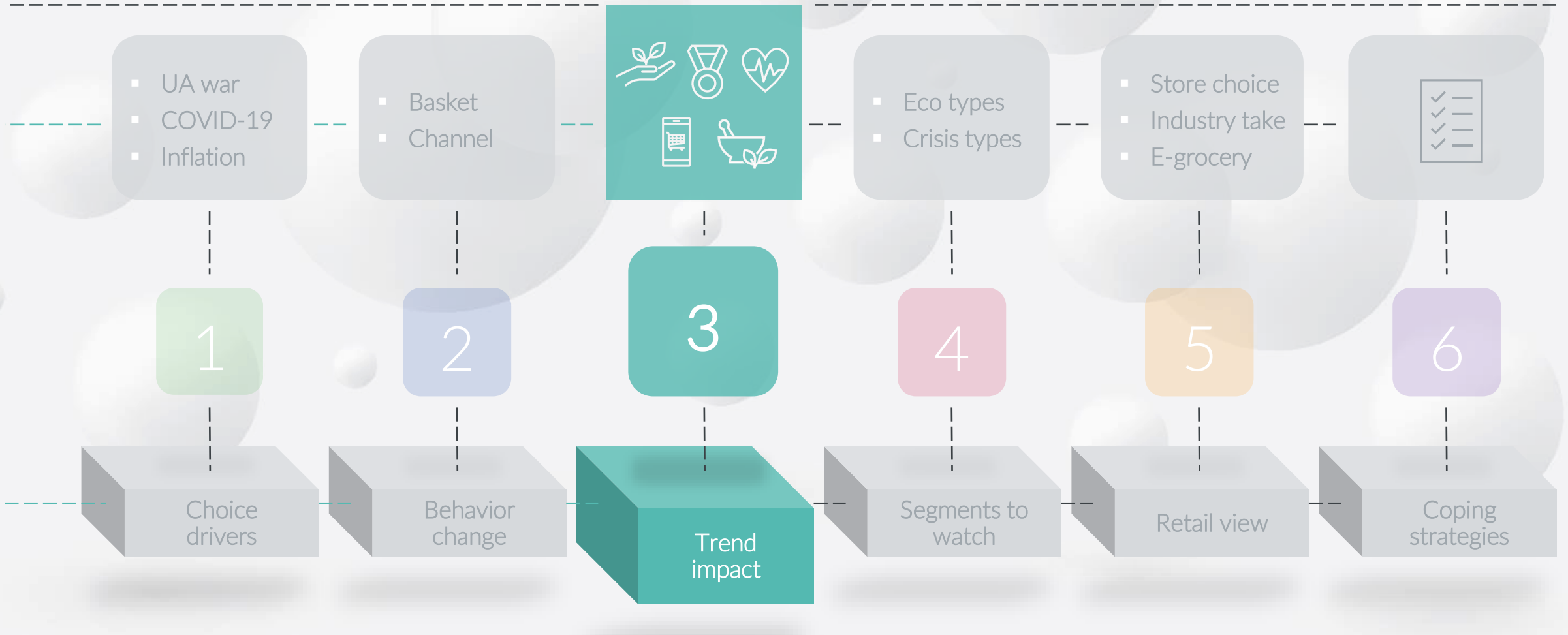
Buying less is most prominent in confectionery



2. BEHAVIOR CHANGE



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022

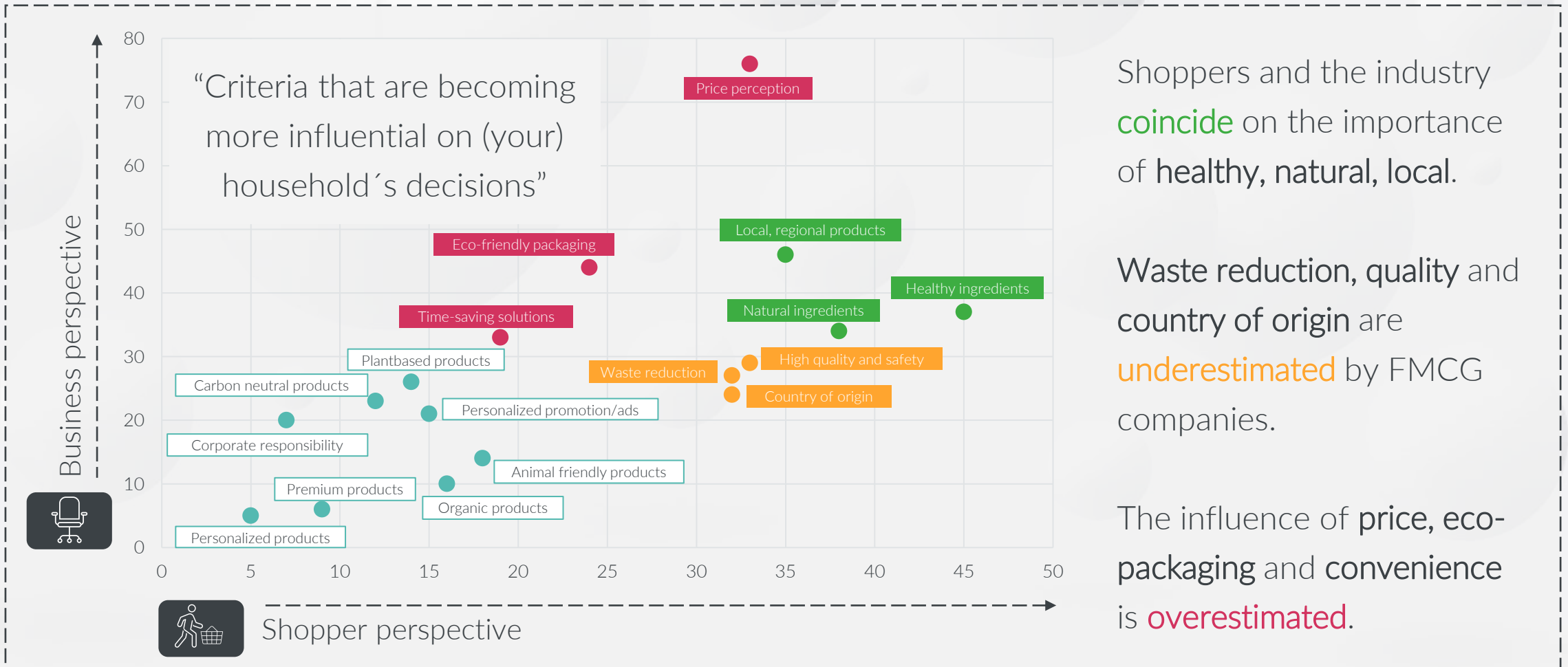


Health, price and proximity

Increasing choice drivers



3. TREND IMPACT



Shoppers and the industry **coincide** on the importance of healthy, natural, local.

Waste reduction, quality and country of origin are **underestimated** by FMCG companies.

The influence of price, eco-packaging and convenience is **overestimated**.

Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022. “Pick max. 5”

Price overrules other trends

Business lagging on dynamic / personalized pricing



Price not most often mentioned by shoppers, but when mentioned, it's the most influential trend. Also among crisis resistant buyers.

Business positioning

"We're on top of it":

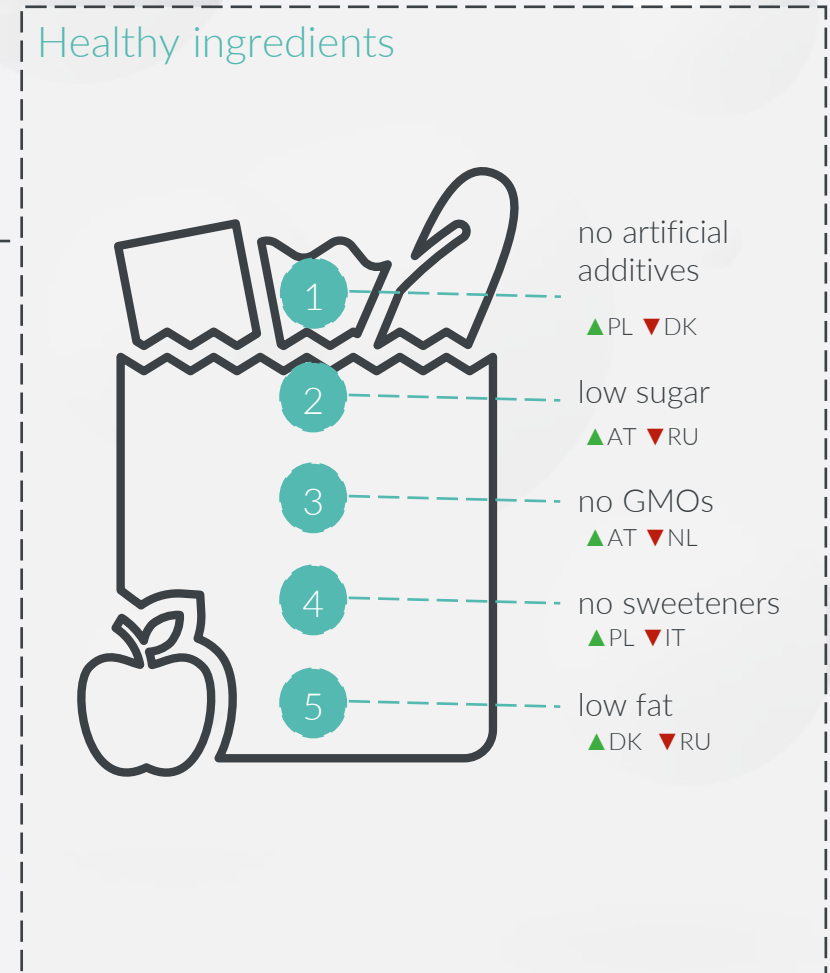
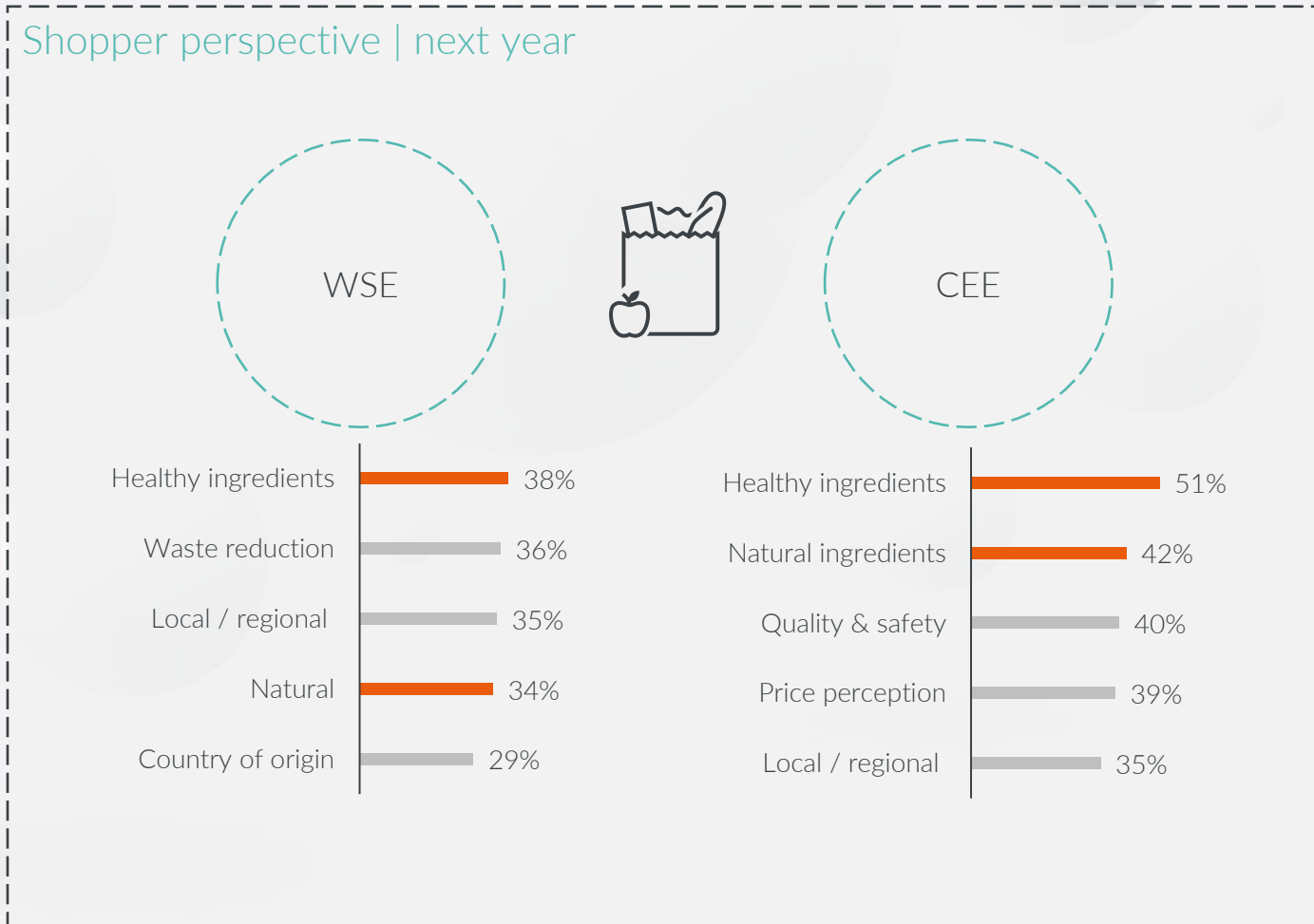
Quality / safety (+)
Healthy ingredients
Natural ingredients

"We're lagging behind":

Personalized promo / ads (-),
Local / regional products
Price perception

'Naturally healthy' crisis resistant

Top 5 choice drivers in both WSE and CEE



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; GfK ConsumerPanel, Harmonized Statements, EU-14 MAT '21

Curing versus prevention

Attention turns healthier general lifestyle



2 out of 3

Say they do a lot for their health and/or their mental balance



Wearables

Growth by year

Year	Sales value
2020	32%
2021	42%

Sales value

Blood oxygen levels



Blood sugar levels



Quality of sleep



Health behaviors

EU-14

Attention to healthy diet	52%	DK, NL
Exercise regularly	38%	NL, SE
Often on a diet	20%	IT, RS

Health problems

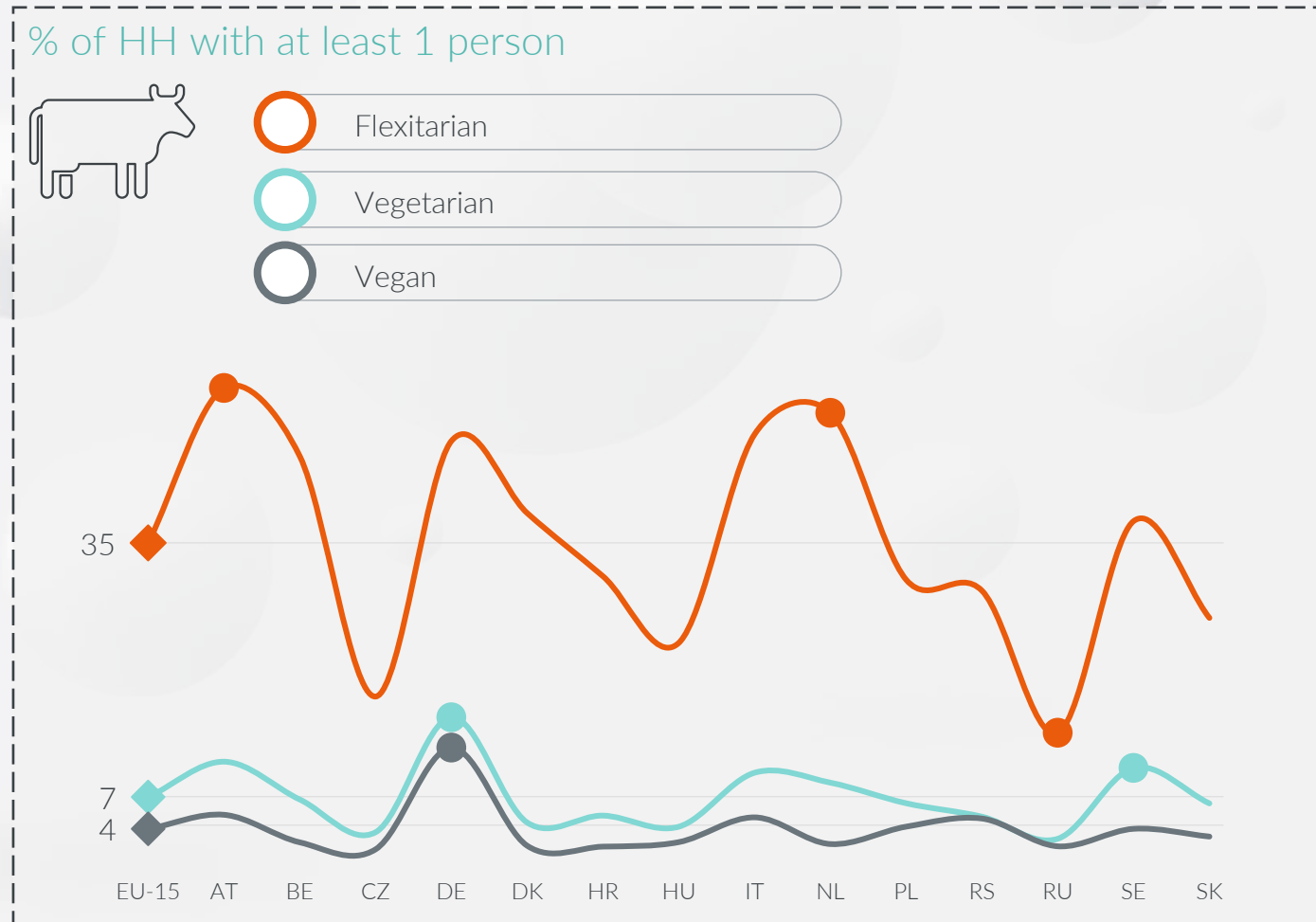
EU-14

High blood pressure	17%	HU, SK
High cholesterol	12%	IT, PL
Diabetes	11%	HU, PL

Source: GfK ConsumerPanel, Harmonized Statements, EU-14 MAT '21 and GfK Market Intelligence: Sales Tracking

Animal versus plantbased

Flexitarian lifestyle prominent nearly everywhere



Alternative foods into mainstream

- Plantbased more influential: 14%
- Animal friendly more influential: 18%
- 27% penetration for meat replacers (EU-14)
 - ▲ NL (52%) ▼ HR
- Volume declines Jan 22 vs. Jan 21
 - 4% fresh meat ▲ HR & RS (EU-10)
 - 7% yoghurt ▲ SK (EU-13)

Netherlands to make biggest ever public investment in cellular agriculture

14 April 2022

The Dutch government has announced a record €60 million of funding for cultivated meat and precision fermentation.



Photo credit: Mosa Meat

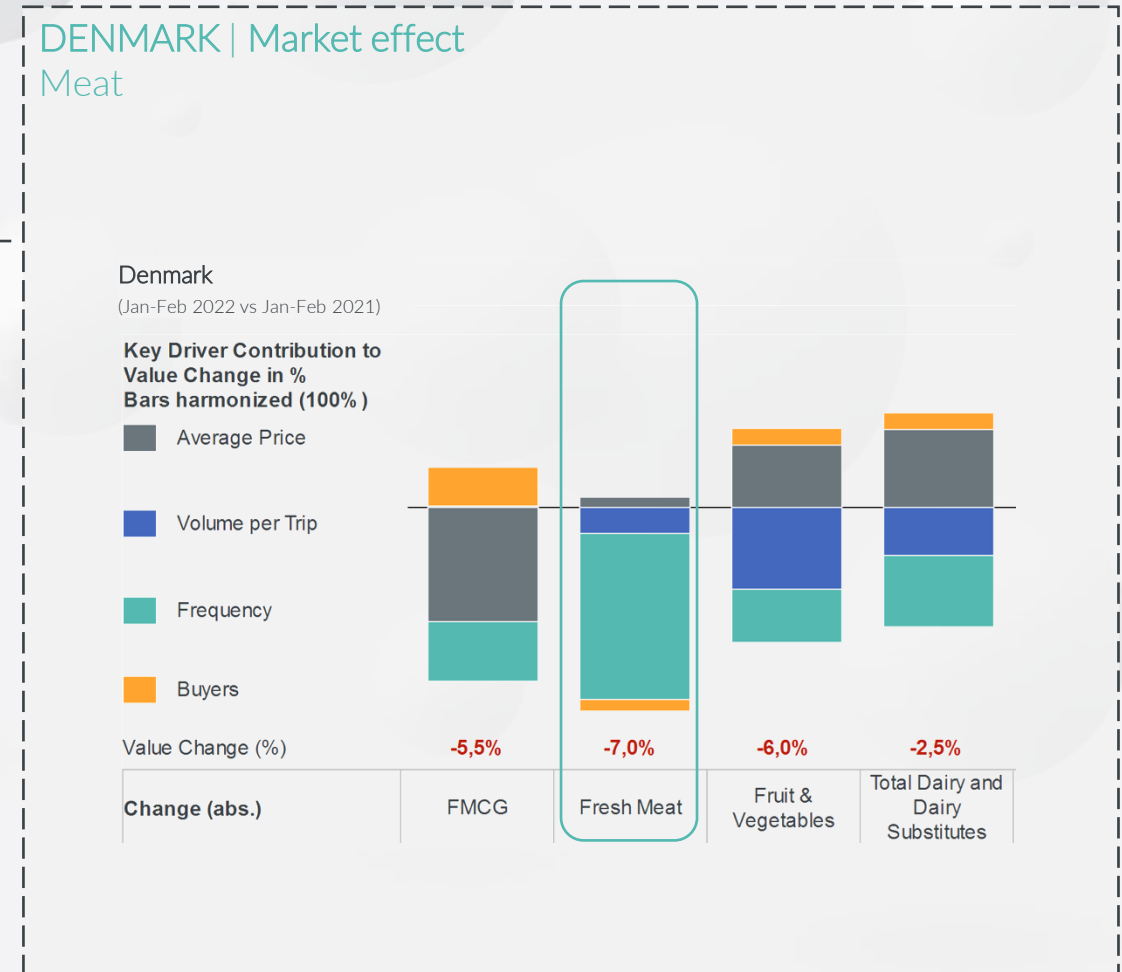
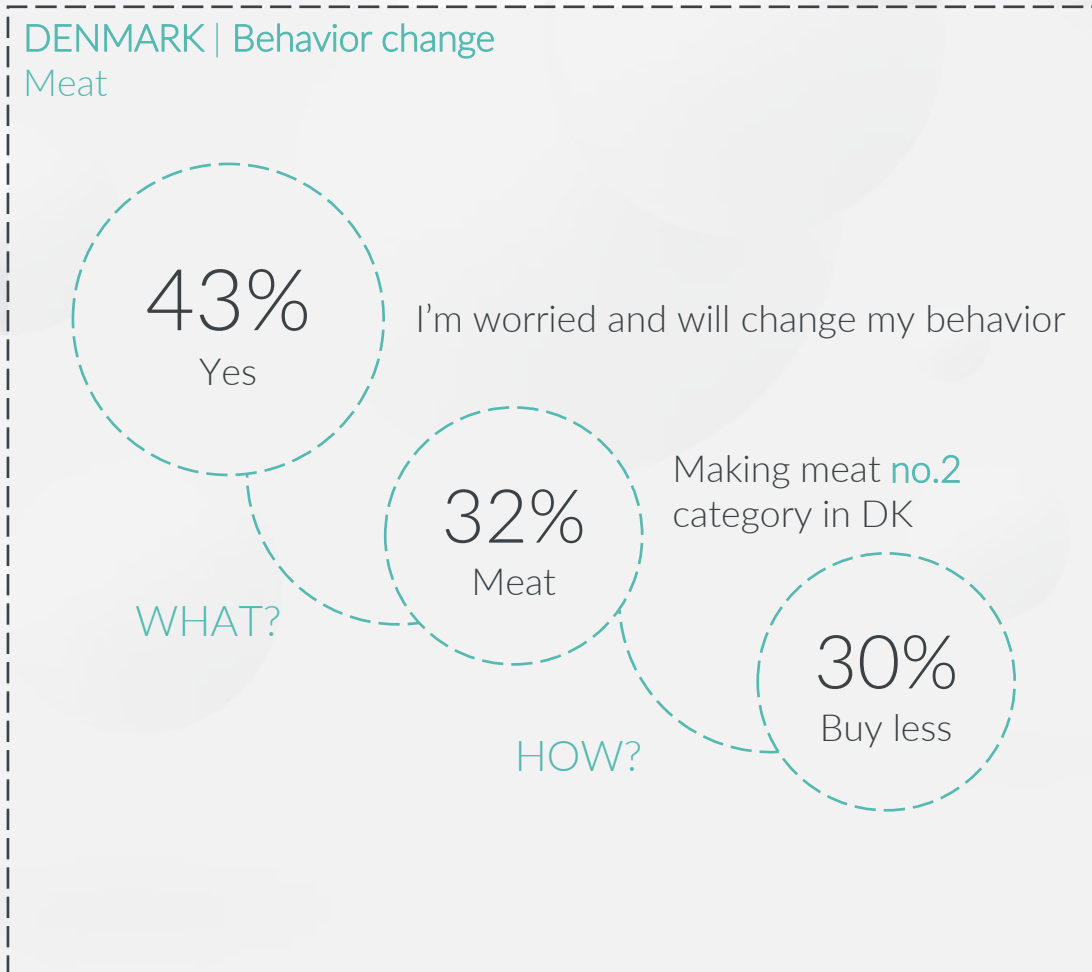


The Dutch government has announced €60 million (\$65.4 million) of public funding to support the formation of an ecosystem around cellular agriculture – or cultivating meat directly from cells, and producing animal-free dairy. The package represents the world's largest-ever public investment in the cellular agriculture field.

Source: GfK ConsumerPanel, Harmonized Statements, EU-14 MAT '21; Behavior Change survey EU-15 n=7,855 April 2022

Inflation further accelerates this shift

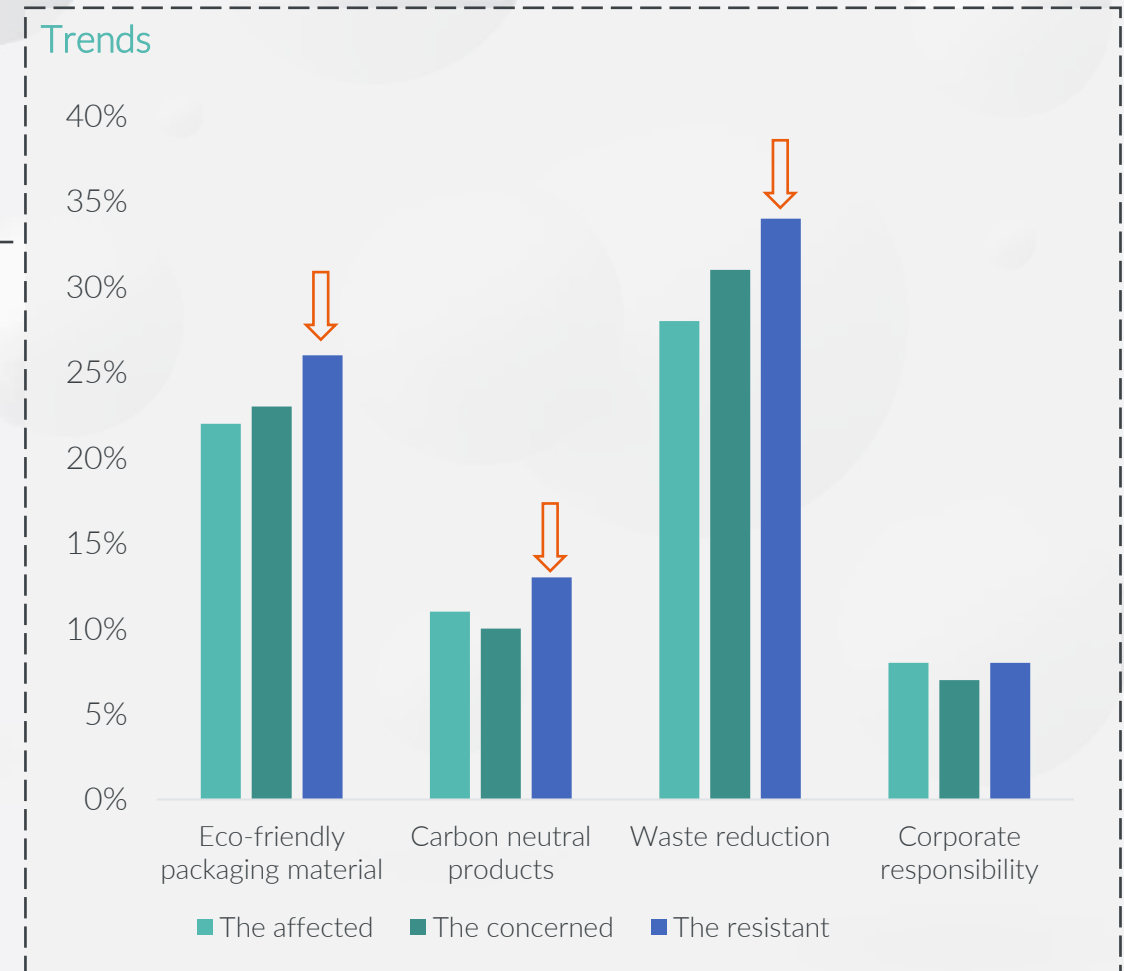
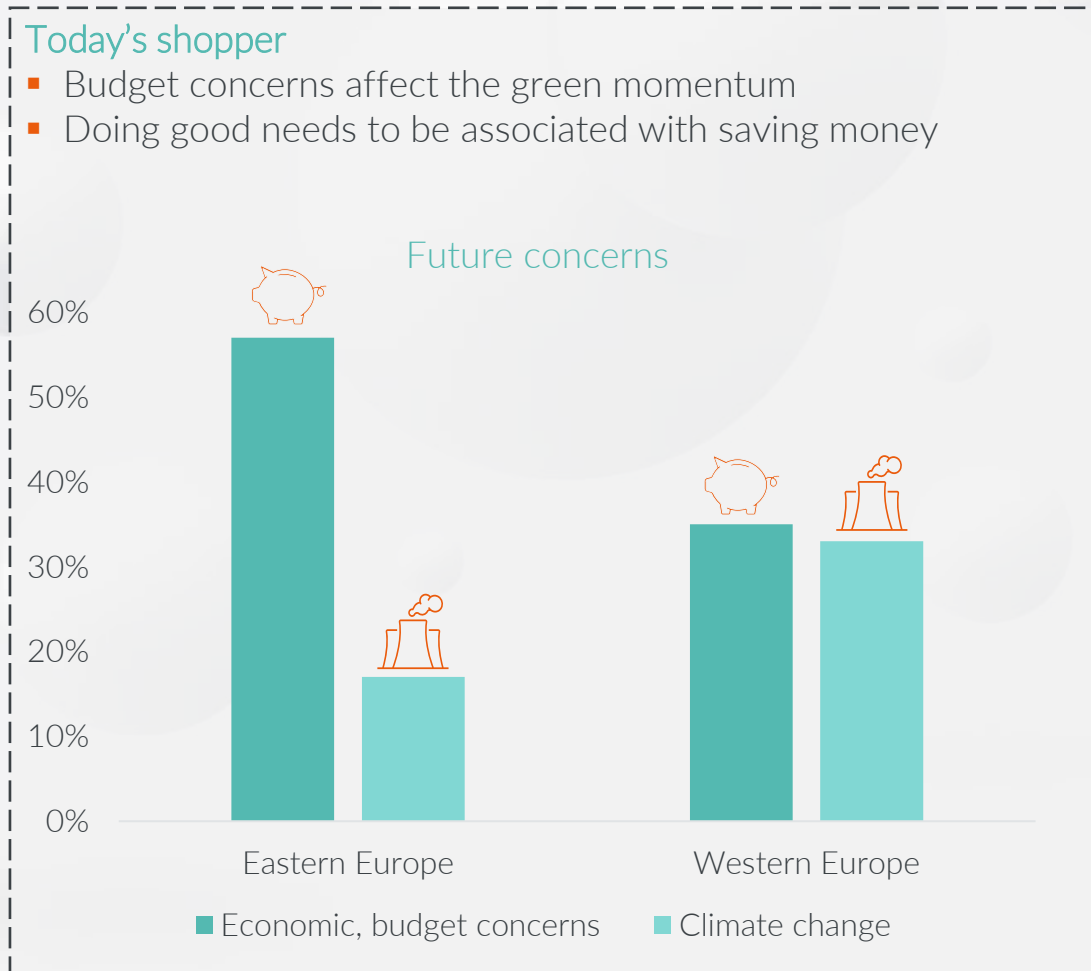
Cutting down meat consumption has strong savings effect



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; ConsumerPanel Denmark

Glamorous to be green

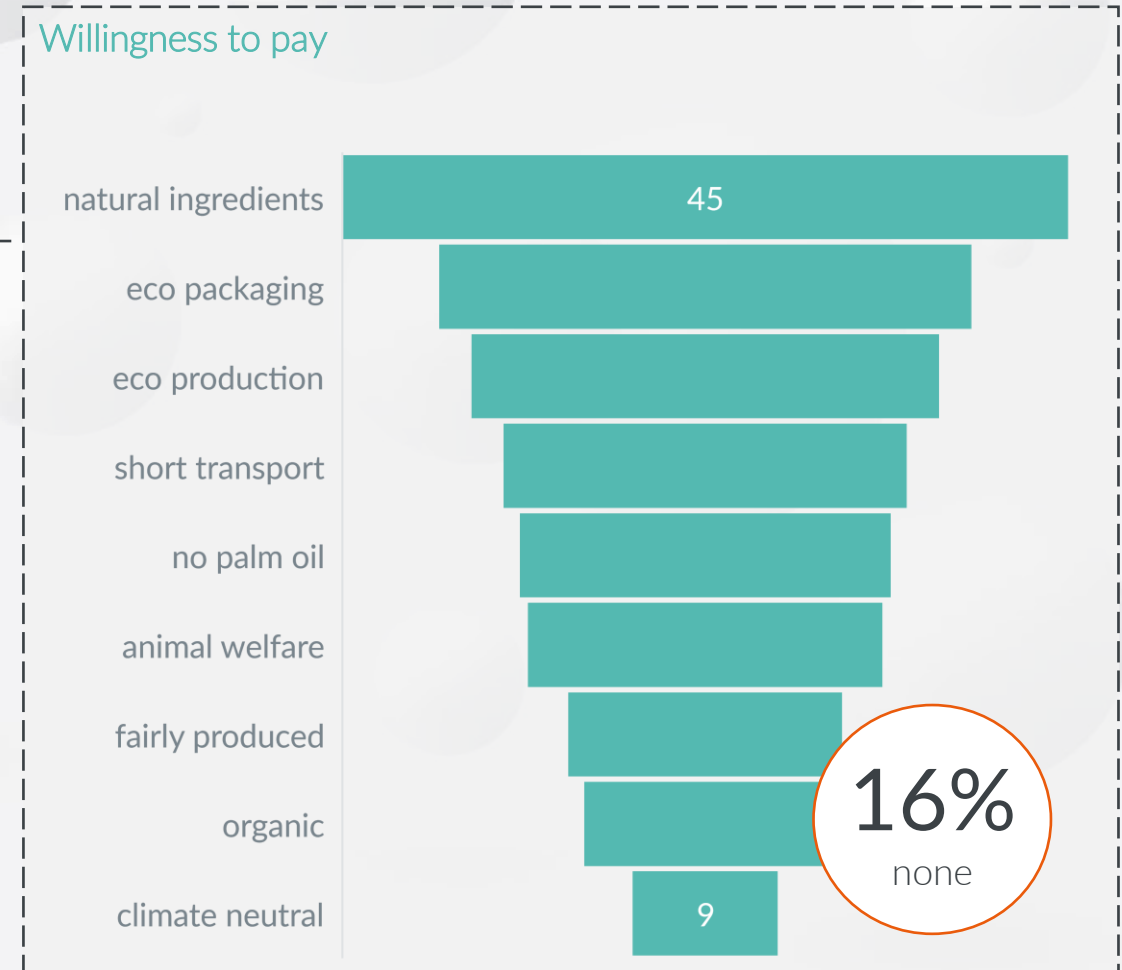
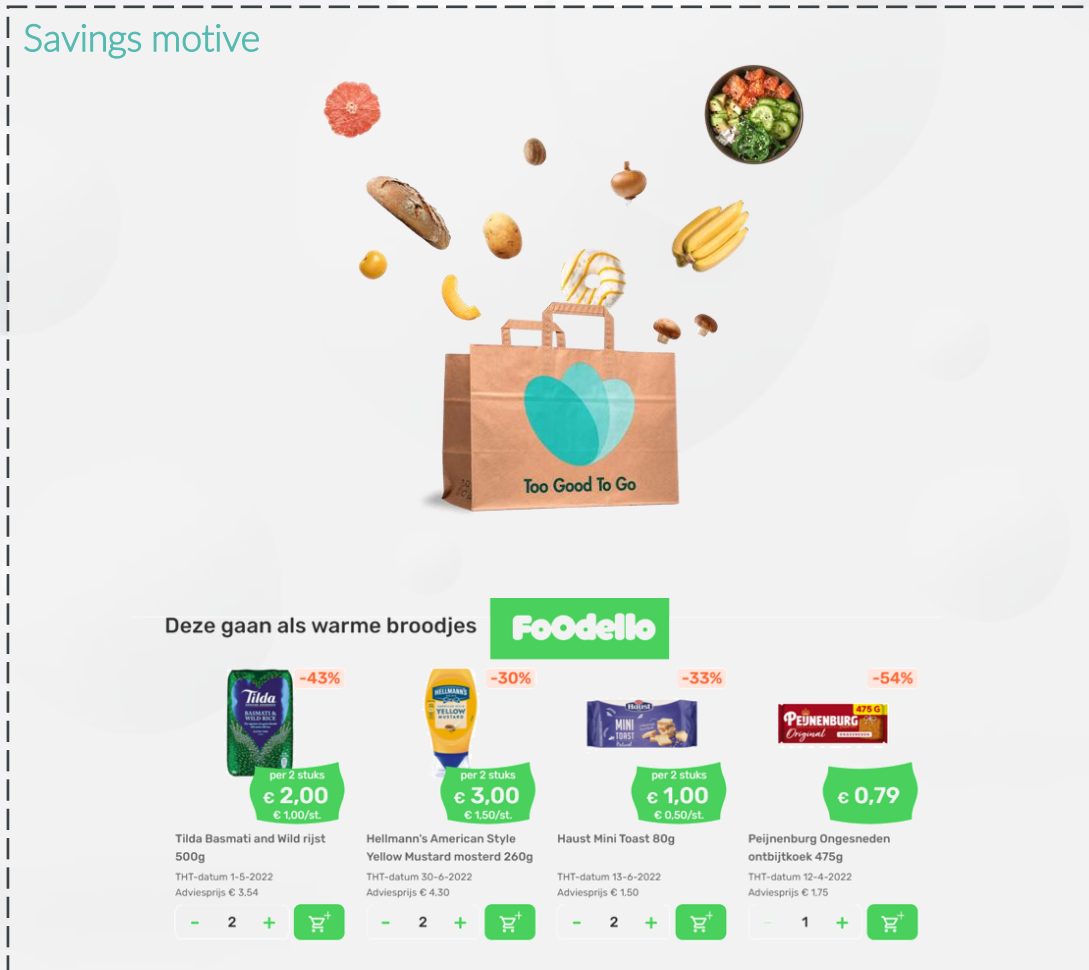
New tale of two speeds



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022

Green saving versus green premium

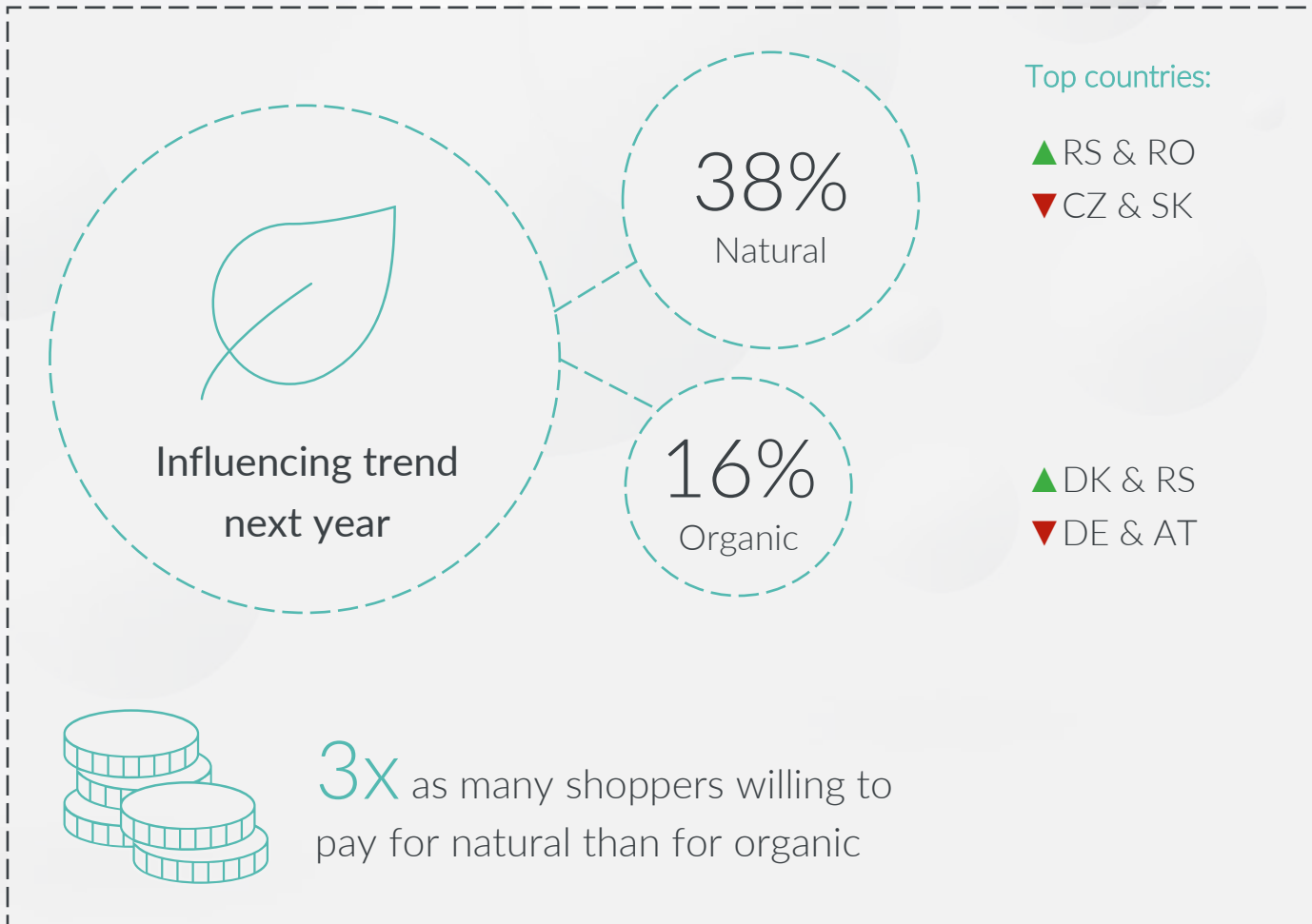
Packaging, production and transport worth a premium



Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; GfK ConsumerPanel, Harmonized Statements, EU-14 MAT '21

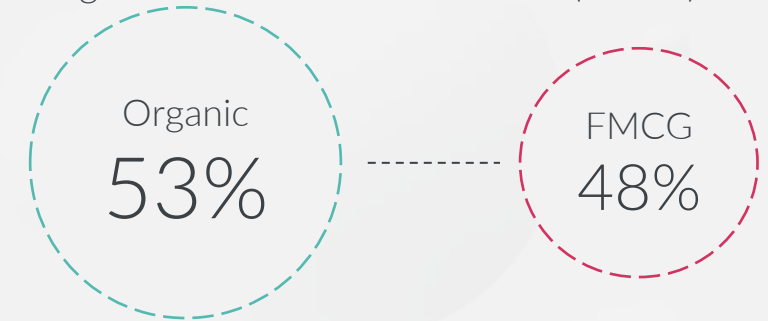
Natural versus organic

Shoppers see real value in natural products



Organic sales are driven by the resistant

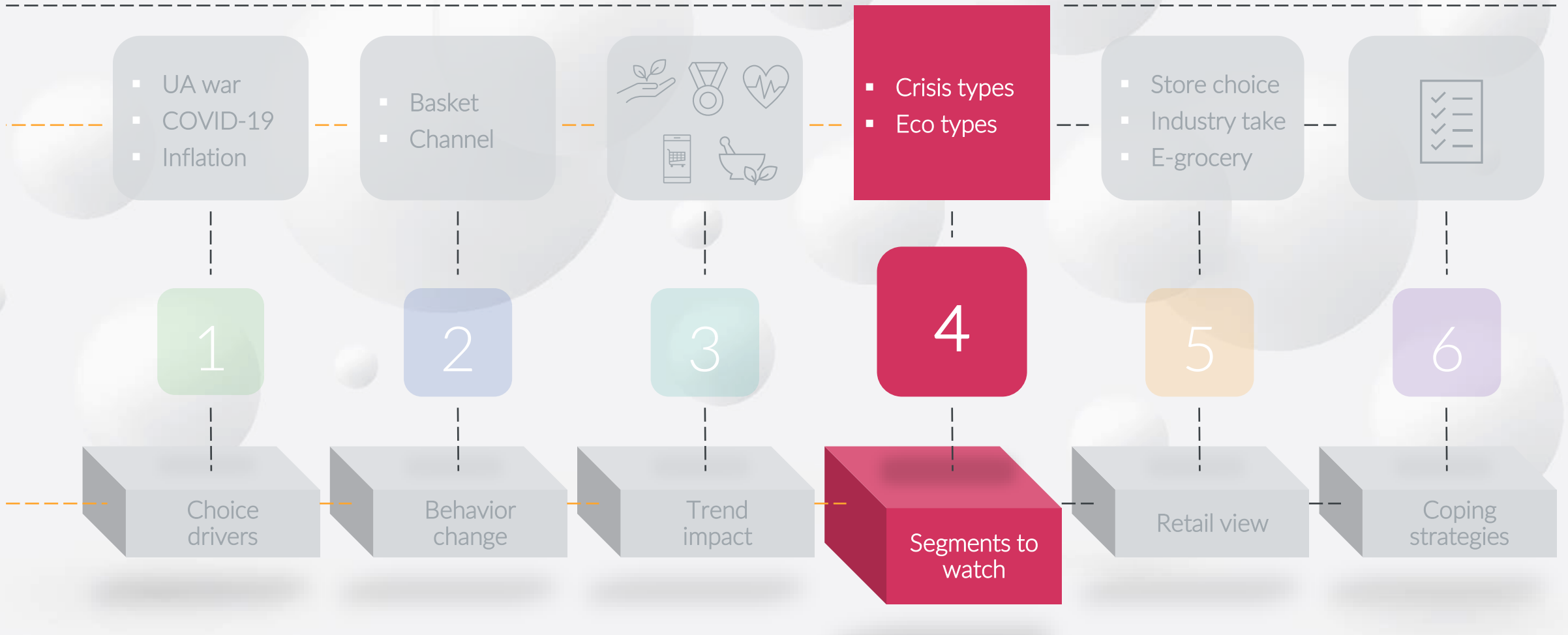
Average value share of the resistant (EU-14)



Organic price premium less justified across shopper types than natural

Source: GfK, Behavior Change survey EU-15 n=7,855 April 2022; GfK ConsumerPanel, Harmonized Statements, EU-14 MAT '21

4. SEGMENTS TO WATCH



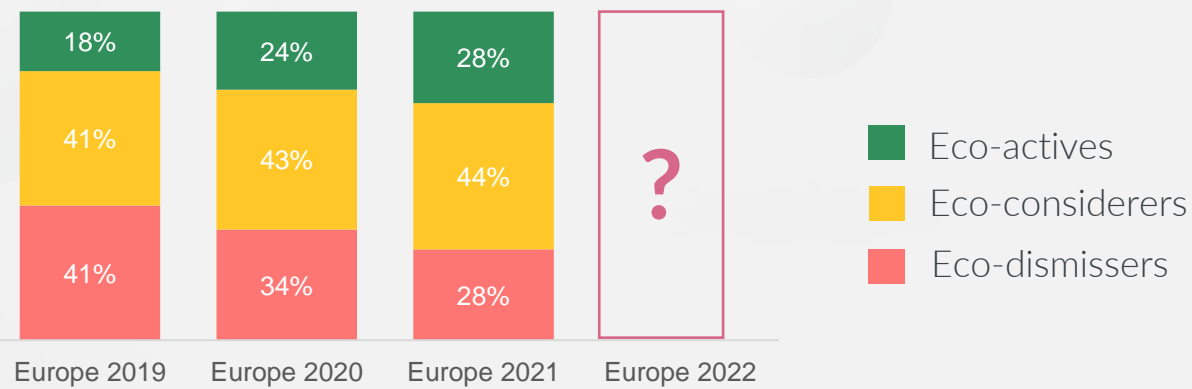
Eco types: concern and action

With shifting concerns, growth of actives might stall

4. SEGMENTS TO WATCH

Why?

- Eco-actives have been **growing in numbers** exponentially
- Lack of **affordability**, **findability** and **ease** are barriers
- Today, the green momentum **might be peril....** if sustainable options don't appeal to value for money sentiment



GERMANY | soft drinks

	Eco-actives	Eco-dismissers
Penetration	84%	91%
Spend per buyer	€110	€147



Source± GfK, Kantar, Euromonitor Who Cares? Who Does? report 2021 | ConsumerPanel Germany MAT '21

Eco-type Digital Usage Profiler



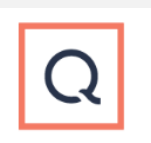
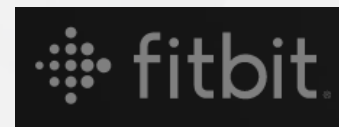
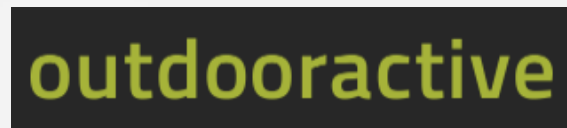
Eco-active are lifestyle oriented, dismissers consumption oriented

4. SEGMENTS TO WATCH

Where to reach them? Germany

Taster of top websites visited by eco-actives

- >10% reach
- >110 index versus average



Where to reach them? Germany

Taster of top websites visited by eco-dismissers

- >10% reach
- >110 index versus average



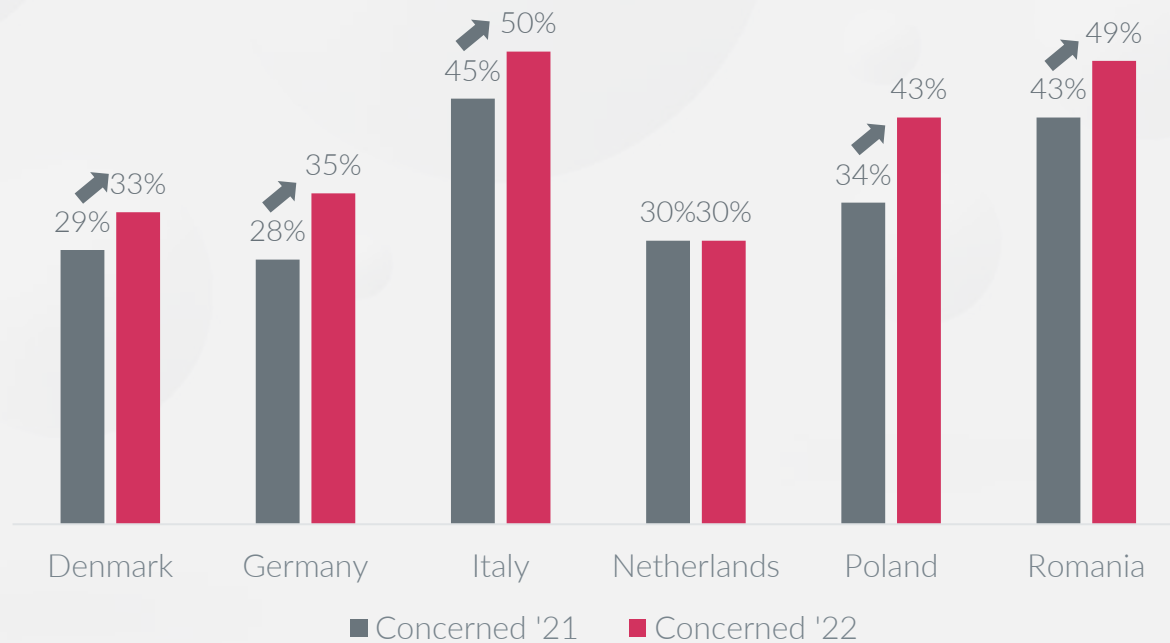
Crisis types: pressure on the resistant



Why?

- General insecurity is causing a major shift in purchasing and consumption habits

Growth of % the concerned



Resistant versus Affected lifestyle index

"I buy what I like" – index 120
 "I decide spontaneously what to buy" – index 92
 "I'm suspicious of ads" – index 91

"I'm often on a diet" – index 83
 "I exercise regularly" – index 123
 "I take care of my mental balance" – index 112
 "I prefer to prepare quick meals" – index 88

Crisis types purchasing effects

Average spend per buyer (€) EU-14

	Fresh vegetables	Potato chips	Yoghurt
Affected	€129	€27	€46
Concerned	€133	€25	€48
Resistant	€146	€24	€54

Source: GfK Behavior Change survey 2021 (April n=3886) & Behavior Change survey 2022 (April n=3152) selected countries

Crisis-type Digital Usage Profiler



Affected look for savings (food waste!), resistant for smart finance

Where to reach them? Germany

Sample of top websites visited by the resistant

- >10% reach
- >110 index versus average

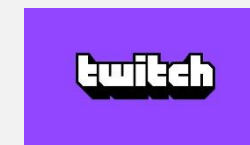


Where to reach them? Germany

Sample of top websites visited by the affected

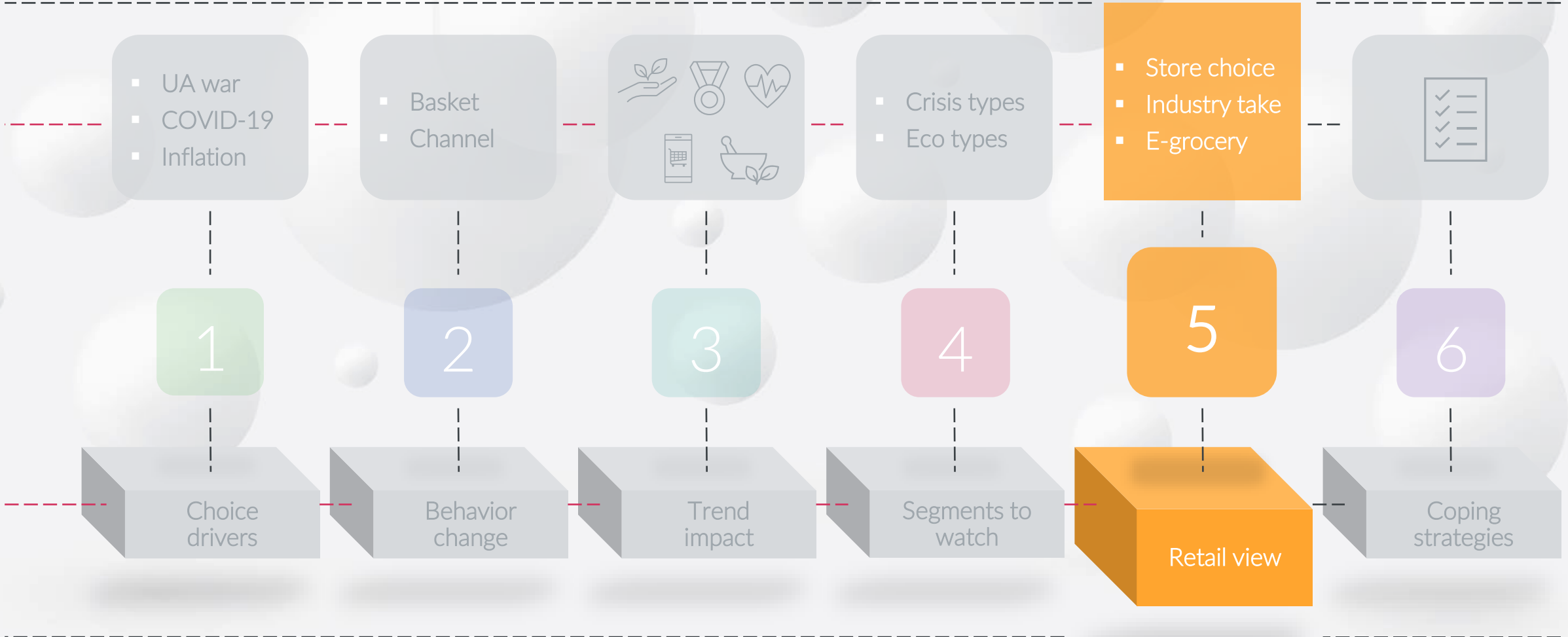
- >10% reach
- >110 index versus average

174 million impressions



Source: GfK Integrated Solutions Digital Usage Profiler Germany Sept '21 / Feb '22

5. RETAIL VIEW

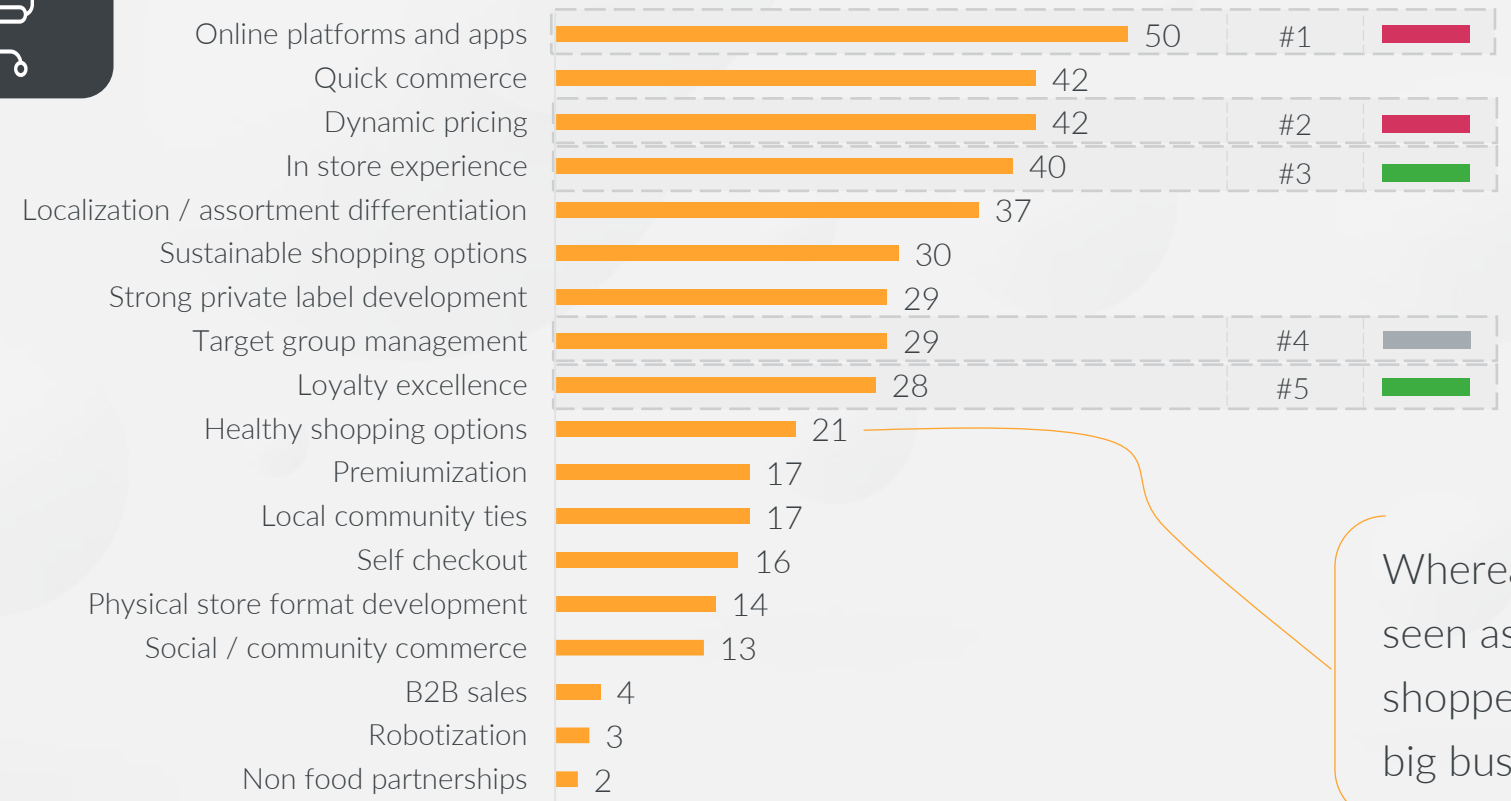


E-grocery believed to drive growth most

Yet business are not ready to take advantage



Retail growth drivers, top 5 mentions | no. 1 mention | readiness



Whereas healthy products were seen as the no.1 growing trend by shoppers, it is not recognized as a big business opportunity for retail

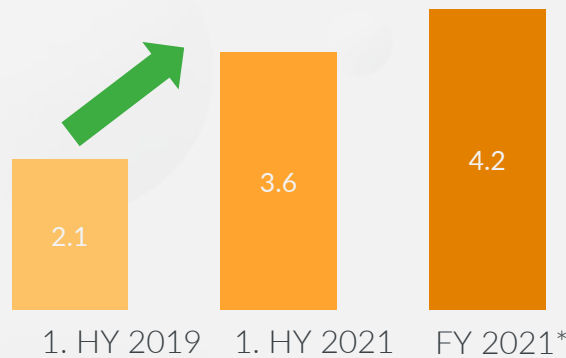
More and more shoppers in Europe buy grocery online



5. RETAIL VIEW

E-grocery value share nearly doubled in the last two years in Europe

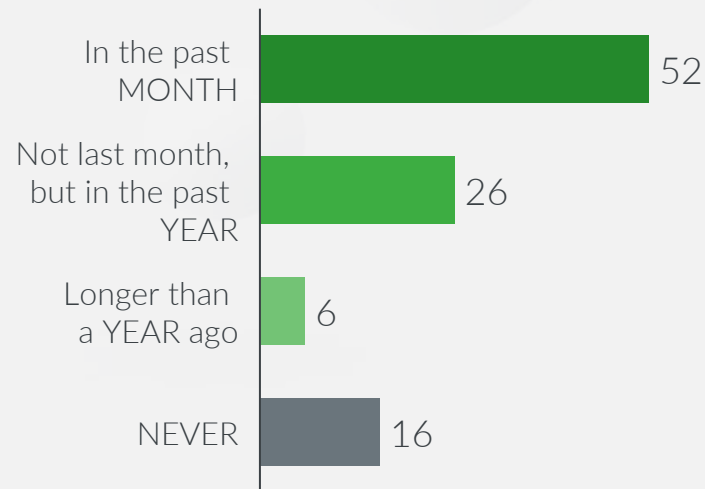
Value Share of E-grocery in GfK EU-15 in % - 1. HY 2021 vs. 1 HY 2019



More than every second shopper in Europe has bought last month at least once everyday goods online

When have you bought everyday goods online for the last time?

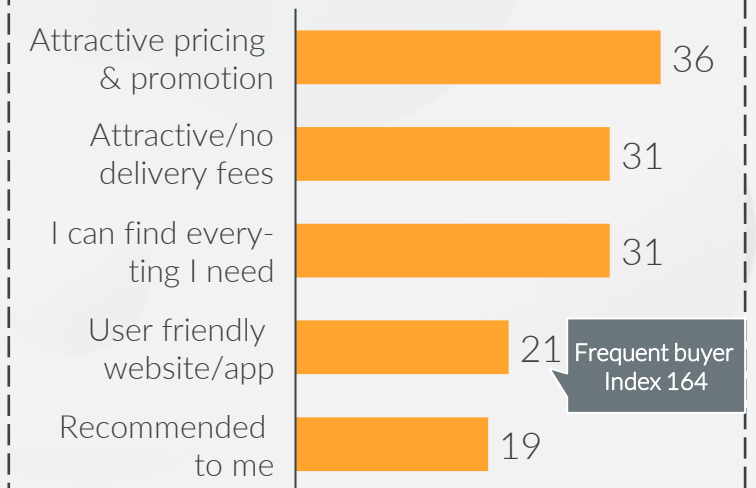
Share in %



Attractive prices, promotions & delivery fees and right assortment are the main reasons to start buying groceries online

Top 5 reasons to start buying E-grocery

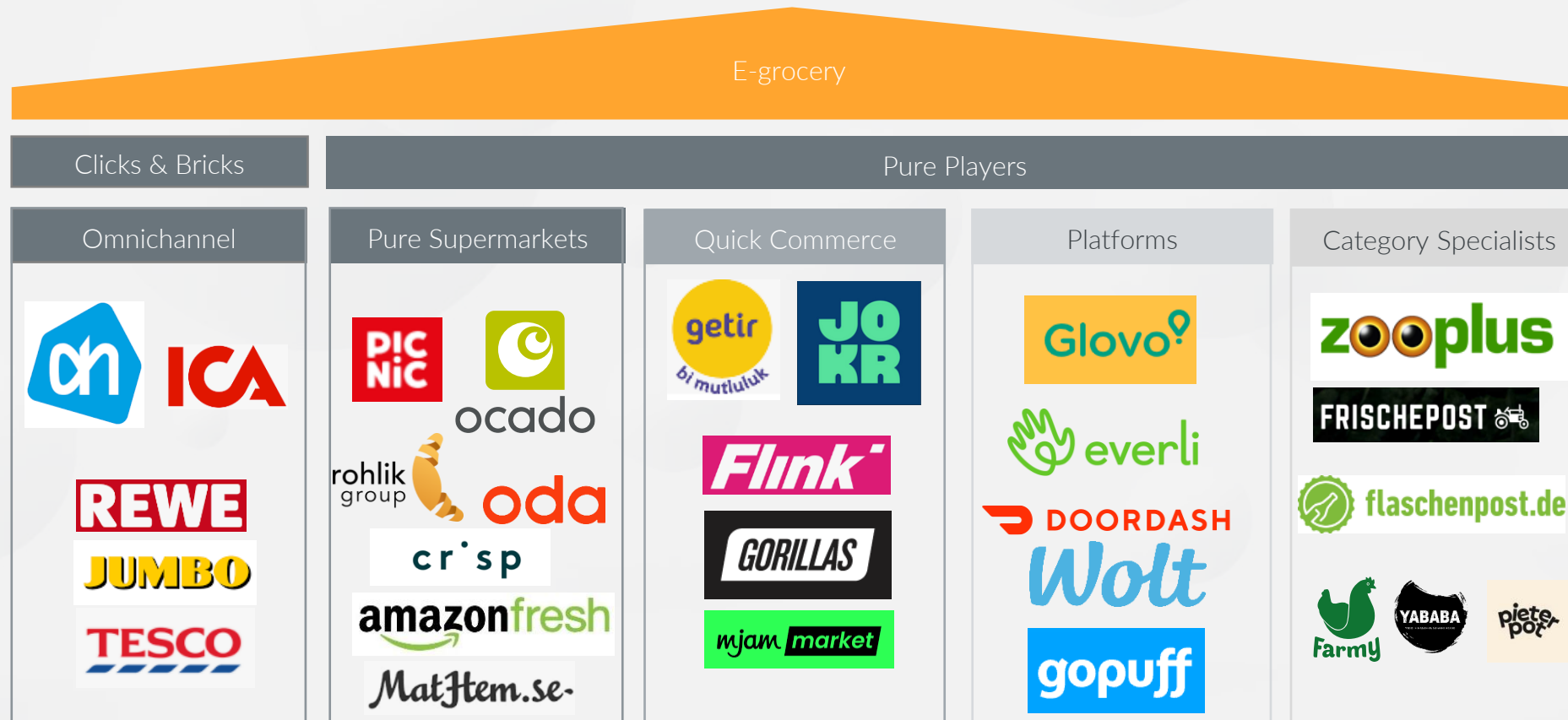
Share in %



Source: GfK - E-grocery EU-8 report, December 2020 | GfK ConsumerPanel Omnichannel report | *EU-14 data

E-grocery players in Europe

European overview



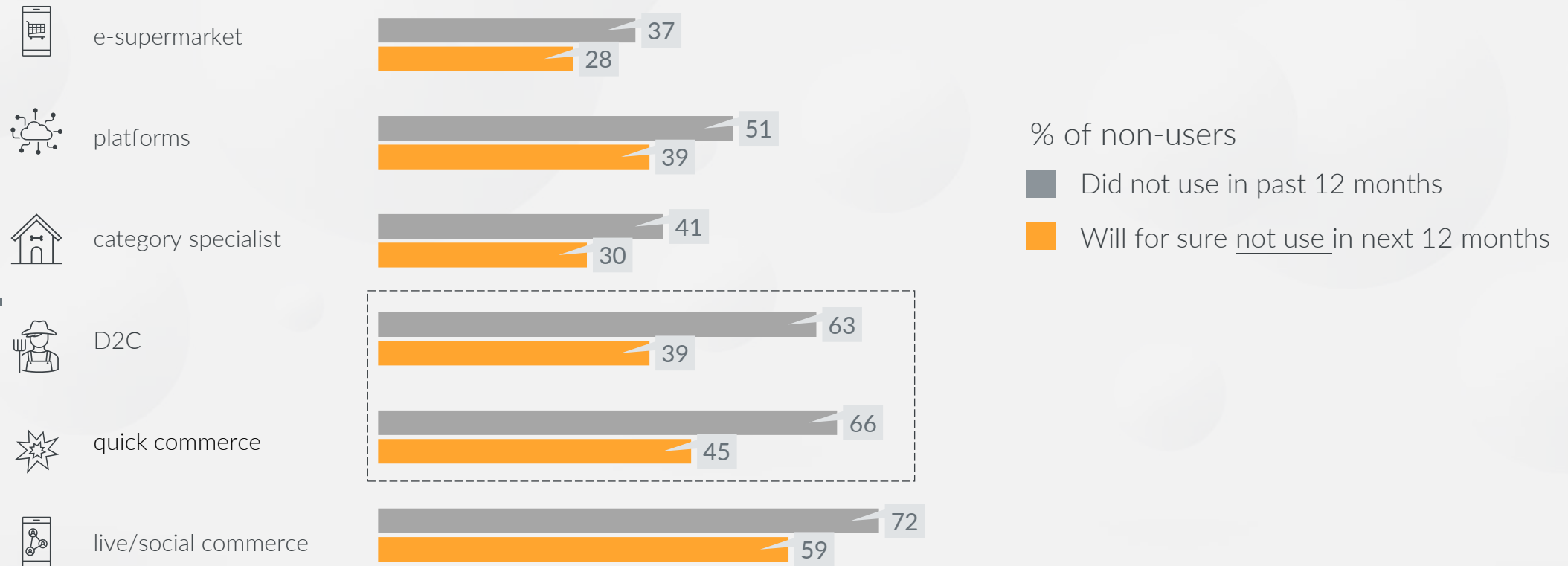
D2C and quick commerce attractive

Stand to gain most new buyers in 2022



E-grocery landscape: now versus next

Of everyone that shopped online, % did not use:



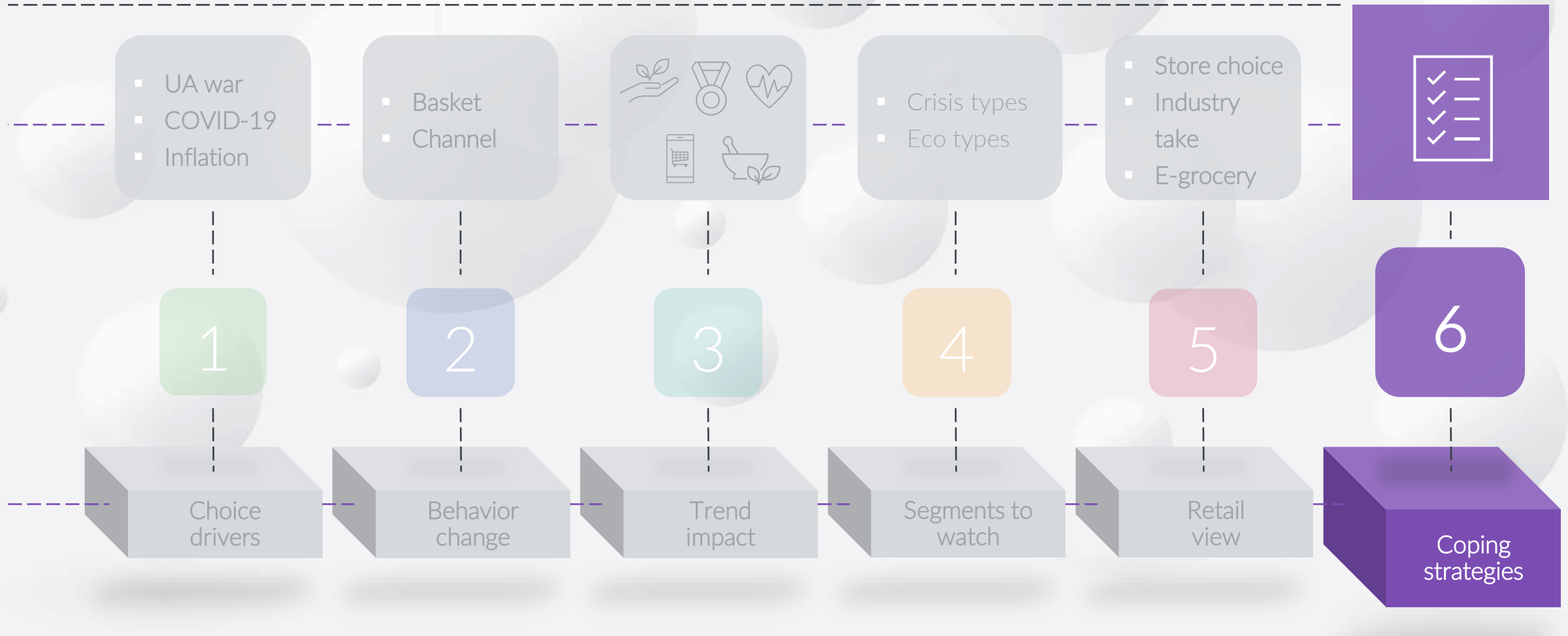
% of non-users

■ Did not use in past 12 months

■ Will for sure not use in next 12 months

*Flash delivery excl. CZ. EU-8 n=7547; EU-7 n=6566 | Q7 & Q9 | *Please refer to the appendix for sample size, question text & definition

■ Behavior change in times of instability



Five key strategies

to cope and thrive in current market conditions

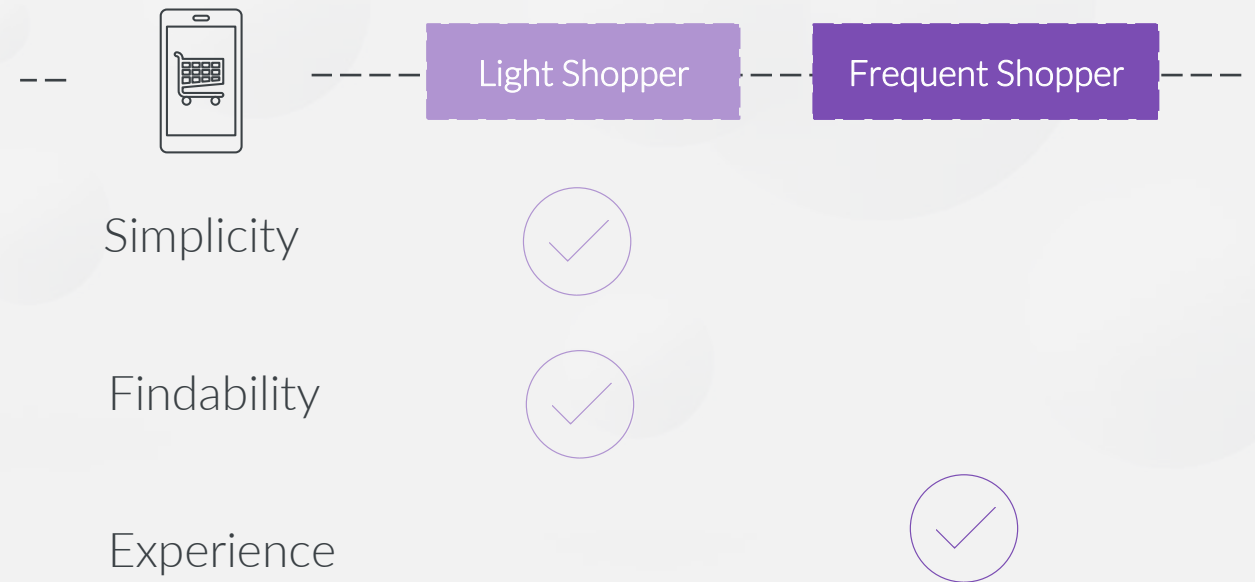
Strategy 1: Relentlessly work to meet shopper (omnichannel) expectations

Continue with high level of in store excellence and be sure to apply this with equal rigor online. The more experienced your shoppers get, the more important inspiration, loyalty rewards and personalization become.

Shopper satisfaction: brick & mortar outscores online



Satisfaction drivers differ along the shopper maturity curve



Source: GfK e-grocery report EU-8, Key Driver Analysis

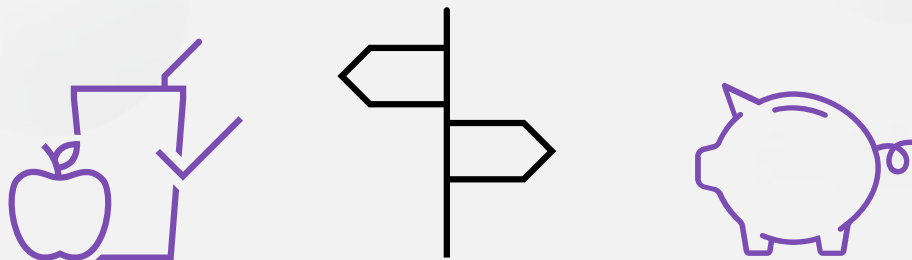
Strategy 2: Focus on key trends



Natural worth a premium, green when saving money

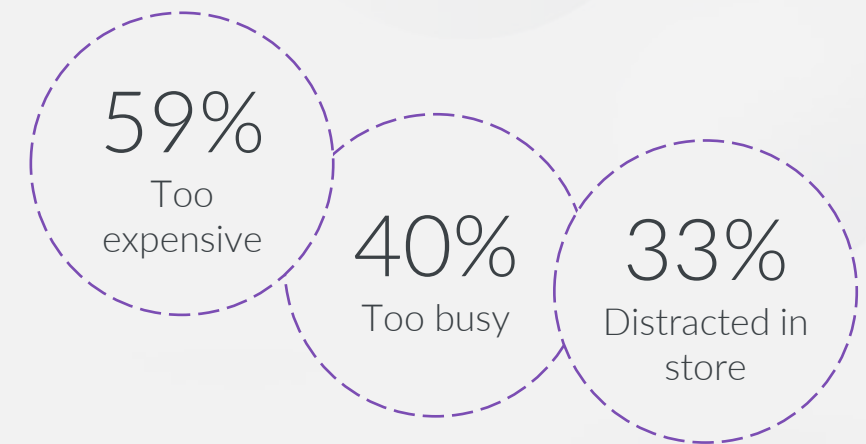
#1 Naturally healthy is a crisis resistant opportunity

- Preventative health, balanced and natural in demand
- Keep investing in meeting this demand
- Help (affected) shoppers by nudging them the right way
- Budget squeeze should not jeopardize healthy choices



#2 Glamorously green and saving (money) to keep the green going

- Green worn as a badge of honor by eco-actives
- Manufacturers and retailers must make it attainable
- Affordability and saving merged with green side-effects
- Improve in-store findability



Source: GfK, Kantar, Europanel WCWD report 2021

Strategy 3: Dynamic and relative pricing



Investment and value for money management are key

6. COPING STRATEGIES

Shoppers today:

- High inflation increases importance of price in decision making

Usually,

55%

Price focused

Today,

37%

is financially struggling

And,

56%

Will check price (even) more

49%

Will wait for promotions (even) more

45%

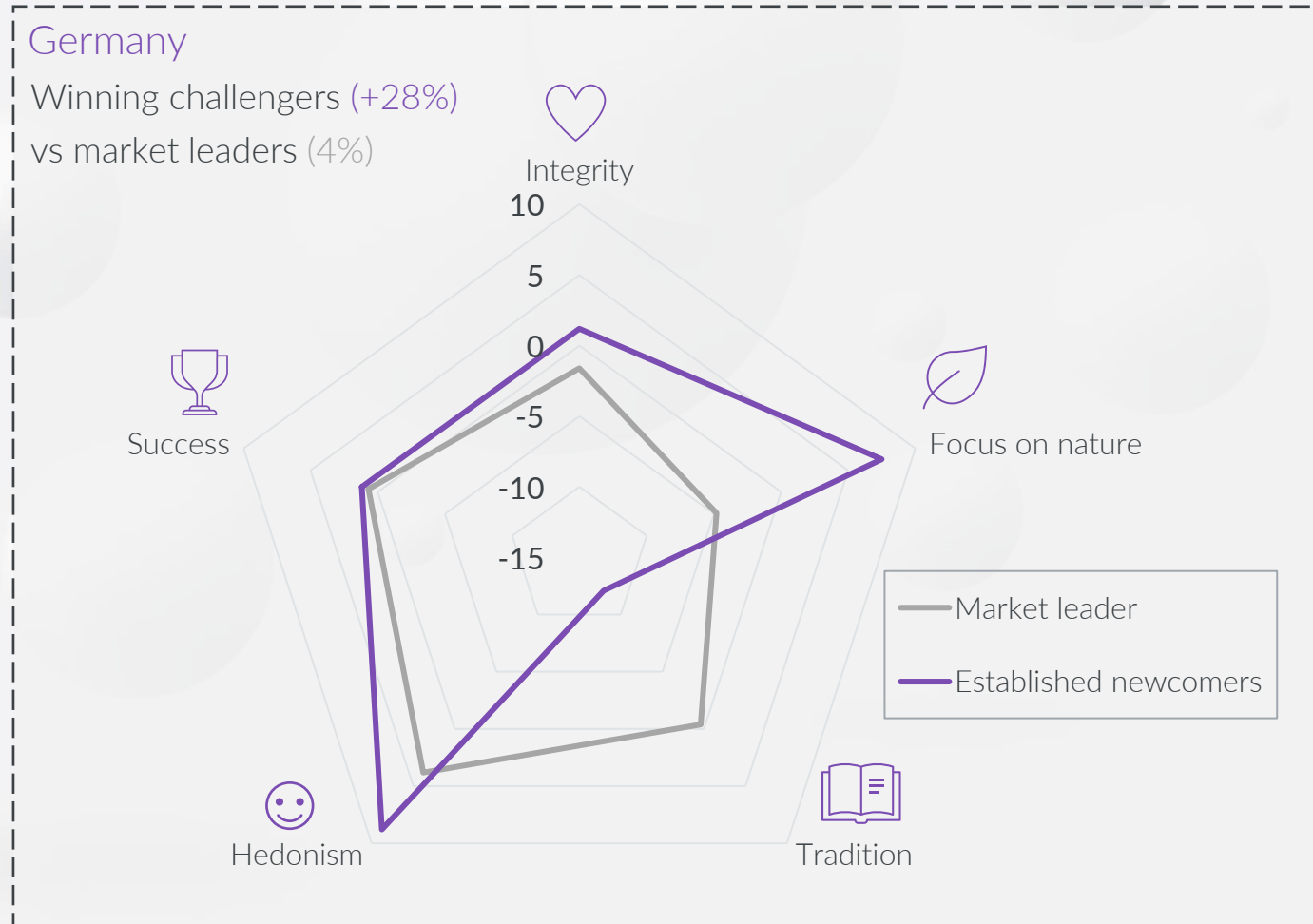
Will keep total basket amount low(er)

Investment

in brands is key to curb PL growth, especially where impulse purchasing is under serious pressure

Source: GfK Consumer Life, GfK Market Intelligence: Sales Tracking,

Strategy 4: Build strong brand identities that resonate with consumers



Functionality
Necessary but no longer sufficient to thrive

Emotionalisation
Individual fun and indulgence are key factors, but less central

Responsibilization
Growing success factor when paired with emotionalization

The right balance
No unlimited license from consumers to engage and speak up

Source: DE Kronberg study - GfK Consumer Panel FMCG; Why2buy, value dimensions, basis: revenue, YTD 11/ 2021

Strategy 5: Re-think shopper segmentation in light of the 'latest normal'



People that may have fallen within the same targeting bracket previously now have completely different needs.



Time to rip up your shopper segmentation



Use data-driven insight to create needs-fueled messaging, product positioning, promotions and merchandising

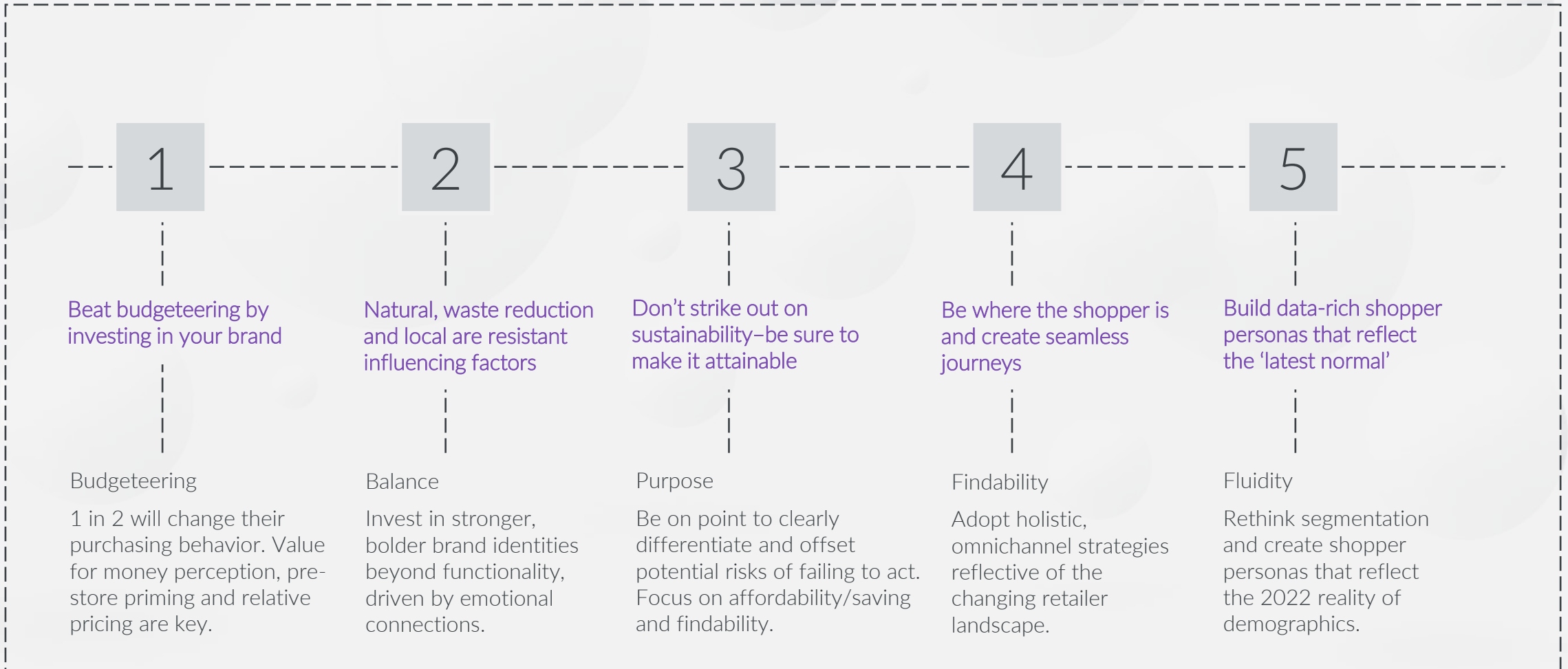


Develop rich and granular personas based on new portfolio of needs



Be constantly mindful of changing behaviors, reflected by what shoppers think, buy and why.

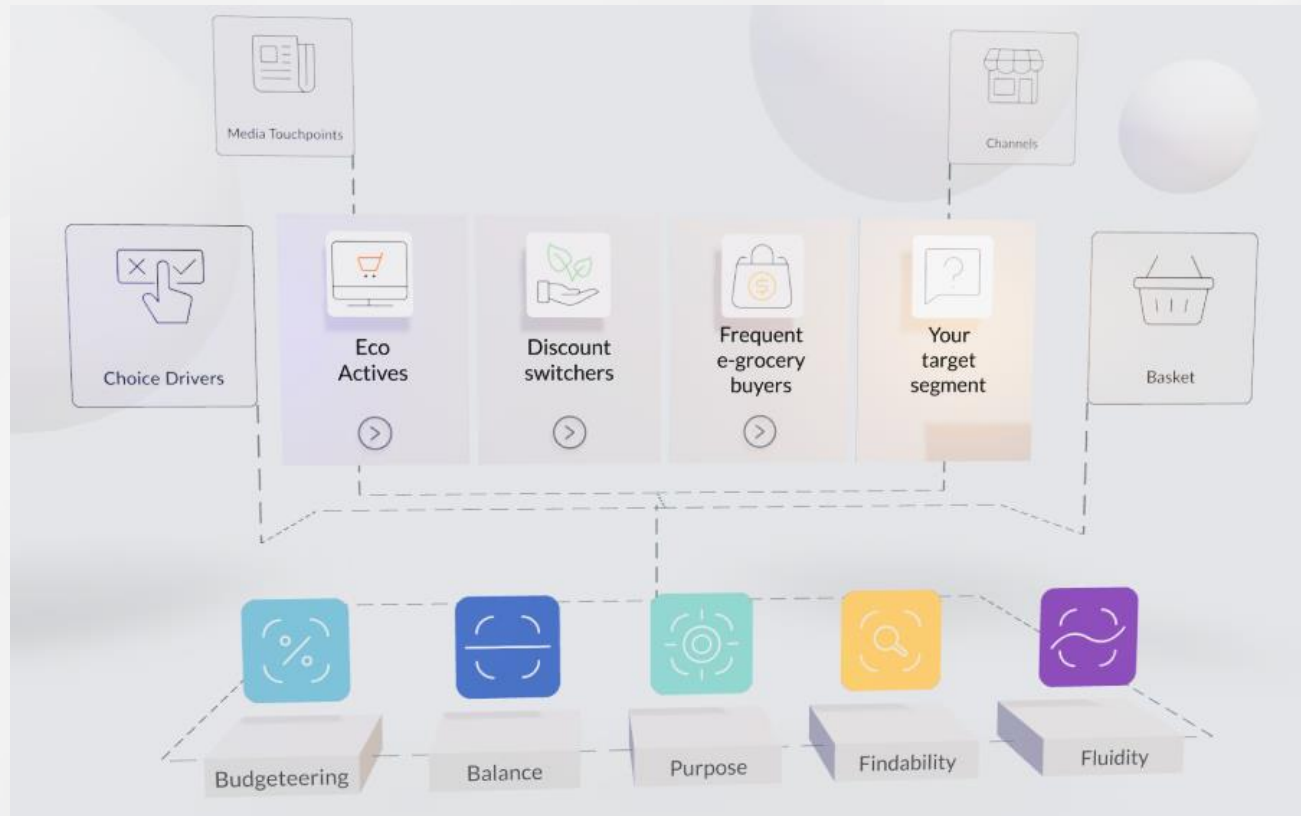
Five key takeaways for the year ahead



#BehaviorChange



Visit our Behavior Change Hub at gfk.com/behavior-change



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