



Sustainable way for CLGE events (but not only)

Theme for workshop



The World Cleanup Day?

What!?





Our Story

- Started and Organized by Estonia 2018
- Let's do it, World campaign
- <https://www.worldcleanupday.org/>



157
countries

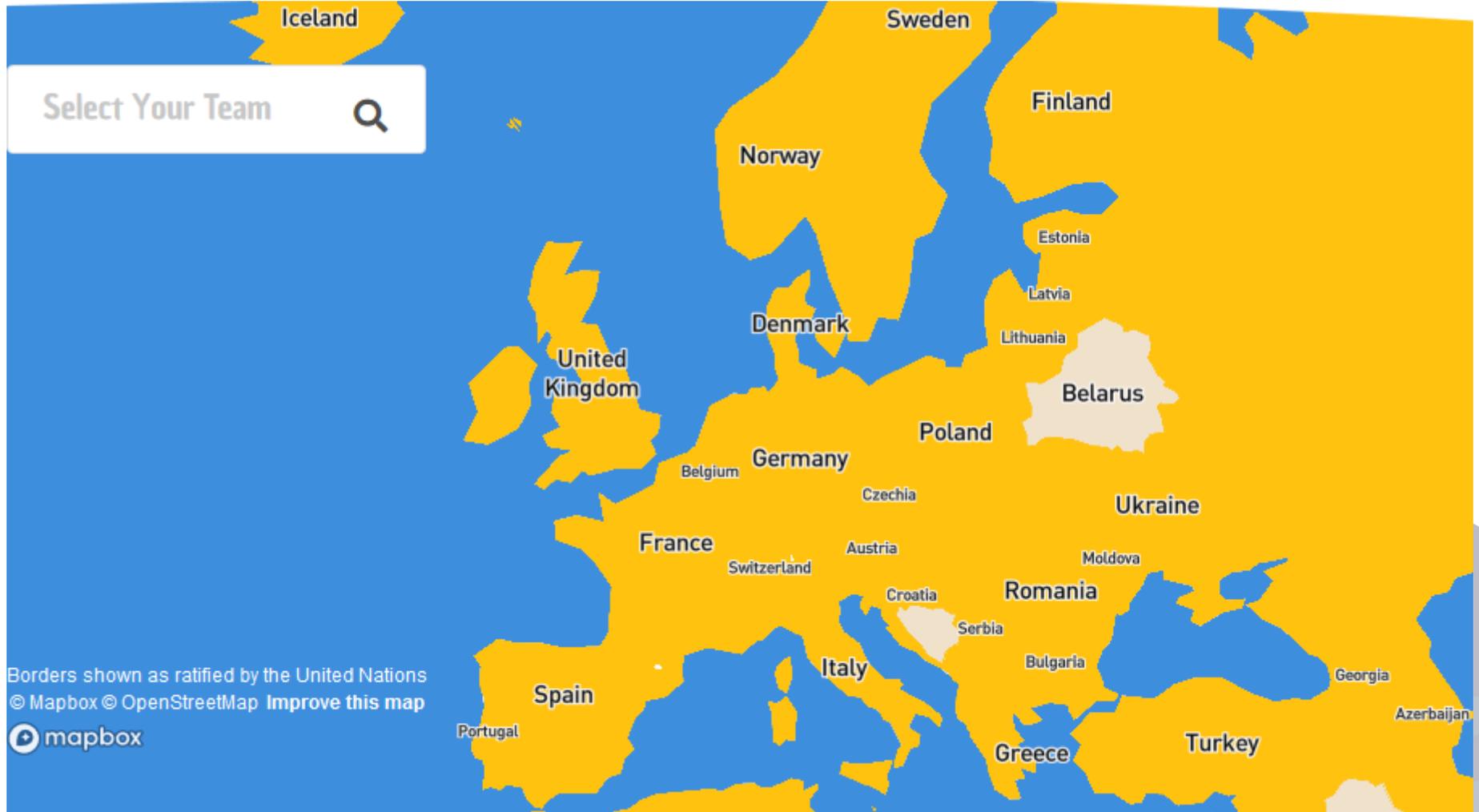


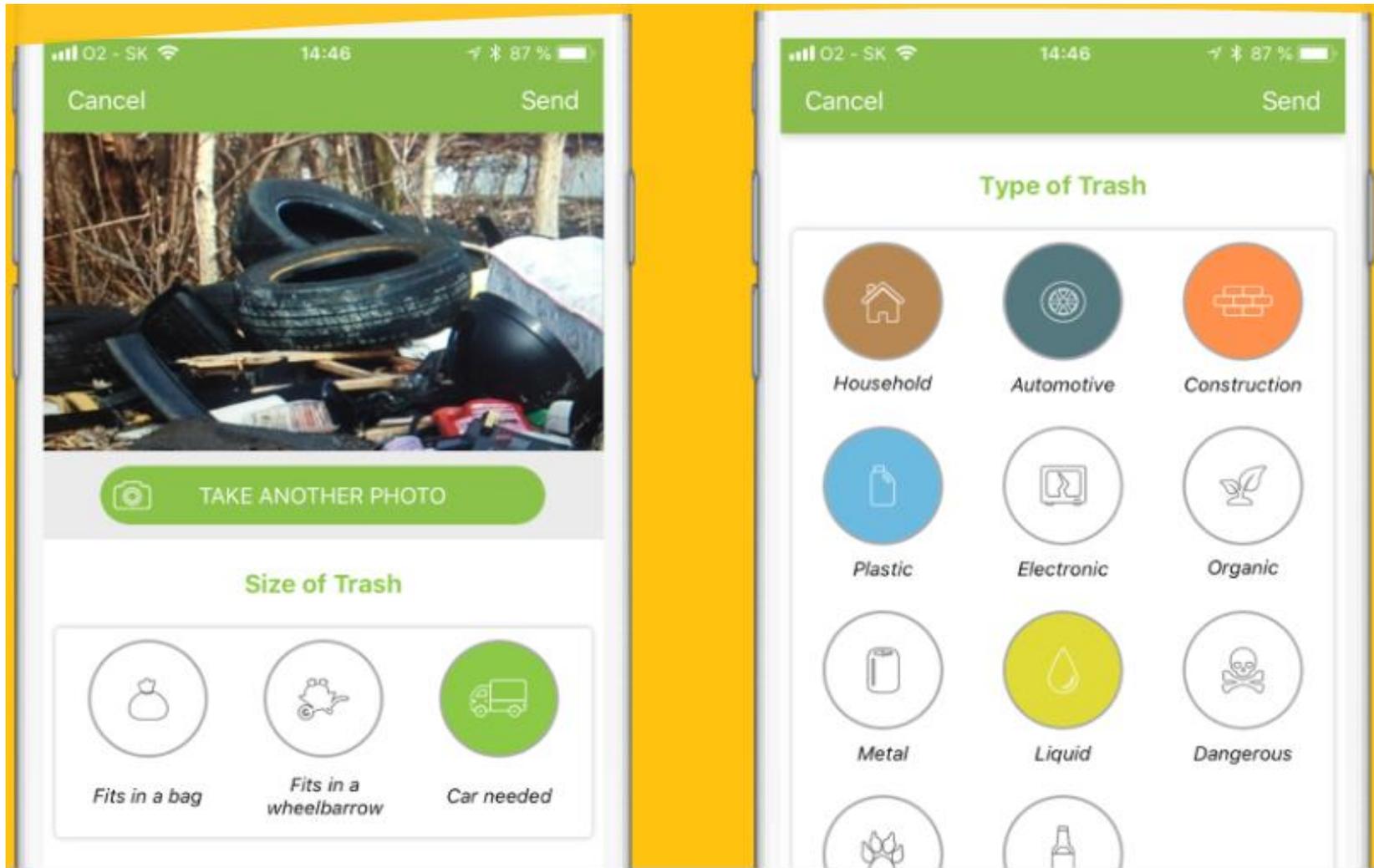
18 million
volunteers



1 day to
clean up our
planet







Trashout app to map trash



World Cleanup Day 2019 started in the **island of Fiji** and ended 24 hours later in **Hawaii**. Cleanups were organised on all continents, including the **Arctic**, where a group of cruise operators along with passengers put aside their binoculars, rolled up their sleeves and collected litter from the Arctic beaches to combat marine plastic pollution.

In Hawaii, the American singer-songwriter Jack Johnson led a cleanup that highlighted the amount of microplastic on the Hawaiian beaches.

This year **millions of cigarette butts** found their way into trash bags and several countries chose to highlight the prevalence of cigarette butts on our streets and nature. In **Estonia**, 900,000 cigarette butts were collected, mostly **by students and kindergarten (!) children**.

In France, Italy, Belgium and the Netherlands cigarette butts featured heavily as well.

Along with picking them up, the local teams educated the public through media on the harms of cigarette butts, that are often believed to be biodegradable.

Plogging – picking up trash while jogging – was another popular theme this year.

Crown Princess Victoria of Sweden joined a plogging group in Sweden and running groups across the **UK, Czech Republic and Netherlands** amongst others chose this sporty way of picking up trash.

Despite a difficult security situation in **Afghanistan**, a group of climate enthusiasts still organised a cleanup in Kabul. But they went further– they built a tower of all plastic collected and paraded it through the city to raise awareness of plastic pollution in the country.

The biggest earthquake in 30 years hit **Albania** while 100,000 people were out in the streets and nature cleaning.

Despite the fires, more than 9 million people came out to clean across **Indonesia**



What can CLGE do?

A more sustainable way of life and events of
the organization

The detailed reports can be found on
www.cbs.dk/sustainability/resources

SUSTAINABLE EVENT GUIDE

An inspirational guide to making
your event more **sustainable**

CBS



COPENHAGEN BUSINESS SCHOOL
HANDELSHØJSKOLEN





FOOD AND CATERING

Vegetarian meals

Replacing meat-based meals with vegetarian meals is both an effective and easy way to reduce the environmental impact of your event catering. **Page 9**

Water supply

Consider the duration and number of participants at your event to determine which water supply option will be more sustainable. **Page 10**

Minimising food waste

Plan your catering around the number of participants who have indicated that they will attend the meals and donate leftover food to a homeless shelter or another charitable organisation. **Page 13**

Dining out

Choose restaurants that focus on organic food, vegetarianism or some other sustainable concept to show event participants how sustainable cooking can taste. **Page 13**

WASTE REDUCTION

Sorting waste

Ensure that the waste sorting efforts have been coordinated with the relevant departments in your organisation so that the sorted waste ends up being disposed of correctly. **Page 14**

Reuseable tableware

Using reusable ceramic or porcelain tableware is a much more sustainable option than disposable tableware because it can be used again and again. **Page 16**

Name tags

Encourage participants to return their name tags and lanyards after the event so they can be reused for later events, and make sure to order name tags in sustainably sourced materials. **Page 17**

Reducing paper use

Consider what needs are served by the different instances of paper use at your event, and then consider alternative ways to satisfy that need. **Page 17**

GUESTS AND VISITORS

Sustainable businesses

Giving sustainable businesses a platform to showcase their products and practices helps drive sustainable change and shows support for their sustainable visions. **Page 20**

Presenters

Prioritise filling your event programme with speakers from your local area who won't need to travel long distances or by plane. **Page 21**

Transportation

Encourage attendees to avoid flying whenever possible, and when it cannot be avoided, ask them to consider ways to reduce the environmental impact of their flight. **Page 21**

Accommodation

Encourage your event participants to choose a sustainable accommodation option and to consider the ways they can reduce their environmental footprint during their stay. **Page 22**

PROCUREMENT

Green decorations

With rented potted plants, you have more freedom to choose plants that fit the ambience and decorative purposes. **Page 24**

Organic cotton products

For events that require event specific apparel or other cotton products, order the products from a sustainable supplier. **Page 24**

Speaker gifts

Sustainable speaker gifts can be treats, experiences, gift cards, or donations in the speaker's name. **Page 25**



LIFE CYCLE ASSESSMENTS

For the Sustainable Consumption Conference, the organisers allied themselves with a group of students from the Technical University of Denmark (DTU) in order to identify the most sustainable solutions for the conference. The detailed reports can be found on www.cbs.dk/sustainability/resources.

The DTU students conducted life cycle assessments (LCAs) to determine which water supply and catering options would be most sustainable from a cradle-to-grave perspective.

WATER SUPPLY

The LCA for the conference's water supply compared three different options: reusable glass bottles, single-use cardboard cartons, or single-use plastic bottles. The glass bottle was more sustainable for the four day event where it would be used many times.

The LCA results showed that after seven uses, the glass bottle is the most sustainable solution when compared to both the cardboard and plastic options.

FOOD CONSUMPTION

For the catering, a vegetarian and a meat-based menu were compared. The LCA examined food ingredients, transportation, cooking processes and waste treatment.

By switching to the vegetarian menu, the environmental footprint of the conference's catering was reduced by 44 percent compared to the meat-based option. Additionally, the LCA identified impact 'hot-spots', such as berries imported from the US.





How to reduce CO2 footprint during Your travels? Transportation

- If possible, don't fly short and medium distances, use train or bus connections if overall travel time is not much longer (incl getting and waiting's in the airports)
- Prefer direct flights even if price can be higher. Take-off and landing uses more fuel then cruising
- If possible, use public transport for local journeys; it is cheaper and mostly safe, efficient and convenient
- 1...2 km is a walkable distance, taxi is not an obligation
- If taxi cannot be avoided, try to share with others
- If taxi cannot be avoided, ask for local taxi company using electrical cars, they're in many cities



Food, drinks

- Prefer local food and drinks - less transportation footprint
- Avoid overeating, that happens often during travels, because dishes are mostly delightful. It's also better for Your health
- Avoid food and drinks in packages for single use (incl water, coffee)
- In many places tap water is good enough to drink
- Drink less coffee - large footprint, 99% of grown organic goes to waste, big footprint on transportation
- Avoid eating in the aircraft, it's package consuming. Average meal during the flight creates 25 pieces of garbage.



Accommodation

- Prefer hotels with responsibility to the environment
- No need to change towels every day
- Avoid useless spending of electricity (lights, tv, extra heating / cooling etc.)
- Sort Your garbage





Work

- Use less paper, don't print everything
- Try to replace physical meetings with virtual ones
- Avoid mass-post of large size content data; try to keep such work online. Multiplying large files takes lot of server memory, which has ecological footprint





Leisure

- If possible and necessary, connect Your vacation trips with business trips. Tourism has large footprint.
- Do not buy souvenirs, if You are not sure about the necessity. If You should buy, prefer real local (not fake local) products.
- Avoid taking too many videos, they are taking more and more server space, this footprint is rapidly growing.



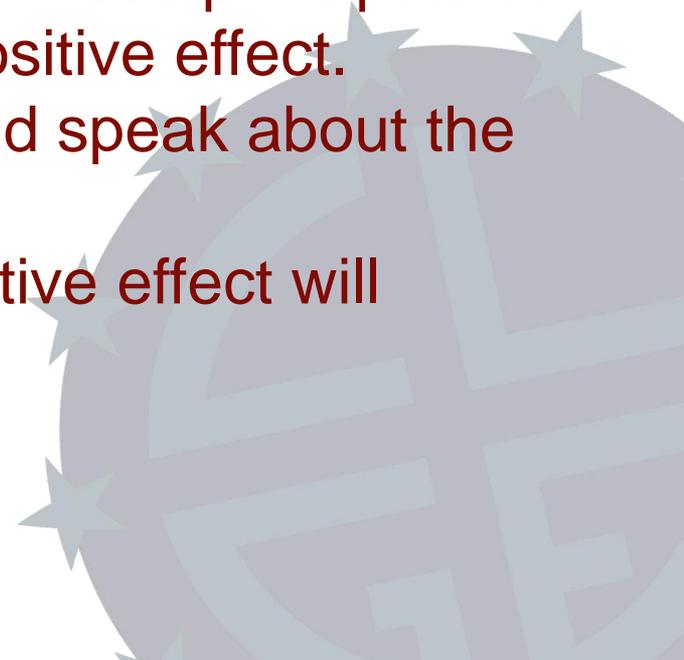
Organizers

- Avoid using places, difficult to arrive (flights with several changes, impossible to access without taxi etc.).
- Optimize transportation during the event, promote sustainable local transport solutions.
- Don't overload Your guests with meal
- Less paper or souvenirs in the Conference bags or do not use it at all. 90% of this content is useless for participants.
- Create the possibility and engage more people to participate through virtual channels



Social

- Think about the environment in all Your actions. Obtain this way of thinking for whole life.
 - The main part of footprint is generated during daily life – home, work etc. If You follow these principals at home, then it gives much more positive effect.
- Be good example with Your habits and speak about the environmental issues
 - If others will start to care, the positive effect will multiply





The **Council** of European Geodetic Surveyors

Comité de Liaison des Géomètres Européens



Calculate Your footprint

CALCULATE OFFSETTING BUSINESSES INFORMATION

CARBON CALCULATOR

Carbon Footprint Calculator For Individuals And Households

www.carbonfootprint.com

This carbon calculator is provided free to use





My personal footprint

Your Carbon Footprint per Year:

4.50 tonnes of CO ₂ e	House
1.48 tonnes of CO ₂ e	Flights
5.48 tonnes of CO ₂ e	Car
0.26 tonnes of CO ₂ e	Bus & Rail
2.76 tonnes of CO ₂ e	Food and drinks
2.06 tonnes of CO ₂ e	Hotels, Pubs, etc.
1.72 tonnes of CO ₂ e	Secondary

Total = 18.55 tonnes of CO₂e

Your footprint is 18.55 tonnes per year

The average footprint for people in Estonia is 14.85 tonnes

The average for the industrial nations is about 11 tonnes

The average worldwide carbon footprint is about 4 tonnes

The worldwide target to combat climate change is 2 tonnes



The Council of European Geodetic Surveyors
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Thank You!

