### Disinformation pandemic

#### Practical info

- 17<sup>th</sup> Nov holiday
- 24<sup>th</sup> Nov ideation
- 1st Dec prototypes, feedback
- 8<sup>th</sup> Dec final presentation
- 15<sup>th</sup> Dec colloquium (16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup>)
  - In this classroom, in the library or on-line

# What are the elements of the rational discussion?

Prepare your statements

- "The Earth is flat"
  - **■** Green = agree
  - Red = disagree

# Rational arguments: Why don't they work?

#### What problems do we face?

- Science as a religion
- Cognitive dissonance
- Motivated reasoning
- Confirmation bias + other biases
- Back-fire effect
- Emotions
- Argumentation fauls

## Some approaches

- Street epistemology
- IKEA effect
- Debunking handbook

**FACT** 

 Lead with the fact if it's clear, pithy, and sticky—make it simple, concrete, and plausible. It must "fit" with the story

WARN
ABOUT
THE MYTH

• Warn beforehand that a myth is coming... mention it once only.

EXPLAIN FALLACY • Explain how the myth misleads.

FACT

 Finish by reinforcing the fact—multiple times if possible.
 Make sure it provides an alternative causal explanation.

# Let's try it again