



PREVENTION

EUROPEAN BURNS ASSOCIATION

Firesafety and the impact of burns. The European perspective.

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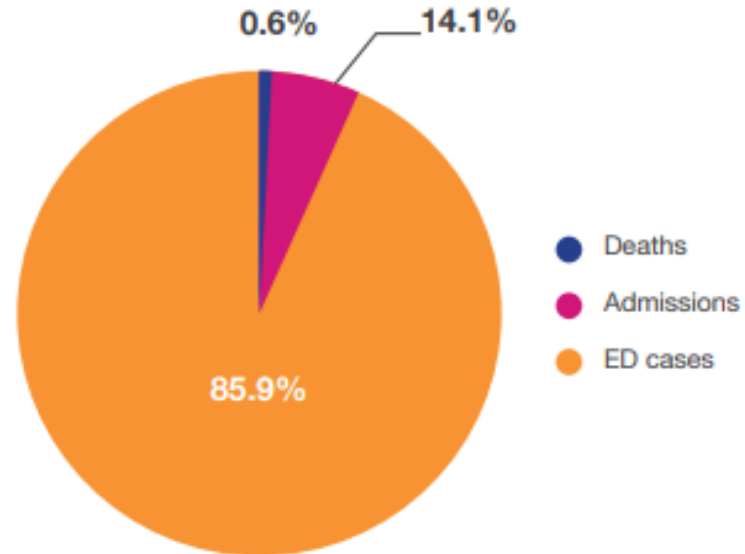
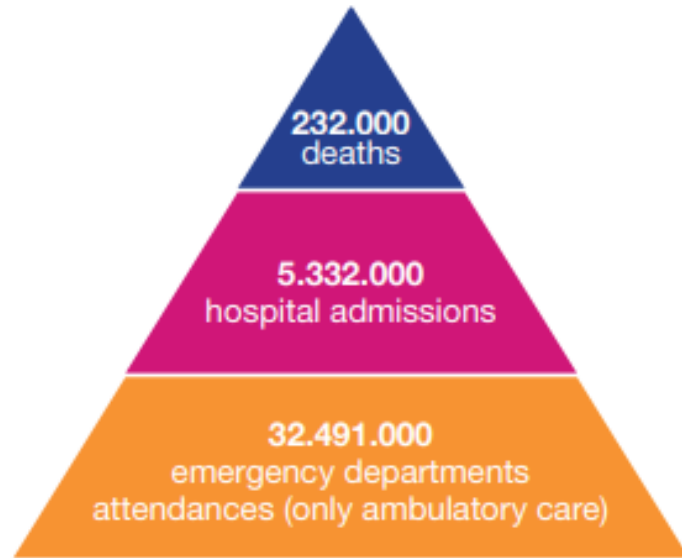
Introduction

- 6 million people seek medical help for burns annually.
- Yearly 180.000 deaths worldwide following burns.
- Most incidents in low- or middle-income countries.

(WHO, 2018)



Injuries in the European Union



- The injury pyramid for the European Union
- Estimated 38 Million injuries in the EU by severity
- *European Association for Injury Prevention and Safety Promotion (EuroSafe, 2016)*
- <https://www.eurosafe.eu.com/home>

Injuries in the European Union

Table 6.1: Estimated number of EU injury admissions by cause, age-group and gender

Cause/ Age+gender	0 - 14 years	15 - 24 years	25 - 64 years	65+ years	Males	Females	All
Road	51.437	116.886	339.935	114.017	395.900	217.733	622.275
Fall	288.652	130.121	834.640	1.399.485	1.141.189	1.482.385	2.652.898
Cut/Pierce	28.605	33.123	139.800	36.113	173.992	54.487	237.641
Poisoning	28.221	51.993	166.819	26.229	119.769	155.781	273.261
Burn/Scald	20.934	4.227	14.780	6.763	25.977	15.053	46.704
Other	116.412	119.497	419.067	202.949	567.380	321.770	857.924
Unknown	79.691	55.820	238.292	267.457	329.880	330.666	641.259
All Admissions	613.950	511.667	2.153.333	2.053.013	2.754.087	2.577.875	5.331.962

- Children (and elderly) at risk!

Injuries in the European Union

Figure 6.2: Injury admissions by cause (%)

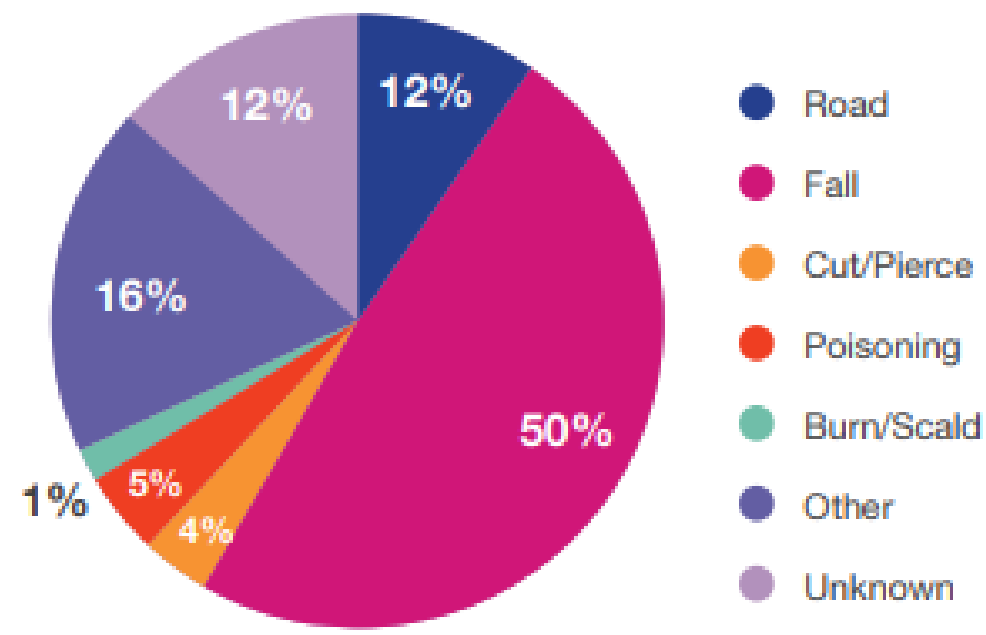
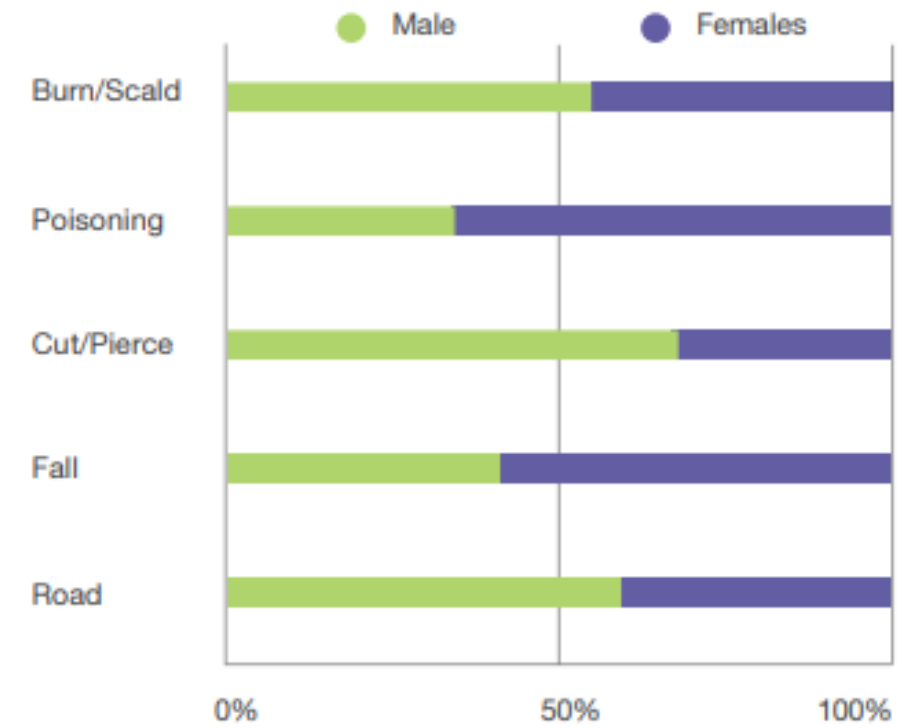


Figure 6.5: Gender shares of injury admissions by cause



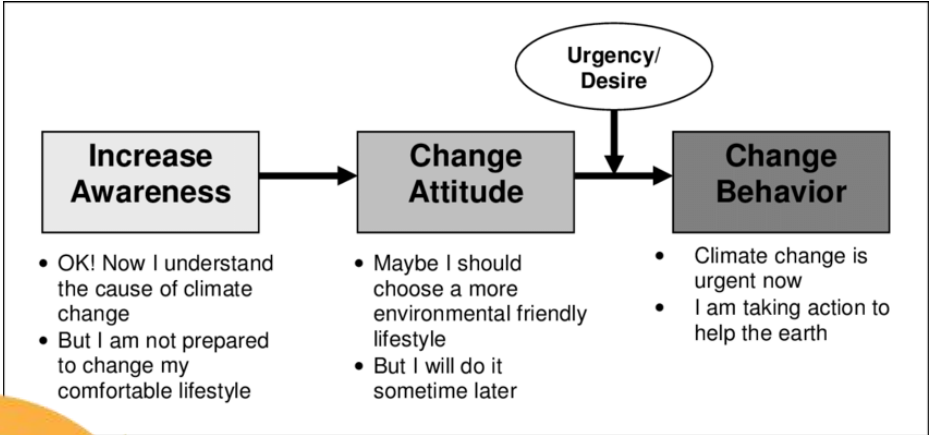
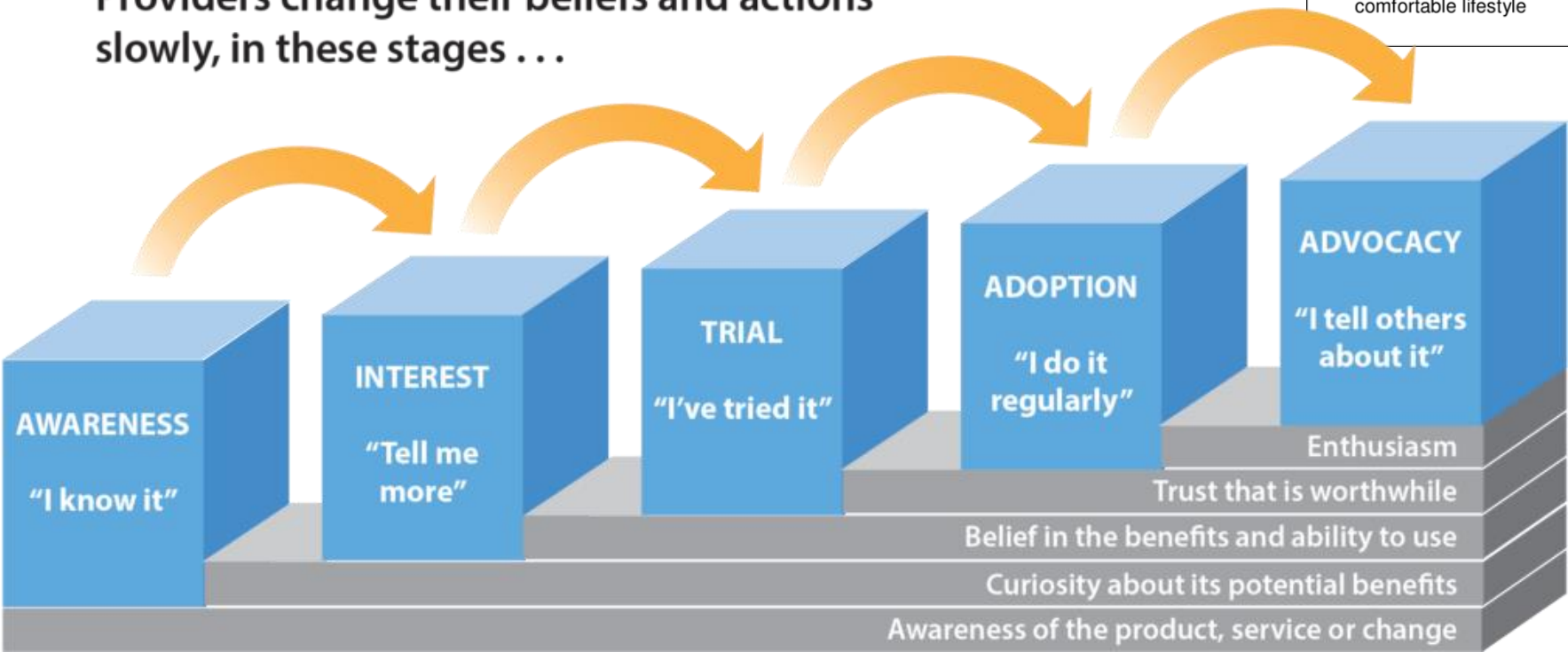


Increasing
awareness

A close-up, angled view of a clock face. The text "TIME FOR ACTION" is written along the curve of the clock face. "TIME FOR" is in black, and "ACTION" is in large, bold, red letters. The clock hands are visible, and the background is a gradient from dark to light.

Adoption Ladder Provider Behavior Change

Providers change their beliefs and actions slowly, in these stages ...



Increasing awareness – different methods

- Websites
- Educational materials: leaflets, brochures, booklets, posters,...
- National media campaigns
- Exhibitions
- School programs
- Holistic approach
- ...



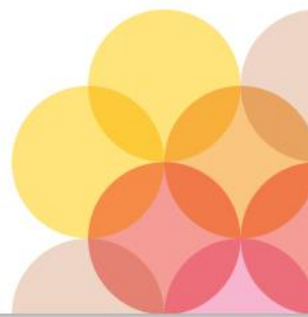
Increasing awareness – leaflets, posters,...



Hautstigma (CH)
www.hautstigma.ch

Feuer und Hitze
Tipps für Ihre Sicherheit

www.hautstigma.ch



**ONE CUP OF HOT LIQUID
CAN SCALD UP TO
30% OF A CHILD'S SKIN.**

BRANDHEALTH

Paulinchen (D)
www.paulinchen.eu

Protect your child from scalding!
For information, help and support,
visit www.paulinchen.eu

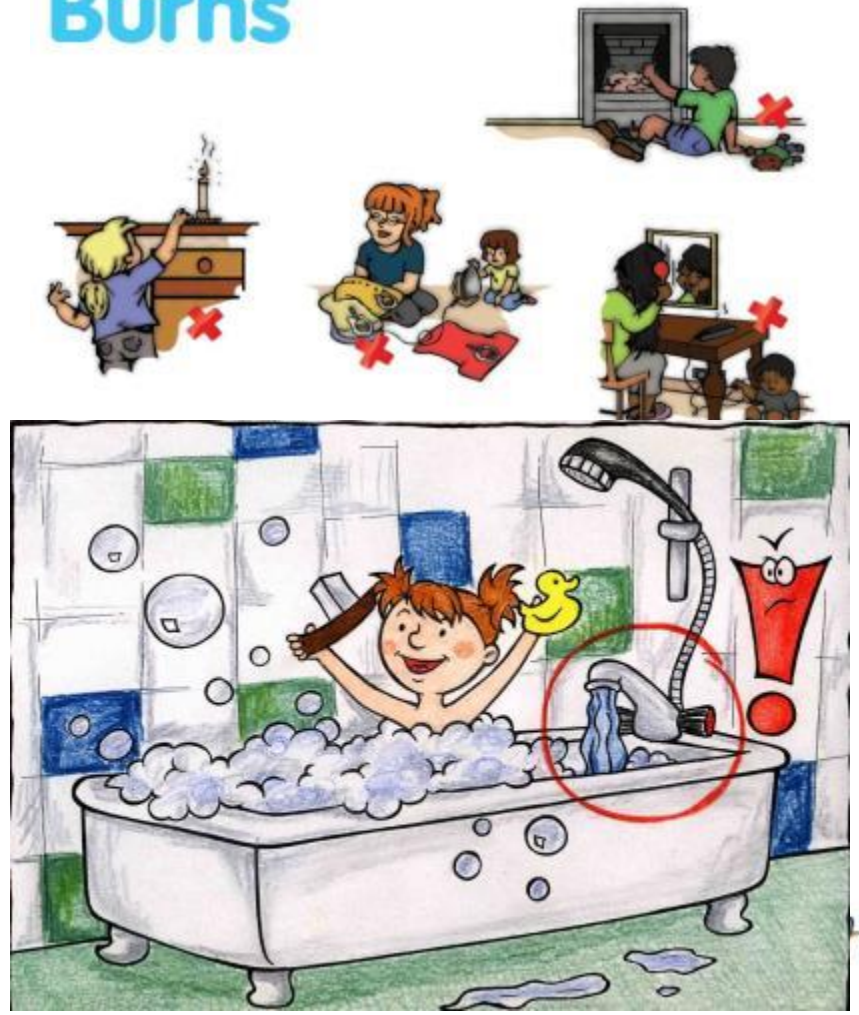
DONATION ACCOUNT:
Bank für Sozialwirtschaft AG
IBAN DE 54251205100008479400
BIC: BFSWDE33HAN





Community-based interventions

Burns



National Burn Awareness Day
14TH OCTOBER 2020
#BeBurnsAware

A BURN INJURY IS FOR LIFE

CBT  www.cbtrust.org.uk  www.britishburnassociation.org

**Preventing
Burns from Fire**

Keep matches, lighters, candles and chemicals out of sight, and out of reach of children.



Open flames like cooking fires, candles and paraffin lamps are dangerous. They should not be left unattended and children should not play near them.



Fires and flammable liquids are a dangerous combination. Avoid this method of lighting a fire

Extinguish all fires, candles, lamps, and heaters when leaving a room, house or before going to sleep.



The bedroom is not a safe place to smoke, especially in bed.

Avoid hanging clothes in front of fires or over heaters to dry.



**What to do
in the event of a fire:**



1. Get out and stay out.
2. Crawl low under the smoke to exit. Air is cleaner on the floor.
3. Call the emergency services.
4. What to do if your clothes catch alight:
 - **STOP**
 - **DROP** to the ground.
 - **ROLL** around to put out the flames.

A blanket or jacket may also help to smother the flames



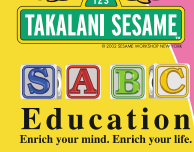
**Prevention is
better than cure:**



Keep spray cans, chemicals and other flammable substances away from heat and flames.

Install smoke alarms/ detectors in your home to increase your family's chances of surviving a fire.

Always have a bucket of sand or a fire extinguisher in the home (and do not use water on an electrical, fat or oil fire).



**Preventing Burns
from Fluids**

Keep electrical cords short and out of reach.



Always pour cold water first (and always test the temperature) when pouring water into a basin, bucket or bath.



Turn the hot water cylinder down to approximately 50 degrees Celsius.



Turn saucepan handles to the back on the stove to prevent hot liquid burns.

Place hot beverages (such as tea and coffee) safely in the centre of tables, out of children's reach.



**Preventing Burns
from Electricity**

Use safety plugs in wall sockets and fix faulty sockets or frayed electrical cords immediately.



Don't overload power points or run electrical wires under carpets. This could start a fire.



Increasing awareness - exhibitions

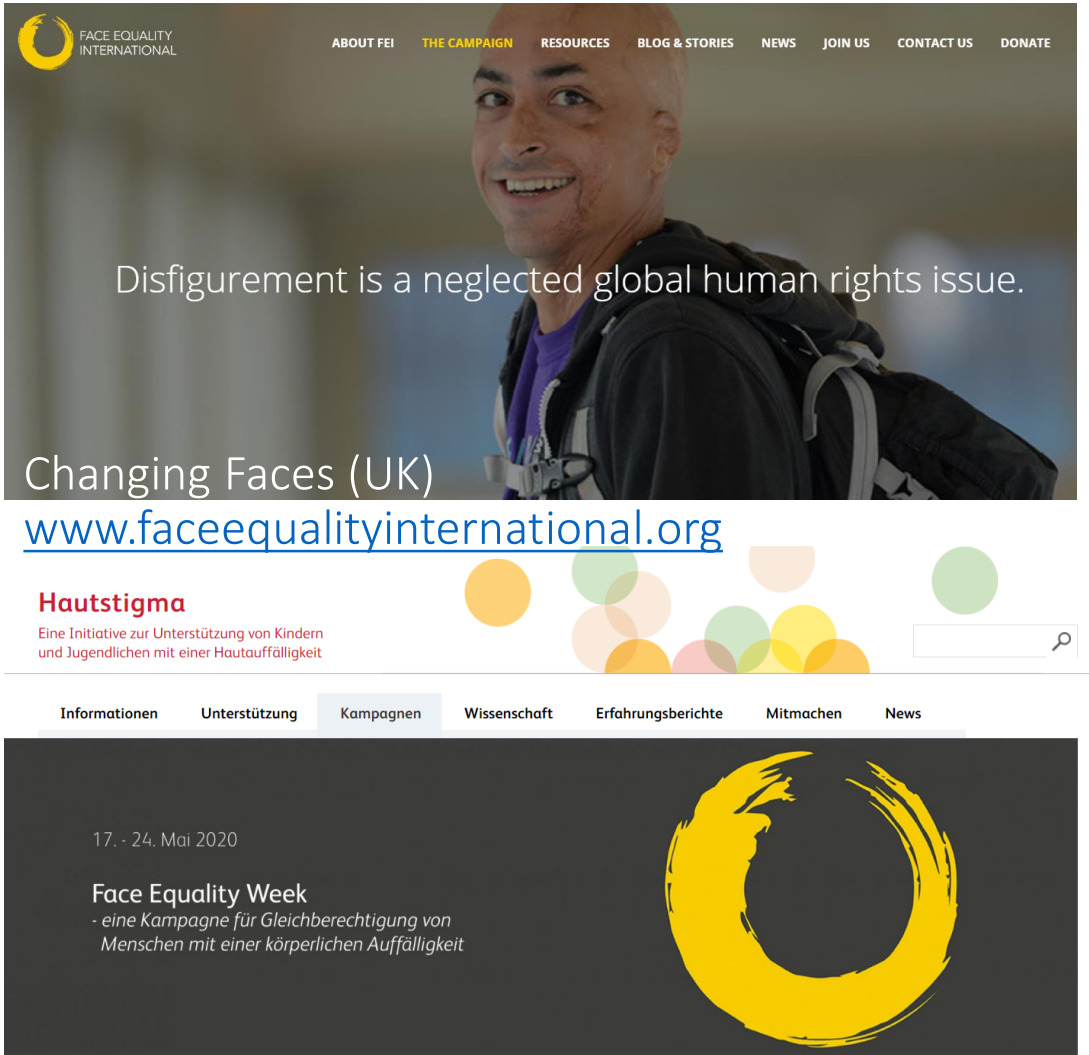


Marks of Pride and Beauty Marks (NL)
<https://www.facebook.com/marksofprideandbeauty>
Dutch Burns Foundation

Rewritten. About living with scars (B)
www.oscare.be/herschreven

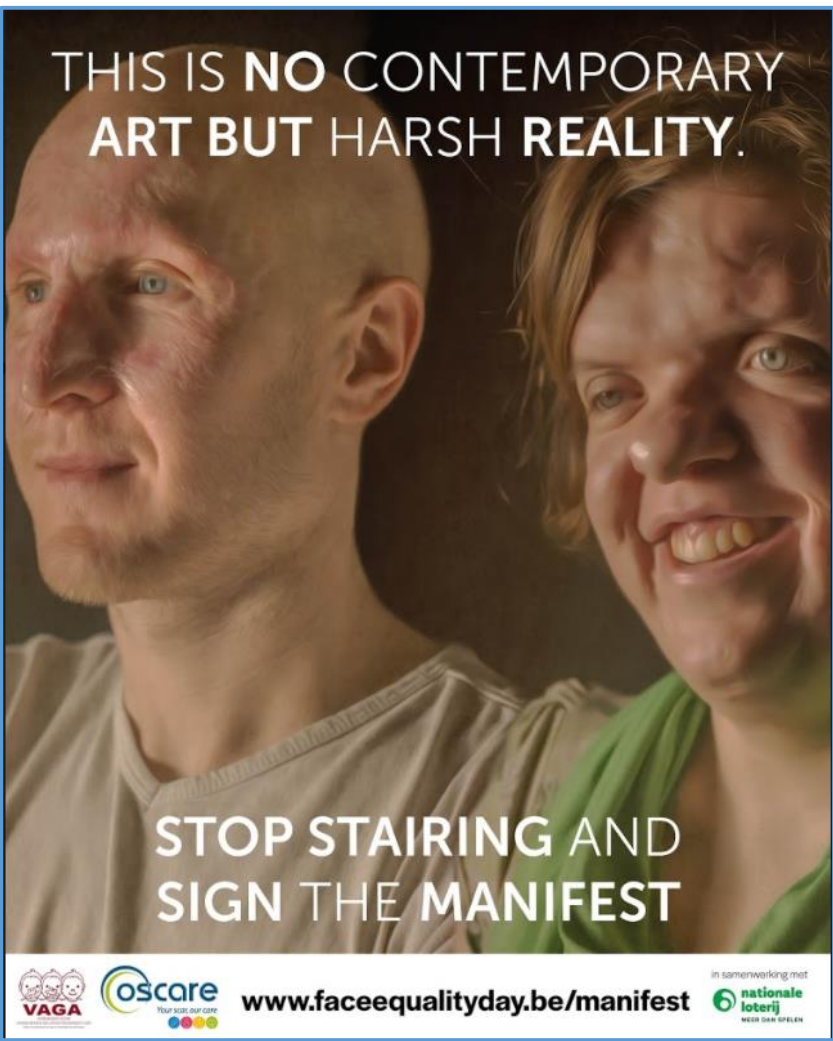


Increasing awareness – Face Equality



The screenshot shows the homepage of Face Equality International. At the top, there is a navigation bar with links: ABOUT FEI, THE CAMPAIGN, RESOURCES, BLOG & STORIES, NEWS, JOIN US, CONTACT US, and DONATE. The main header features a smiling man with a backpack and the text: "Disfigurement is a neglected global human rights issue." Below this, it says "Changing Faces (UK)" and provides the website URL www.faceequalityinternational.org. Further down, there is a section for "Hautstigma" (Skin Stigma) described as an initiative to support children and young people with visible skin conditions. A search bar is also present. At the bottom, a banner for "Face Equality Week" (17-24 May 2020) is displayed, with the tagline "eine Kampagne für Gleichberechtigung von Menschen mit einer körperlichen Auffälligkeit" (a campaign for equality of people with a physical difference). A large yellow circular logo is on the right side of the banner.

Face Equality Week (CH)
<https://www.hautstigma.ch>



The poster features two individuals: a man with a visible facial scar and a woman with a visible facial scar. The text at the top reads: "THIS IS NO CONTEMPORARY ART BUT HARSH REALITY." The text at the bottom reads: "STOP STAIRING AND SIGN THE MANIFEST". At the bottom left, there are logos for VAGA and Coscare. At the bottom right, there is a logo for "nationale loterij" (national lottery) with the text "in samenwerking met" (in cooperation with). The website URL www.faceequalityday.be/manifest is prominently displayed in the center.

Face Equality Day (B)
www.faceequalityday.be




Increasing awareness – Media campaigns



Close the door (B)
www.doededeurdicht.be
www.fermezlaporte.be
www.machdieturzu.be



Increasing awareness – digital platforms

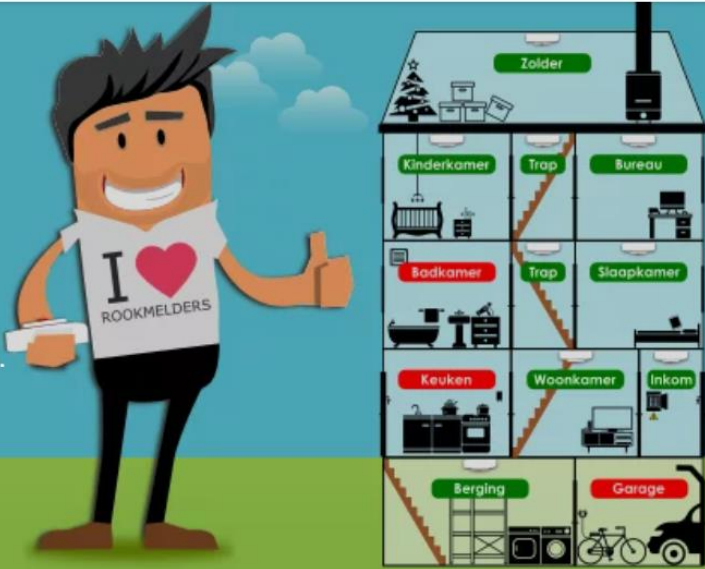


BRANDVEILIG LEVEN VOORLICHTINGSVOERTUIGEN OVER LEEFBRANDVEILIG ▾ NIEUWS ▾ CONTACT SHOP 🔍




Heb jij al rookmelders hangen?


Bij brand heb je maar maximum 3 minuten om buiten te geraken.

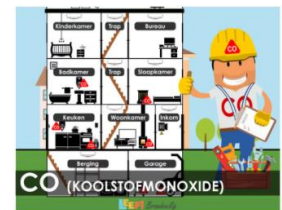
Lees meer



Volg ons







Samen kunnen we komen tot minder brandwonden en meer brandveiligheid

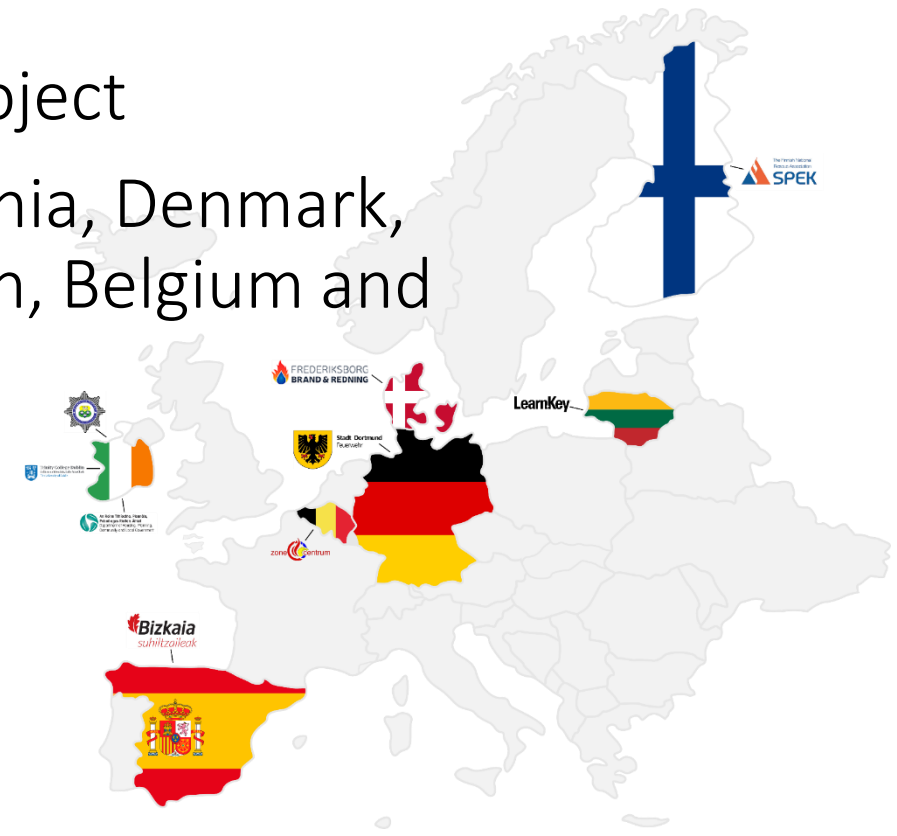
www.leefbrandveilig.be



Increasing awareness – School programs



- Erasmus+ project
Ireland, Lithuania, Denmark,
Germany, Spain, Belgium and
Finland



 **Erasmus+** Funded by the Erasmus+ programme of the European Union

BFireSafe@School

<https://www.bfiresafeatschool.eu>

No Panic!



A rescue and fire safety skills education
campaign for eight graders (15-y.o.)

<https://nouhata.fi/en/>



- Fire Safety Weeks (Fi)

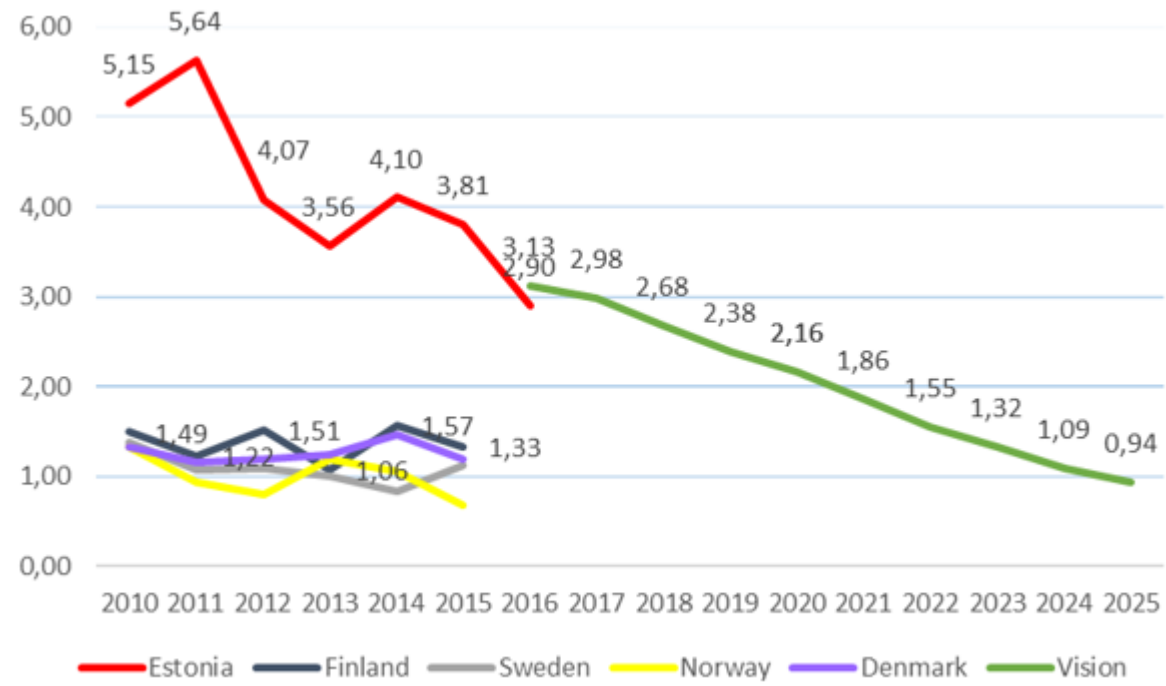


Increasing awareness – Movie Fire Safety Week: You Act First





Increasing awareness – Holistic approach



The number of fire deaths per 100,000 population in Estonia and comparison countries

EVAPREM (Estonia, Latvia, Lithuania, Denmark and Finland)

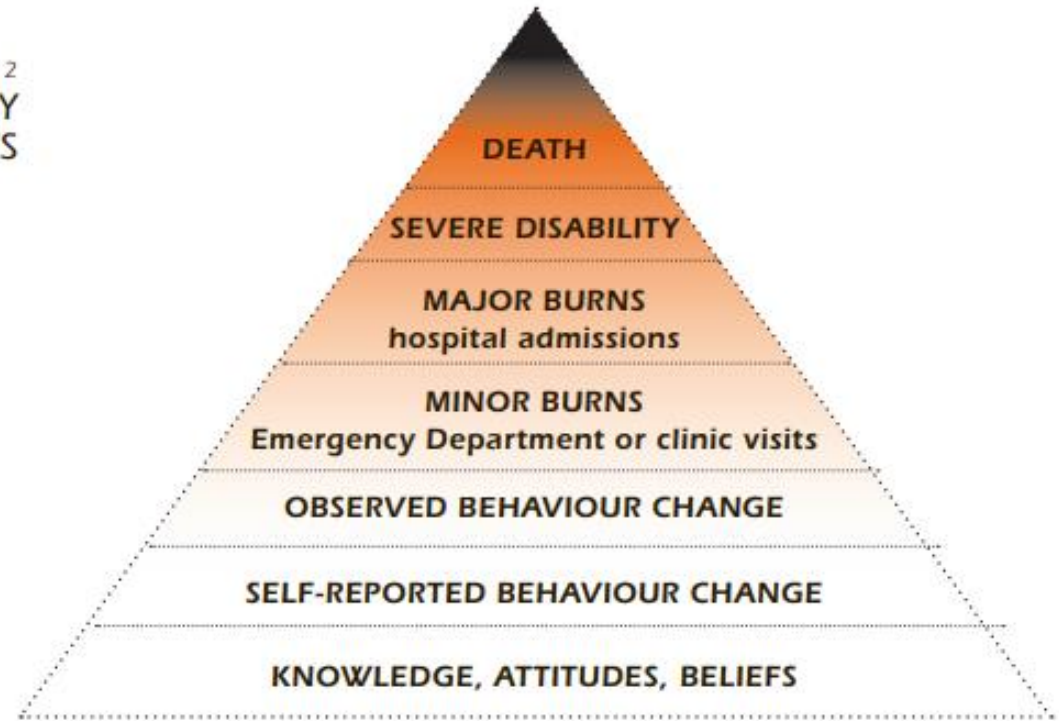
<http://www.evaprem.eu>

- EVAPREM (2017-2018) – European consortium
- ERB prevention strategy draws from the *New Public Governance* model, which seeks to employ private sector management techniques in the public sector, as well as co-production with citizens.
- 3 types of prevention activities: informing, teaching and consulting

Final thoughts on

- Assess needs
- Programme Planning
- implementation
- ... and evaluation

Annex Figure 2
HIERARCHY
OF OUTCOMES



Welcome to the European Burns Association

The European Burns Association (EBA) is a non-profit organisation to promote burn prevention, to study the prevention of burn injury and all other aspects of burn treatment.

[Read more](#)[Become a member](#)

Junior Exchange Programme of the European
Burns Association

Submission closed

[Read more](#)

8-11 SEPTEMBER 2021
19th EBA congress

[Visit website](#)

Take home messages

- (At least 50% of all) BURNS accidents ARE PREVENTABLE
- Severe burn injuries (requiring hospitalization) still occur often and have a high impact on morbidity and mortality. In some countries, a decreasing incidence is noted over time.
- Half of the patients are younger than 16 years, and up to 60-75% of the victims are male patients (except in the elderly population).
- Flame burns and scalds are the most frequent causes of burns among all age groups.
- Mortality varies considerably among different populations (range, 1.4% to 34%, with a decreasing trend over time), and clearly correlates with an increasing mean total burned surface area.
- National and international registration of epidemiologic data of populations with burn injuries should be promoted. Consensus definitions (for example, inhalation injury) are, however, obligatory to compare different populations and will subsequently improve burn care.
- Burns- and fire-prevention DOES matter!



Thank you!



Prevention
European Burns Association

Questions?