



WASTE WATER

Cape Town consumes 500 million liters of water a day. To secure its water adduction, an Iceberg would need to cover 20% of this.

That makes for a huge iceberg: 600 meters long, 300 meters wide and 200 meters deep

200 meters deep

600 meters long

All of that upon arrival, as we have to factor in what's melting off on the way.

300 meters wide



You'd have to focus around the wave line because waves crashing against them is the biggest way that Icebergs deteriorate





Given the surface of one of these icebergs, we would be talking of unrealisticly high amounts of material, though.

Hence Alan's model concentrates on unprotected icebergs.

For one of those to survive the foreseen route and have the expected size upon arrival, it would need to be 1 km long, 600m wide, and 300m thick

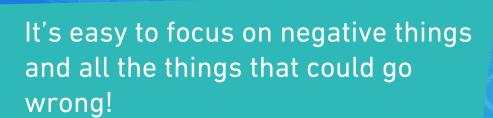
1 km long
300 meters thick

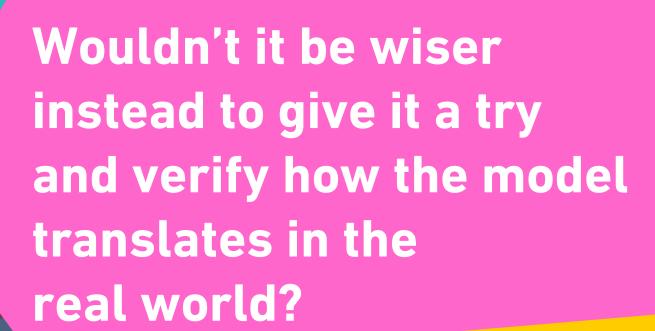
So roughly speaking, the Iceberg shall be five times larger upon capture than upon arrival.



... but probably also an infrastructure question that may be sorted with time and experience.







We also covered:

- The ecological impacts of an Iceberg tow
- The bigger picture around Day Zero and Water Scarcity in arid places in the world, like Cape Town
- How the ecological impacts of a one-time tow are probably negligible while the consequences of a repeated commercialscale activity would have to be studied
- How a successful proof of concept would enable verifying theory and possibly build the suited infrastructure to extract the best out of the Iceberg.
- How an Iceberg tow to Dubai is a different game than a southern hemisphere destination
- The financial equation of an Iceberg towing project, the scientific approach that would enable us to learn from the first tow, Nick Sloane's project... and much more!

Don't miss a single bite: head over to dww.show!

