CARBON FOOTPRINTS FOR KIDS

WHAT - carbon footprint tracker for classroom projects

WHY - learning more about climate change in a personal and enjoyable way

HOW - calculate and visualize the footprint and reward small improvements

Basic Features:

1. ask for user name and register/check in (to make carbon footprint personally trackable over time and compare with other users); no password required

connect the user with others to form a group (e.g. classroom, school,

2. choose between calculate new footprint‚ add activity and view track record

3. calculate carbon footprint

footprint-1 start button

footprint-2 get answers in 4 categories (food, travel, home, stuff; source: footprint.wwf.org)

footprint-3 calculate footprint and save in database

footprint-4 display footprint and compare with classmates and friends

footprint-5 display ways to improve footprint and earn badges (e.g. take the bike, buy local seasonal food, convince parents to switch to renewable energy)

footprint-6 go back to home

add activity

activity-1 display possibilities and accept choice (e.g. take the bike, buy local seasonal food, convince parents to switch to renewable energy)

activity-2 display badge and add to personal profile

activity-3 go back home

view track record

track record-1 show track record and comparison with classmates and friends