

# "Climate change: the Balance of Mitigation & Adaptation"

SEV Business Council for Sustainable Development  
Yanni Paniaras, Chairman

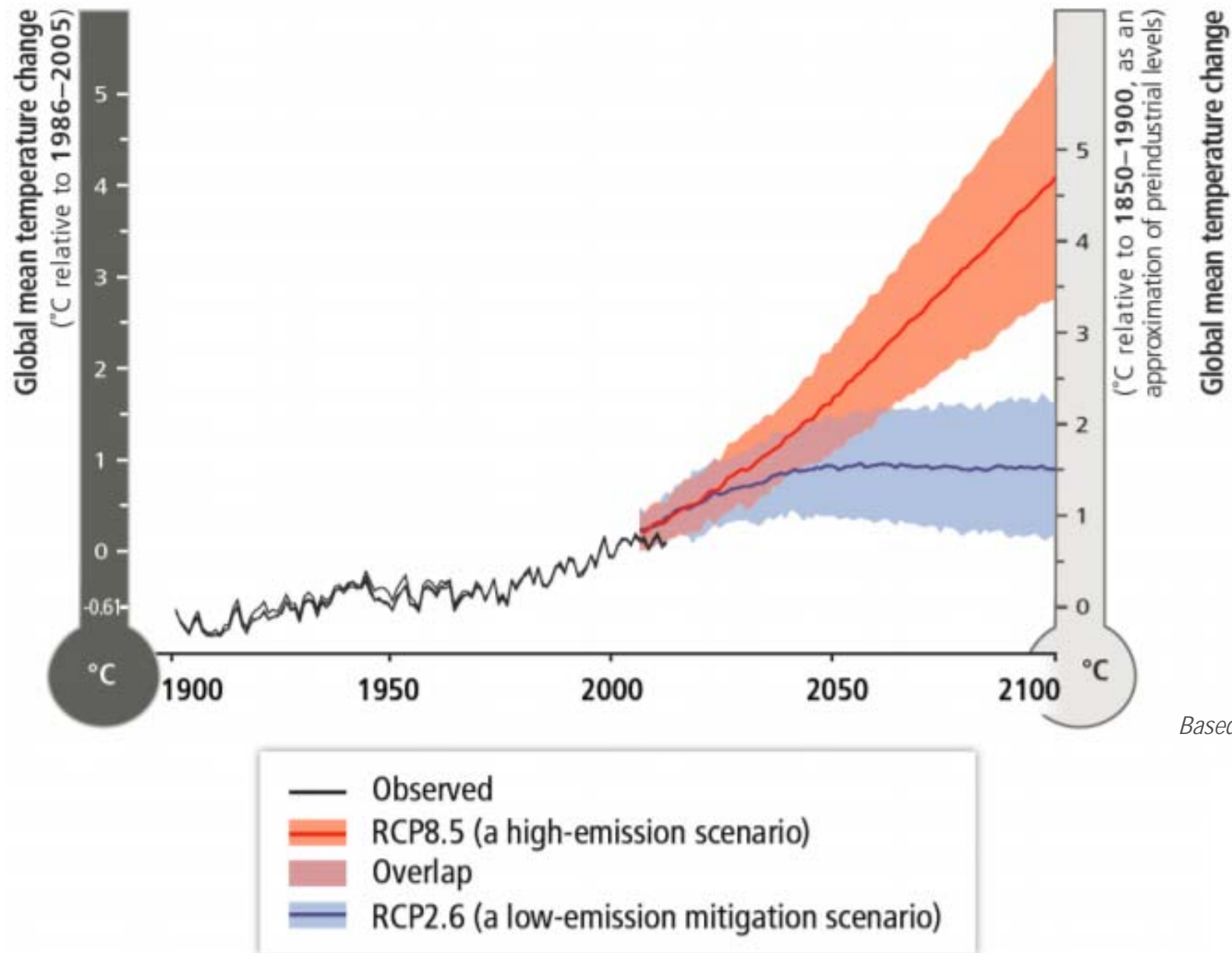


**SEVBCSD** promotes business models in line with global sustainability goals.

By incorporating social and environmental criteria into their business strategies, leading sustainable enterprises maximize their performance for stakeholders, society and the environment.

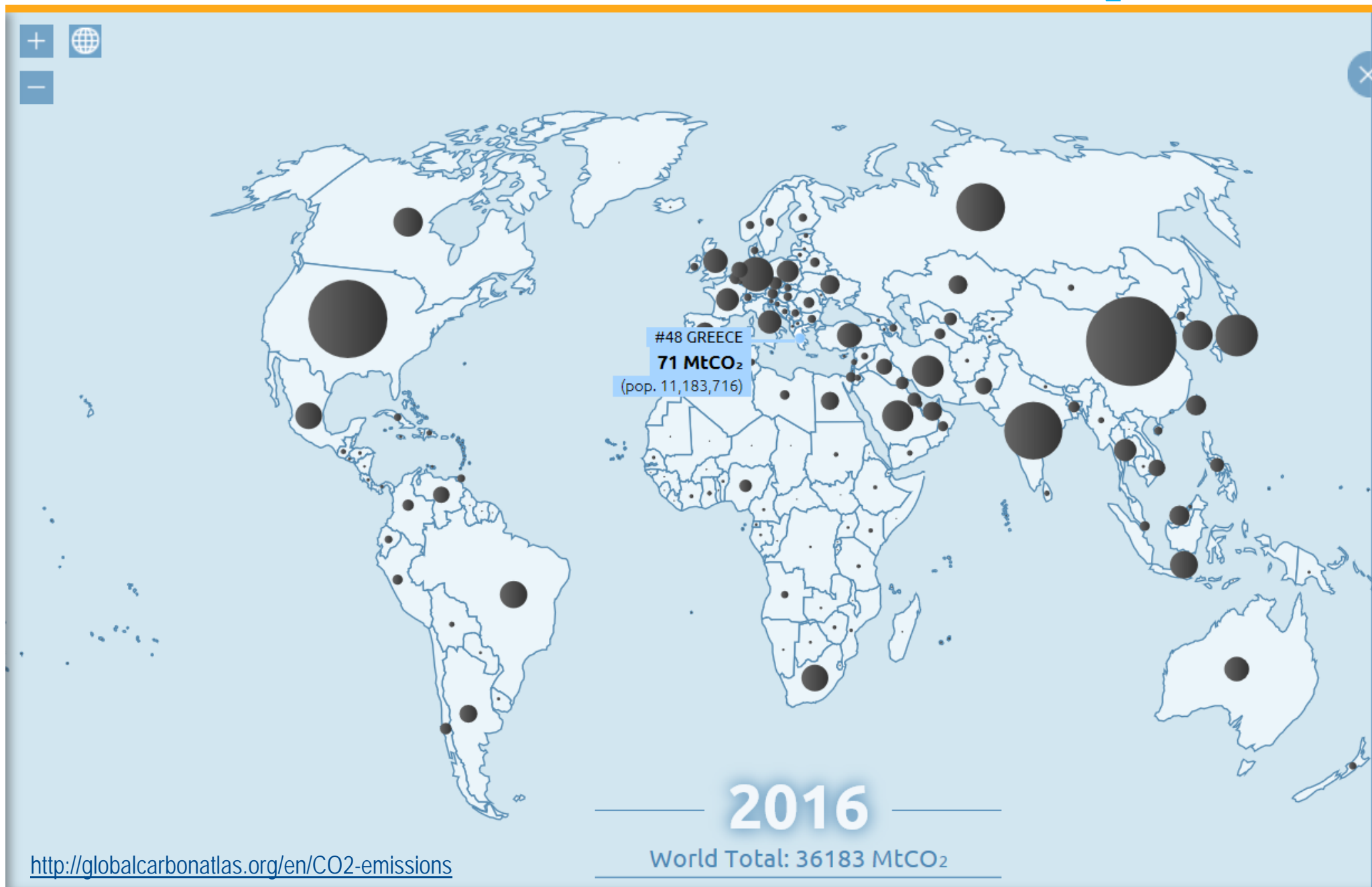


# Climate change is inevitable...



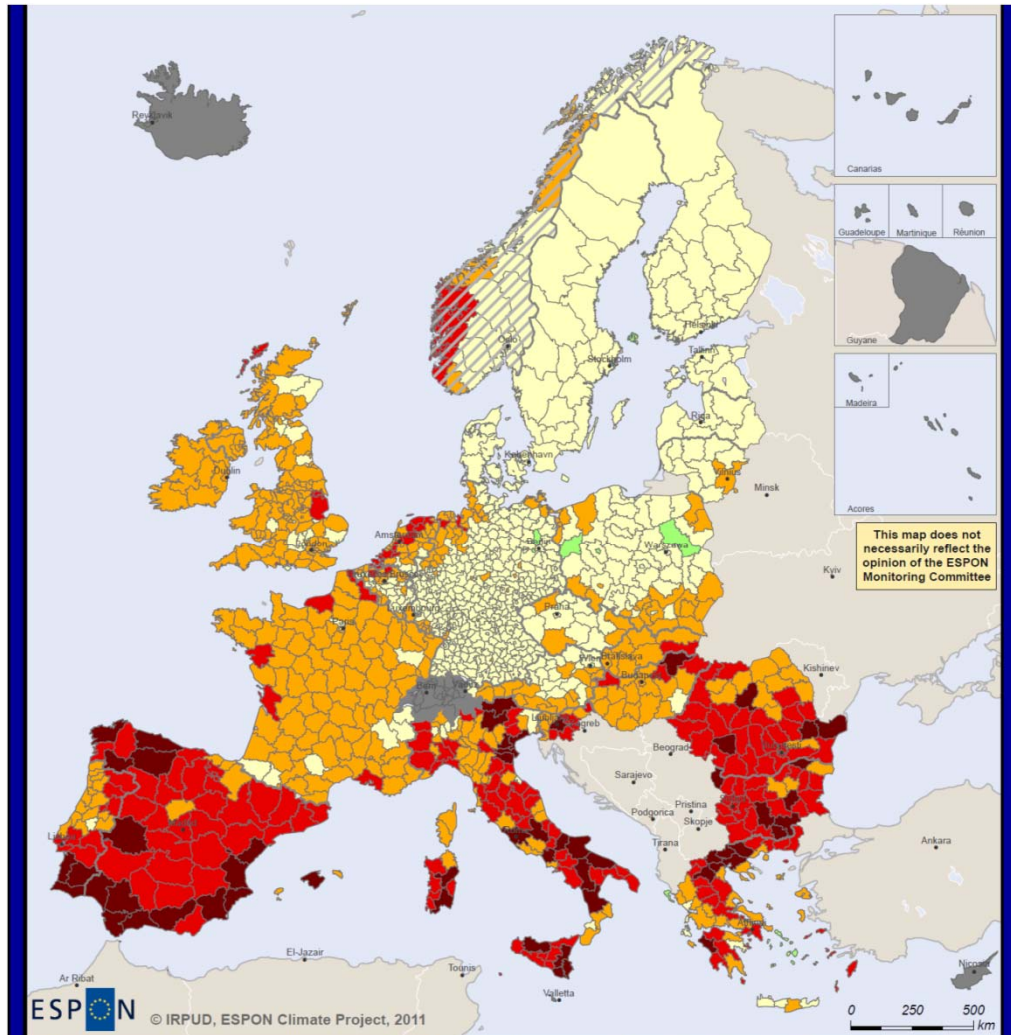
Based on WGII Box SPM 1 Figure 1

# Greece is a relatively low contributor to global CO<sub>2</sub> emissions



<http://globalcarbonatlas.org/en/CO2-emissions>

# ... but is exposed to climate change impacts

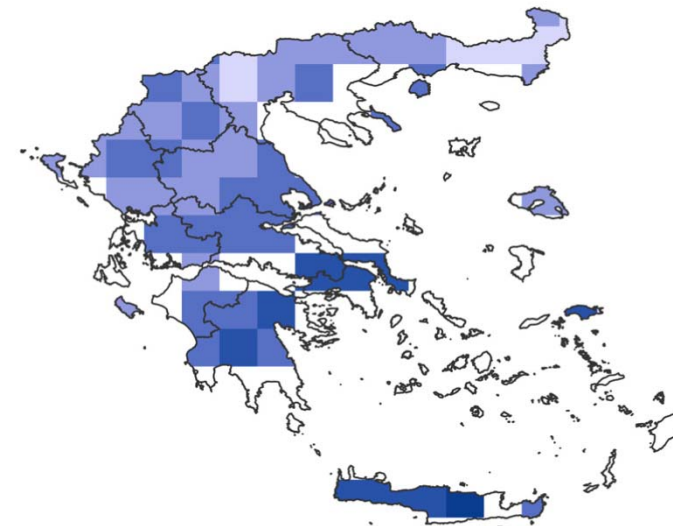
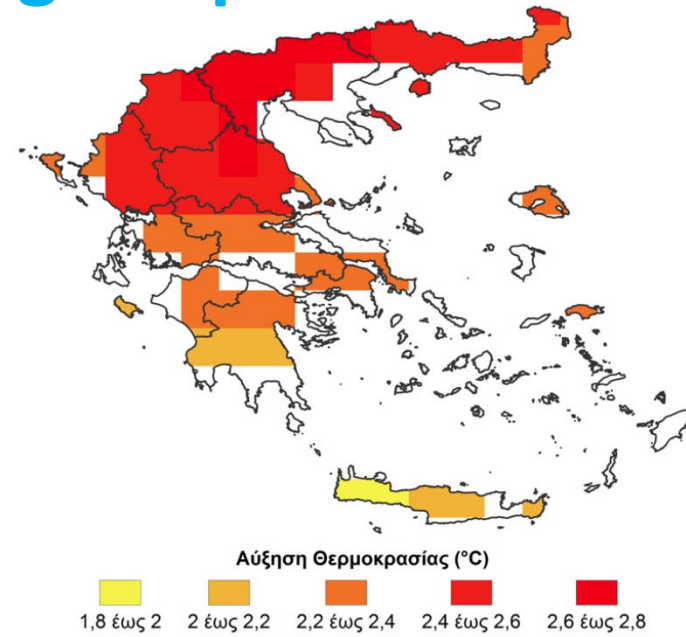


Origin of data: see data sources of the individual impact and adaptive capacity dimensions.

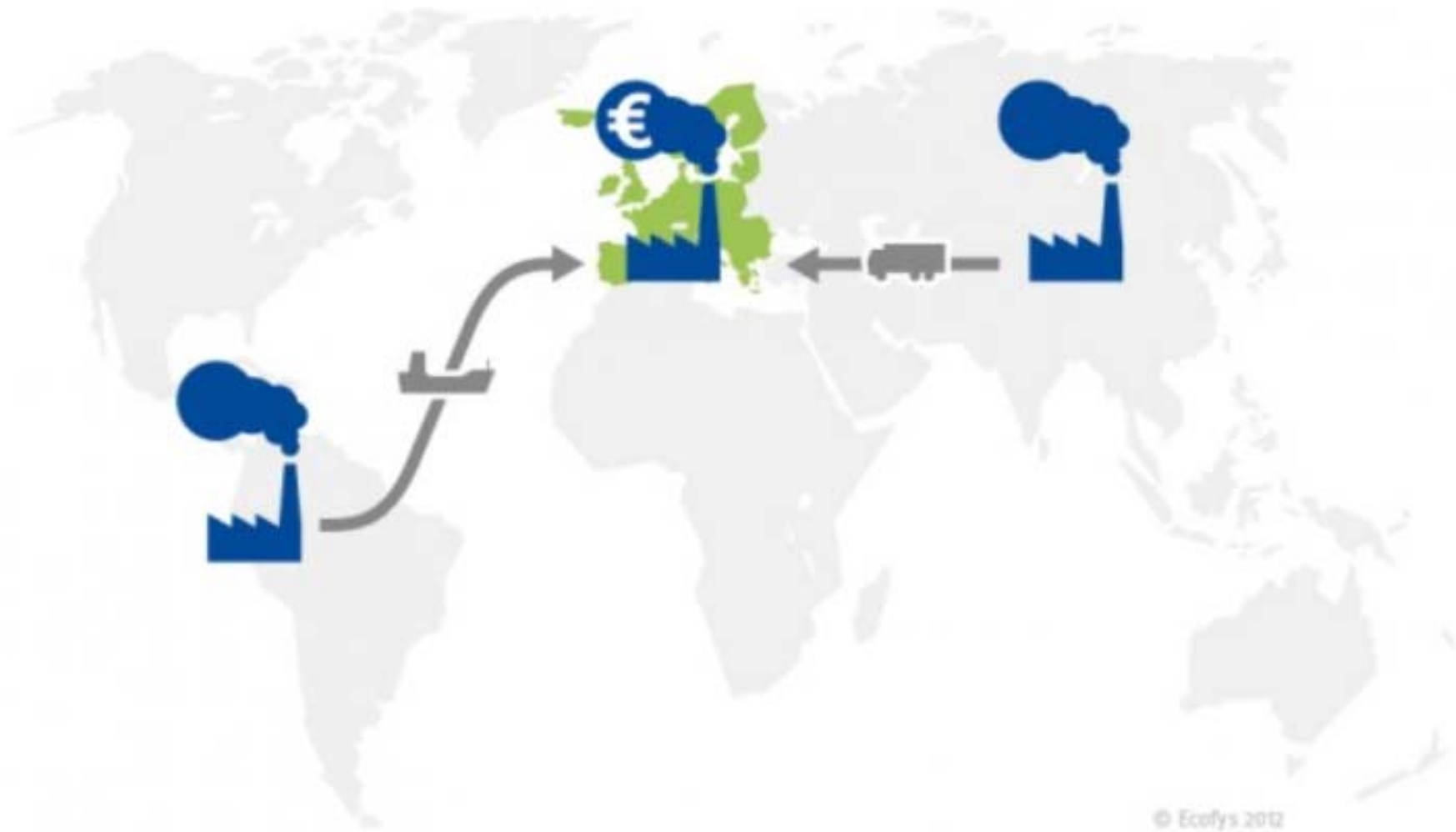
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<https://www.espon.eu/climate-2012>

<https://www.dianeosis.org/en/2017/08/impact-climate-change-greek-economy>



# ...and is highly exposed to carbon leakage



<https://www.ecofys.com/en/project/carbon-leakage/>

# What Greece needs to do

1. Push actively for realistic, global and equitable solutions to the climate change challenge
2. Adopt effectively decarbonization technologies as they are developed internationally
3. Prepare for the impacts that climate change will inevitably have on the country

# Preparing for the impacts

- Plan on the basis that future climate conditions will be different from the past and present
- Develop a common model to predict the envelope of such future conditions
- Design with flexibility and resilience in mind
- Innovate to adapt to the future conditions
- Think along climate zones
- Develop appropriate funding tools





**Mitigation**

**Adaptation**