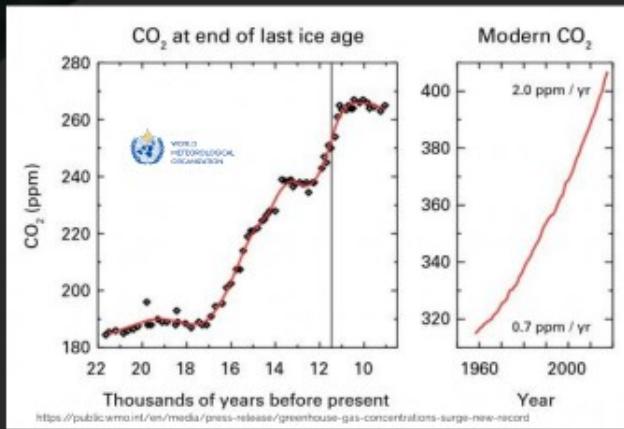




LEARN



DO WE?

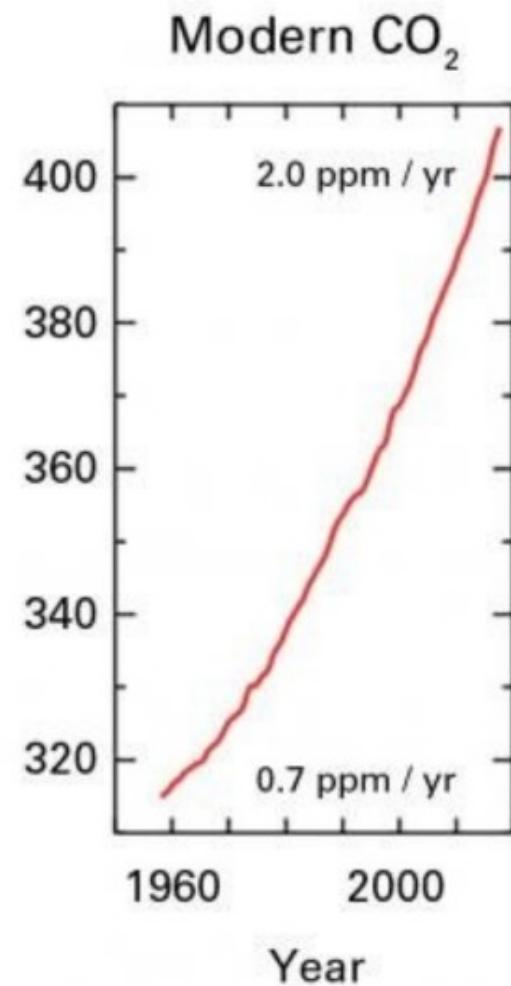
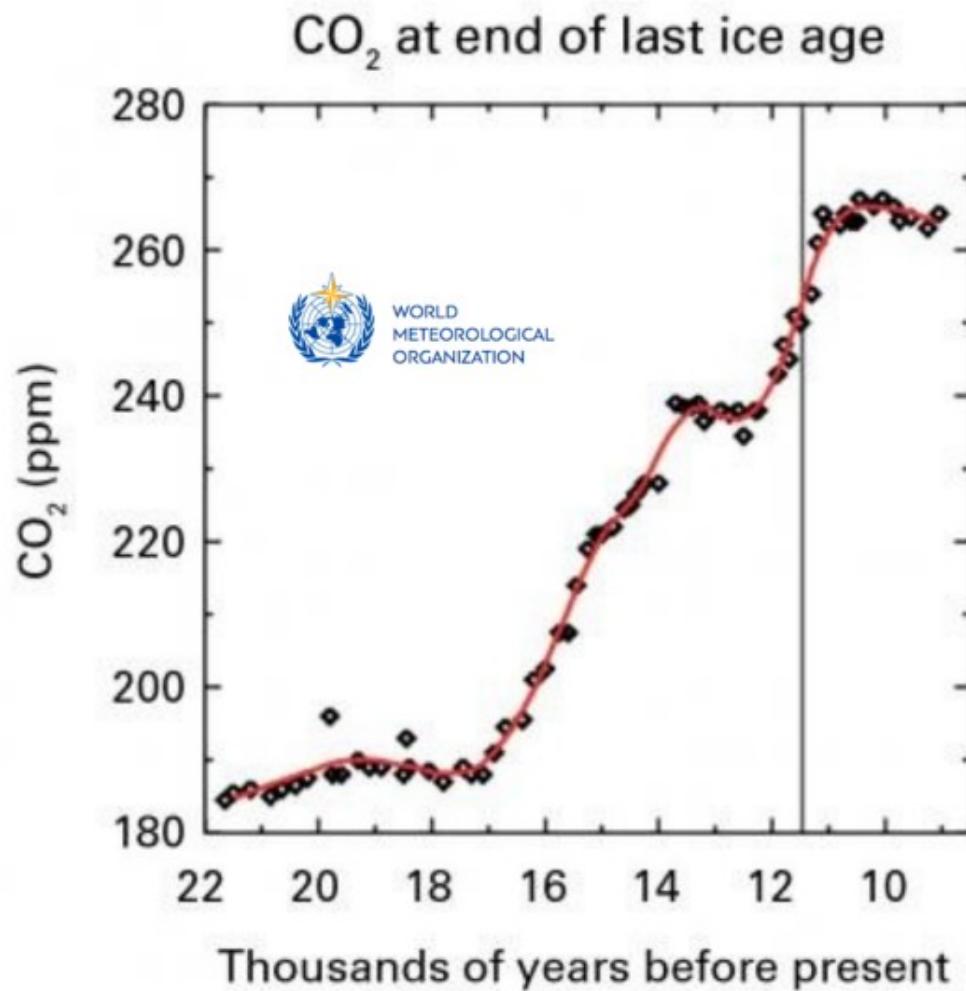


The rate of increase of atmospheric carbon dioxide (CO<sub>2</sub>) over the past 70 years is nearly 100 times larger than that at the end of the last ice age.



UNDERSTANDING  
BLOCKED

MERCHANTS  
OF DOUBT



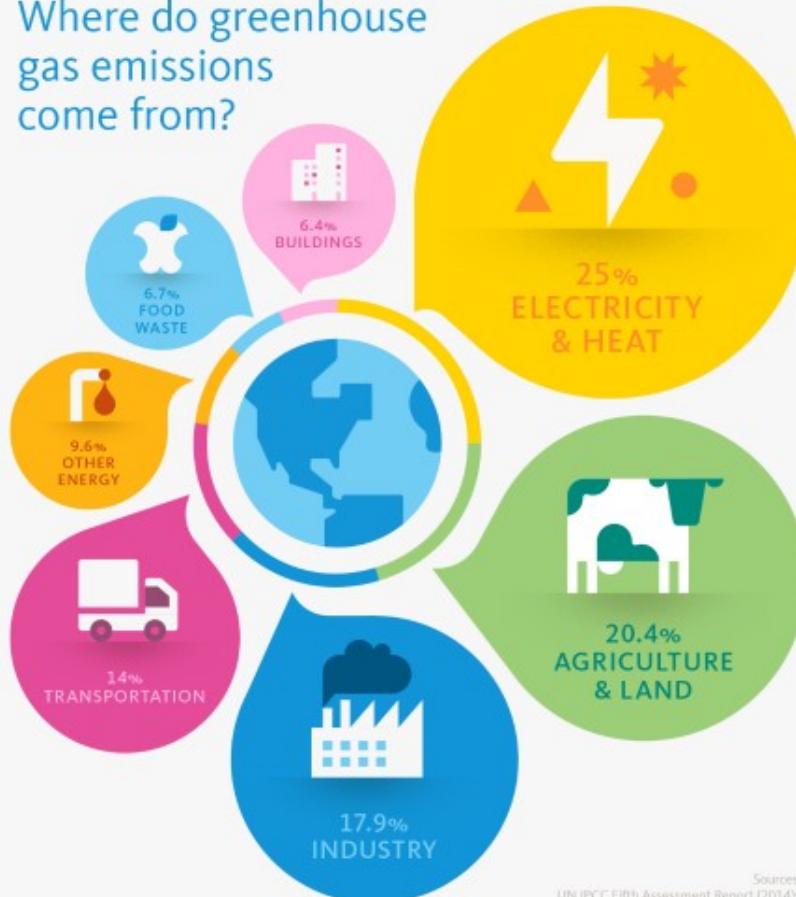
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<https://public.wmo.int/en/media/press-release/greenhouse-gas-concentrations-surge-new-record>

# MOBILITIES RESEARCH

people  
objects  
information  
ideas  
resources

Where do greenhouse  
gas emissions  
come from?



UNIVERSITY  
OF  
CALIFORNIA

Learn more at  
[climate.universityofcalifornia.edu](http://climate.universityofcalifornia.edu)

Sources:  
UN IPCC Fifth Assessment Report (2014);  
UN FAO Food Wastage Footprint (2013)

Percent of global greenhouse gas emissions

corporeal  
physical  
imaginative  
virtual  
communicative

# UNDERSTANDING BLOCKED



## BY 'BALANCE'



# MERCHANTS OF DOUBT

effort would be given to a crusade against cigarettes.

Doubt is our product since it is the best means of competing with the "body of fact" that exists in the mind of the general public . . .

the means to do this is to . . . also

recognize that we are in some way harmful to the health.

If we are successful in establishing a controversy at the public level, then there is an opportunity to put across the real facts about smoking and health. Doubt is also the limit of our "product".

## Doubt is our product

# MERCHANTS OF DOUBT

Naomi Oreskes  
& Erik Conway

## MERCHANTS OF DOUBT

A FILM BY ROBERT KENNER





# ACT





CBCnews | Opinion

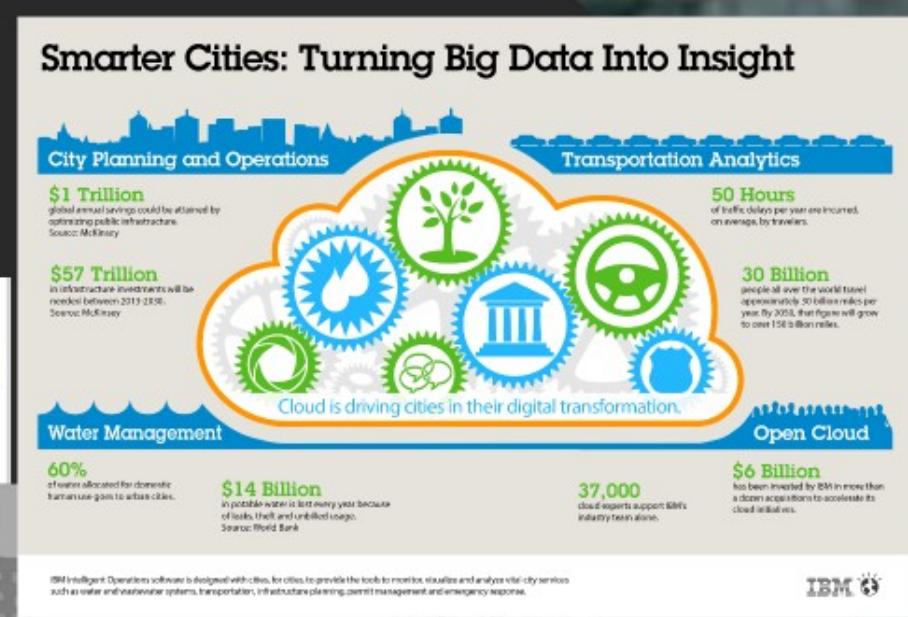
Home Opinion World Canada Politics Business Health Entertainment Technology & Science Video

Home

## OPINION | Cambridge Analytica has blurred the line between persuasion and manipulation

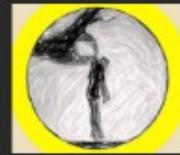
The company identified the psychographics of individuals to create deliberately provocative messages.

By Alicia Warriner, for CBC News | Posted: Mar 23, 2018 4:08 AM ET | Last Updated: Mar 23, 2018 4:08 AM ET





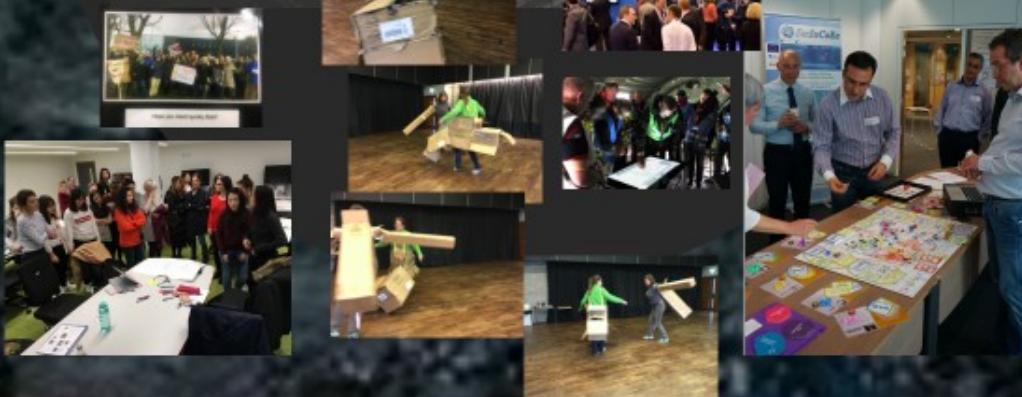
# CHANGE



**EDUCATION ... IS THE PRACTICE OF  
FREEDOM, THE MEANS BY WHICH MEN  
AND WOMEN DEAL CRITICALLY AND  
CREATIVELY WITH REALITY AND  
DISCOVER HOW TO PARTICIPATE IN THE  
TRANSFORMATION OF THEIR WORLD.**

Banking model  
of education

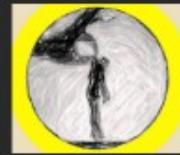
PAULO FREIRE







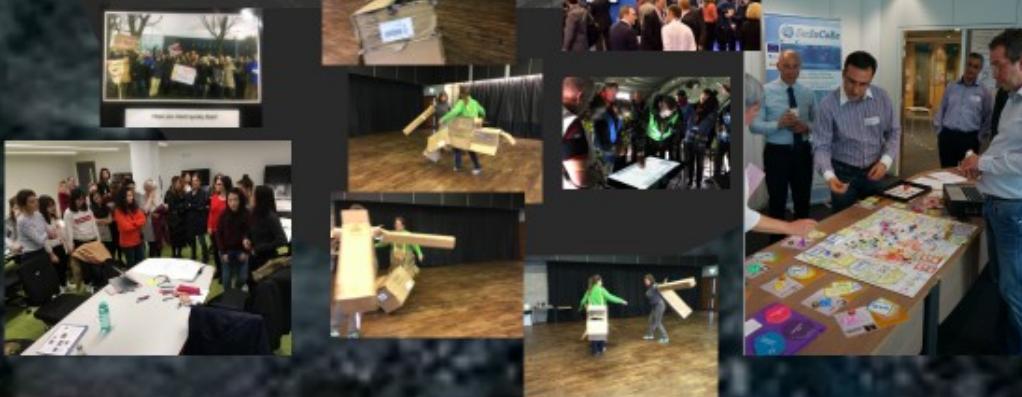
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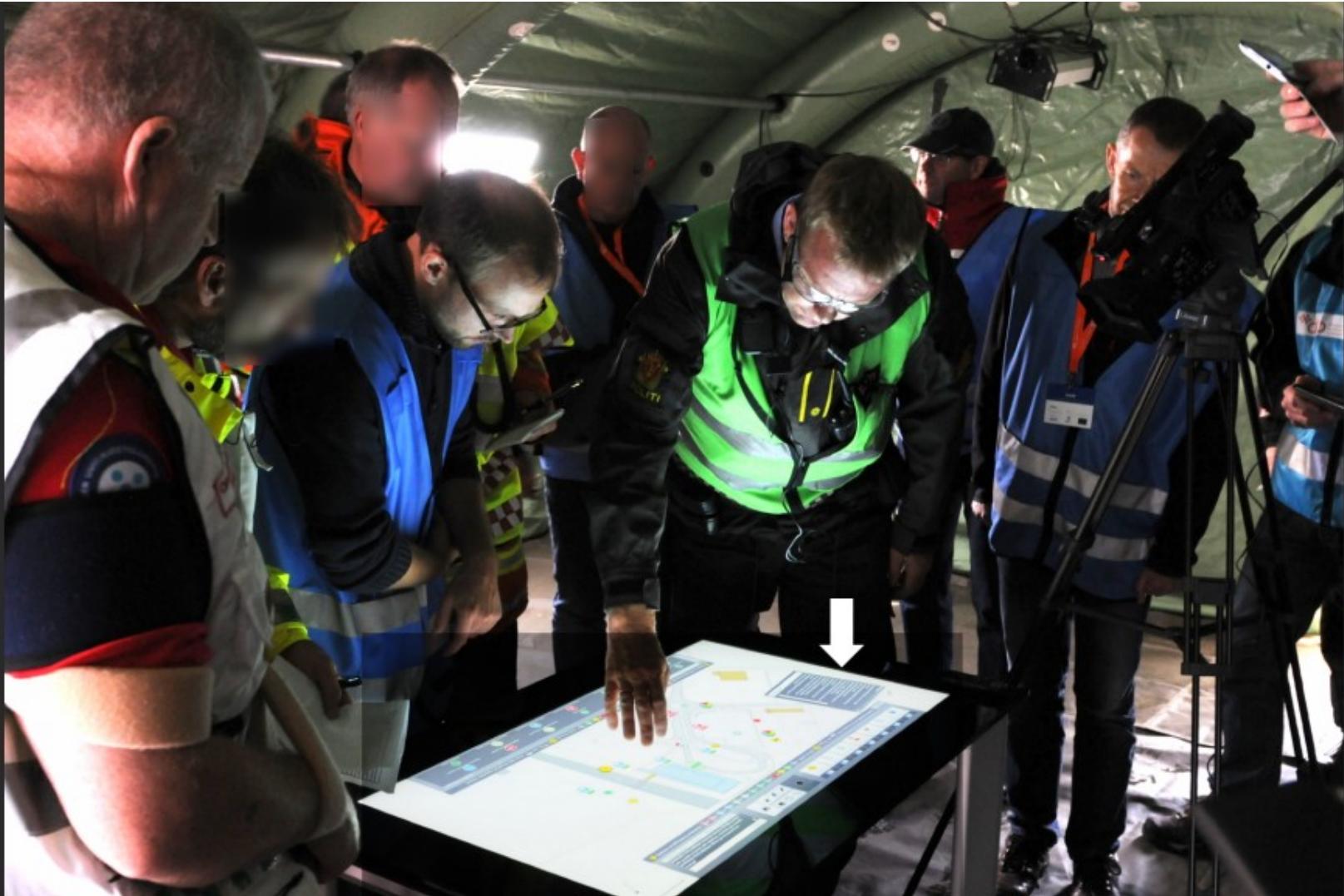








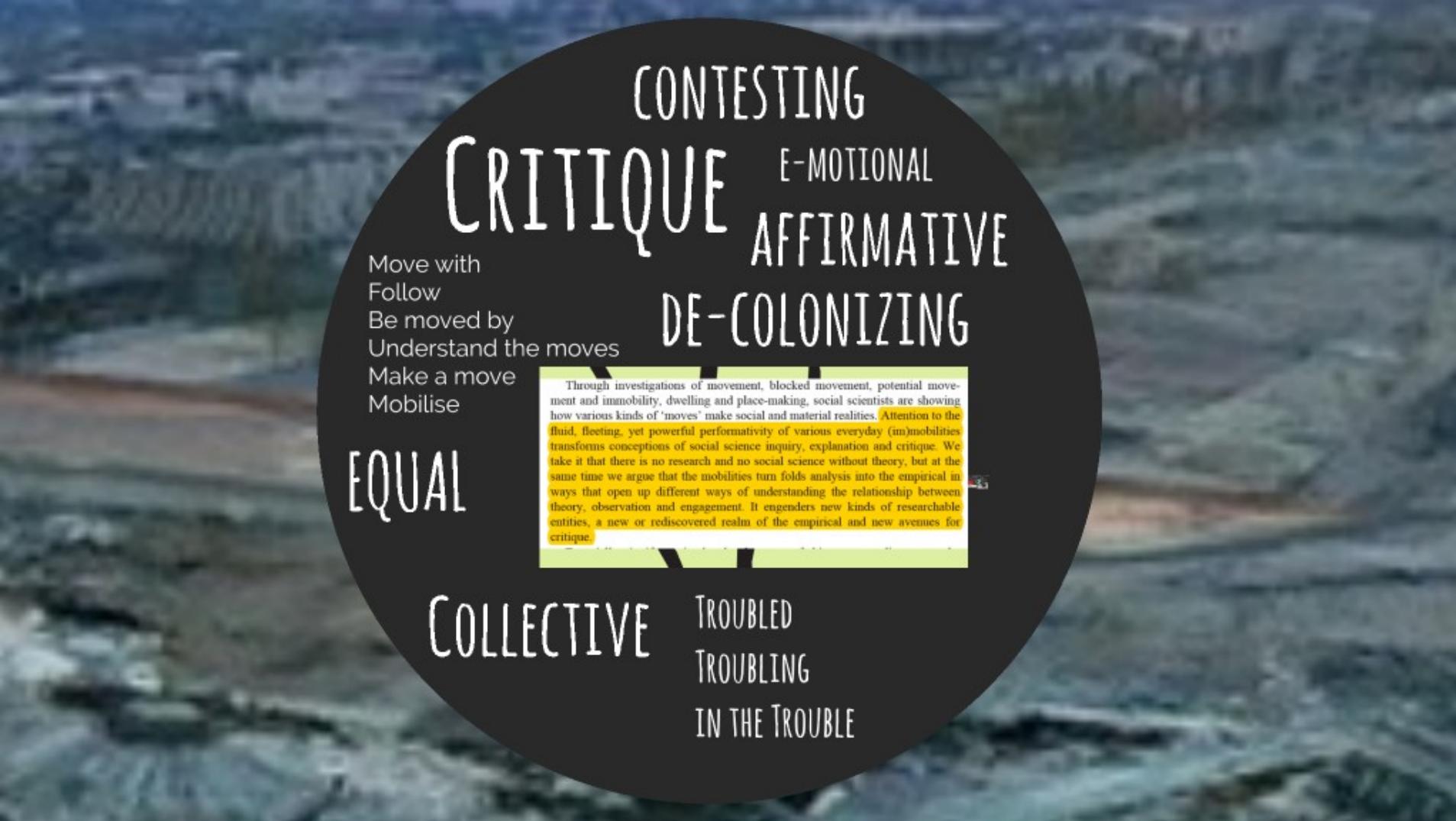












# CONTESTING CRITIQUE E-MOTIONAL AFFIRMATIVE DE-COLONIZING

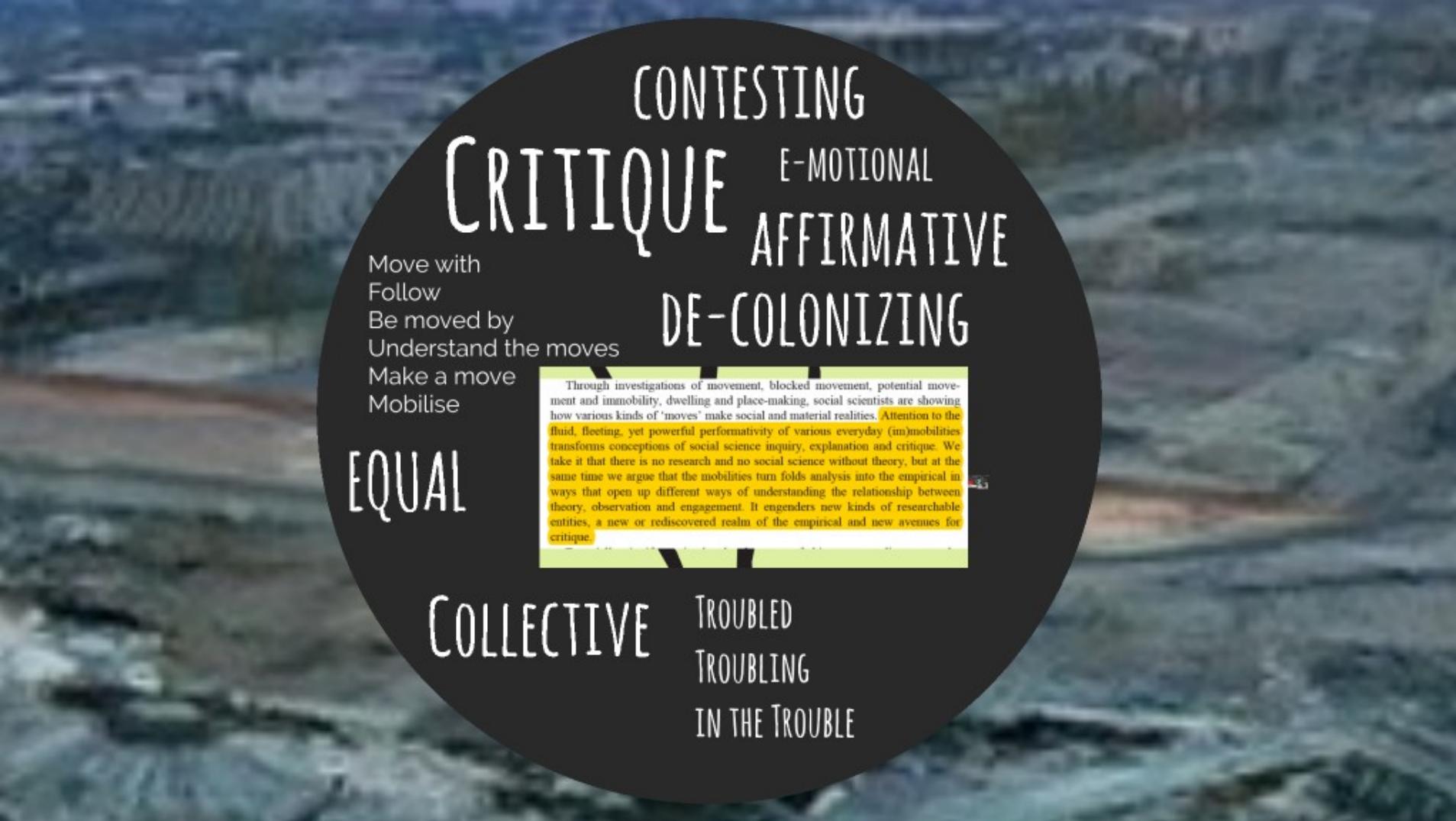
Move with  
Follow  
Be moved by  
Understand the moves  
Make a move  
Mobilise

## EQUAL

## COLLECTIVE TROUBLED TROUBLING IN THE TROUBLE

Through investigations of movement, blocked movement, potential movement and immobility, dwelling and place-making, social scientists are showing how various kinds of 'moves' make social and material realities. Attention to the fluid, fleeting, yet powerful performativity of various everyday (in)mobilities transforms conceptions of social science inquiry, explanation and critique. We take it that there is no research and no social science without theory, but at the same time we argue that the mobilities turn folds analysis into the empirical in ways that open up different ways of understanding the relationship between theory, observation and engagement. It engenders new kinds of researchable entities, a new or rediscovered realm of the empirical and new avenues for critique.

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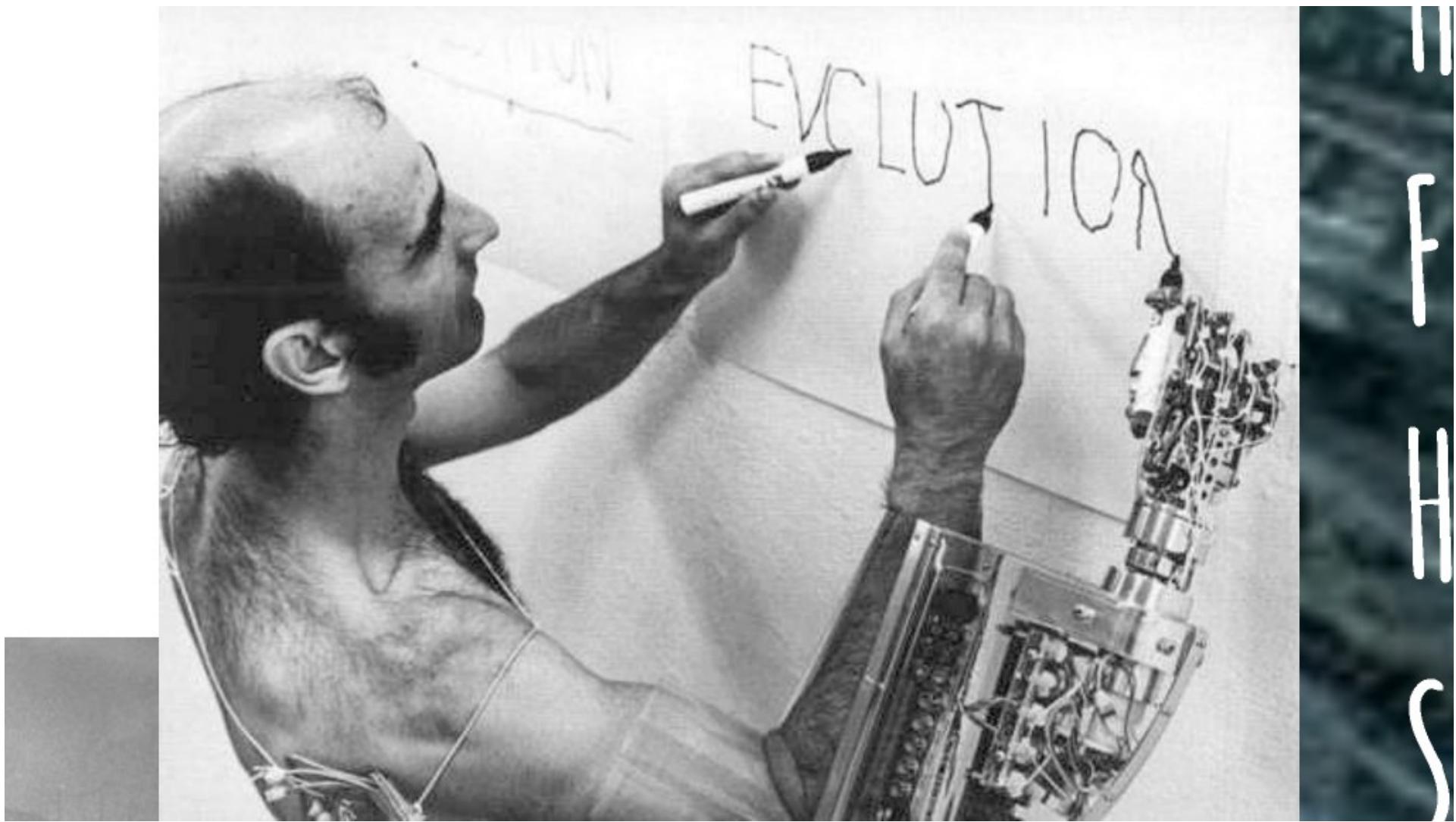


... the government was slow to act against domestic smoke – identified by the Investigation as the leading source of urban air pollution in the early 1920s – because politicians were unwilling to impose unpopular restrictions on individual freedom.

Mosley 2009:295



© Getty Images











STAND WITH FRONTLINE COMMUNITIES IN OUR FIGHT FOR ENVIRONMENTAL JUSTICE, AGAINST THE RAVAGES OF TOXIC CHEMICALS AND CLIMATE CHANGE.

# TRANSITION? (IM) POSSIBLE?

How can students be more useful? When?



# HUMAN RIGHTS, VALUES HUMAN FLOURISHING HUMAN SECURITY

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Mosley 2009:295

Distribution of the Sensible (Rancière)  
**Radically reflexive practice**

Collaborative  
Experimental  
Embodied  
Egalitarian  
Transformative  
For 'Good'  
Infrastructuring for contestation

# MORE-THAN HUMAN PLANET

