



Linda Mustajärvi, University of Jyväskylä

[Linda.j.mustajarvi@jyu.fi](mailto:Linda.j.mustajarvi@jyu.fi)

Paavo Ojanen, University of Helsinki

Kari Minkkinen, University of Helsinki

Reijo Hokkanen, Metsähallitus

Atte Moilanen, LUOMUS

Janne Kotiaho, University of Jyväskylä



KONE FOUNDATION

## BIODIVERSITY & CLIMATE OFFSET OF ECCB2018 CONGRESS



# Keskeiset havainnot

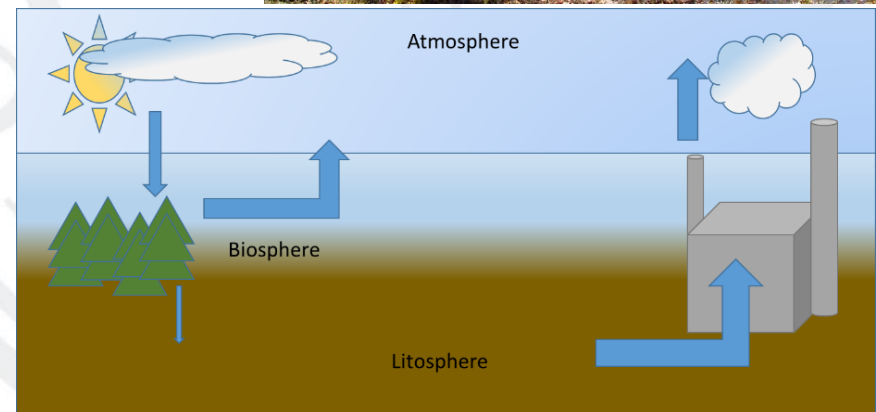
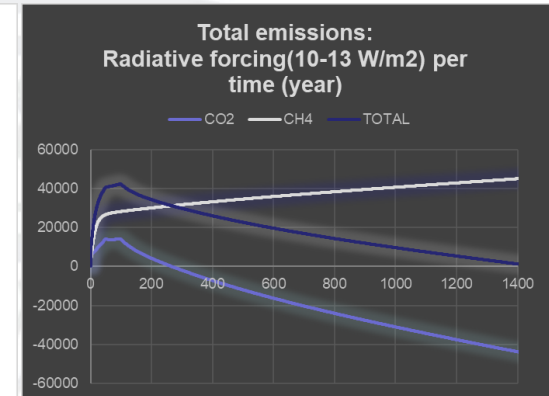
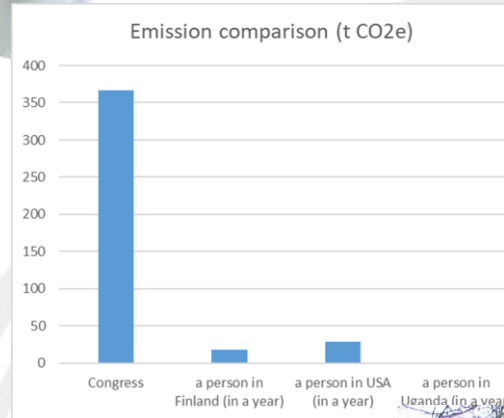


1. Ekologinen kompensatio =  
ilmastokompensatio +  
monimuotoisuuskompensatio

2. Vaikutusten arviointi vaikeaa.  
Osa haitoista osittaisia.

3. Metsätalouuskäyttöön ojitetun  
boreaalisen suon ennallistaminen ei tuota  
tehokkaasti ilmastohyötyjä

4. Ilmastokompensatioiden haaste:  
hiiliyhdisteet litosfääristä yritetään  
kompensoida biosfäärissä





Linda Mustajärvi, University of Jyväskylä

[Linda.j.mustajarvi@jyu.fi](mailto:Linda.j.mustajarvi@jyu.fi)

Paavo Ojanen, University of Helsinki

Kari Minkkinen, University of Helsinki

Reijo Hokkanen, Metsähallitus

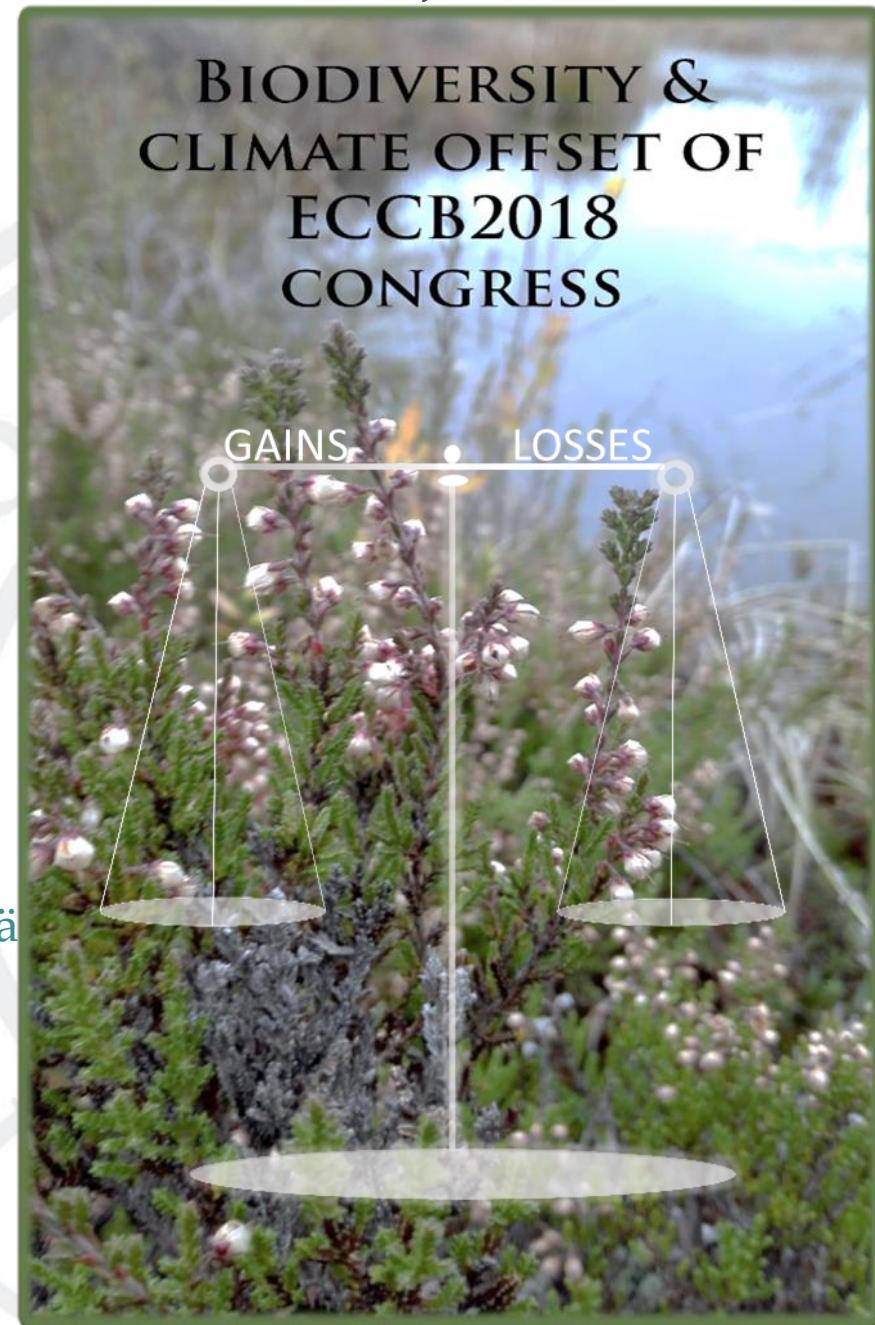
Atte Moilanen, LUOMUS

Janne Kotiaho, University of Jyväskylä



KONE FOUNDATION

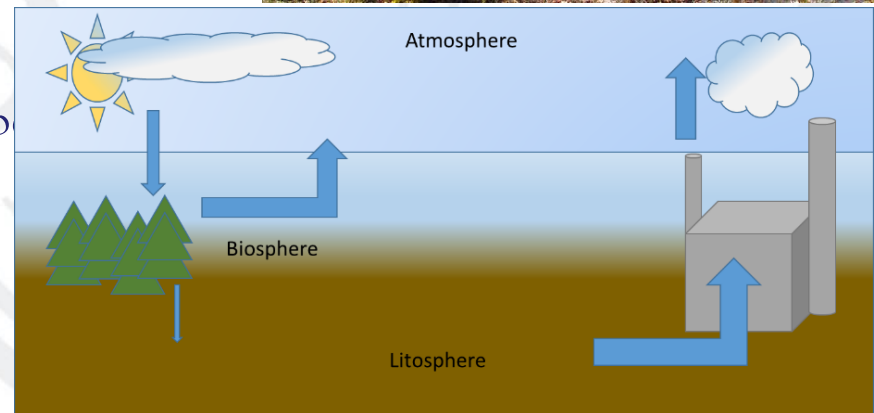
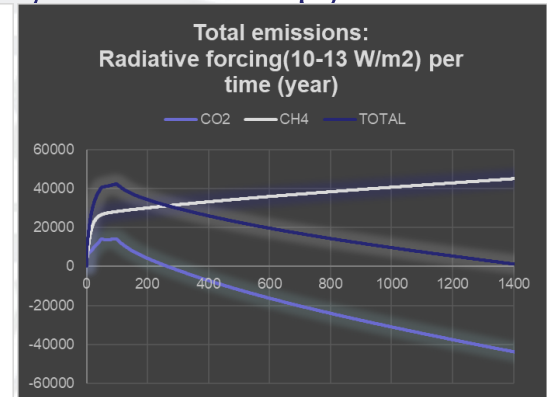
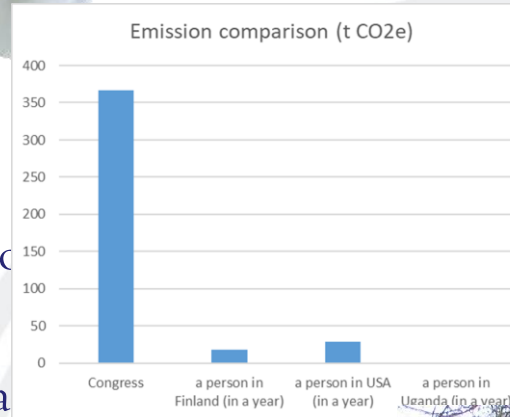
## BIODIVERSITY & CLIMATE OFFSET OF ECCB2018 CONGRESS



# The key findings



1. Ecological offset = Climate offset  
Biodiversity offset
2. The losses are hard to estimate  
of the losses are partial, only few of them  
are additional
3. Restoration of forestry-drained boreal  
peatland is not efficient target for the  
climate gains.
4. The main challenge in the climate  
offsets: carbon is taken from the  
litosphere and tried to offset in bioshp



# The key findings

1. Ecological offset = Climate offset + Biodiversity offset
2. The losses are hard to estimate. Some of the losses are partial, only few of them are additional
3. Restoration of forestry-drained boreal peatland is not efficient target for the climate gains.
4. The main challenge in the climate offsets: carbon is taken from the lithosphere and tried to offset in biosphere

