



The Climate/Chemicals Interface

We are at 'code red' for climate change mitigation, and we are at 'code red' for halting the ongoing toxic assault from the chemical sector.

The use of toxic chemicals has now crossed the point at which human-made changes to the Earth push it outside the stable environment of the last 10,000 years.

Linn Persson, et al. Outside the Safe Operating Space of the Planetary Boundary for Novel Entities. 2022.

<https://doi.org/10.1021/acs.est.1c04158>

The chemical industry is the largest industrial energy consumer

11 MAR 2019 | PRESS RELEASE | CHEMICALS & WASTE

UN report: Urgent action needed to tackle chemical pollution as global production is set to double by 2030



The second **Global Chemicals Outlook**, UN Environment Assembly (2019)

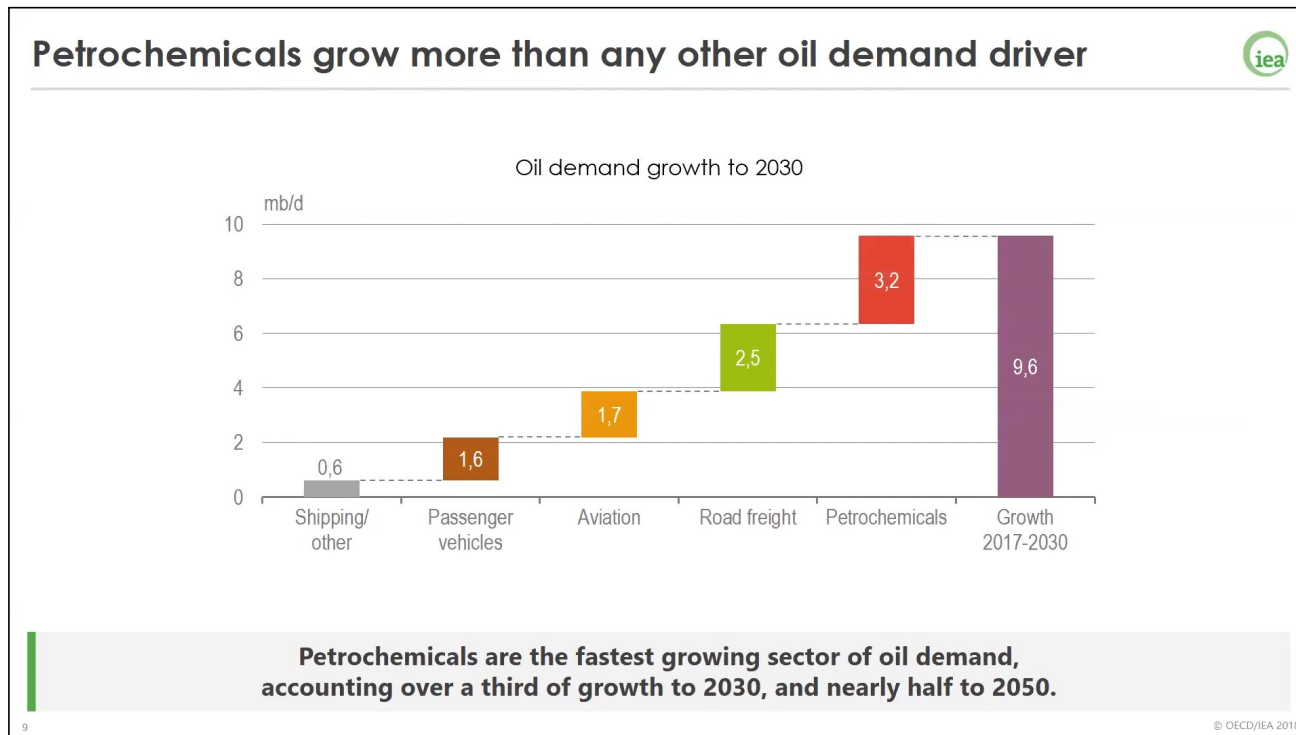
‘The international chemicals industry is the second largest manufacturing industry in the world and is growing steadily. An enormous volume of chemicals is released to the environment every year, most of which is unregulated and much of which is toxic and hazardous.’

<https://www.unenvironment.org/news-and-stories/press-release/un-report-urgent-action-needed-tackle-chemical-pollution-global>

International Energy Agency

Petrochemicals are one of the key blind spots in the global energy debate, especially given the influence they will exert on future energy trends.

- Dr Fatih Birol, Executive Director, IEA



Majority of this projected increase will go into plastics production

<https://www.iea.org/reports/the-future-of-petrochemicals>

Detoxify + Decarbonize

Appeal filed against air permit approval for a \$9.4 billion petrochemical complex in "Cancer Alley"

14 February 2020
#ZeroWasteCalifornia



Environmental Justice Health Alliance for Chemical Policy Reform

<https://comingcleaninc.org/fencelines>

“The most effective way to stop the advance of climate change and the increasingly dire impact on marginalized communities is to directly regulate climate pollution, adopt precautionary-based chemicals management systems that require a shift towards banning toxic chemicals and favor safe solutions, and accelerate a managed decline of fossil fuel infrastructure while advancing a just transition for workers and communities.”

-White House Environmental Justice Advisory Council. Sept 2023



EQUITABLE & JUST
NATIONAL CLIMATE PLATFORM

<https://ajustclimate.org/>



<https://ej4all.org/>

'Require Safer Substitutes and Solutions for a Non-Toxic Economy'

Background Resource - Bev Thorpe (author) Plank 3 of the Louisville Charter

The Louisville Charter is a roadmap to fundamentally transform the chemical industry

<https://comingcleaninc.org/louisville-charter/endorse>



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