

# ENERGY EFFICIENCY EXPERT PROJECT: FOOTPRINT REPORT

MAY 2021 - Project Number: 2020-1-IT01-KA202-008375

## AVERAGE FOOTPRINT OF EEE PARTNERSHIP MEMBERS



**15 APRIL 2021**  
EEE partnership  
EARTH OVERSHOOT DAY

**3,6** NUMBER OF EARTHS  
We would need it if the world population lived like the EEE partnership.

Earth Overshoot Day marks the date when humanity's demand for ecological resources and services in a given year exceeds what Earth can regenerate in that year.

**1,7** WORLD POPULATION VALUE

**29 JULY 2021**  
world population  
EARTH OVERSHOOT DAY

BIOCAPACITY PER PERSON

ECOLOGICAL FOOTPRINT PER PERSON

BIOCAPACITY RESERVE(+)  
DEFICIT(-)

ECOLOGICAL FOOTPRINT

impact of a person or community on the environment, expressed as the amount of land and sea required to support their use of natural resources.

EEE PARTNERSHIP MEMBERS

1,6  
gha

5,8  
gha

-4,2  
gha

WORLD POPULATION

1,6  
gha

2,8  
gha

-1,2  
gha

BY CONSUMPTION CATEGORIES



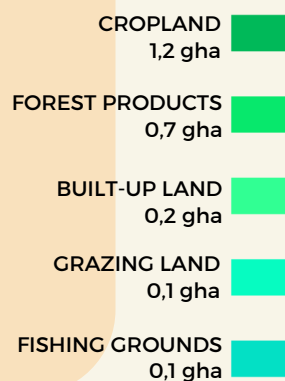
ECOLOGICAL FOOTPRINT PER PERSON

**5,8**  
gha

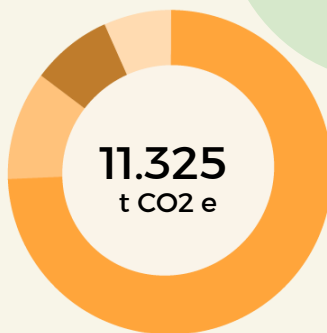
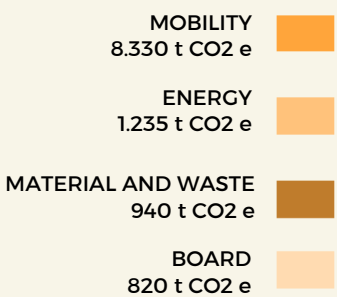
EEE PARTNERSHIP MEMBERS

BY LAND TYPE

CARBON FOOTPRINT 3,5 gha = 10,2 t CO<sub>2</sub> e



## CARBON FOOTPRINT OF EEE PARTNERSHIP ORGANIZATIONS



A carbon footprint is the total greenhouse gas (GHG) emissions caused by an individual, event, organization, service, place or product, expressed as carbon dioxide equivalent.

11.325 t CO<sub>2</sub> e

/ 1.165 FTE =

**9,7**

t CO<sub>2</sub> e / FTE

as much ton of CO<sub>2</sub> eq as 10 flights London-NewYork



## FOCUSING IN ICT

As virtual relations are not tangible, we are led to believe that they do not generate impact on the planet. With ICT carbon footprint calculator we can detect both our footprint related to energy consumption in virtual activities and technological equipment.

IT EQUIPMENT & IT RELATED CONSUMABLES

338\*  
t CO<sub>2</sub> e

INTERNAL DATA MANAGEMENT & COMPUTING

109\*  
t CO<sub>2</sub> e

EXTERNAL DATA MANAGEMENT & COMPUTING

3\*  
t CO<sub>2</sub> e

\*value considering 1.165 Full Time Equivalent (FTE) from the six partners institutions

## CALCULATORS



<https://eeexpert-project.eu/>



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## PROJECT PARTNERS

- Politecnico di Torino
- Coopération Bancaire pour l'Europe
- Emphasys Centre
- Institut "Jožef Stefan"
- Politeknika Ikastegia Txorierrri
- P-Learning

