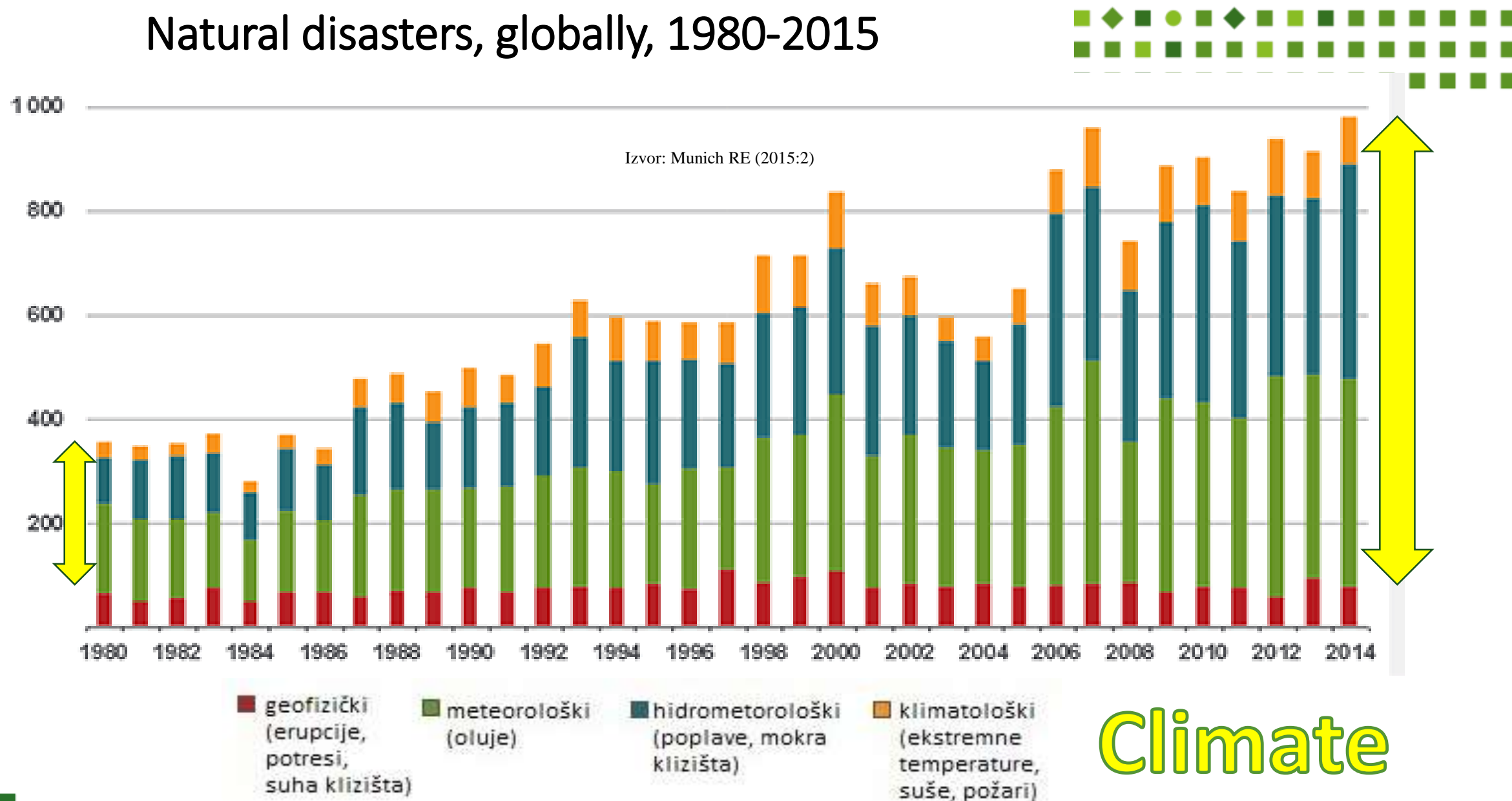


# Climate challenges in South Eastern Europe

- a justice and sustainability lifebelt

**Mladen Domazet**  
([mladen@ipe.hr](mailto:mladen@ipe.hr))

# Natural disasters, globally, 1980-2015



Source: Munich RE (2015:2)

Climate  
related



# Climate change and social inequalities

- Europe and SEE: reduction of **food production** and **food self-provisioning**
  - Poorer people harder hit
- **Extreme weather** and change in climate patterns: poorer harder hit
- **Flooding** and maladaptation: lasting damage and exclusion from aid for rural poor, food and water supply contaminated

*„I am no prophet, but I think something is different [about the climate] from when I was 15...”*

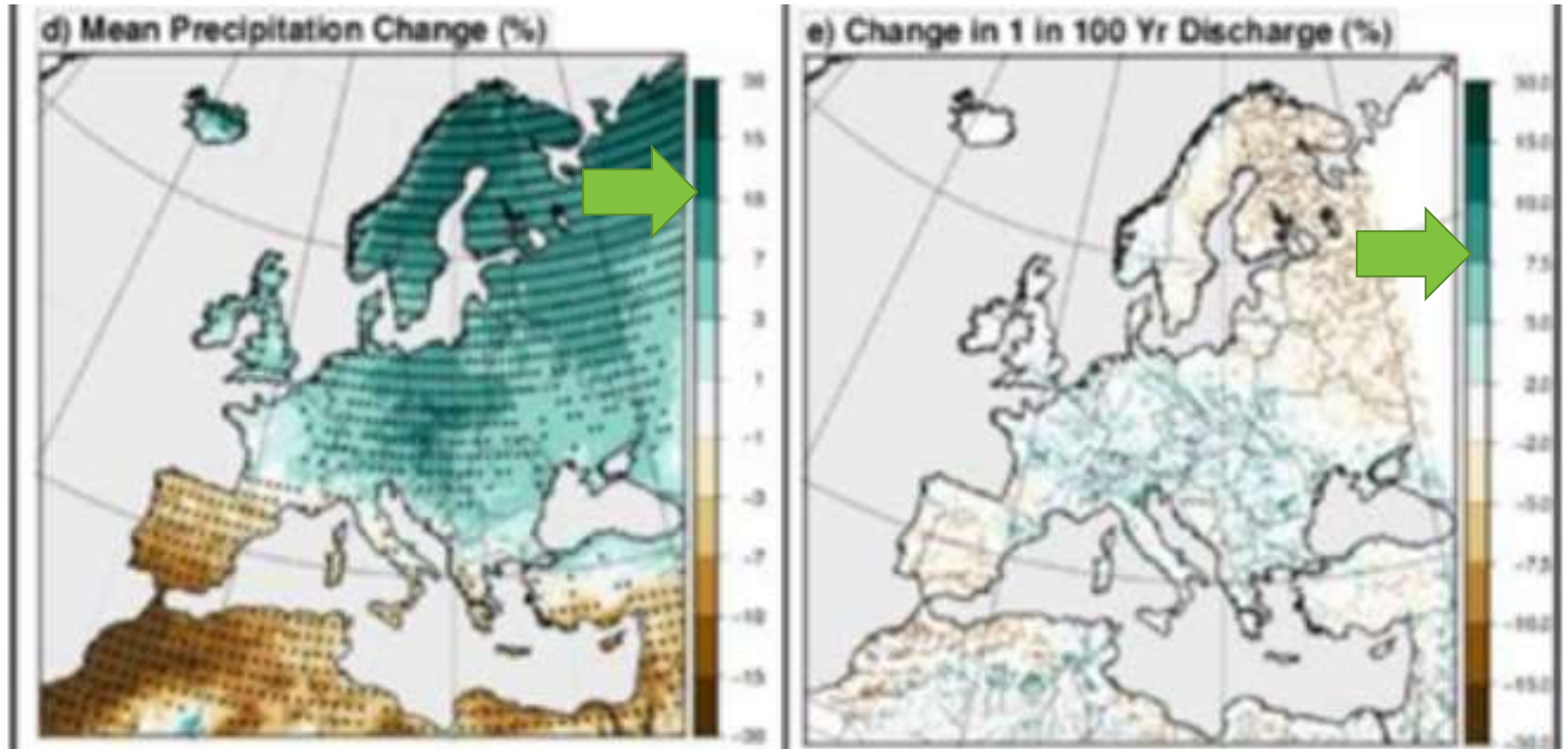
*„...this flood, this is climate change doing its thing, we can't fight any more, see it's flooding all the time...”*





# IPCC AR6 – *forthcoming*– change in flood risk to 2050 (precipitation and 100-year discharge)

Flooding enhances inequalities and *through maladaptive recovery* solidifies the injustice. (Župarić-Ilić, 2017; Kešetović et al., 2017; Efendić, 2018; Puđak, 2019)





Worry too much about environment over jobs (%)

disagree)

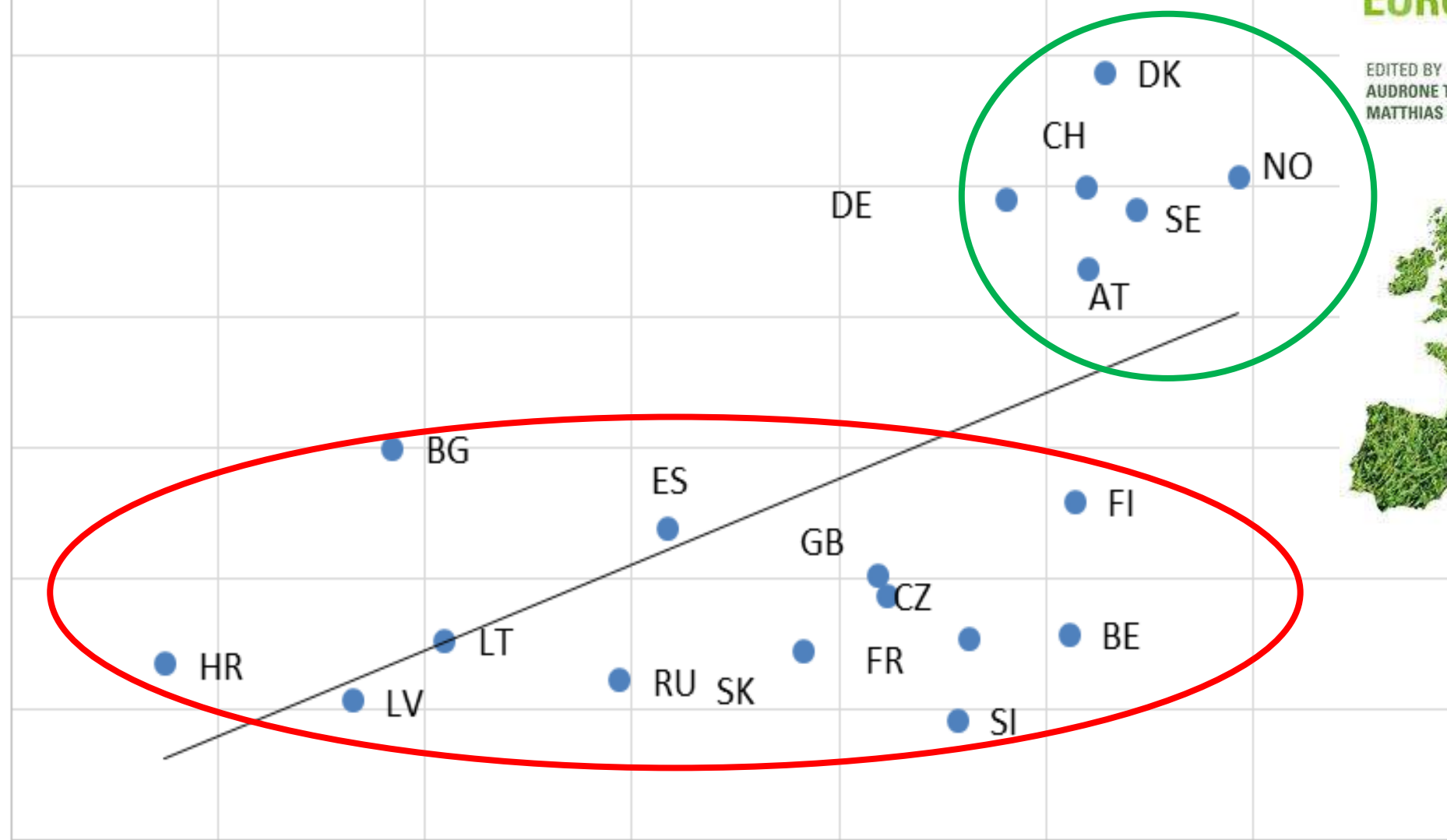
60,0%  
55,0%  
50,0%  
45,0%  
40,0%  
35,0%  
30,0%  
25,0%

0,500 0,550 0,600 0,650 0,700 0,750 0,800 0,850

Inequality-adjusted Income Index

**GREEN  
EUROPEAN**

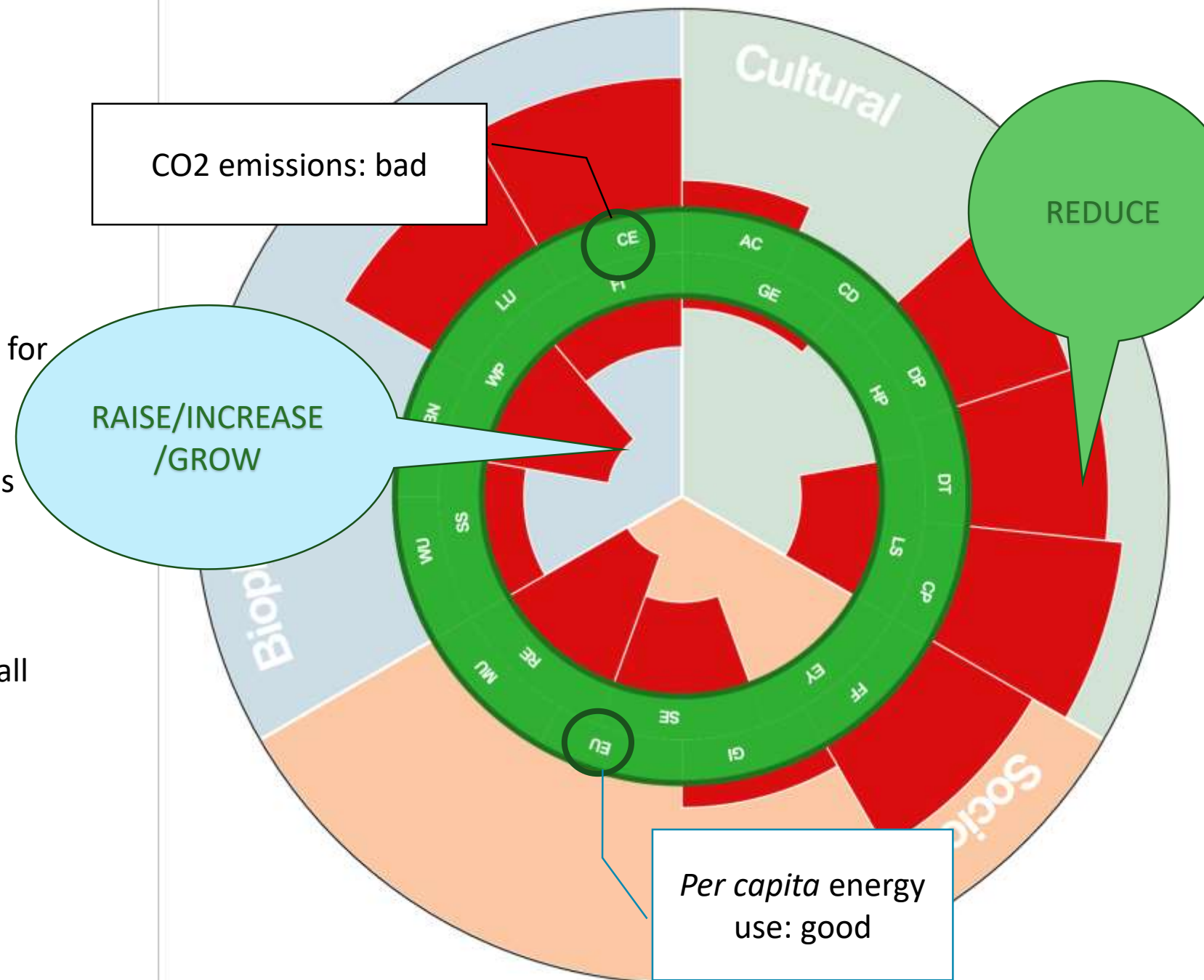
EDITED BY  
AUDRONE TELESIENE  
MATTHIAS GROSS



Domazet and Ančić (2017)

# Lifebelt, doughnut, donut, devrek...

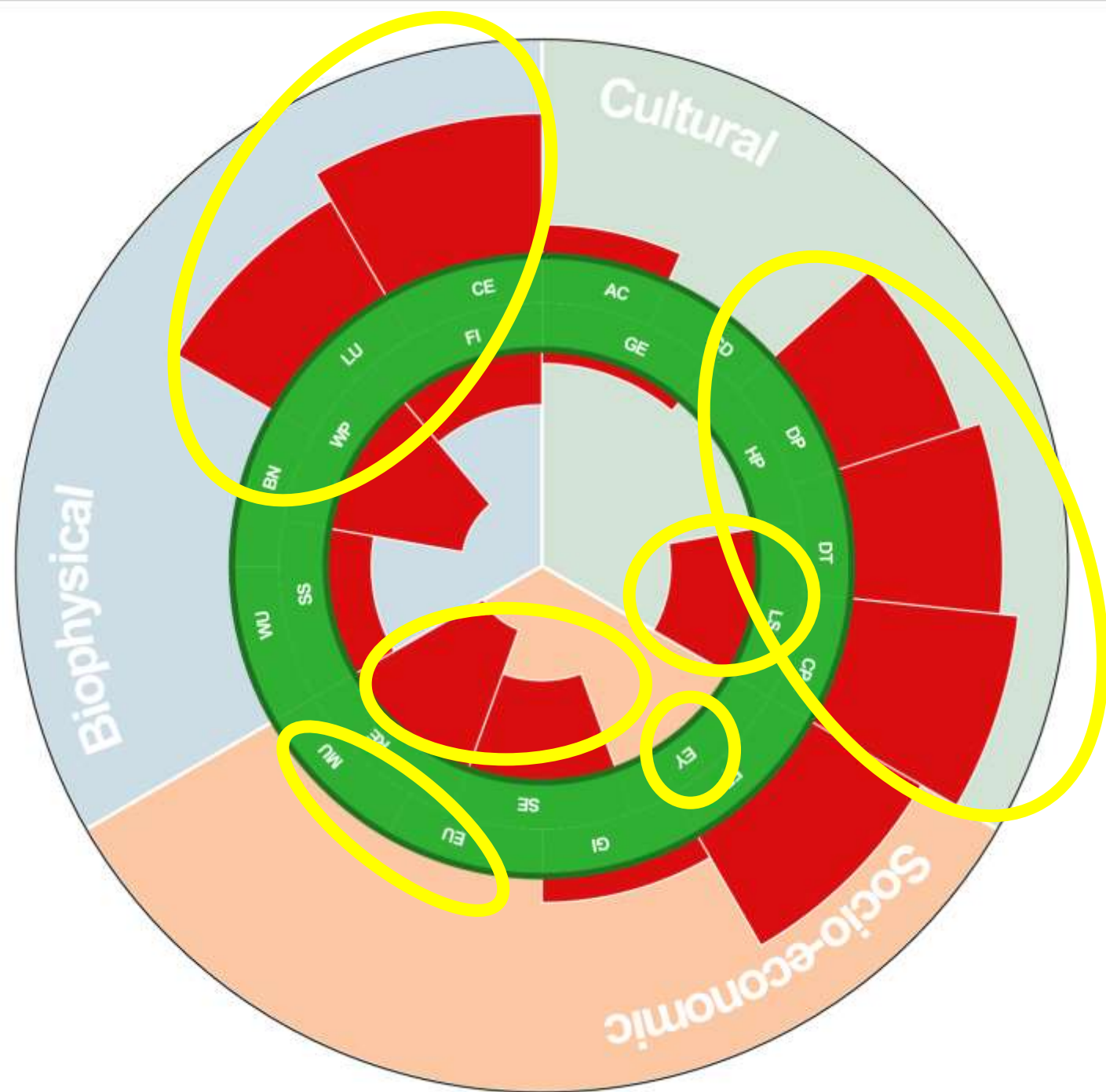
- Reduce burdens on current reproduction, increase potentials for wellbeing/emancipation
- Red wedges indicate the comparative size of transgressions and shortfalls
- Quantified relative to agreed BOUNDARIES and THRESHOLDS
- Sustainability transition: remove all red wedges → return the jam to green donut



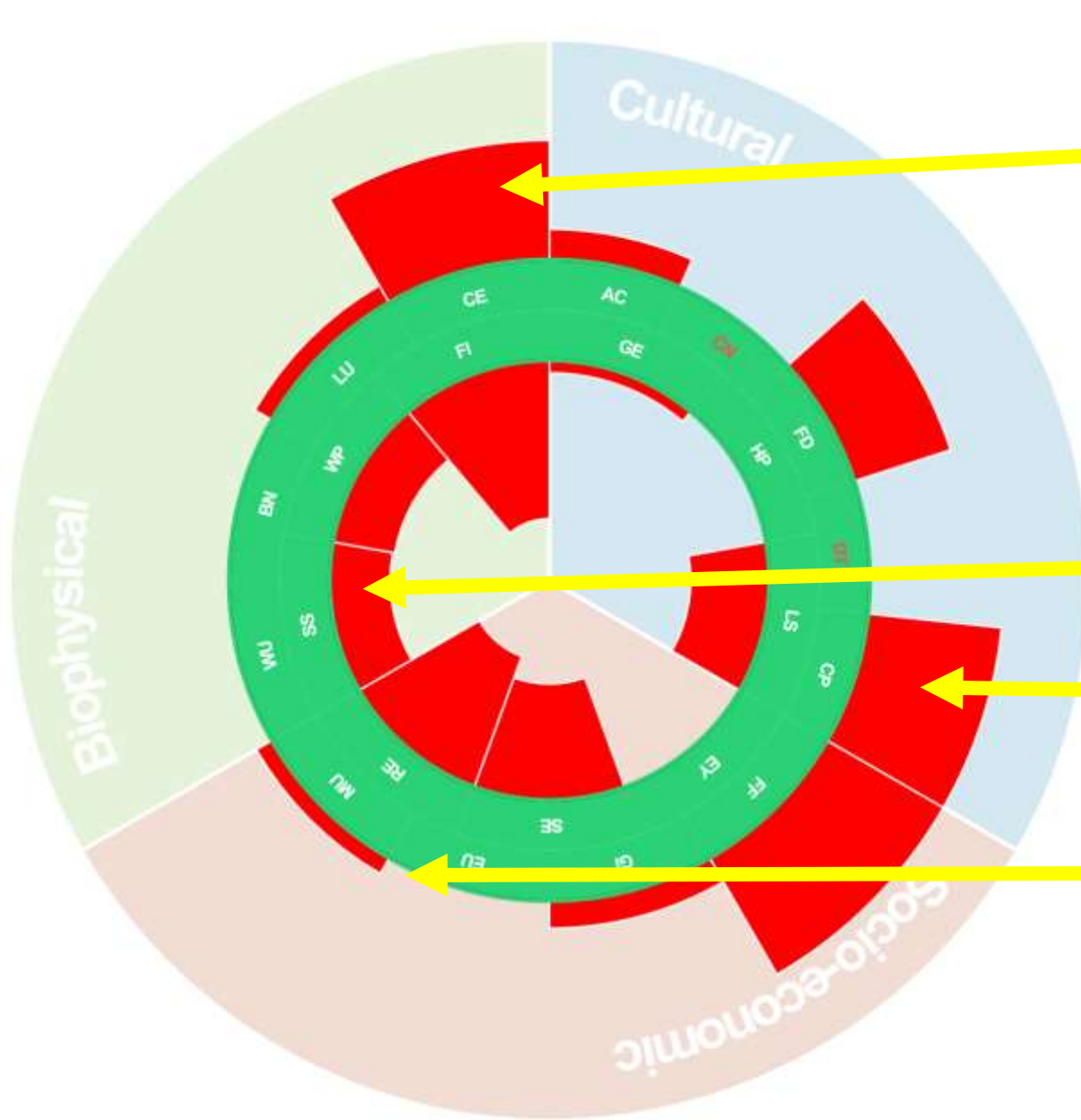


# A just climate resilience...

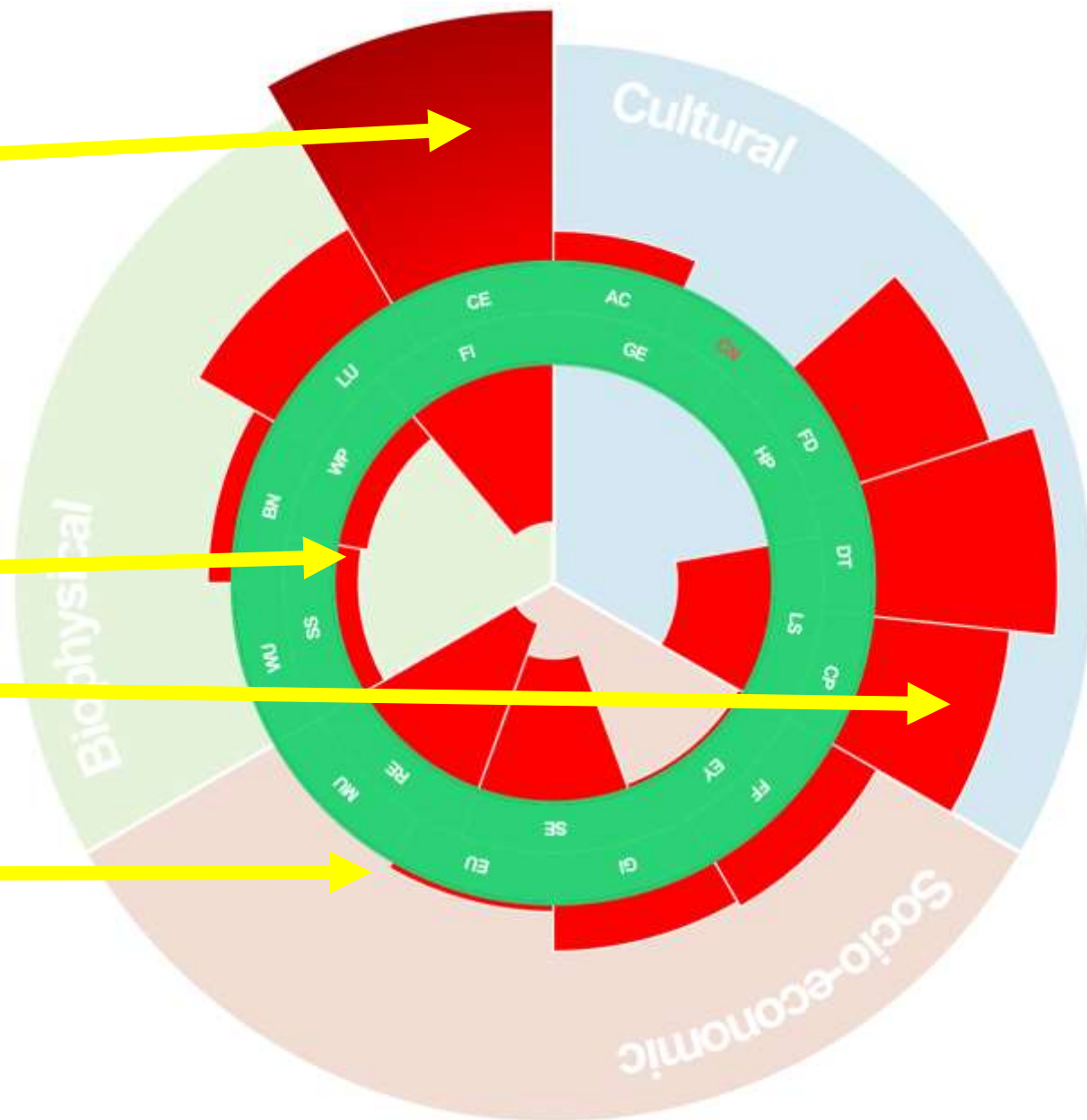
- Nature (biophysical): carbon emissions and land-use change
- Culture (politics): corruption and distrust
  - Low life satisfaction
- Socio-economic infrastructure: low volume of material and energy use
  - Decent educational chances (duration...)
  - Great poverty and dirty energy







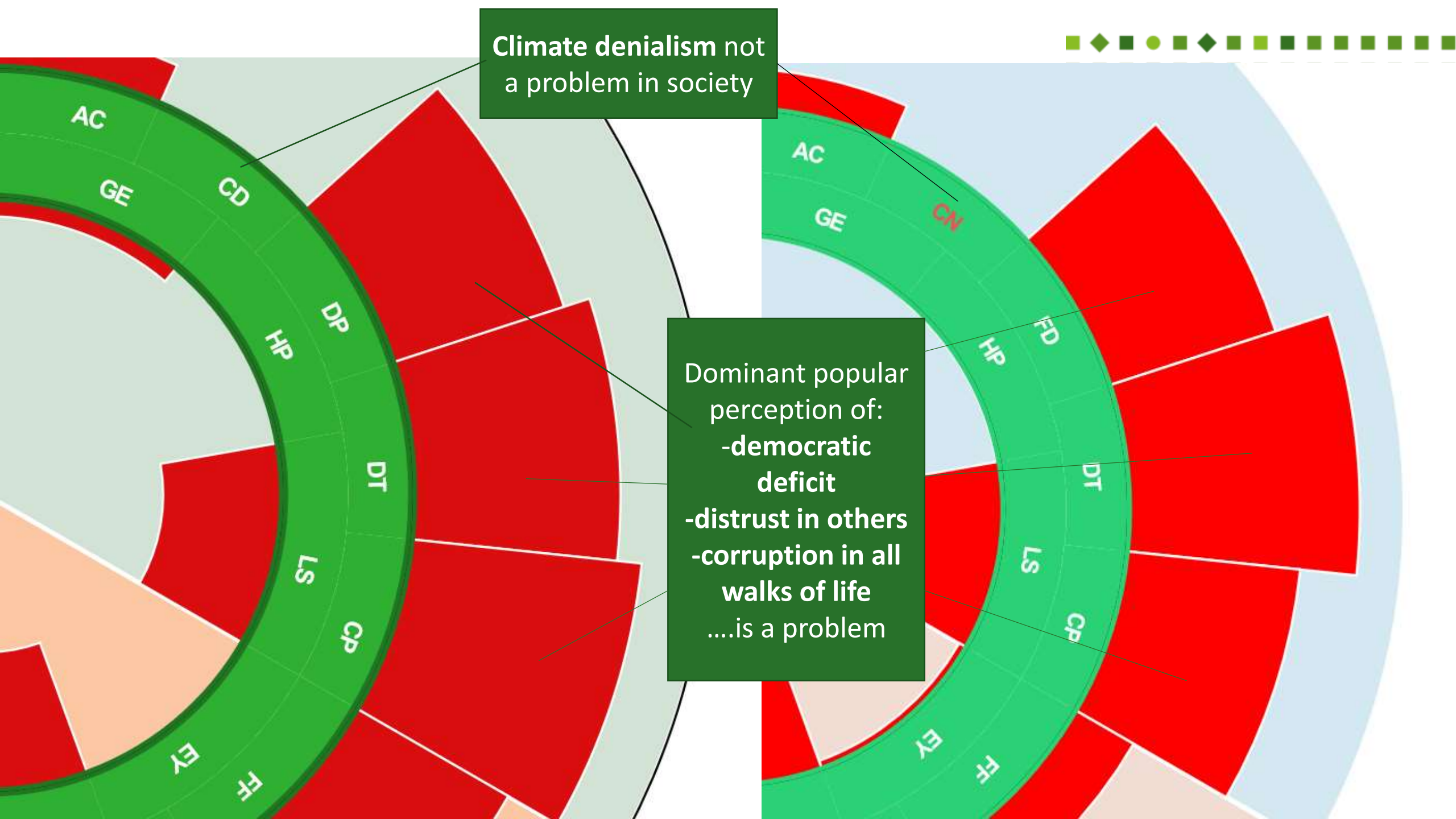
Croatia

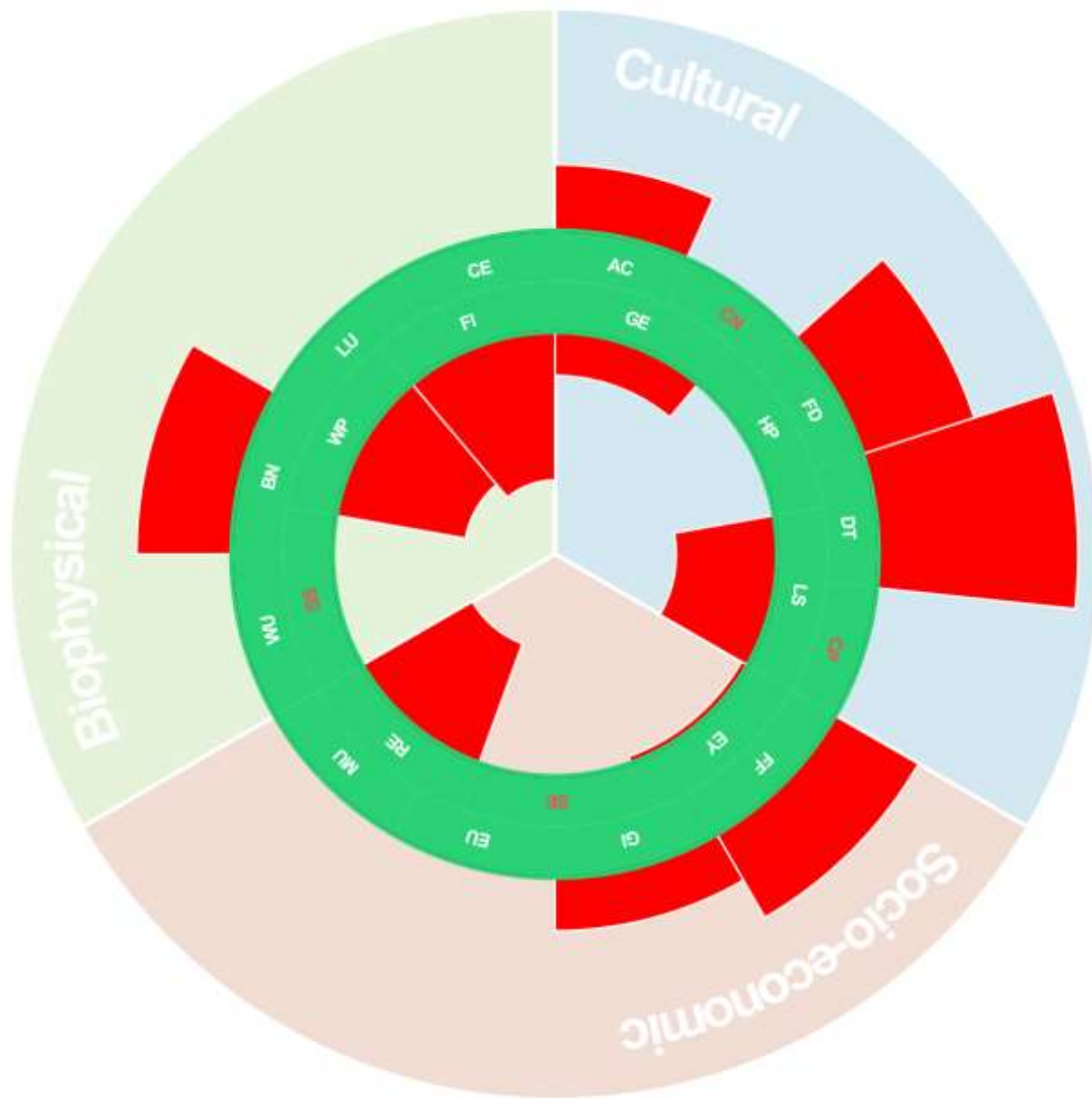


Bulgaria

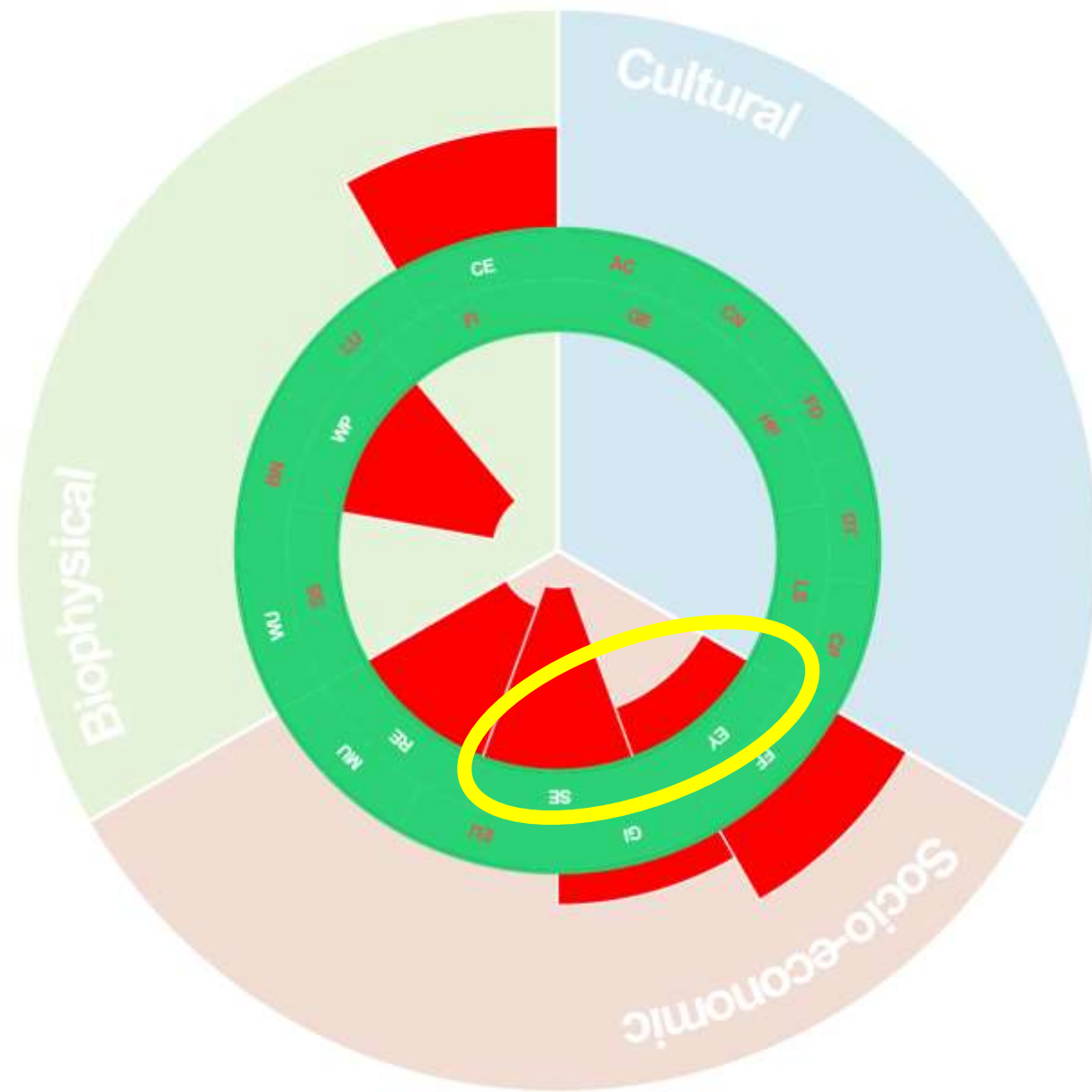
Climate denialism not  
a problem in society

Dominant popular  
perception of:  
-democratic  
deficit  
-distrust in others  
-corruption in all  
walks of life  
...is a problem





Albania



North Macedonia



# Climate change challenges for the young...

- Oscillations in heatwaves and flooding, drought
- General concern for climate and environmental stability
- Social inequalities amplified
- When environmental awareness turns into action (M. Kalem, ERMA MA Thesis 2020):  
„Protecting [global climate stability] is the right thing! Not necessarily damage anyone personally, just shift our focus away from huge profits, which are not beneficial for society.”

