

A.I.S.E. PAN-EUROPEAN CONSUMER HABITS SURVEY 2017

PERCEPTIONS OF CLEANLINESS AND HYGIENE – CLEANING HABITS, SUSTAINABILITY AND SAFETY

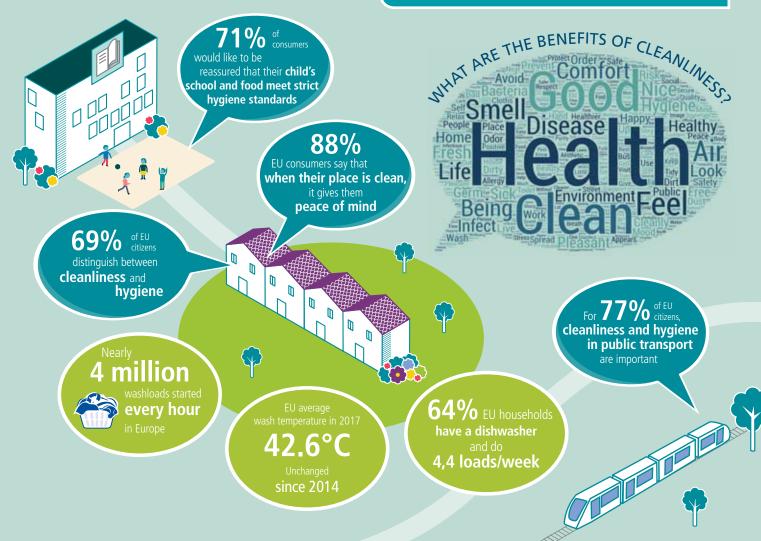
KEY FINDINGS

- A broad recognition that cleanliness and hygiene in and outside the home is key and as important for consumers as being in good health
- A relatively stable situation with regard to laundry/dish cleaning habits compared to 2014
- Opportunities for further progress in consumer habits notably with regard to dosage, sustainable consumption and safe storage
- A stable situation concerning the perception of product safety, but a slight decline in people's interest to read on pack information compared to 2008
- Relative stability in trends regarding sustainability and laundry/ cleaning products versus three years ago.

METHODOLOGY

Every 3 years since 2008, A.I.S.E. has commissioned a pan-European survey on consumers' habits and perceptions. The objective of this exercise is to find out about consumers' perceptions vis-à-vis the cleaning and hygiene industry, as well as to monitor washing habits and their evolution in the domains of laundry and dishwashing practices.

The summary herewith covers the results of a survey run in Oct.-Nov. 2017 covering 23 countries in Western, Southern, Eastern Europe and Scandinavia, with approximately 200 respondents per country (total 4611 online questionnaires, recruitment via panel, men and women, aged 18-65, responsible for purchase and using a laundry machine).



CONSUMERS' PERCEPTION OF CLEANLINESS AND HYGIENE IN AND OUTSIDE THE HOME

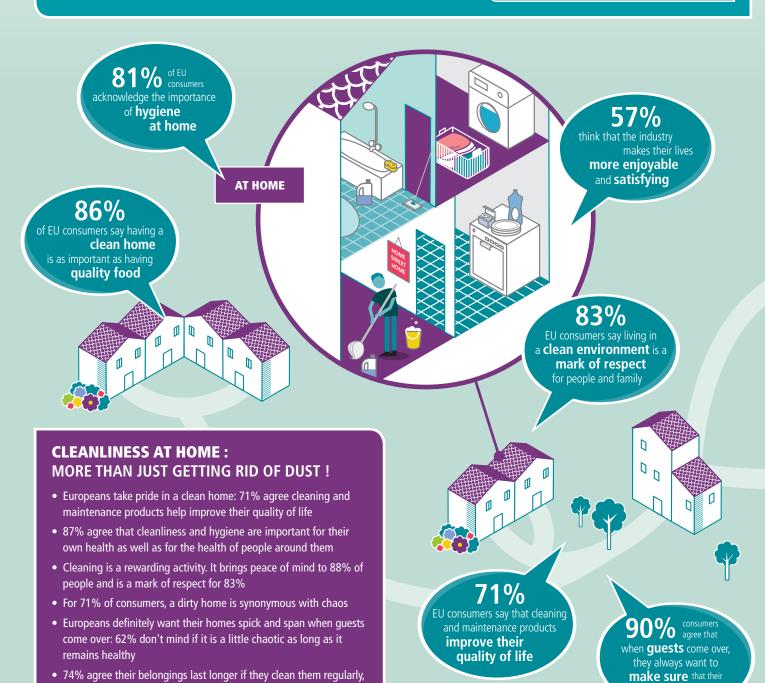
CLEANLINESS AND HYGIENE ARE PART OF CONSUMERS' BASIC NEEDS

and that it helps maintain the durability of goods (48%)

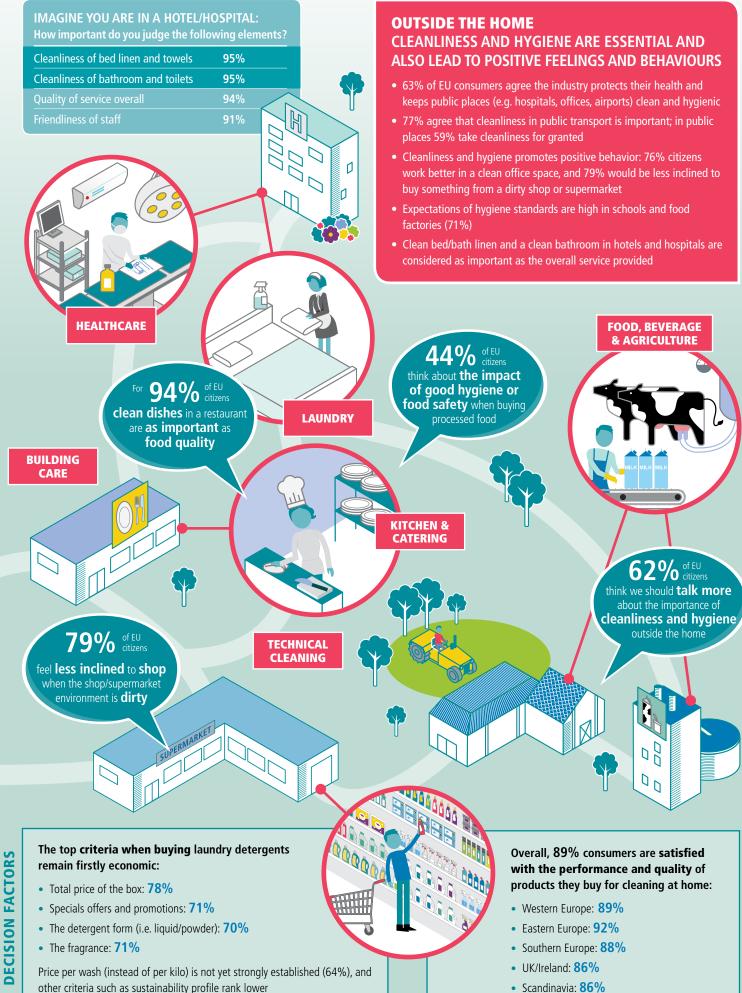
- Having a clean home, a clean environment and wearing clean clothes are as important for EU consumers as being in good health, having financial stability and having positive relationships
- Cleanliness and hygiene are motivated by health and the comfort of a clean environment
- 61% of consumers agree that the industry facilitates convenient and modern lifestyles and 55% mention that the industry provides products important for their wellbeing

HOW IMPORTANT ARE THESE ASPECTS?	
Be in good health	92%
Have financial stability	91%
Wear clean clothes	90%
Have positive relationships	89%
Have clean and healthy surroundings	86%
Have a clean home	86%
Have quality food	86%
Have a rewarding job	81%

house is clean







CONSUMERS' HABITS WHILE CLEANING AT HOME

CLEANING PROFILE



- 56% of consumers prefer to clean the house themselves to be sure it's done as they want, instead of hiring a cleaner
- The cleaning chores seem to be spread among different members of the family (for 84% of the population)
- According to our panelists, doing the laundry is a shared chore and no longer the responsibility of the woman only
- There is a pretty good understanding of the difference between cleanliness and hygiene (69%)
- EU consumers are not all the same! The cleaning behaviour of consumers varies considerably across Europe (for example, higher average wash temperatures in Scandinavia vs rest of Europe)

CLEANING FREQUENCY

AT LEAST ...

Several times a week:
72% Clean the kitchen counter with detergent
64% Tidy up my home
Once a week or more:
86% Use the vacuum cleaner
79% Clean the bathroom
72% Wash the tea towels

64% Tidy up my home
72% Wash the tea towels
78% Wash the bathroom towels

ONCE EVERY TWO WEEKS OR ONCE A WEEK ...

67% Change the bed sheets

SMALL HABIT CHANGES IN LAUNDRY AND AUTOMATIC DISHWASHING

LAUNDRY:

- Liquid laundry detergents have grown in popularity and are used as often now as powder detergents
- The number of washes per two weeks has decreased slightly over the years (from 6,7 in 2008 to 6,1 in 2017), whilst staying relatively stable in recent years
- The same stability trend applies to filling of the washing machine

3,1 loads a week per household

8/10 fully loaded 42.6°C average T° (stable vs 2014)



AUTOMATIC DISHWASHING:

- Dishwasher ownership and usage have increased in the EU (from 60% in 2011 to 64% in 2017)
- Dishwashers are filled to capacity 92% of the time
- Frequency of use has stayed relatively stable across the years



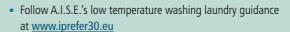
64% penetration dishwashers

4,3 loads a week per household 9/10 fully loaded

ENERGY SAVINGS FROM WASHING AT LOW TEMPERATURE – A CONTINUING CHALLENGE

The average wash temperature has remained unchanged in recent years and is stable at 42.6°C, despite savings potential from washing at low temperatures.

- 40°C remains the most popular washing temperature
- 26% of washloads in Europe are done at 30° or below and they usually include:
 - Delicates (58%)
 - Woollens (40%)
 - Synthetics (34%)
 - Dark colours (33%)



Evolution of the average wash temperature across Europe:



DOSAGE HABITS – A MIXED PICTURE

- Most EU consumers find it easy to dose laundry detergents (74%)
- A decreasing number of people say they measure the amount of detergent they use (from 79% in 2008 to 62% in 2017). This may be due to the increased use of unit doses
- The bottle cap is most often used (44%) for measuring liquid detergents
- An increasing number of consumers is aware that the number of washes is indicated on each pack (89%, up from 82% in 2008)

I am aware of the dosing instructions on the pack	63%
I find it easy to dose laundry detergents	74%
I usually measure the amount of detergent I use	62%
I check each new pack I buy for dosing instructions	50%
I add more detergent than recommended	24%
I add less detergent than recommended	23%



74% OF EU CONSUMERS FIND IT EASY TO DOSE LAUNDRY DETERGENTS

57% EU CONSUMERS CORRECTLY ADD THE RECOMMENDED AMOUNT OF DETERGENT

71% of Consumers
ARE AWARE OF WHAT THIS ICON MEANS →



SUSTAINABILITY TRENDS

IN GENERAL

Overall, trends regarding sustainability and laundry/cleaning products are relatively stable versus three years ago. In general, Southern Europeans care the most about sustainability. When consumers are asked about measures that industry should take to improve sustainability, they propose:

- provide products in recyclable packaging (56%)*
- provide products in recycled packaging (53%)*
- create products that work well at low temperatures (50%)
- provide reassurance that the product is not going to harm the environment (47%).

WHO IS RESPONSIBLE FOR SUSTAINABLE CLEANING ACCORDING TO CONSUMERS?

Although 80% of the energy footprint of laundry detergents is in the use phase, consumers consider the industry as primary responsible

The laundry/cleaning industry as a whole	74%
The brands	71%
Professional users	69%
Consumers	65%
Government	60%
Retailers	50%

FURTHER POTENTIAL FOR PERSONAL EFFORTS TOWARDS SUSTAINABLE CLEANING

- 47% consumers say that apart from purchasing sustainable laundry/cleaning products, they try to clean in a more sustainable way
- The action taken most by consumers to do the laundry more sustainably is to avoid underfilling the machine (69%). A general trend vs 2008 shows decreasing efforts by consumers from key habits (e.g. low temperature washing (53%), use concentrated detergents (29%) etc)
- This same trend applies to automatic dishwashing (use water saving programmes (51%), use sustainable detergents (33%))



61% believe
innovation
can make the industry
more sustainable

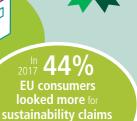
48% EU consumers say they always sort detergent packaging for recycling

A GENERAL LEVEL OF TRUST REGARDING LABELS AND CLAIMS

- As regards sustainability claims, 34% mention that they usually look for this
 information on laundry/cleaning products before buying; 44% of consumers
 mention that tend to look more at these claims versus five years ago
- 43% usually trust sustainability claims made by cleaning brands
- Official ecolabels (60%) are considered as important as labels that inform

consumers on sustainable use (59%) (such as the cleanright best use panel); this is closely followed by labels provided by the company and/or brands (43%)





puying laundry/cleaning prod vs 5 years ago



PACKAGING AND RECYCLING:

- In Europe, 90% consumers sort their detergent packaging but the margin of improvement to have them do so in a systematic way is still big (52%)
- The minority that does not recycle does not think about it (32%) or cannot do it in their municipality (31%)
- When asked about efforts that industry could undertake to improve sustainability, packaging is high on the list!*

Always 48% Mostly 30% Sometimes - 12%

Never - 10%

SAFETY PERCEPTION

Perceptions by European consumers on the safety of household laundry, cleaning and maintenance products for versus 2008/2011/2014

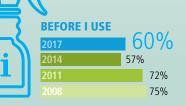
30% say the safe for the



READING ON PACK INFORMATION - INTEREST IN DECLINE

- Compared to 2008, less consumers read information on pack. Still, in 2017, 52% claim that they read it BEFORE PURCHASING a product, while 60% mention that they do so BEFORE USING the product. It remains to be seen whether these claims, which are actually quite high, are indeed happening in reality.
- Variations do exist among different regions (with greater interest from Southern and Eastern Europe).
- · When benchmarking these findings with other A.I.S.E. research (cf BRES Feb. 2017), we see indeed that the average time spent on a label, when forcing consumers' attention, is about 20 seconds, irrespective of the label size/content.
- When asked whether they deliberately look for ingredient information, 37% of European consumers respond positively, explaining that they do so essentially to:
 - Compare products (59%)
 - Avoid a specific substance (29%)
 - Look at the amount of a specific substance (28%)
 - Because they are allergic to a particular substance (24%)
- Consumers' ranking of product hazard in case of misuse is done based on their own perceptions and not based on the product's actual classification and labelling (cf BRES Feb. 2017).

BEFORE I BUY 66% 68%



HALF OF CONSUMERS NEVER READ THE LABEL. **EVEN WHEN THEY DO SO, VERY LITTLE TIME IS SPENT READING THE SAFETY INFORMATION.**

56%

of consumers

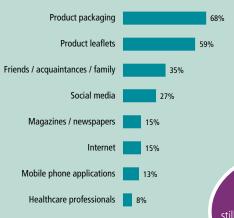
believe digital technologies

will offer more opportunities

to access information

BRES Feb. 2017: A.I.S.E. Better Regulation and Safe Use project

SOURCES OF INFORMATION



- The packaging is currently still the most important source of infomation
- When asked whether digital technologies will offer more opportunities to access information on detegents and maintenance products, 56% agree
- How online information can replace on-pack information remains to be further explored (35% are inclined towards, 55% in Southern Europe)

36% of families with young children still store their laundry detergents unsafely

of EU consumers understand A.I.S.E. safe use advice: "Always keep away from children"





PRODUCT STORAGE: SAFER BEHAVIOUR IS DEFINITELY POSSIBLE

- When asked where products are stored, 47% of consumers mention that laundry detergents are mostly placed on a low shelf or under the sink in an unlocked location. Although Western European and Scandinavians more often choose for a high shelf
- Storage of different products such as laundry detergents, automatic dishwashing detergents and drain cleaners does not seem to be subject to much difference
- In the case of families with children under five years old, there is potential for improved safe storage habits