



“How can the HVAC-R industry contribute to achieving the Sustainable Development Goals?”

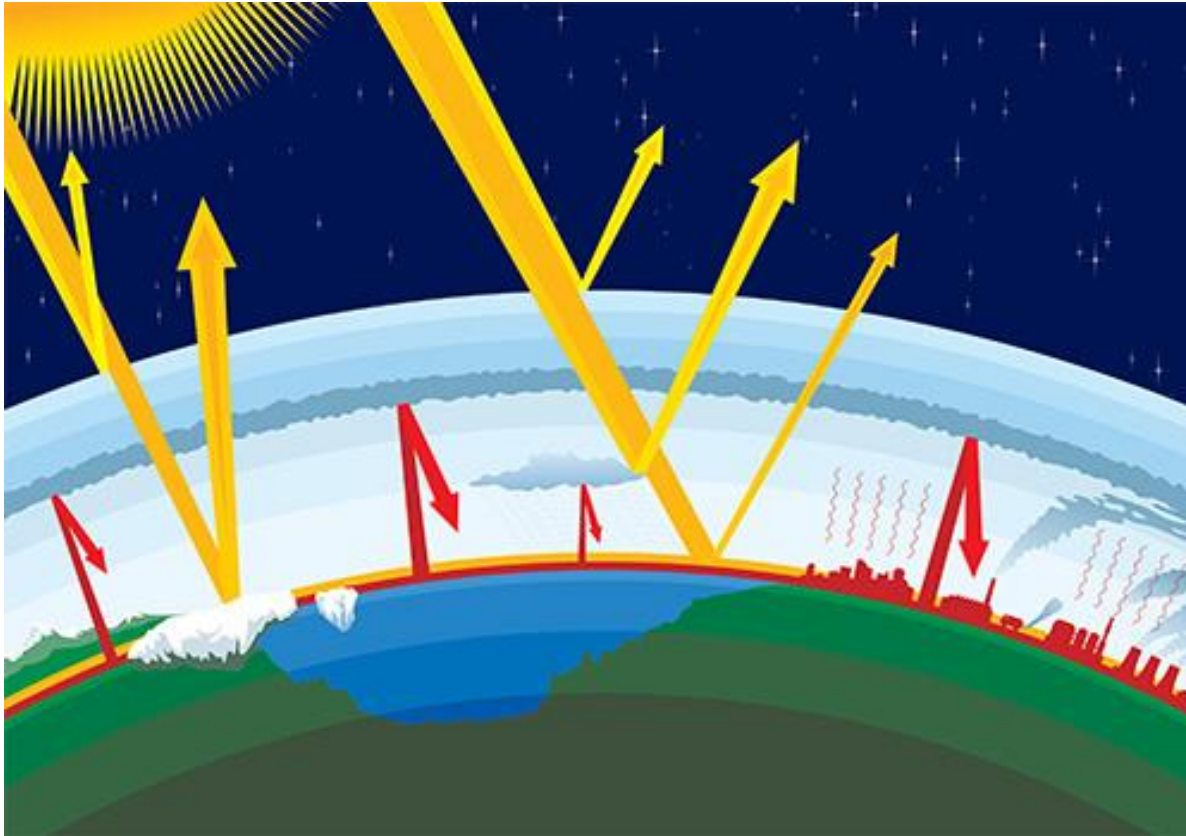
‘Looking at SDG 13 from the European Finance perspective: The EU budget for climate action’

Markus Trilling
Climate Action Network (CAN) Europe
Finance and Subsidies Policy Coordinators
markus@caneurope.org
www.caneurope.org

‘Take urgent action to combat climate change and its impacts’

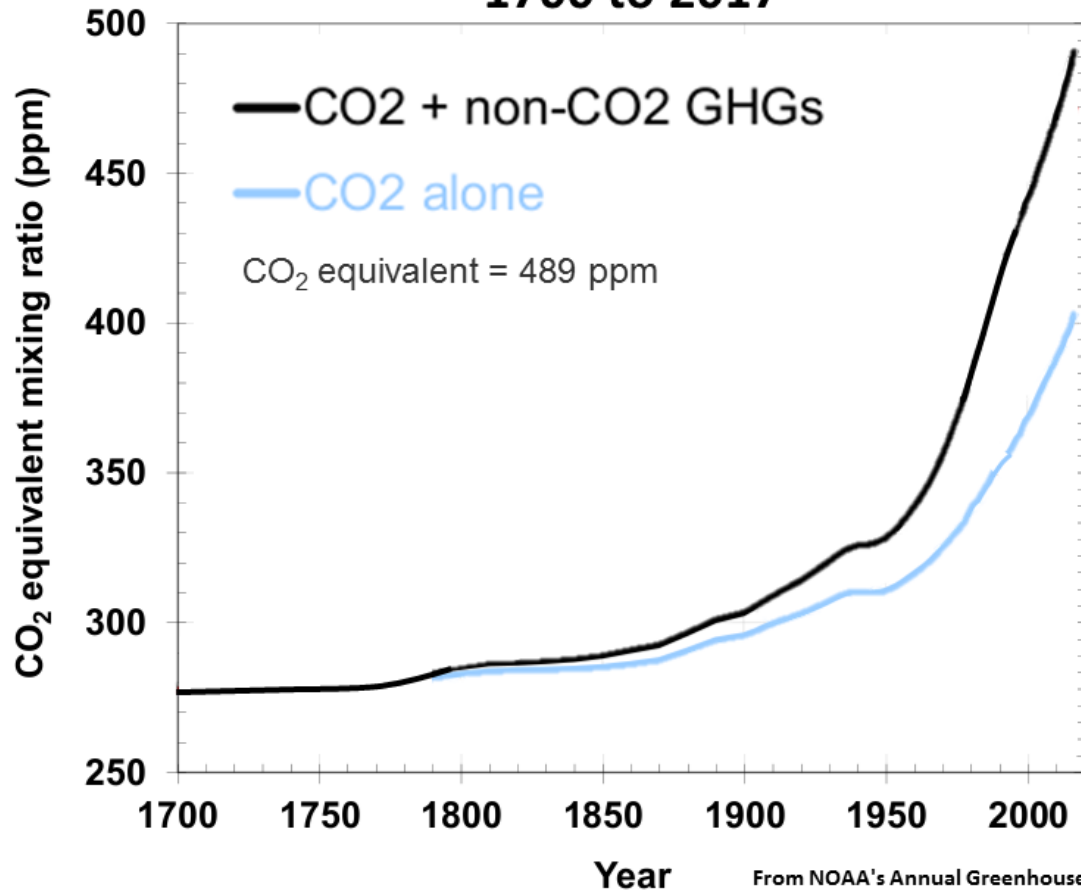


Greenhouse Effect



Greenhouse gases in the atmosphere

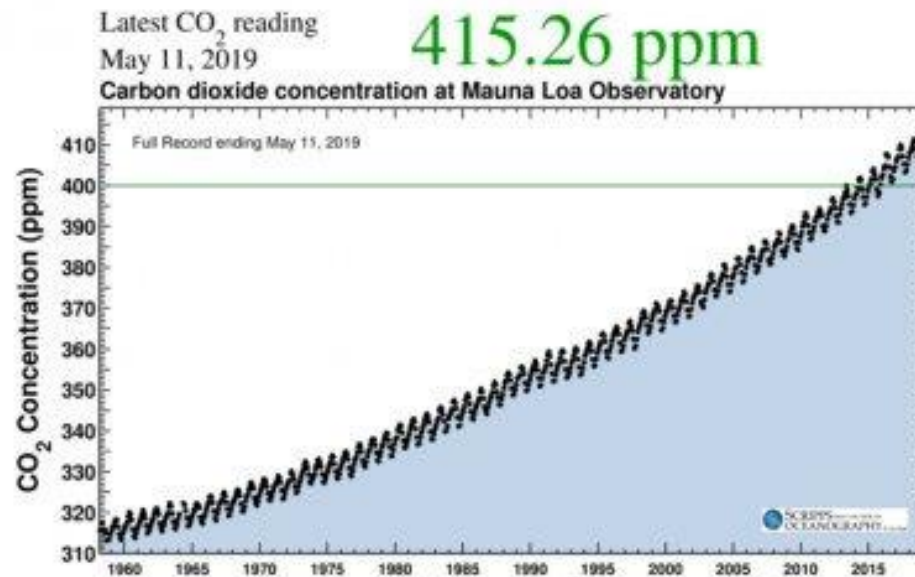
Atmospheric Concentrations of CO₂ and CO₂ Equivalent 1700 to 2017



From NOAA's Annual Greenhouse Gas Index Spring 2017

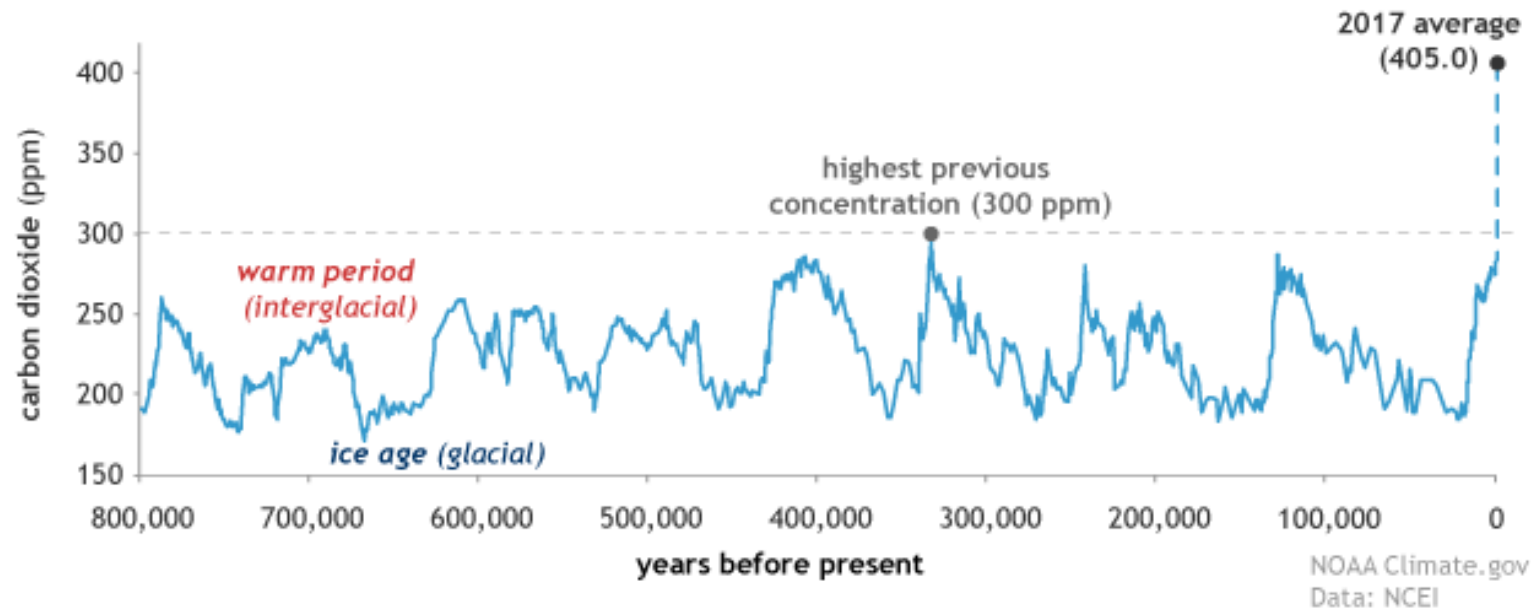
Peter Carter Climate Emergency Institute

Greenhouse gases in the atmosphere



Greenhouse gases in the atmosphere

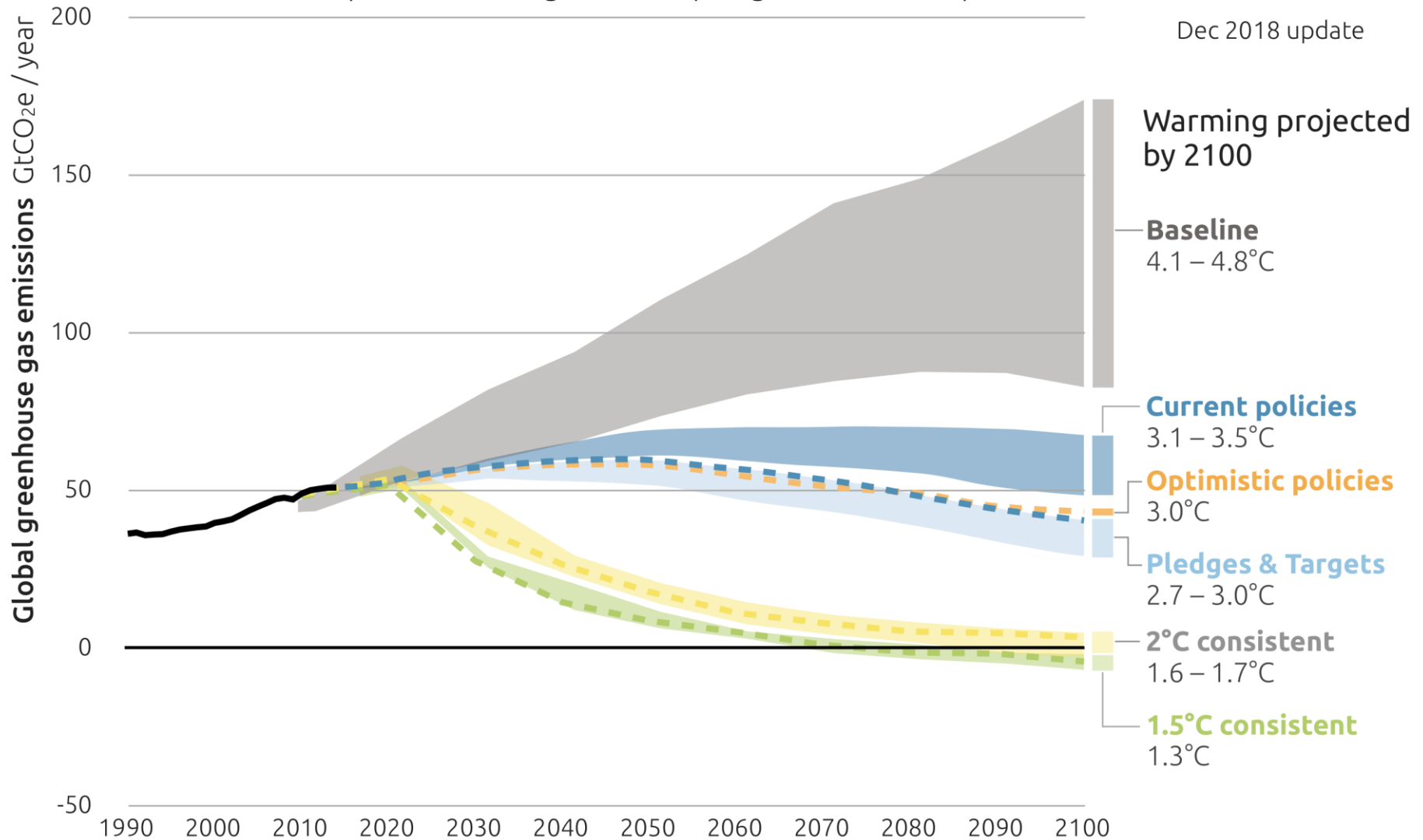
CO₂ during ice ages and warm periods for the past 800,000 years



2100 WARMING PROJECTIONS

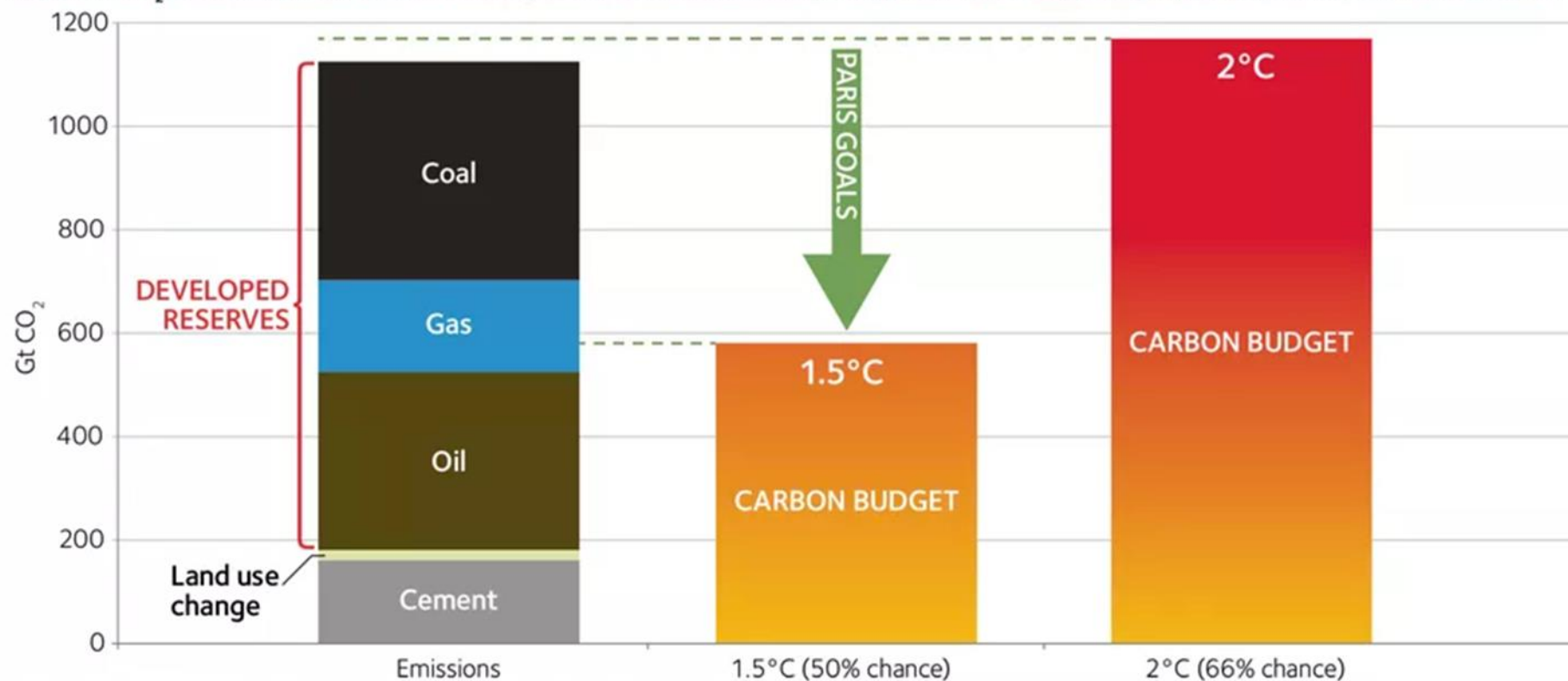
Emissions and expected warming based on pledges and current policies

Dec 2018 update



Carbon budget: Get out of fossil fuels!

Figure 1: CO₂ Emissions from Global Developed Fossil Fuel Reserves, Compared to Carbon Budgets within Range of the Paris Goals



Source: Rystad Energy, IEA, World Energy Council, IPCC, OCI analysis²³

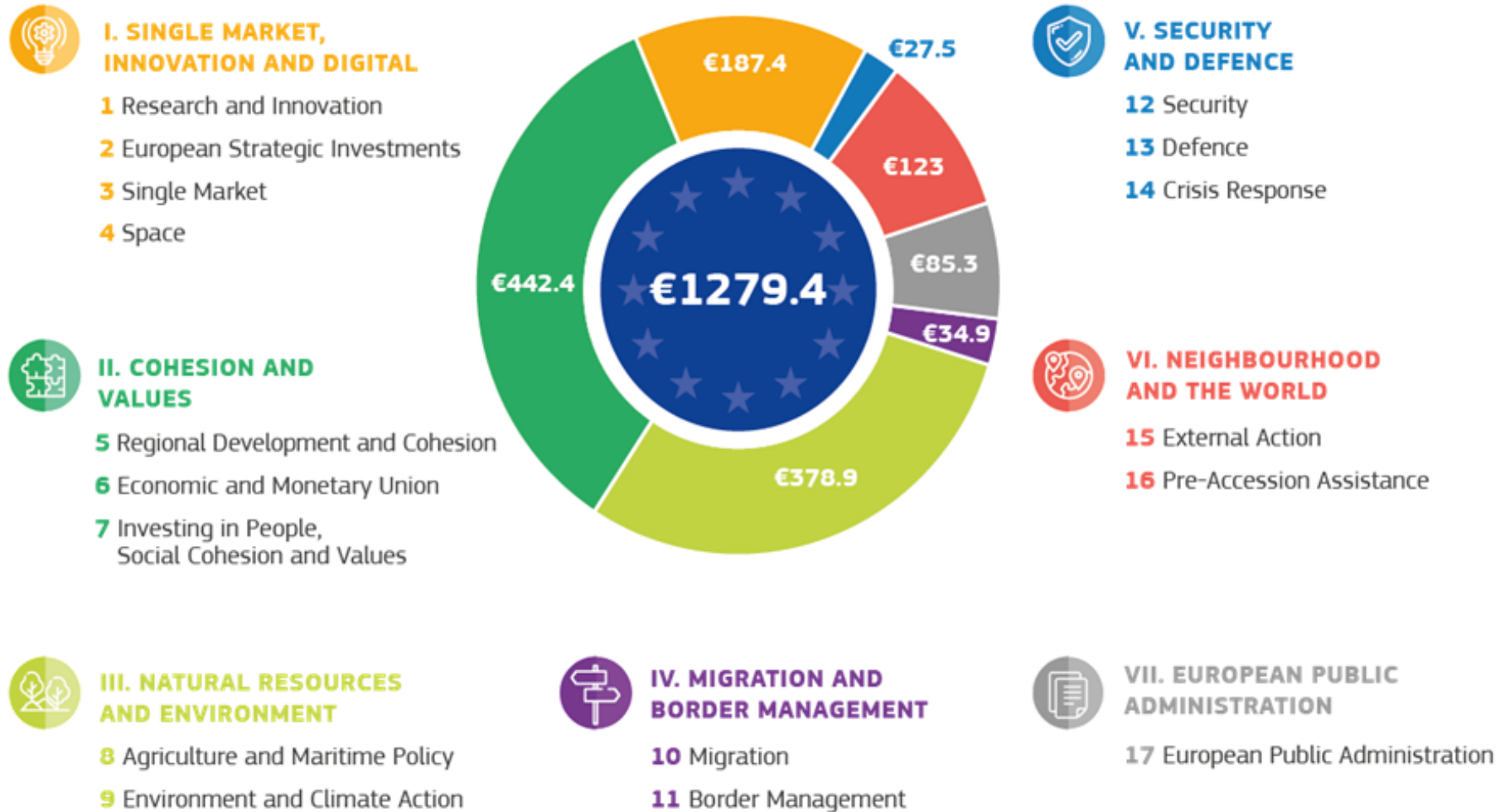
*“Making finance flows consistent with a pathway
towards low greenhouse gas emissions and
climate-resilient development”*

- Paris Agreement, Article 2.1c



EC proposal May 2018

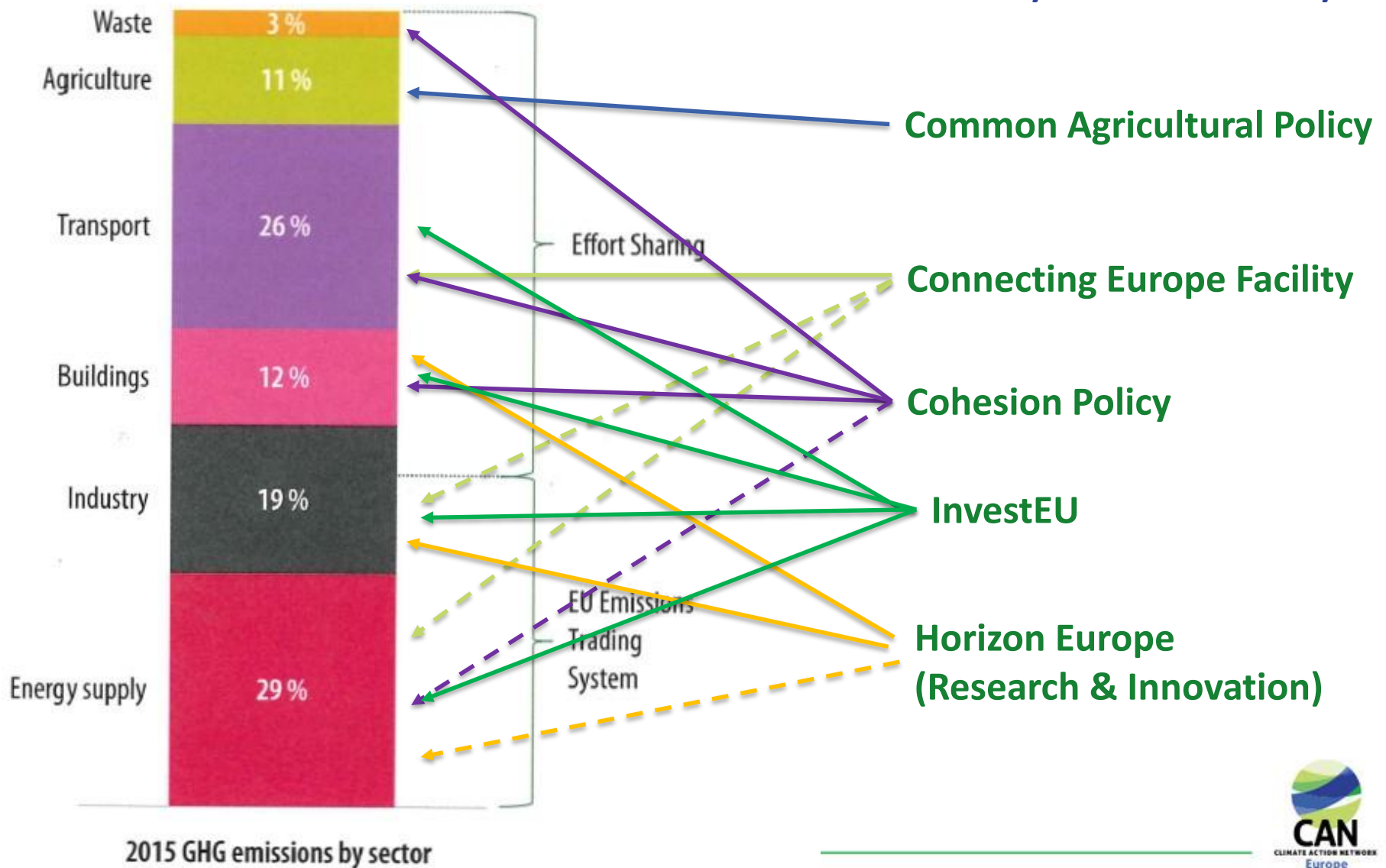
MFF 2021 – 2027 = EUR 1.28 trillion (current prices)



2015 EU greenhouse gas emissions by sector

'Paris compatibility':

At least 65% less GHG by 2030 + net-zero by 2040

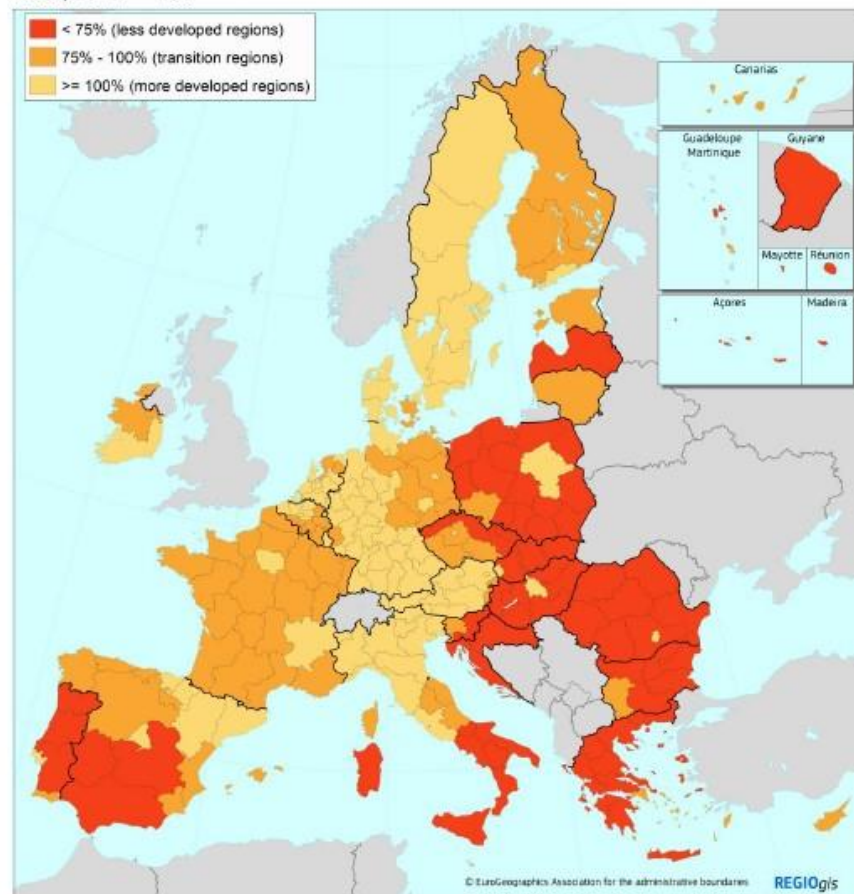


25%
Climate Action



GDP/head (PPS) by NUTS2 region, average 2014-15-16

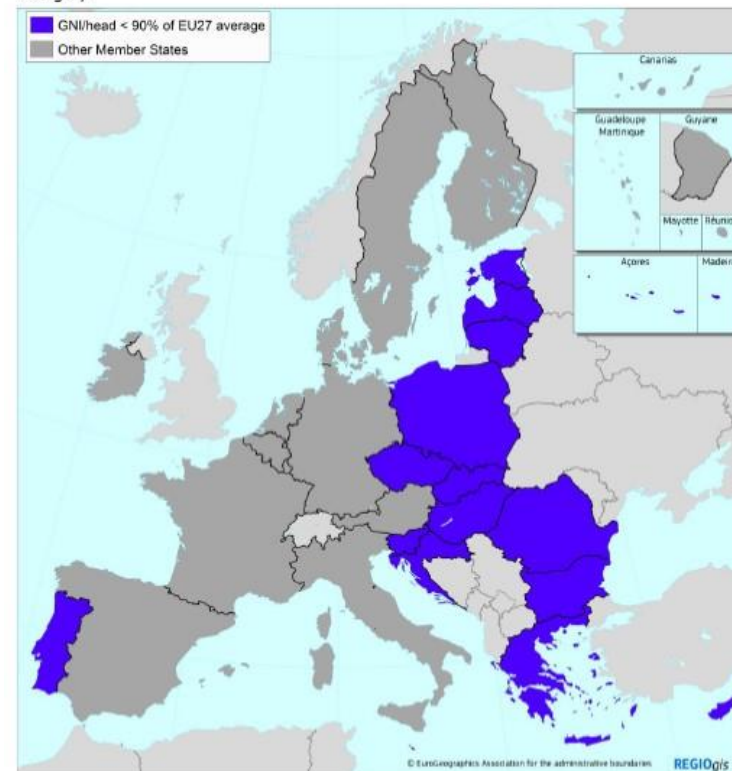
Index, EU-27 = 100



	LD	TR	MD
Allocation (EUR bns 2018 prices)	198.6	45.9	34.8
Population (MM inhab)	123.6	112.5	208.4

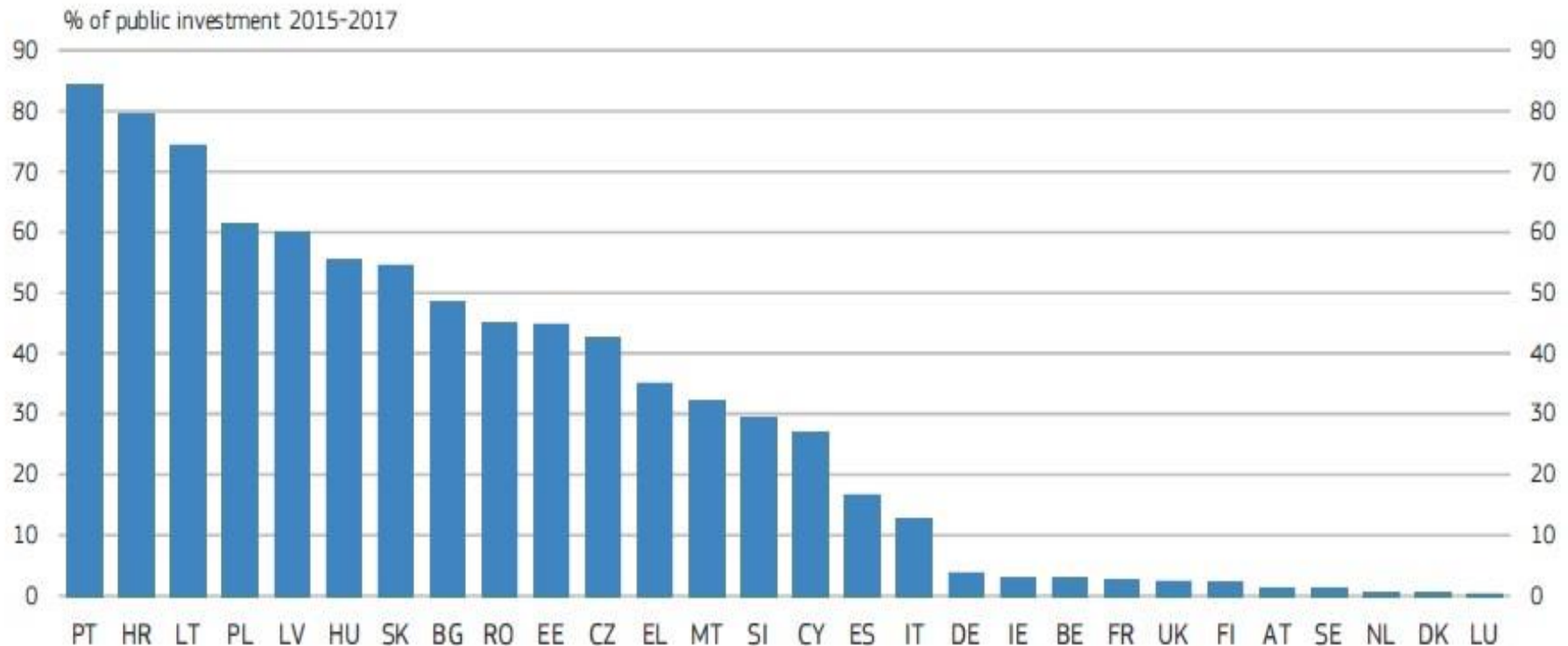
Cohesion Fund eligibility 2021-2027

Category



	LD
Allocation (EUR bns 2018 prices)	41.3
Population (MM inhab)	126.2

Share of European Structural and Investment Funds in public investment 2015-2017 in %



Source: Eurostat, DG REGIO

Specific objectives for the ERDF and the Cohesion Fund

(b) 'a **greener, low-carbon** Europe by promoting **clean and fair energy transition**, green and blue investment, the **circular economy, climate adaptation** and risk prevention and management ('PO 2') by:

- (i) promoting energy efficiency measures;
- (ii) promoting renewable energy;
- (iii) developing smart energy systems, grids and storage at local level;
- (iv) promoting climate change adaptation, risk prevention and disaster resilience;
- (v) promoting sustainable water management;
- (vi) promoting the transition to a circular economy;
- (vii) enhancing biodiversity, green infrastructure in the urban environment, and reducing pollution;
- (viii) Sustainable Urban Mobility

+ Support for business, SMEs, innovation (PO1)

+ workforce development (PO4)

+ community lead bottom-approaches (PO5)

Thematic concentration of ERDF support:

- 30% for 'PO 2' in 'less developed' and 'transition' regions
- 0% - 25% for 'PO 2' in 'more developed'

The Way Forward



National Energy and Climate Plans (NECPs) and EU funds

Programming:

- support the development of bottom-up Operational Programmes ...
- ... by offering concrete, place-based and integrated (RES, Energy Efficiency, HVAC) solutions.



Thank you for your attention.
Your questions and comments please!

Supported by:



based on a decision of the German Bundestag

The European Climate Initiative (EUKI) is a project financing instrument by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU). Its implementation is supported by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. It is the overarching goal of the EUKI to foster climate cooperation within the European Union (EU) in order to mitigate greenhouse gas emissions.

The opinions put forward during this event are the sole responsibility of CAN Europe and do not necessarily reflect the views of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety or of the project partners.