

High-quality Online Deliberation using Hybrid Intelligence

Enrico Liscio and Michiel van der Meer

SOCIAL media ARE BAD!

Wisdom of the crowd



Diversity



Equality



Independence

Solution: Deliberation

Designed to parse the
wisdom of the crowd



Social media promote:

Content consumption

Sensational content

Local networks

Deliberation promotes:

Content creation

Reasoning

Inclusivity



Scaling deliberation



AI-supported



Online



Text-based

Why? All in service of **scaling**

Scaling deliberation

Scale Up

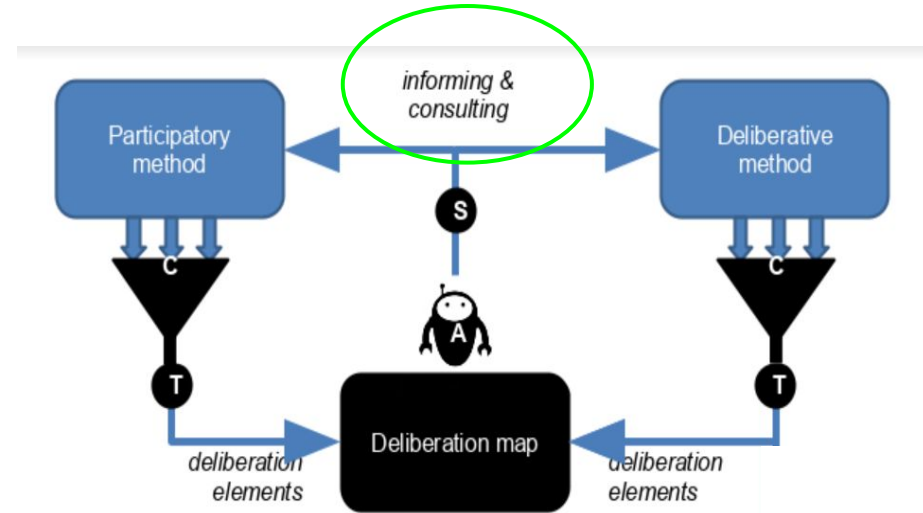


Scale Out

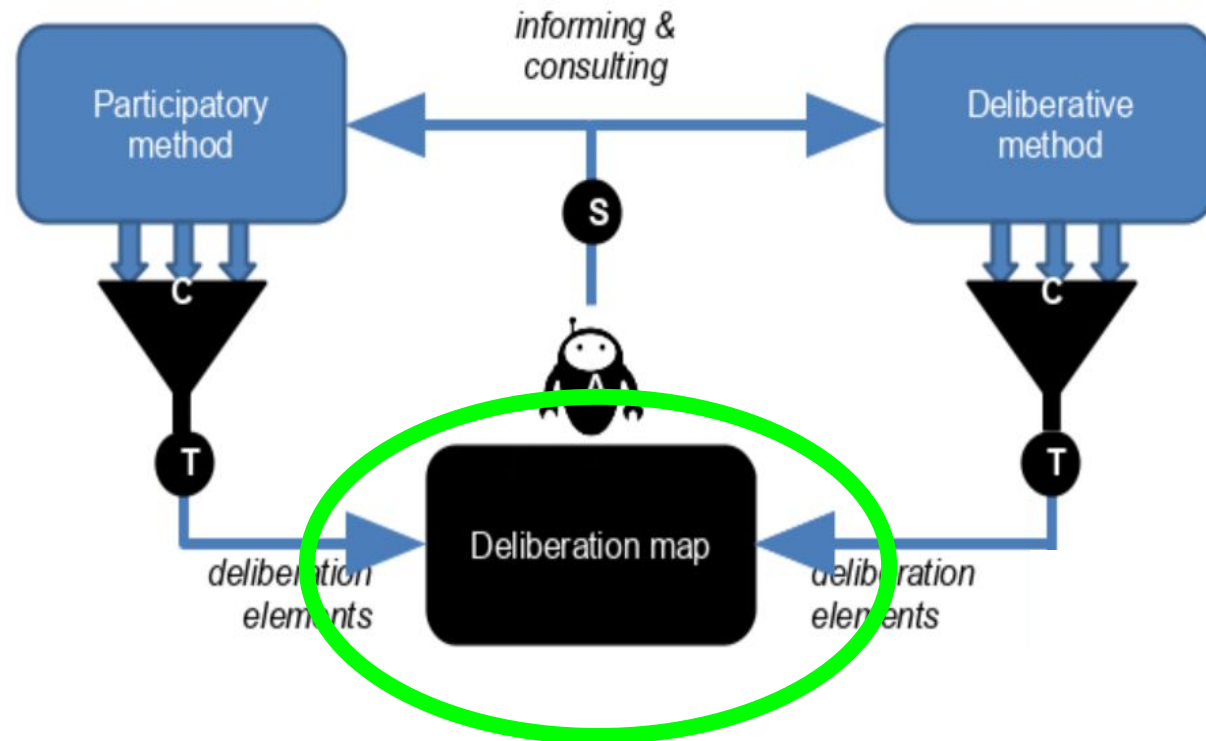


Effectively helping humans in deliberation

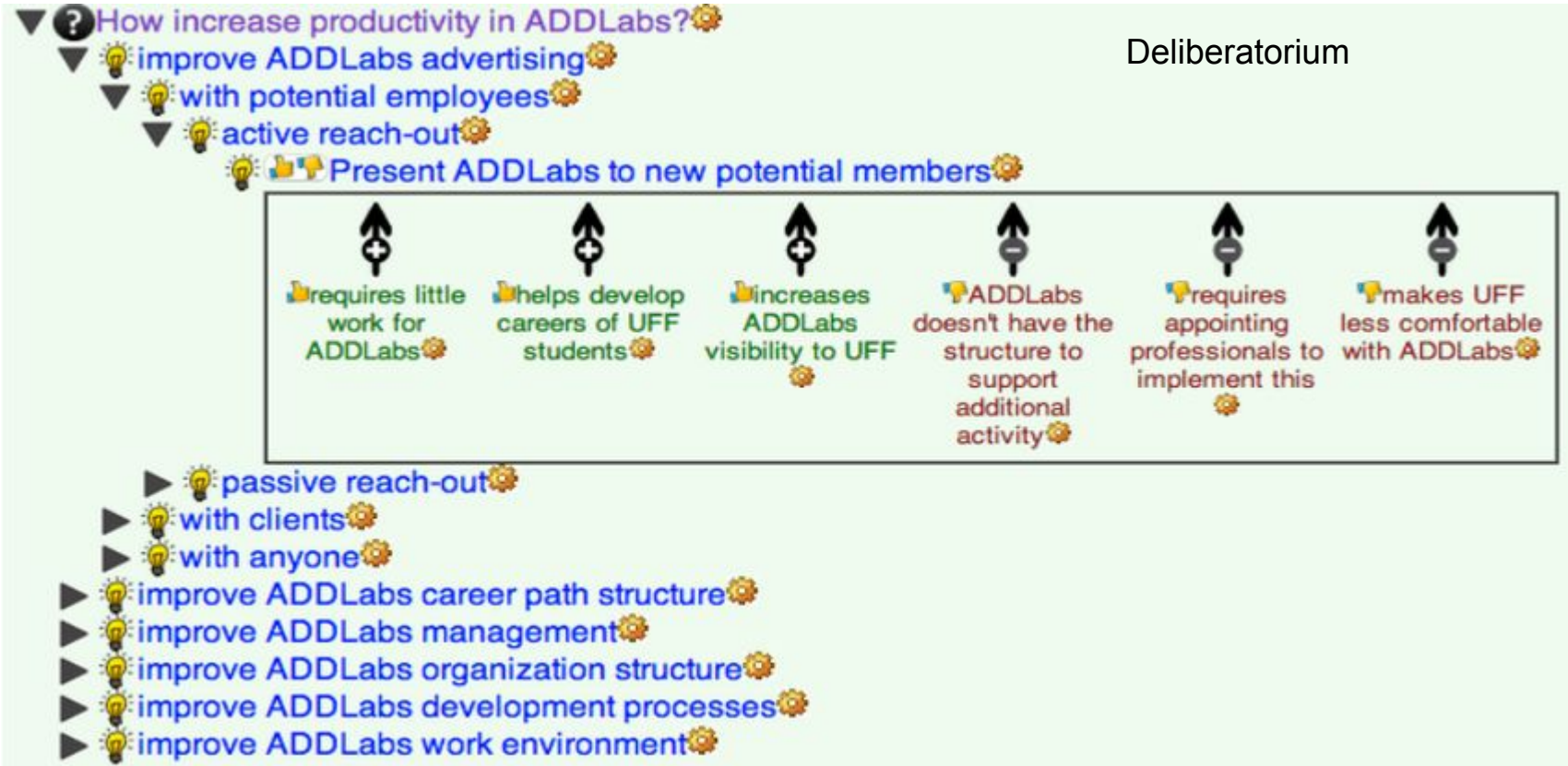
- Recording progress in a deliberation
- Analysis of content
- Personalized assistance
- Facilitation/moderation



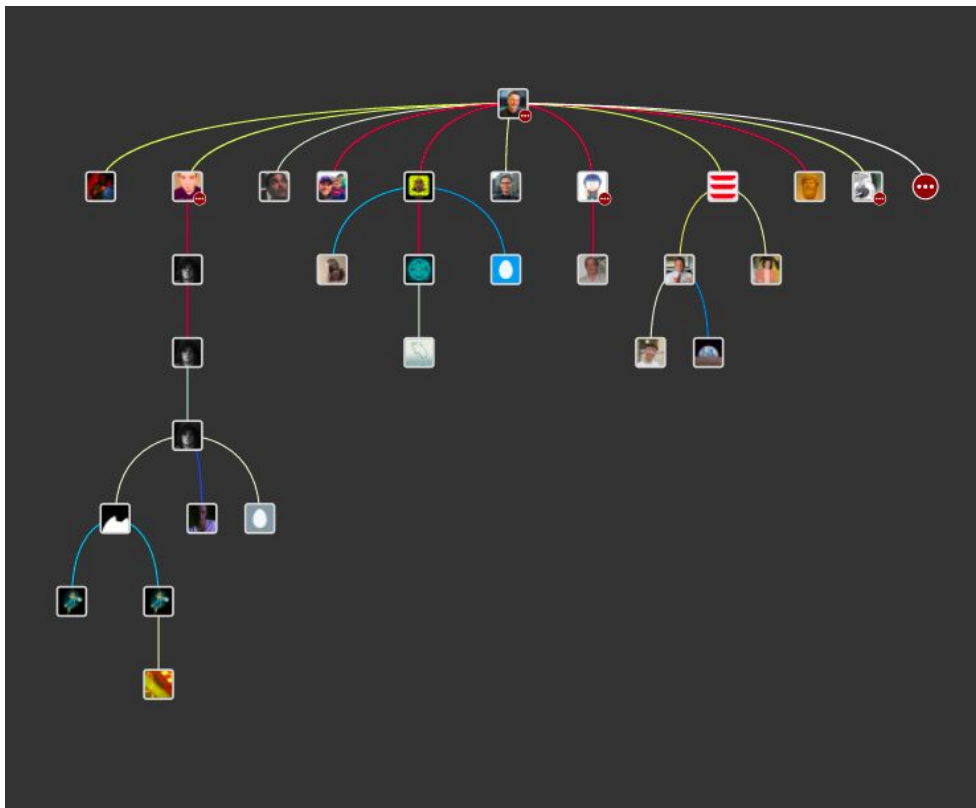
Deliberation map



Social media is not *that* bad..



Social media is not *that* bad..



<https://github.com/paulgb/Treeverse/blob/master/README.md>

Twitter



Elon Musk (@elonmusk)

Forming a rocket nozzle →



Craig R. Brittain (@CraigRBrittain)

This is the GIF era @elonmusk.

Stop with your primitive video content and evolve into glorious GIFs. →



H.M. (@ThatPersonHM)

@CraigRBrittain @elonmusk But gifs don't look nearly as good, and they don't have sound so... →



H.M. (@ThatPersonHM)

@CraigRBrittain @elonmusk @ThatPersonHM Therefore, it is indeed not a "glorious" gif →



H.M. (@ThatPersonHM)

@CraigRBrittain @elonmusk And when Elon Musk posts an awesome video behind the scenes @SpaceX we should be glad he did a video, not a gif →



Mingye Wang 2.2.1 (@Artoria2e5)

@ThatPersonHM @CraigRBrittain @elonmusk @SpaceX not to mention that Twitter's gifs are basically mp4 w/o sound →



Lazara (@TheLazara)

@Artoria2e5 @ThatPersonHM @CraigRBrittain That's the worst part. If you want to share the 'gif' yourself, you have to download the "gif" - →



PopupHeadlight (@PopupHeadlight)

@TheLazara @Artoria2e5 @ThatPersonHM @CraigRBrittain Guys, I know sarcasm doesn't read well, but c'mon... →

Hybrid Intelligence

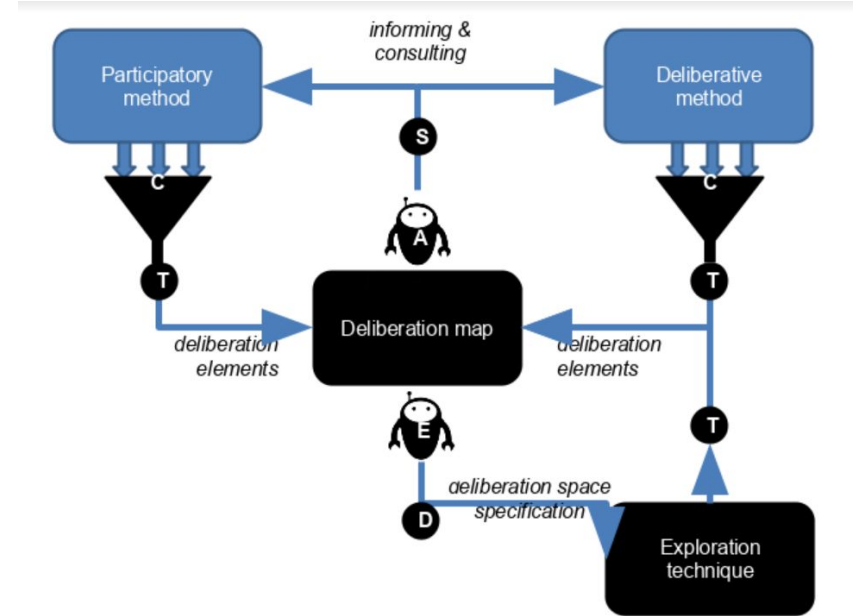
- Use Hybrid Intelligence
 - *Augmenting human intellect*
 - Feasibility (create synergy)
 - Efficiency
 - Accuracy
 - Trust
- Do so through 4 research pillars
 - CARE
 - E.g. Explainability for transparency



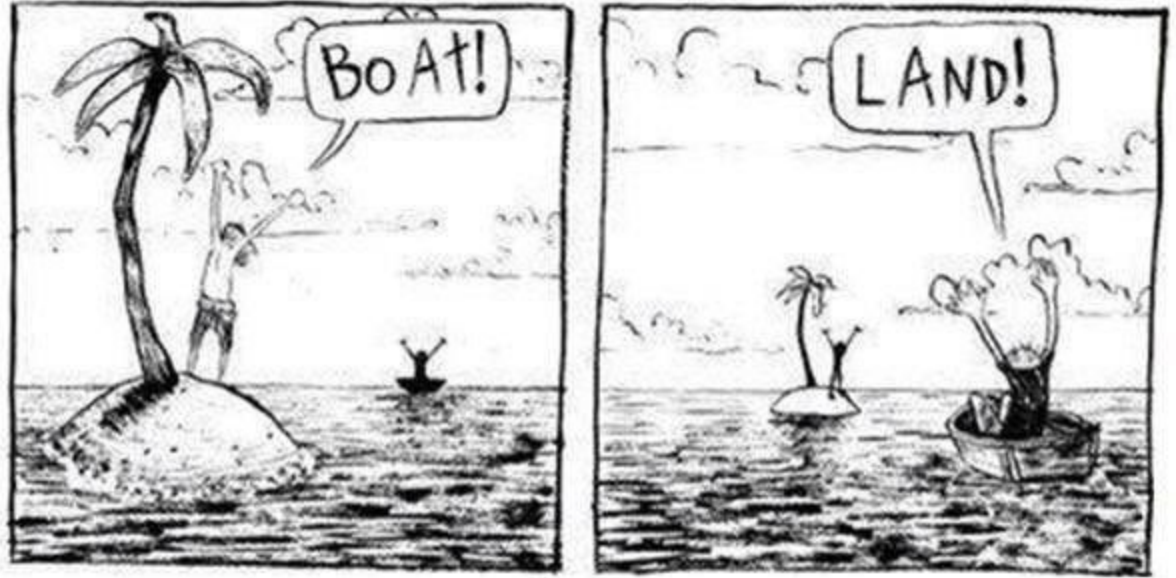
More info: <https://www.hybrid-intelligence-centre.nl/>

Filling the deliberation map

- We've talked about some examples of what we'd like to do
- What to store in the deliberation map?
 - i. Perspectives
 - ii. Values
 - iii. ...



Perspectives



- “*Perspective taking*” - actively contemplating other’s psychological experiences
 - Been shown to increase reciprocity
- Find problems, solutions, criteria we didn’t know about previously

Perspectives - arguments

Simple case

I think that vaccinations are bad because X

Realistic case

“Any doctor who tells an individual patient that all vaccines are “safe and effective” is lazily parroting the CDC being coerced by health employer quotas and peer pressure, or is a believer of a philosophical construct of any means to reach an end, as the government’s own data on public databases clearly states that vaccines are neither safe nor effective when the commonly understood definitions are applied.”

Perspectives - arguments

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Doctors that tell patients that vaccines are safe and effective are *lazily parroting* the CDC

Doctors that tell patients that vaccines are safe and effective are believers of philosophical construct of any means to an end

Government data clearly states vaccines are not safe

Perspectives - attribution

Simple case

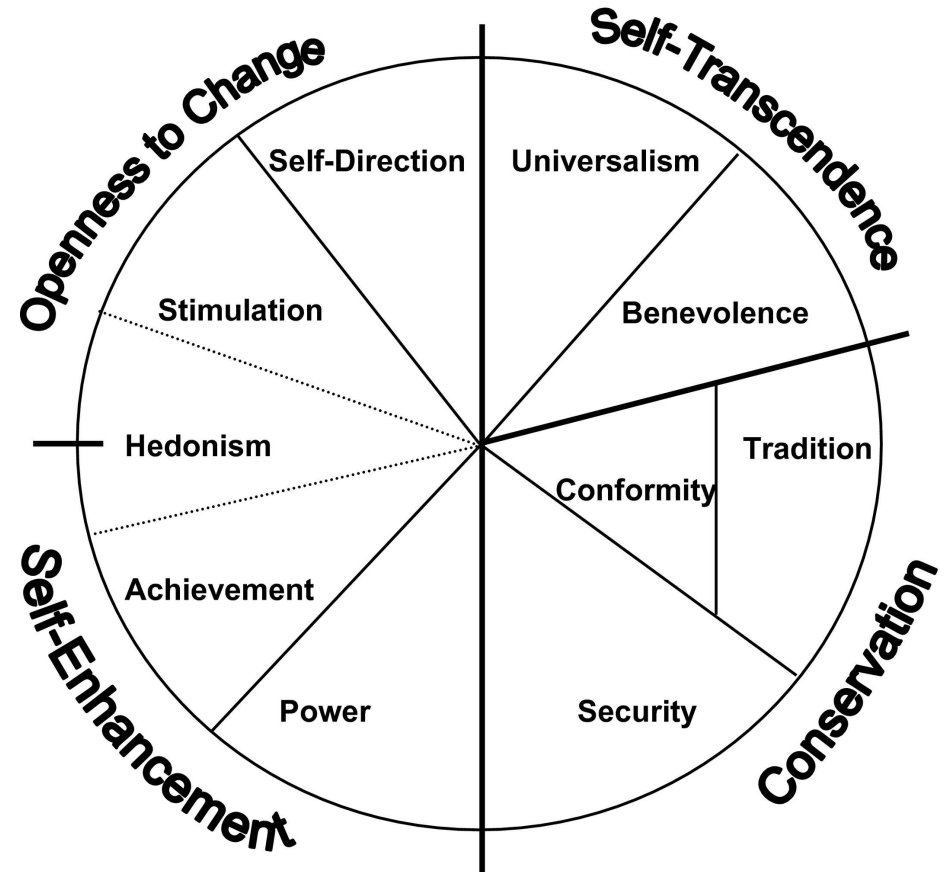
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Realistic case

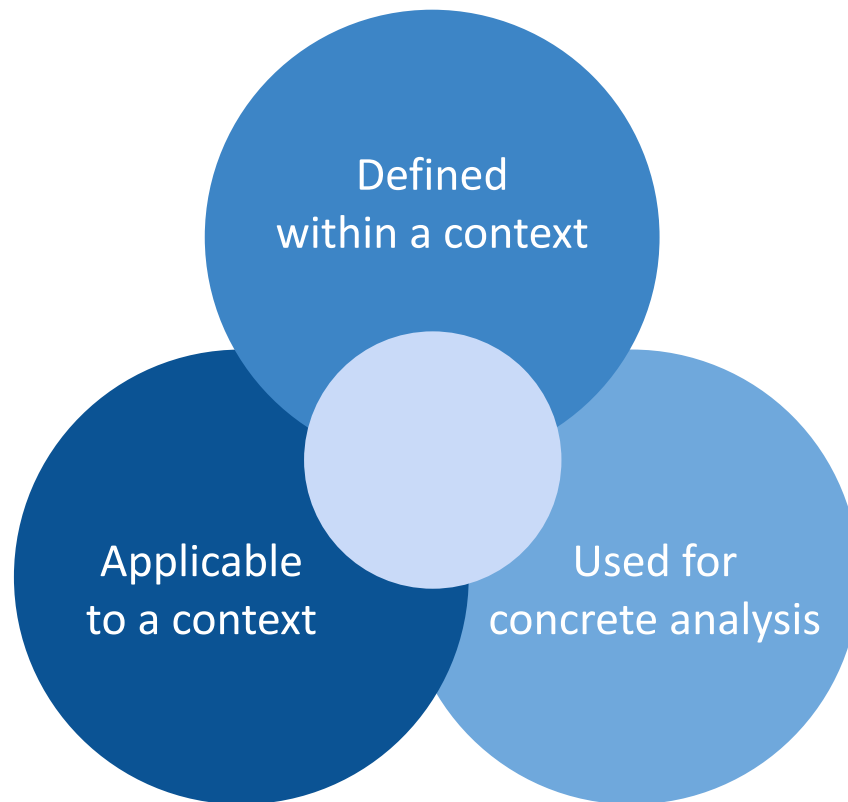
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Personal values

Abstract motivations that justify opinions and actions, intrinsically linked to feelings and goals.



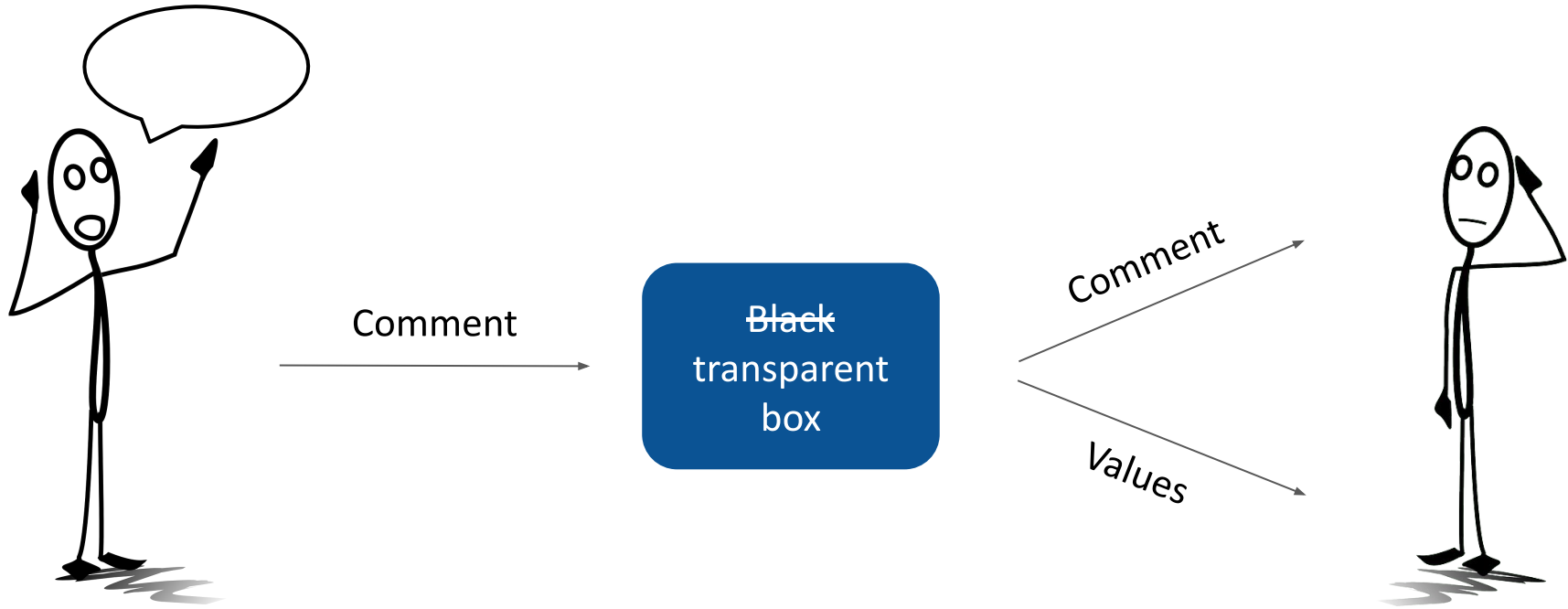
Context-specific values



How do we use values?



How do we use values?



Thank you for the attention!

Questions?

How do we get there?

