## A Transition Away from Coal with Something Worse than Coal?

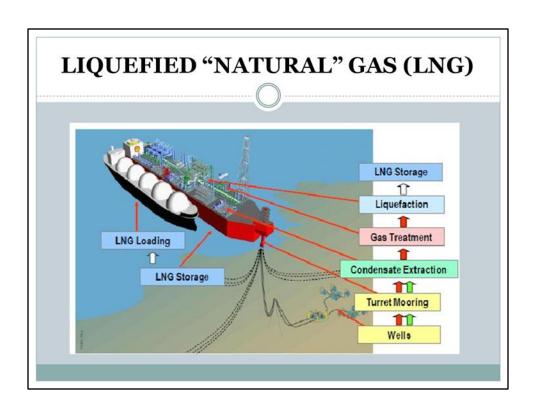
A Colonial Climate Time Bomb &

An Opportunity for a Paradigm Shift in the Climate Movement

**Esteban Servat 15/06/2021** 

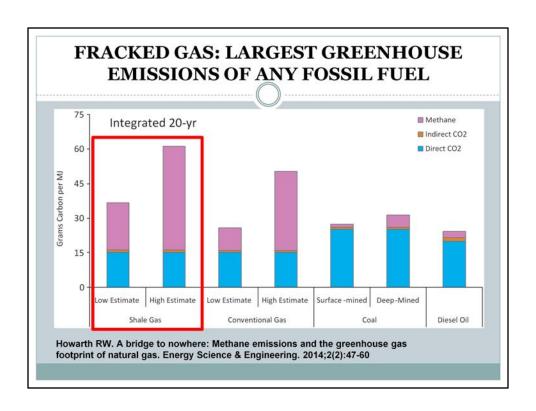
I.

# A Transition Away from Coal with Something Worse than Coal?





https://link.springer.com/content/pdf/10.1007/s10584-011-0061-5.pdf https://www.bbc.com/news/science-environment-13053040



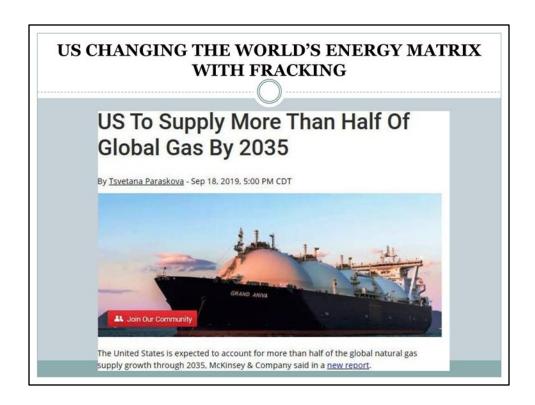
https://onlinelibrary.wiley.com/doi/full/10.1002/ese3.35

es for sources of increase mosphere in recent years		
All fossil fuels	17.8	
– Shale gas	9.4	
<ul> <li>Conventional gas</li> </ul>	5.5	
- Oil	1.6	
– Coal	1.3	
Biogenic sources	10.6	

https://bg.copernicus.org/articles/16/3033/2019/bg-16-3033-2019.pdf

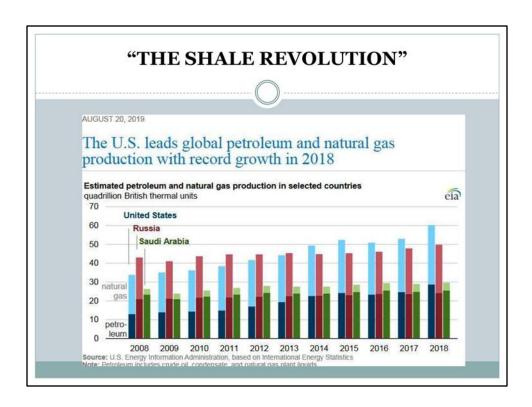


https://ec.europa.eu/energy/sites/ener/files/eu-us\_lng\_trade\_folder.pdf

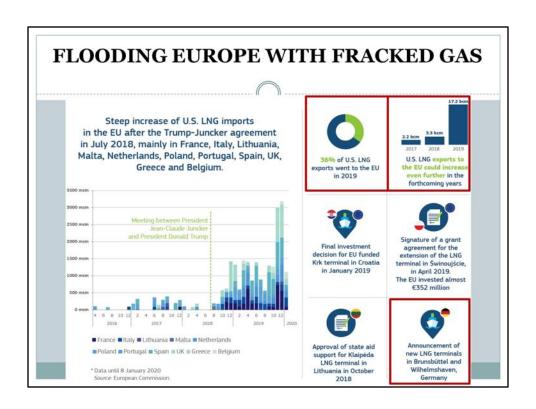


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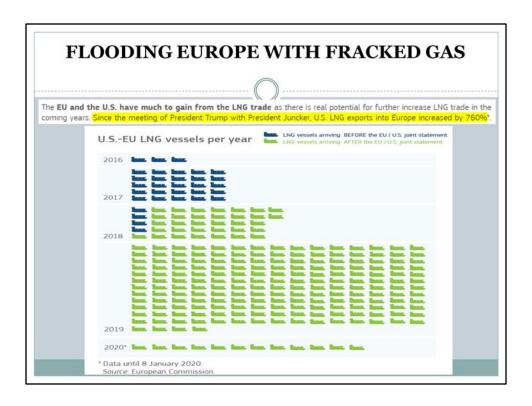
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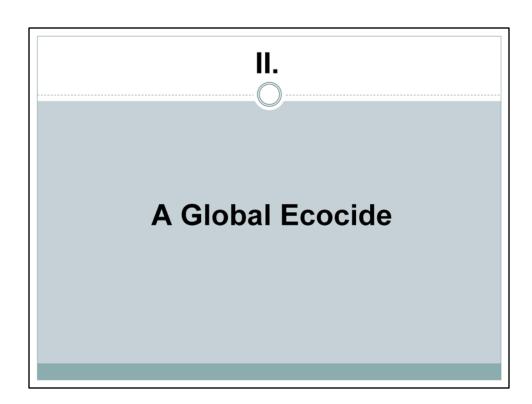
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https://ec.europa.eu/energy/sites/ener/files/eu-us\_lng\_trade\_folder.pdf



#### FRACKING & GLOBAL WARMING

Published on Wednesday, August 14, 2019 by Common Dreams

#### Fracking Boom in US and Canada Largely to Blame for 'Massive' Rise of Global Methane Levels: Study

While the rise of methane in the Earth's atmosphere over the past decade has been "globally significant," quick action to end fracking would have a rapid, positive impact on the environment by Julia Conley, staff writer

Fracking is responsible for over 50% of all of the World's increased methane emissions from fossil fuels and 1/3 of the total increased emissions from all sources over the past 10 years

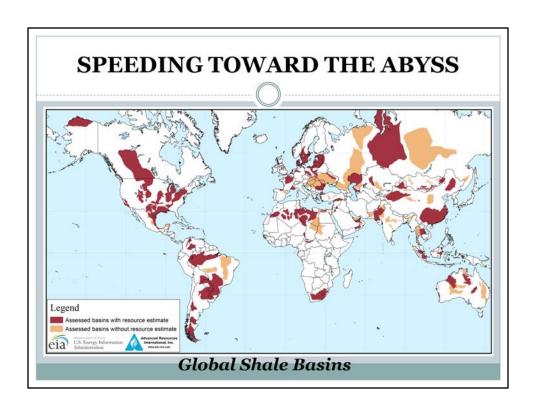
https://www.commondreams.org/news/2019/08/14/fracking-boom-us-and-canada-largely-blame-massive-rise-global-methane-levels-study https://www.biogeosciences.net/16/3033/2019/



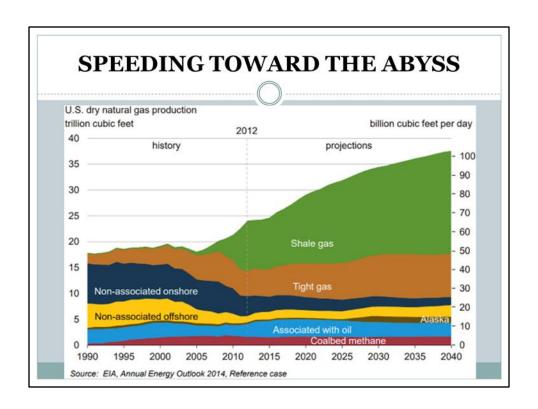
https://earthworks.org/blog/methane-from-oil-and-gas-is-a-climate-crisis/ https://archive.thinkprogress.org/nasa-study-fracking-global-warming-0fa0c5b5f5c7/



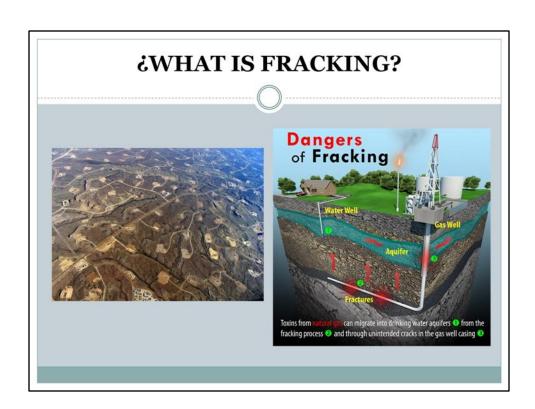
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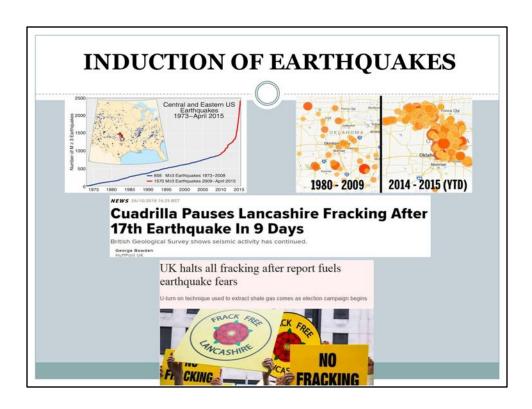


https://www.youtube.com/watch?v=MqVPLbL\_Y-E&t=728s https://www.youtube.com/watch?v=225fC4OUZ3Y

#### LETHAL HEALTH CONSEQUENCES

- > Living within 16km of a fracking well is associated with high risk of birth defects
- > Cancer
- > Leukemia
- > Blood disorders
- > Nervous system conditions
- > Immunological disorders
- > Reproductive system conditions
- > Heart disease, heart attacks, stroke
- > Asthma & respiratory diseases

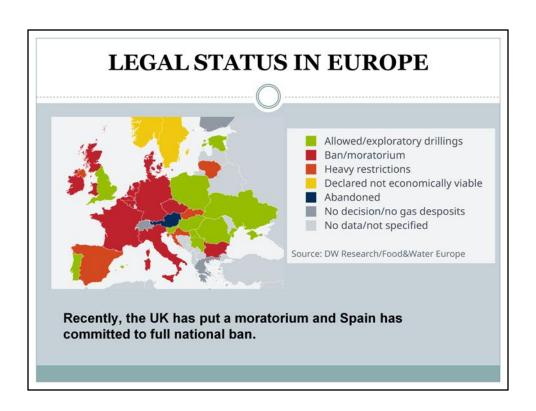
https://www.nrdc.org/media/2014/141216 https://concernedhealthny.org/wp-content/uploads/2019/06/Fracking-Science-Compendium 6.pdf



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https://www.dw.com/en/what-ever-happened-with-europes-fracking-boom/a-18589660



https://whyy.org/articles/u-s-fracking-helps-to-push-a-global-plastic-boom/



https://www.bloomberg.com/news/articles/2014-09-23/cf-yara-talks-show-how-shale-gas-is-shaking-up-fertilizer

https://www.agri-pulse.com/articles/4251-nitrogen-fertilizer-market-nearing-saturation-after-shale-gas-boom

### SILENCE & COMPLICITY OF ENVIRONMENTAL ESTABLISHMENT

➤ While warning of a record increase in methane emissions in its reports, the IPCC not only does not mention fracking's major contribution, but it has gone as far as to falsely claim that fracking has helped reduce emissions:

"A key development since AR4 is the rapid deployment of hydraulic fracturing and horizontal drilling technologies, which has increased and diversified the gas supply and allowed for a more extensive switching of power and heat production from coal to gas (IEA, 2012b); this is an important reason for a reduction of GHG emissions in the United States."

https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc\_wg3\_ar5\_chapter7.pdf





https://www.boell.de/en/2018/11/29/argentinas-paradox-g20



https://www.theguardian.com/environment/2019/oct/14/indigenous-mapucheargentina-fracking-communities

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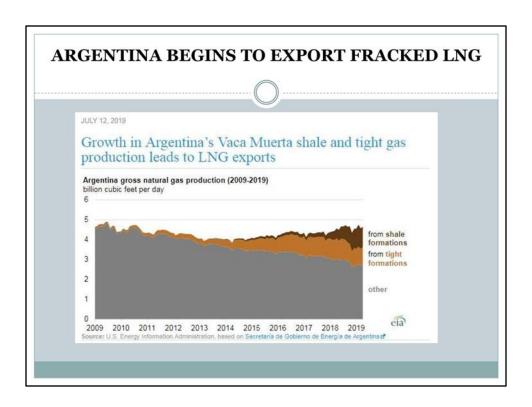
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https://wintershalldea.com/en/investor-relations



https://wintershalldea.com/en/investor-relations



https://www.eia.gov/todayinenergy/detail.php?id=40093

IV.

Geopolitical Side:
Europe Used as a Pawn in U.S.
Push for "World Dominance", at
Expense of Climate & Planet



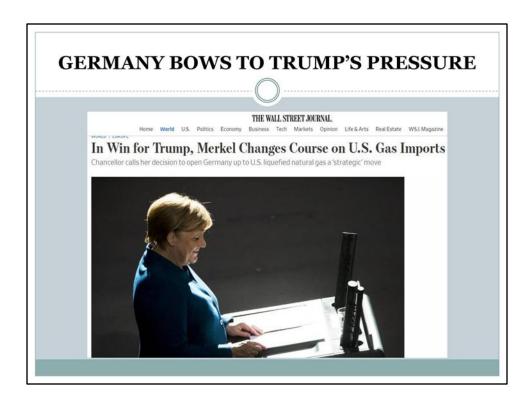
https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-unleashing-american-energy-dominance/ https://marcelluscoalition.org/2019/06/american-energy-dominance-grows-with-lng-deal/

THE EN	VIRONMENTAL FRAUD OF THE CENTURY
1112 211	LIE # 1: "ENERGY TRANSITION"
	LIE # 1: ENERGY TRANSPORTION
	Next EU energy chief backs gas as part of
	climate transition
	Published on 04:10:2019, 11:16am
	Former Estonian minister Kadri Simson told MEPs a 2050 carbon neutral target was  wise' and said gas 'might be the most cost-efficient option' to get off coal
	GTAI GERMANY  TRADE & INVEST IN GERMANY  Search in 'industries'
	Natural Gas & Liquid Natural Gas (LNG): Energy Transition  What role will natural gas play in reducing emissions? What will influence integration of LNG into German energy
	markets?
	Natural Gas's global growth position is underpinned by: its advantages over other fossil fuels in emissions abatement, its cost competitiveness, and its complementary from disruptive integration into existing energy interatructure and smart energy solutions that can balance the fluctuating supply of renewable energy. Its efficiency, storage capabilities, abundant availability, and economic viability legitimizes its "keystone" role in Germany's Energy Transition.
	Gas is widely accepted as best practice in bridging the German Energy Transition. Germany's continued commitment to a cleaner and renewable-based energy market will require additional gas infrastructure investment. To hedge against ever-tightening emissions regulations and a projected natural gas import gap, the German government has announced its support for investments in LNG propulsion systems and infrastructure.

https://www.climatechangenews.com/2019/10/04/next-eu-energy-chief-backs-gas-part-climate-transition/

Germany Trade & Invest (GTAI) is the economic development agency of the Federal Republic of Germany.

https://www.gtai.de/gtai-en/invest/industries/energy/natural-gas-liquid-natural-gas-lng-energy-transition-105884#



https://www.wsj.com/articles/in-win-for-trump-merkel-changes-course-on-u-s-gas-imports-1540209647



https://www.naturalgasworld.com/editorial-russias-two-pronged-strategy-ngw-magazine-73222

https://www.petroleum-economist.com/articles/politics-economics/europe-eurasia/2019/novatek-backs-lng-in-low-carbon-future



https://www.reuters.com/article/lng-europe-russia/rpt-russia-ships-record-high-lng-volumes-to-europe-in-february-idUSL5N20N7ZJ

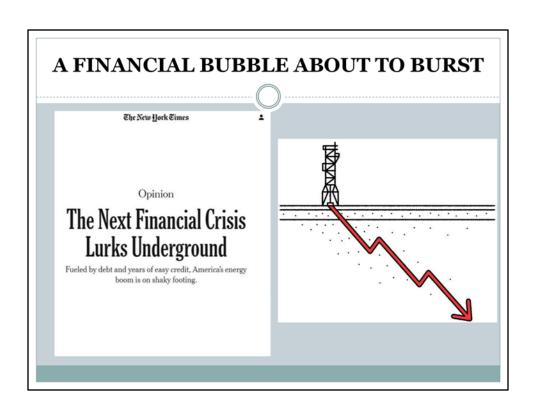
https://www.offshore-energy.biz/novatek-fluxys-to-build-lng-terminal-in-rostock-germany/



https://www.euractiv.com/section/energy/news/freedom-gas-us-opens-lng-floodgates-to-europe/

V.

# Financial Side: One of the Biggest Bubbles of our Times



https://www.nytimes.com/2018/09/01/opinion/the-next-financial-crisis-lurks-underground.html

 $http://ieefa.org/wp-content/uploads/2019/07/Risks-to-Fracking-Companies\_July-2019.pdf?fbclid=IwAR1ScYmQ-$ 

ILKrZmtpQzQfOg8iySh8eh3rZPpSrNGYLtDhzXHMd86iOHw5nM



https://www.wsj.com/articles/u-s-shale-driller-whiting-petroleum-to-file-for-bankruptcy-

<u>11585746800#:~:text=U.S.%20shale%20driller%20Whiting%20Petroleum,the%20crash%20in%20oil%20prices.</u>

https://www.reuters.com/article/us-north-america-oil-bankruptcy/wave-of-north-american-oil-and-gas-bankruptcies-to-continue-at-40-bbl-crude-report-idUSKBN24A2U1

https://www.worldoil.com/news/2020/6/29/chesapeake-joins-more-than-200-other-bankrupt-us-shale-producers

## VI.

## Coming Together Across Movements & Countries to Stop this Global Ecocide

### PROTEST AT GERMAN BUNDESRAT



Daniel Günther, Bundesrat President, receives over 100,000 signatures against building fracked LNG terminals

### WE MUST UNITE

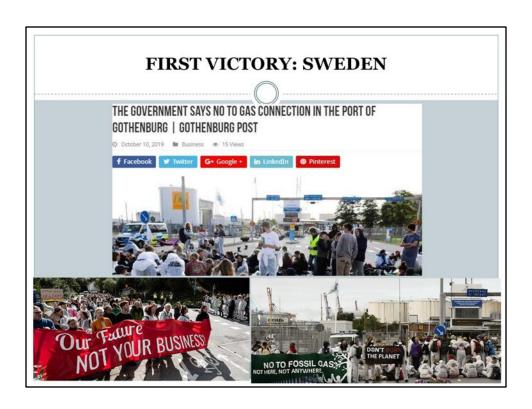




> Ende Gelände

> Extinction Rebellion

- Fridays for FutureFossil Free Berlin
- > Green New Deal for Europe



https://www.change.org/p/nofracking-keine-neuen-terminals-für-klimakiller-gasfridaysforfuture-nomorepillepalle-klimakrise-stephanweil-dguenther-cdushtschenpe/u/24623917



https://www.independent.ie/videos/irish-news/archive-extinction-rebellion-glue-scientific-papers-to-department-of-environment-building-38585604.html https://www.limerickleader.ie/news/home/492186/pope-joins-anti-fracking-crusade-as-more-pressure-comes-on-shannon-lng-project.html https://www.independent.ie/irish-news/pope-backs-shannon-fracking-critics-buttaoiseach-keeps-project-on-table-38650972.html



https://xrbarcelona.org/es/blog/accion-internacional-anti-fracking-21f/?fbclid=IwAR0QV-oLVr5L0Y39I4O8USk-tyKve9FGgk-Cr4zhPyy95pllRDvIKfk73G0



https://drillordrop.com/2020/06/15/irish-government-moves-to-block-imports-of-fracked-gas/



https://www.welt.de/regionales/niedersachsen/article215223012/Klima-Demonstranten-kleben-sich-an-Staatskanzlei-fest.html





#### WHY FRACKED GAS

- ➤ Highest greenhouse warming emissions of any fossil fuel
- ➤ Colonial capitalism & climate time bomb
- Communicational opportunity as strategy to defeat dominant narrative and build critical mass against conventional gas

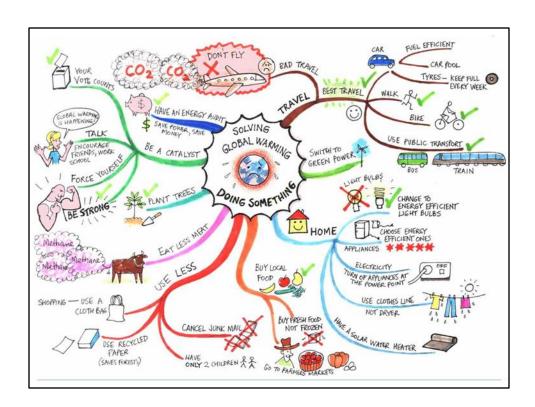
#### **NOW IS THE TIME**

- ➤ The future of the struggling fracking industry largely depends on the complicity of Europe to continue importing fracked gas and expanding its LNG infrastructure to further increase its imports as the US heads toward providing more than half of the world's gas supply by 2035 thanks to fracking.
- The massive EU market, which is the second largest consumer of gas in the world, is providing a lifeline to a heavily leveraged financial bubble that is currently undergoing its worst crisis to date, and one which presents an enormous opportunity for environmental movements to come together and deal it a permanent and final blow before it can recover and resume its endless expansion around the world.

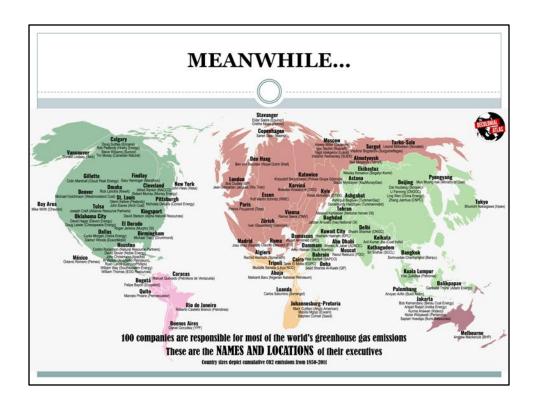
### VII.

# An Opportunity for a Paradigm Shift in the Climate Movement

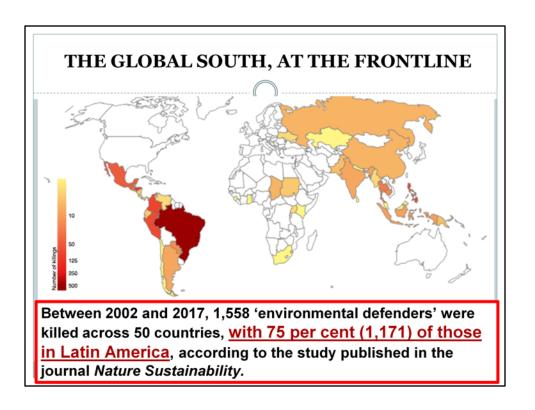




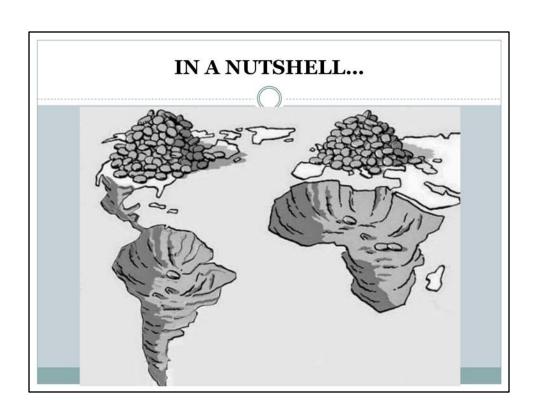
https://creative conflict wisdom. word press. com/2011/05/18/global-climate-change-mind-map/

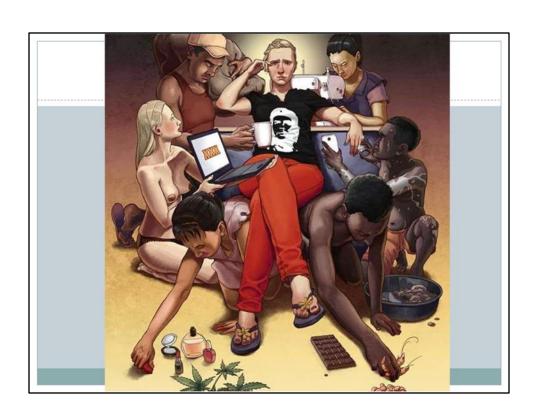


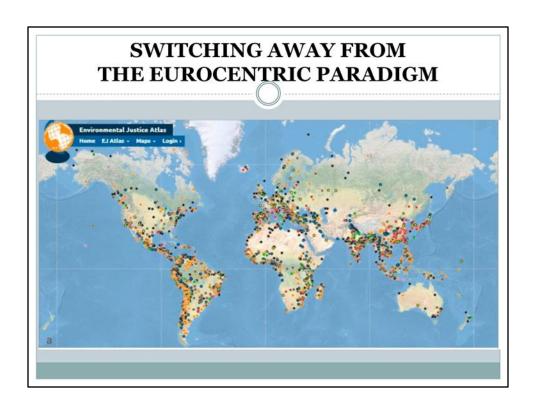
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https://www.youtube.com/watch?v=Ziryacd5vlw

#### TIME FOR ACTION!

 $\frac{https://www.youtube.com/watch?v=nP4mxV0}{YF\_0\&t=7s}$ 

