

BALANCED TEAMS

HUMANITARIAN SYSTEM

NEEDS A REVOLUTION

NEEDS TO ADOPT

 OK

IN PERFECT SHAPE





BALANCED TEAMS

HUMANITARIAN SYSTEM

I AM POWERLESS

NEEDS A REVOLUTION

NEEDS TO ADOP

OK

IN PERFECT SHAPE



I CAN CHANGE IT

3

CERN, PHYSICS, TECHNOLOGY

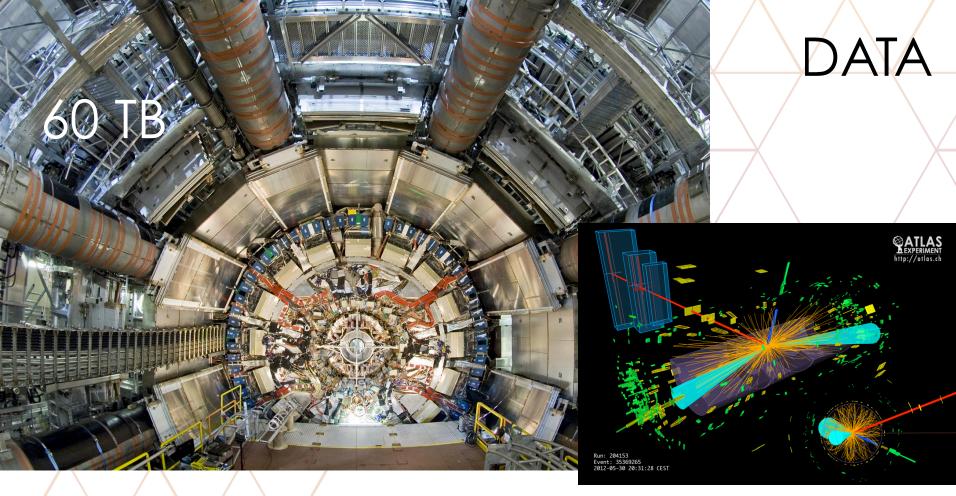
FORESIGHT PRACTIONER





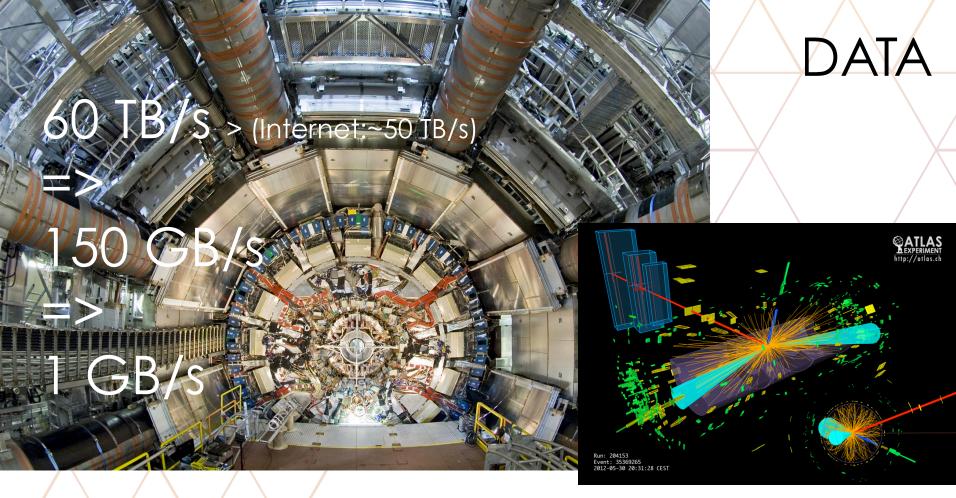
- Particle Physics, Large Hadron Collider, Higgs Boson
- Silicon & Diamond Detectors, HUGE data analysis













THE Port HUMANITARIAN HACKATHON AT CERN











• E.g. Better Body Bag







Global Humanitarian Lab

GLOBAL HUMANITARIAN LAB











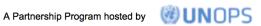












GHL is a cross-sector partnership of leading humanitarian organisations working together to tackle common challenges, envisions more efficient, effective and sustainable humanitarian action as a result of forward-thinking, locally-driven, and globally integrated ecosystem in which innovation can flourish.





Disclaimer No.0 NOT COMMUNICATION EXPERT



Disclaimer No.1 NOTFORCASTING





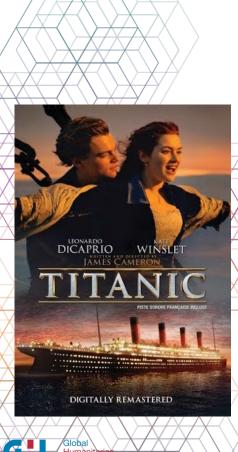


Disclaimer No.2 EXTREME COMPRESSION









"Rome & Juliet on a boat"







MHAS

"All these new things, these new inventions and new powers, come crowding along; every one is fraught with consequences, and yet it is only after something has hit us hard that we set about dealing with it."

- Elhadj?, Francesco?, Peter?, Yves?



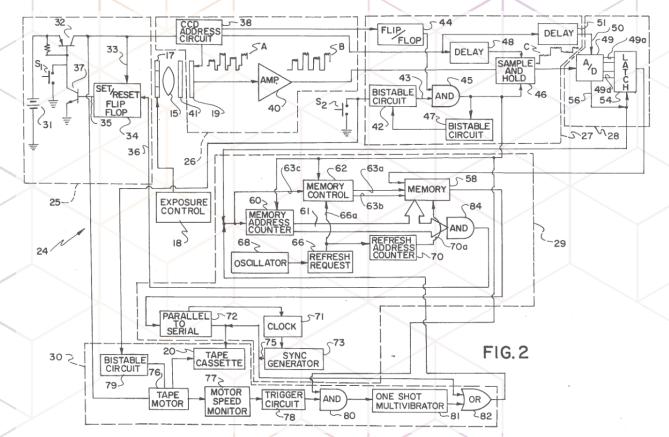
MHAS

"All these new things, these new inventions and new powers, come crowding along; every one is fraught with consequences, and yet it is only after something has hit us hard that we set about dealing with it."

- H.G. Wells, 1932



WHY? Innovation!



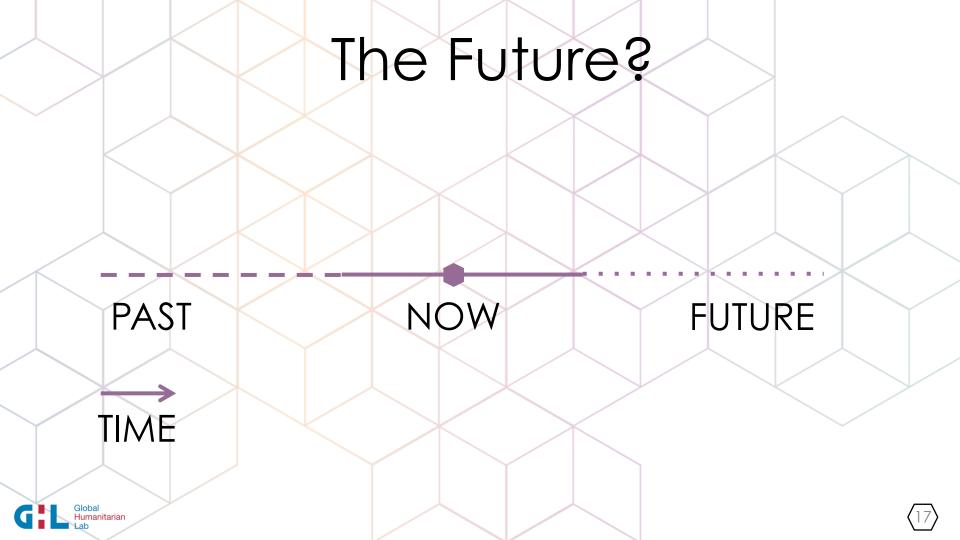
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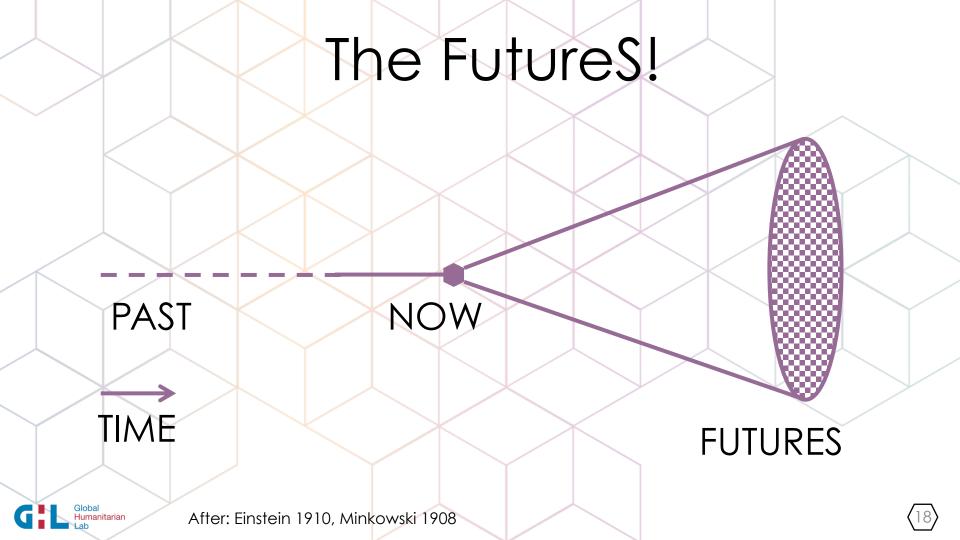
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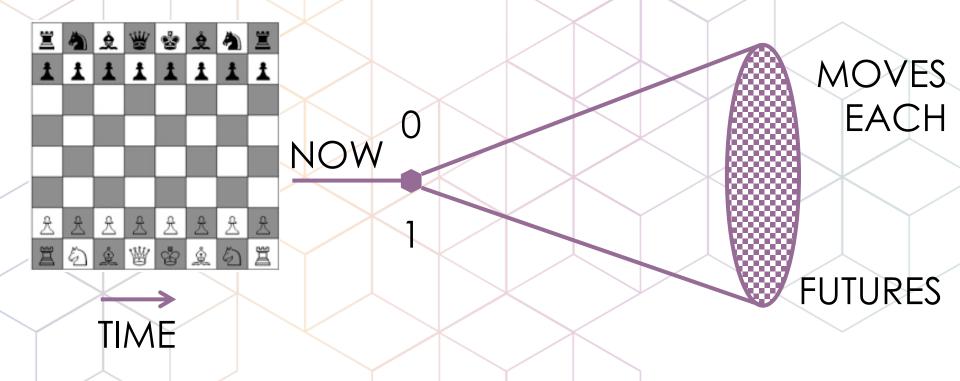
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Sheet 2

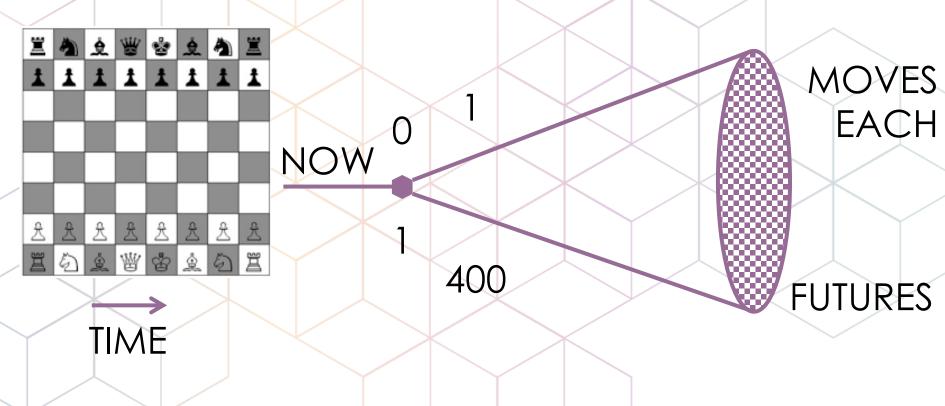


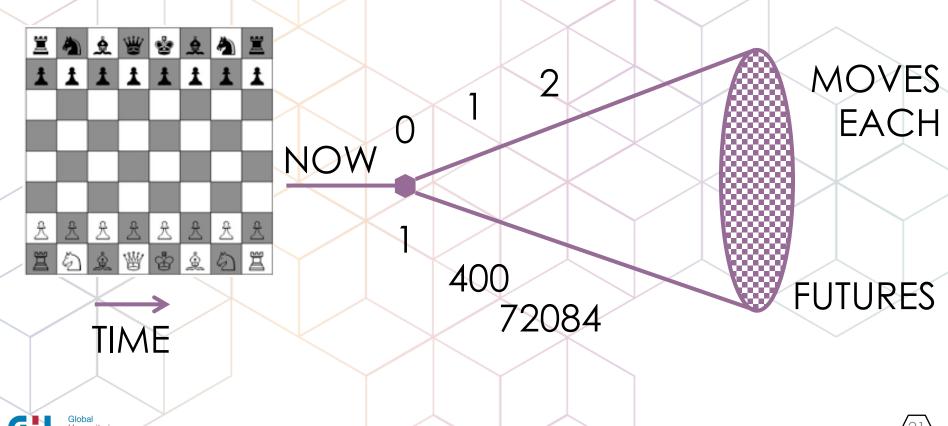


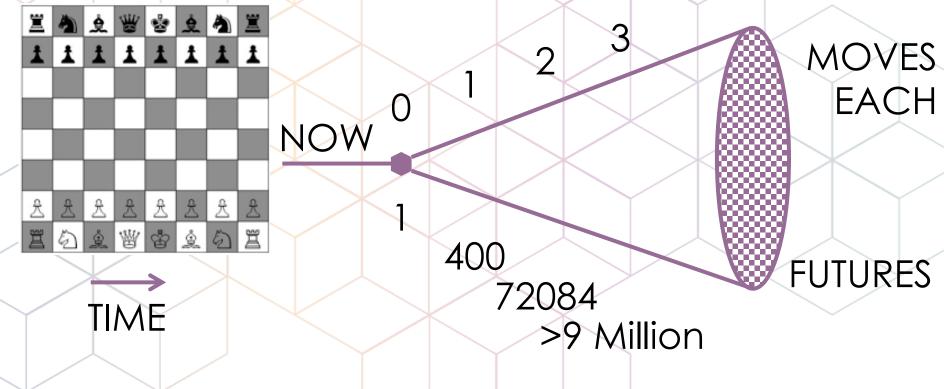






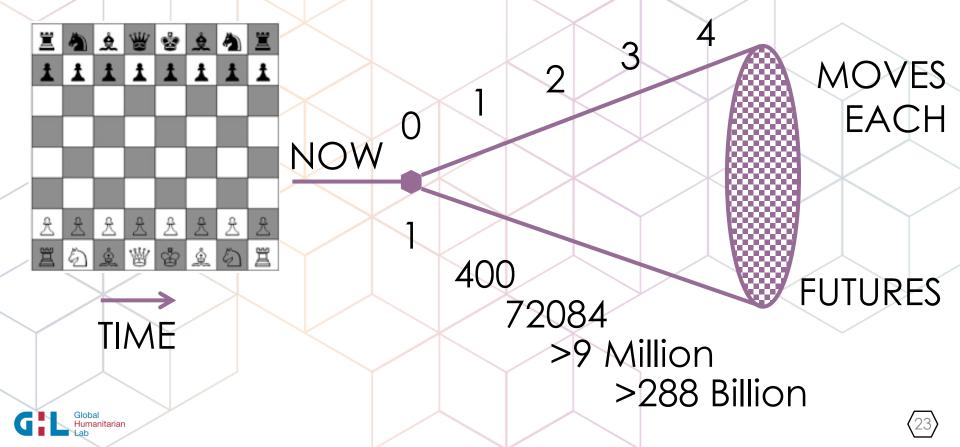




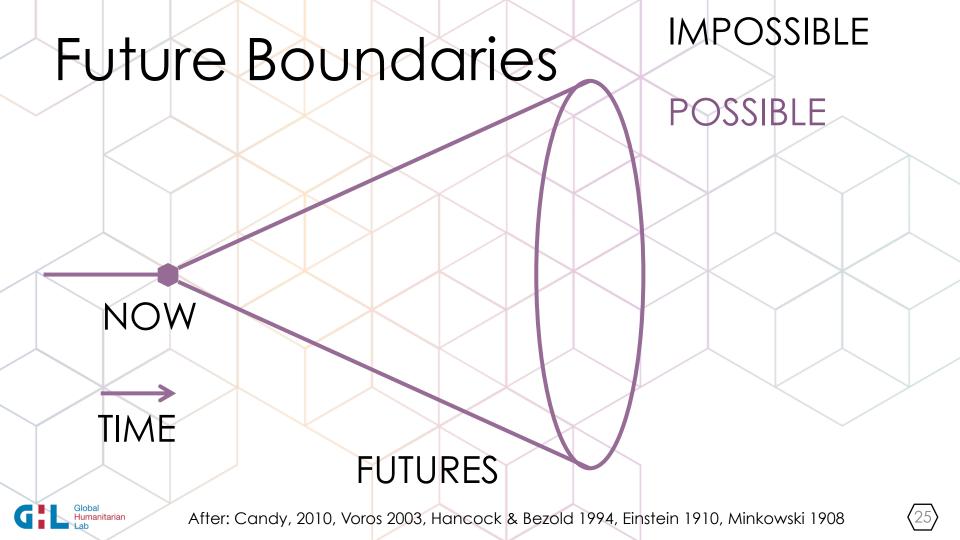


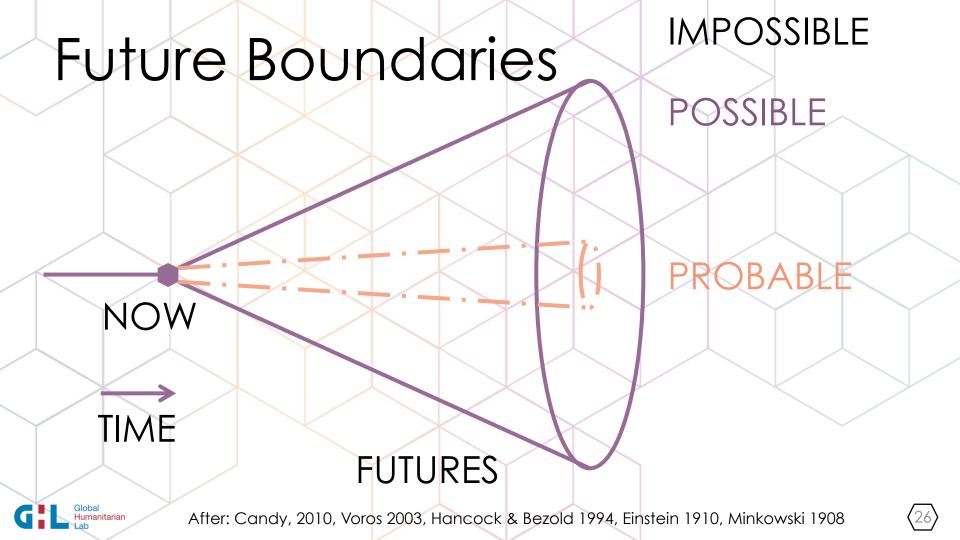


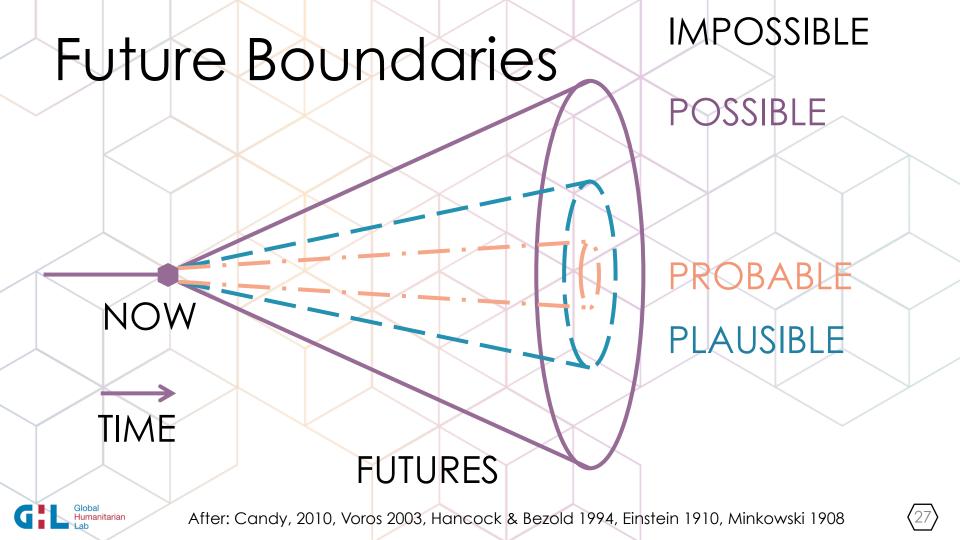


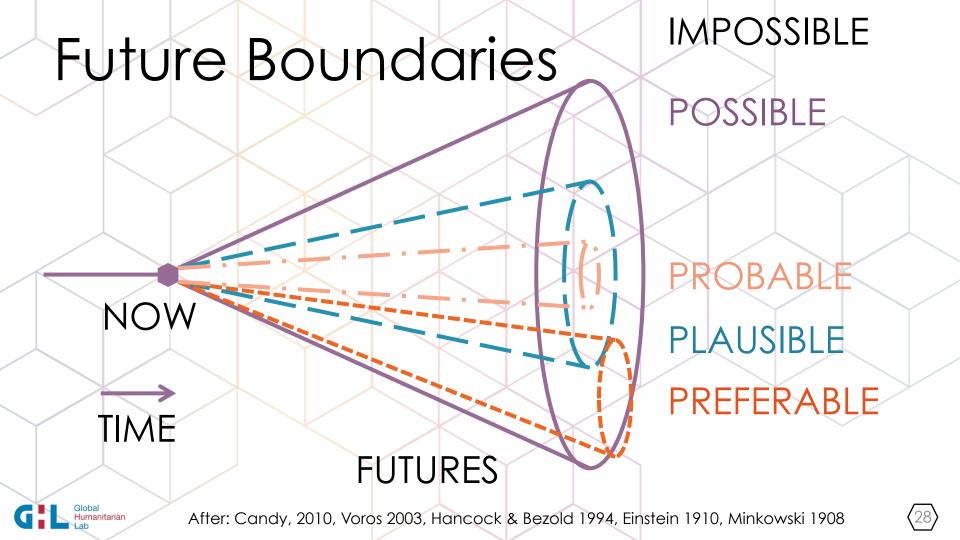


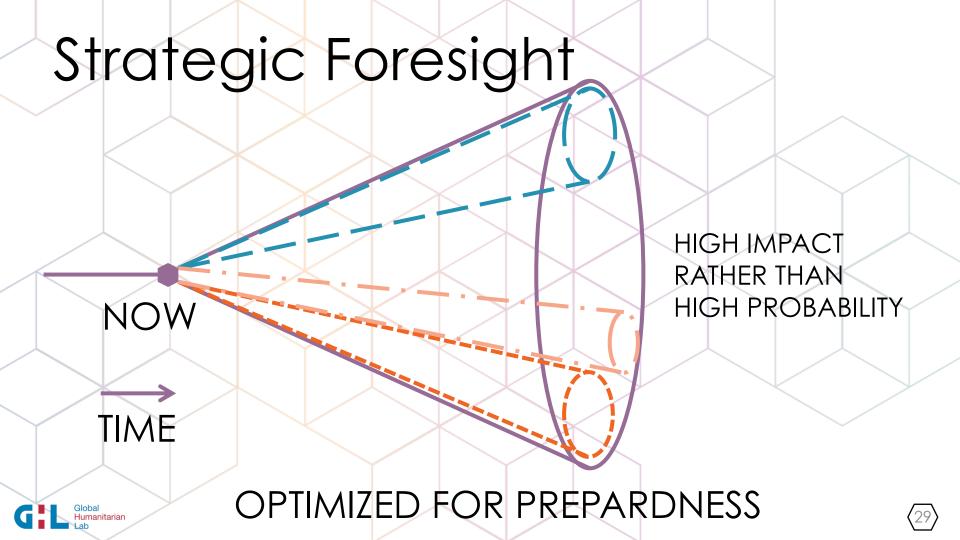
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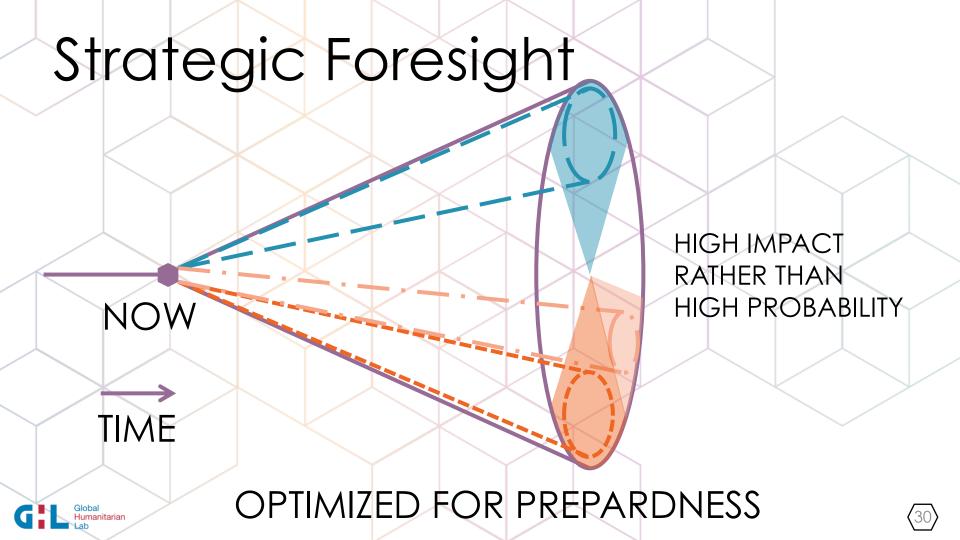




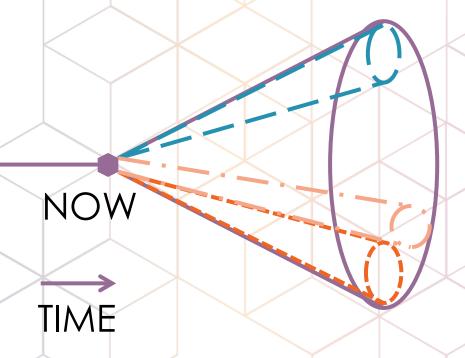








Strategic Foresight



"Any useful statement about the futures should at <u>first</u> appear ridiculous."

- Dator's second law





NASA Computing

1969



"In 45 years each of you will carry more than our entire computing in your pockets" - could have been a very ridiculous & useful statement



Flight Simulator Metaphor

PRAPARDNESS SCENARIOS

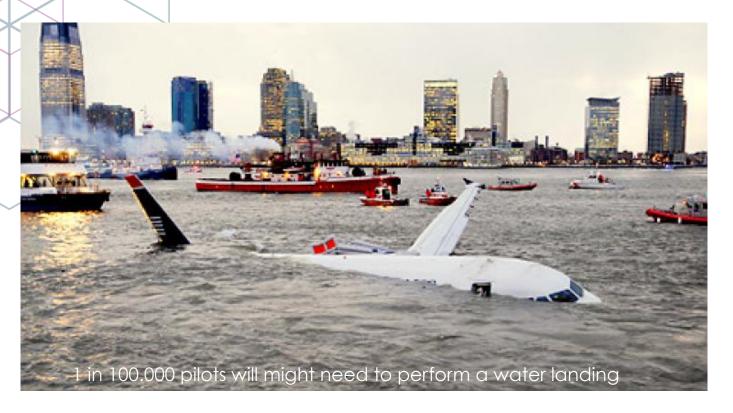




- Combinations of low probability high impact scenarios
- Optimized for preparedness



Flight Simulator Scenarios WATERLANDING









New Humanitarian Narrative: Phase 1: HFFC17



#HFFC17

Humanitarian Foresight & Futures Co-creation 4th April 2017, CERN, IdeaSquare







New Humanitarian Narrative: Phase 2:



Agenda:

- 11h30 Welcome (5 mins.)
- 11h35 Team forming (5 mins.)
- 11h40 Introduction to Strategic Foresight Planning & Influencers (15 mins.)
- 11h55 Current Humanitarian Narrative (5+5 mins.)
- 12h05 Possible Narrative Disruptions (5+5 mins.)
- 12h15 Intermission Storytelling (5 mins.)
- 12h20 Disruptive Scenarios (10+5 mins.)
- 12h35 Windtunneling (5+5 mins.)
- 13h45 Future Narrative Metaphor (5+5 mins.)
- 13h55 Final Remarks & Q&A (5 mins.)





What is the current humanitarian metaphorical narrative?

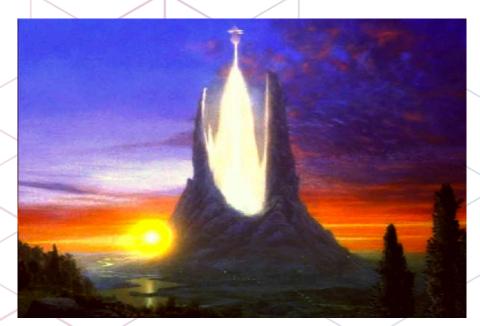
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Example of metaphorical narratives:

A Private Sector Company: Current Decision Makers





An Academia Collaboration

Current Physics Outreach



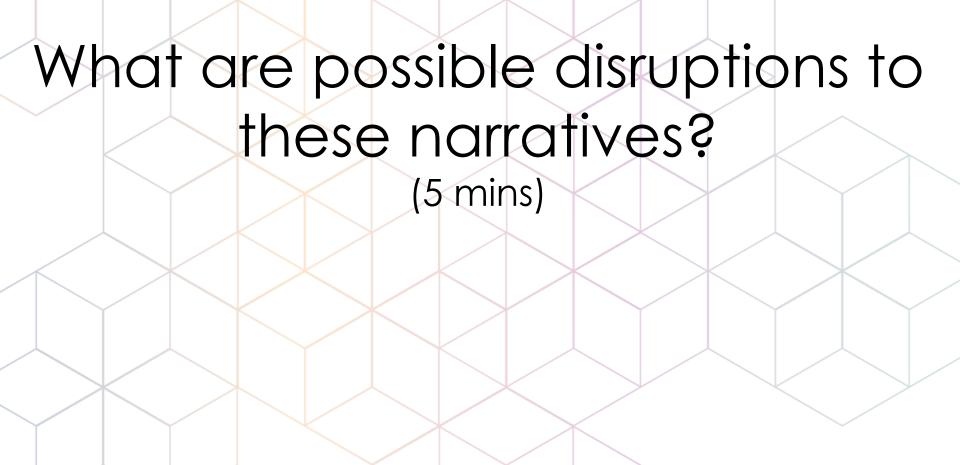


What is the current humanitarian metaphorical narrative?

(5 mins)

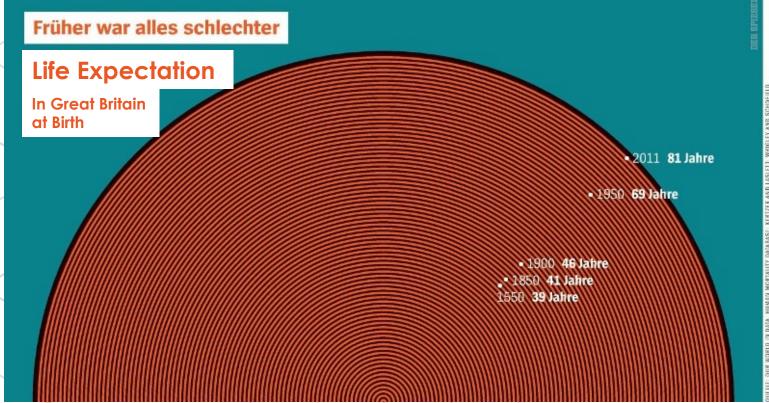






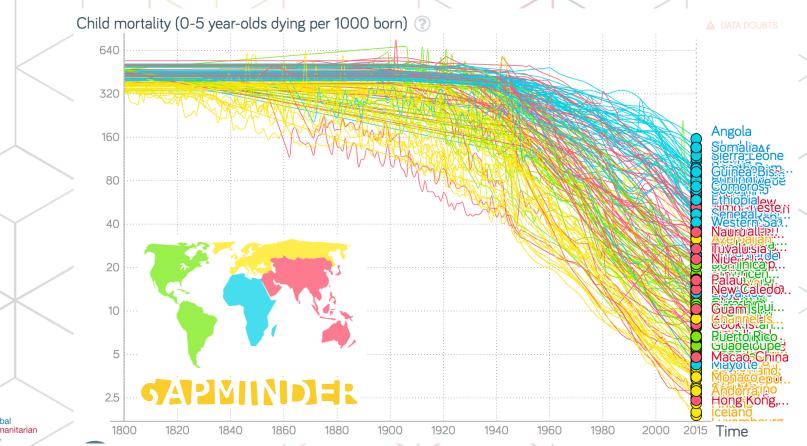


LIFE EXPECTATION

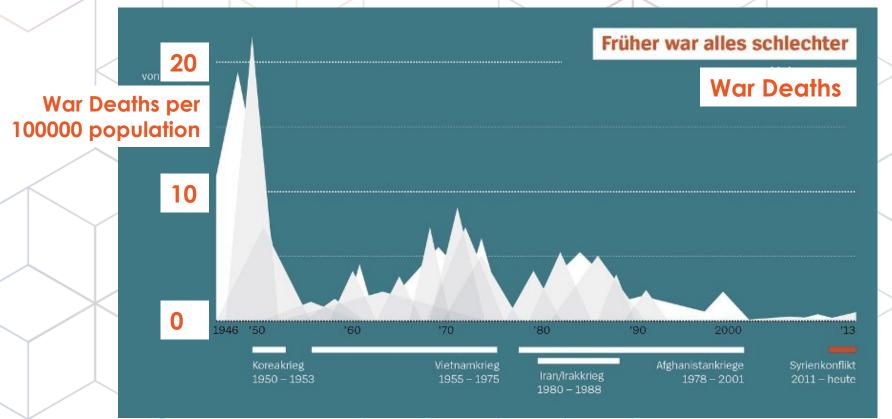




LIFE EXPECTATION

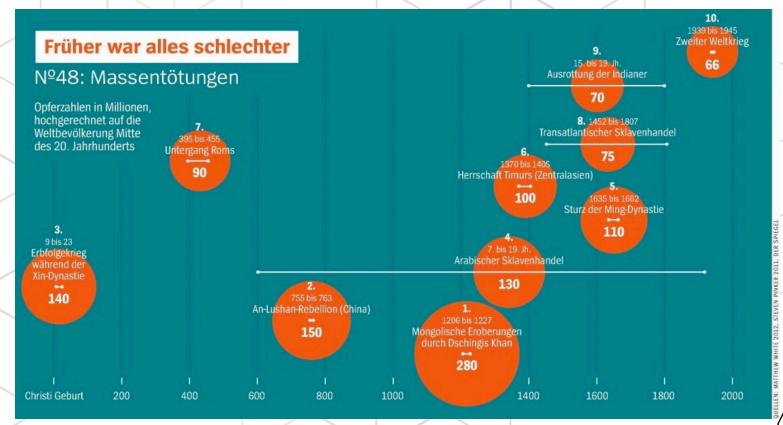


WAR DEATHS



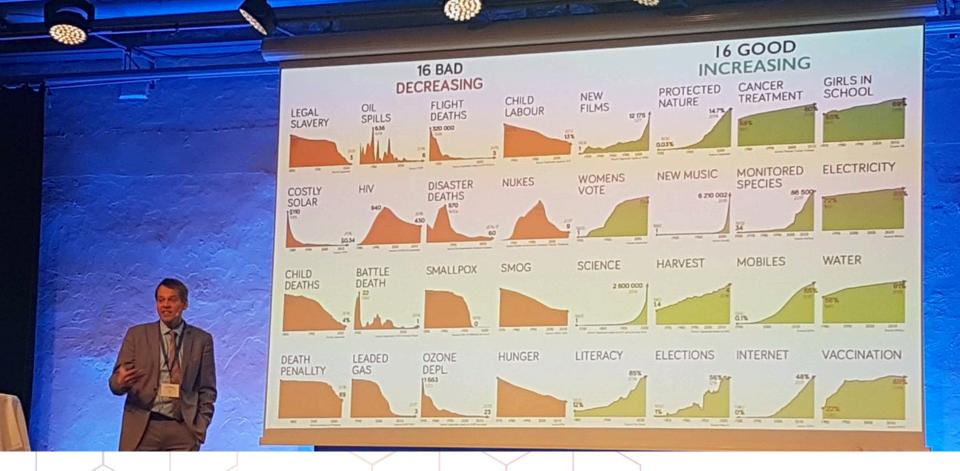


'CONFLICT' DEATHS





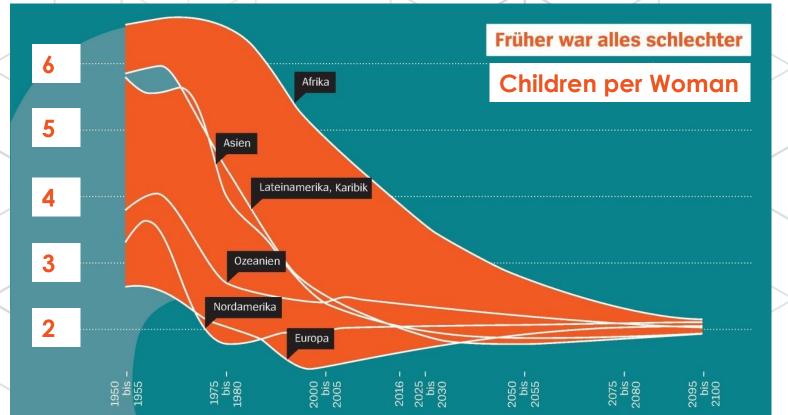
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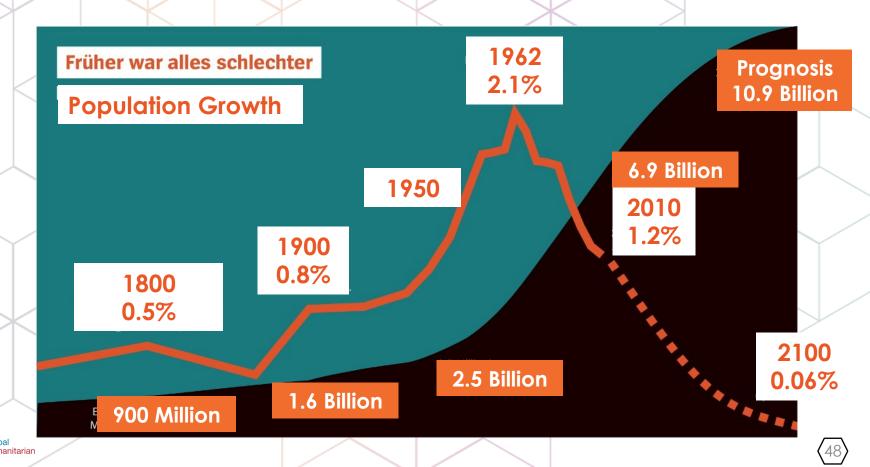
"People believe the world is getting worse! But look at Statistics not at Media!" - Ola Rosling

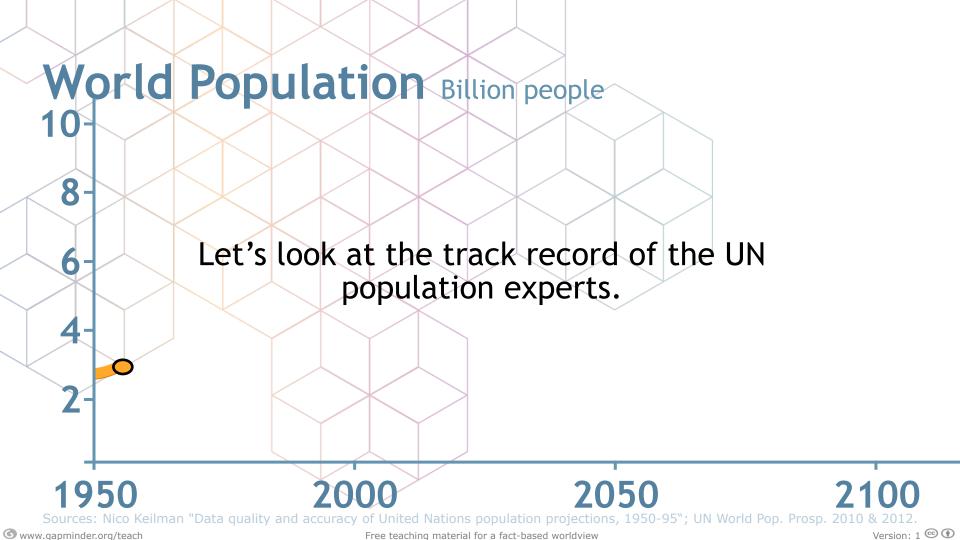
FORECAST: WORLD POPULATION

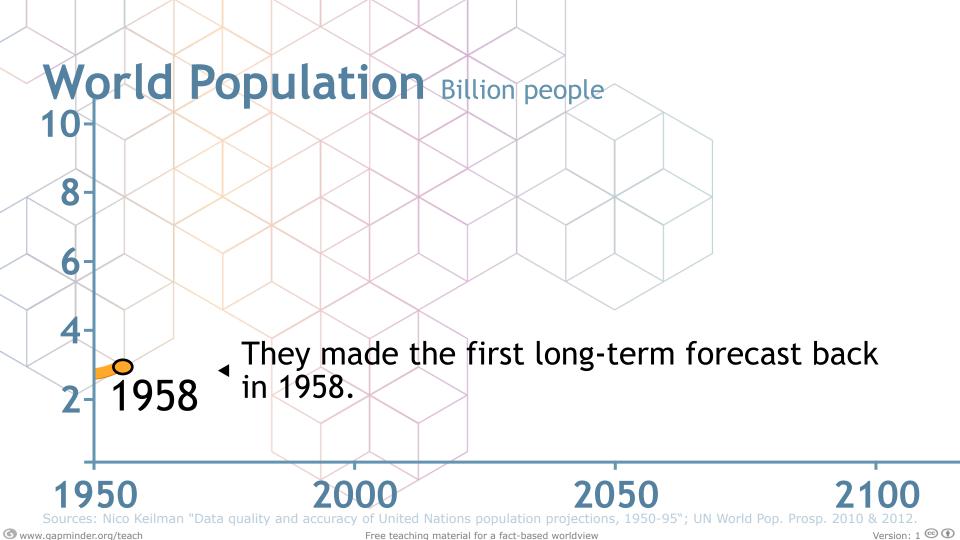


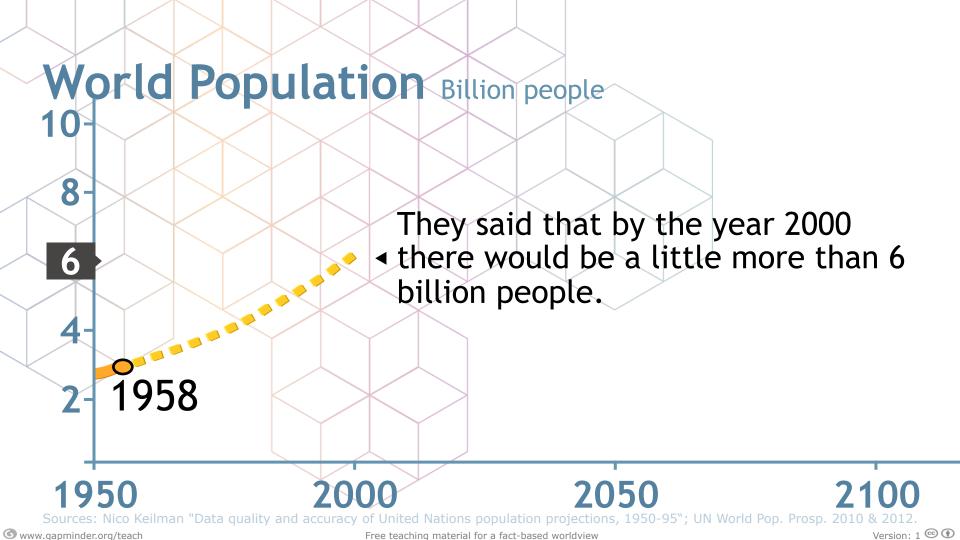


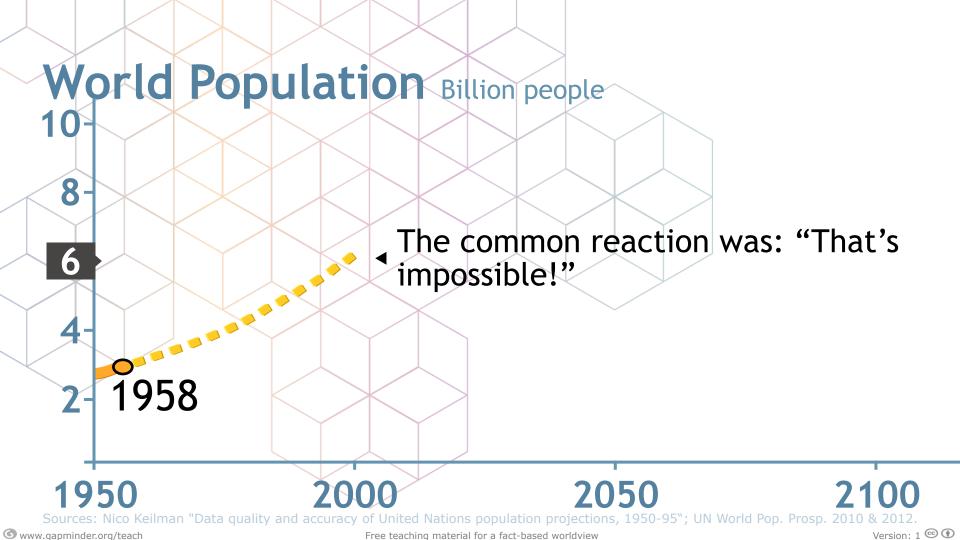
FORECAST: WORLD POPULATION

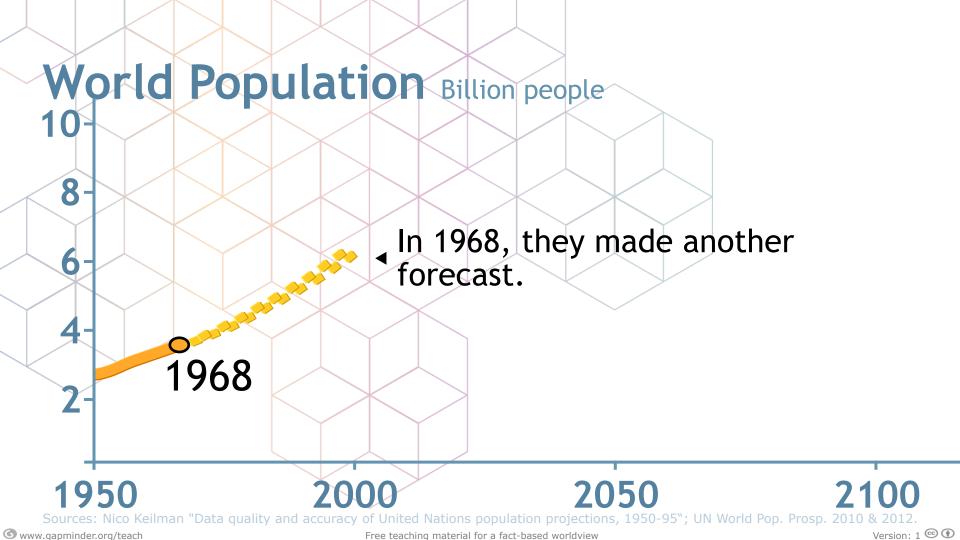


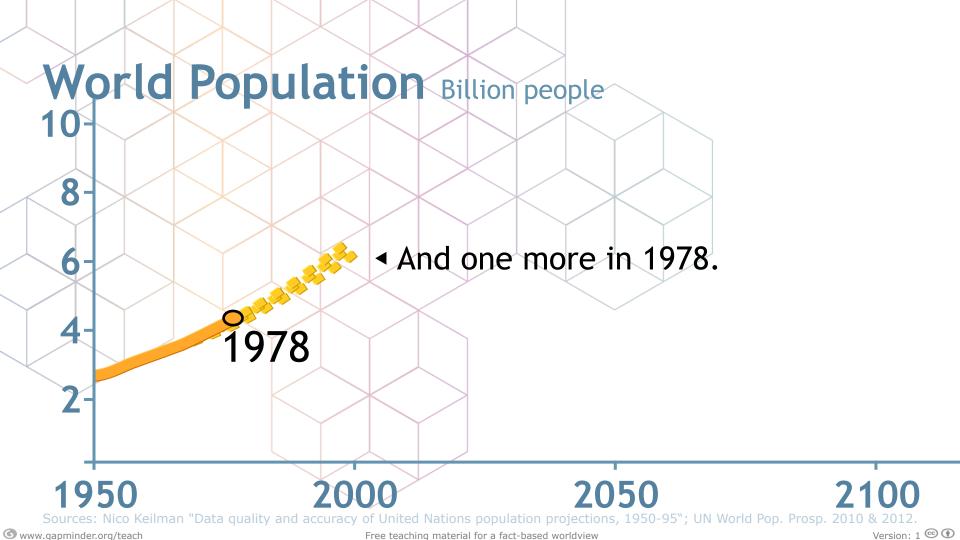


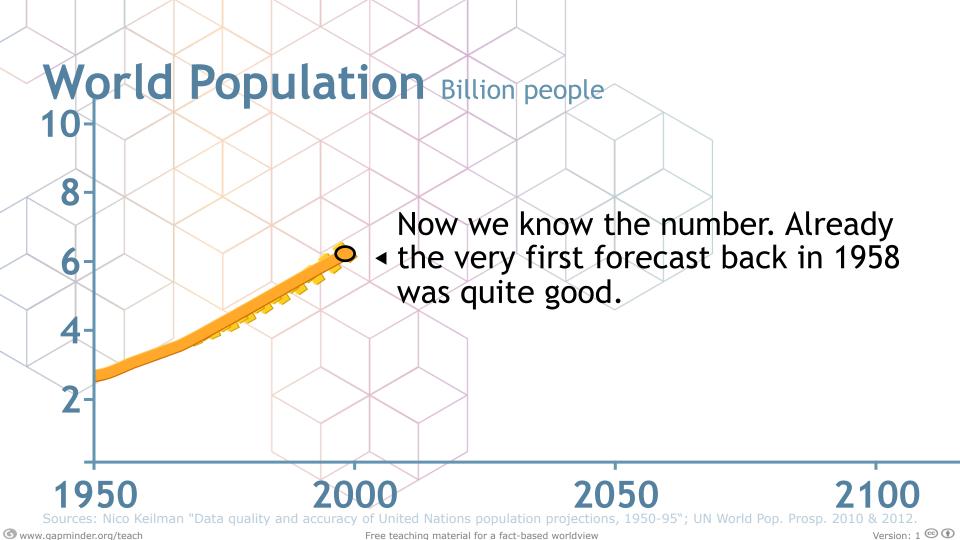


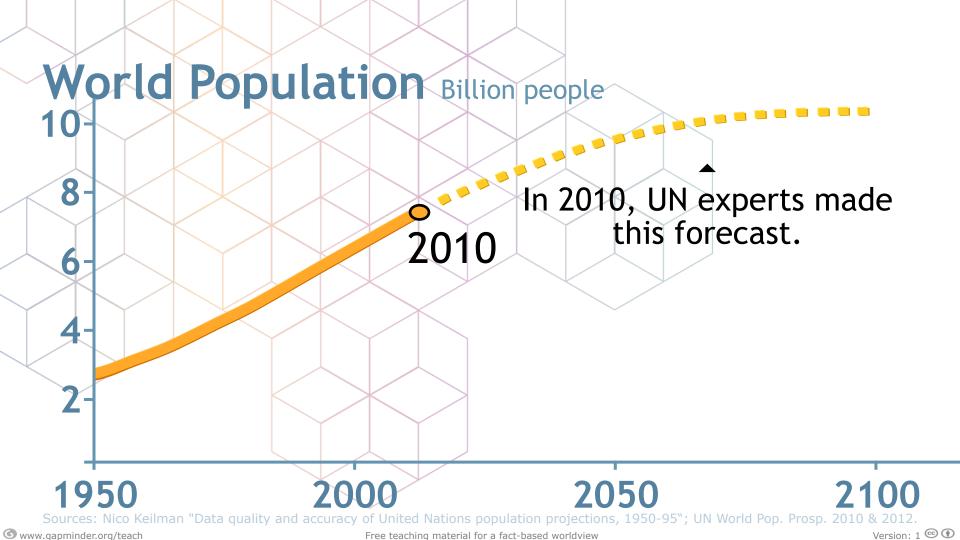


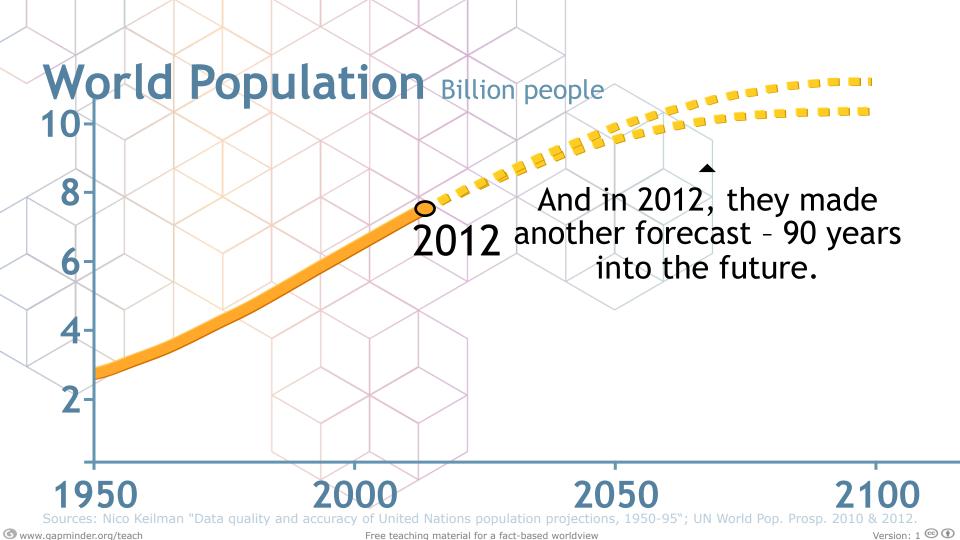


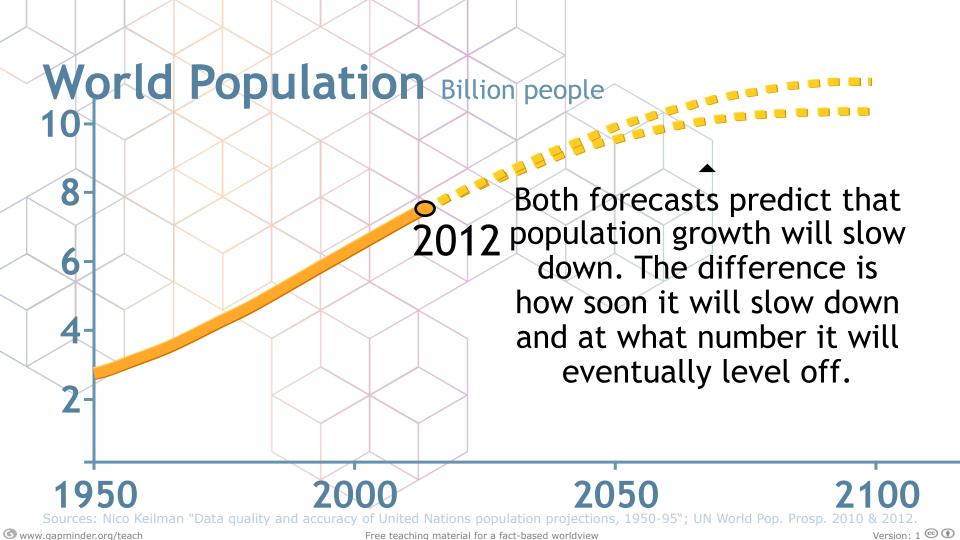


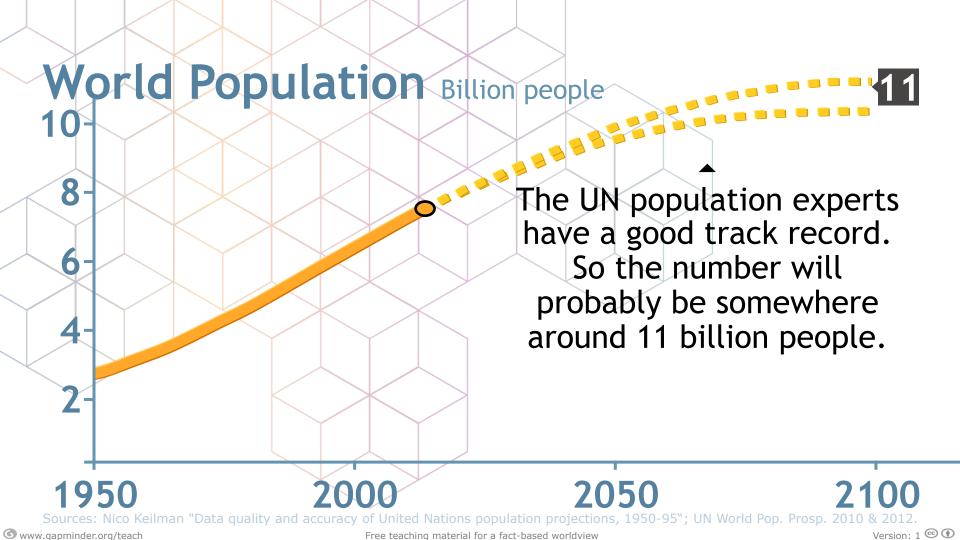


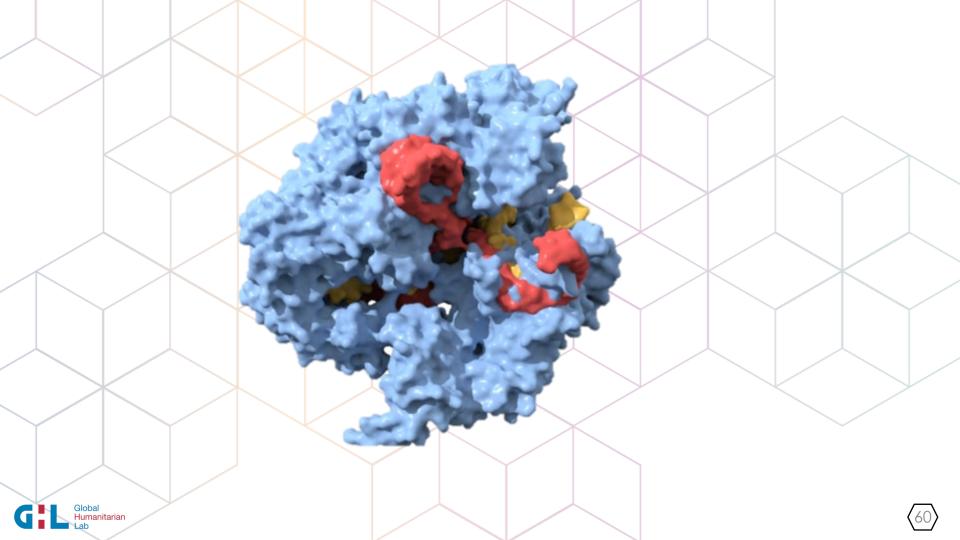












CRISPR/Cas9

SCIENCE Breakthrough of the Year:



2009: Ardipithecus ramidus

2010: The first quantum machine

2011: HIV treatment as prevention (HPTN 052)

2012: Discovery of the Higgs boson

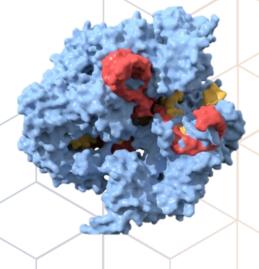
2013: Cancer immunotherapy

2014: Rosetta comet mission

2015: CRISPR genome-editing method

2016: Ripples in spacetime: gravitational waves

2017: Cosmic convergence: Neutron star merger









Altmetric: 1840 Citations: 207

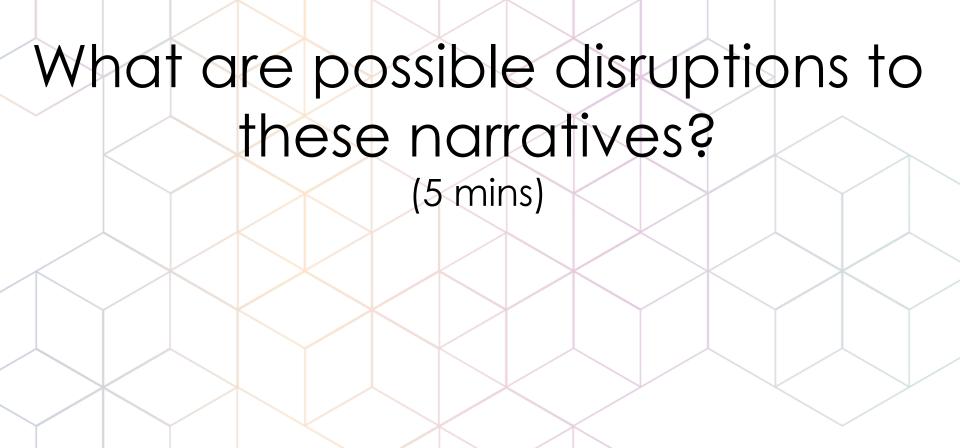
More detail >>

Article

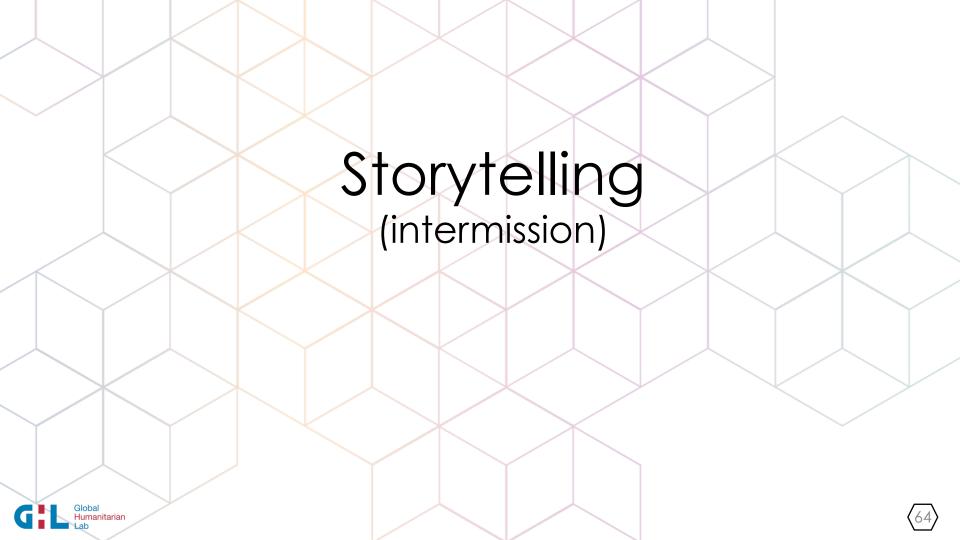
Naturally occurring p16^{Ink4a}-positive cells shorten healthy lifespan

Darren J. Baker , Bennett G. Childs, Matej Durik, Melinde E. Wijers, Cynthia J. Sieben, Jian Zhong, Rachel A. Saltness, Karthik B. Jeganathan, Grace Casaclang Verzosa, Abdulmohammad Pezeshki, Khashayarsha Khazaie, Jordan D. Miller & Jan M. van Deursen ✓









Plots & Narratives



Boy Meets Girl From Bad to Worse Which Way Is Up?



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Americand Old Lane Harold & Romer Co To



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Deenal Sunshine of the Spotters Mind



The mean character starts off poorly then gets continuelly worse with no hope for improvement.

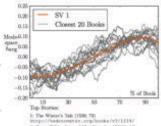
The Hatenorphoes The Twilight Sone



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The Soprenos



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(SV 1)

Top Stories:

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2. Warked of Ker (17958, 70)

6. Ton Seryor, Dicontine (68, 152)

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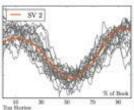
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At The House of the Variative (STIAL 186). https://landon.com/co..crg/books/v3/17144/

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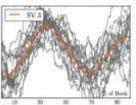
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St. The Island of Doctor Moreau (159, 1980)



2: The Magic of Ch (1829, 1965) http://bedonobeter.org/books/v3/kit/ 2. Children of the Poor (1070), 821

http://kelloumeter.org/buoks/v3/10756/ & Tamburkius the Great -- Part 1 (1094, 476) http://kedinometer.org/books/v3/1094/ 6: The Life and Adventure of Sucre., (SS), 761 5: Justice (2913, 50) NATION / / Nedloumeter . neg/books/93/INLI/



1: The Mystery of the Husty Acrow (1776), 90) http://hadosometer.org/books/v3/17965/ 2: Through the Magic Door (MICE, 91). NASp.//bedommener.org/mosks/93/A251/ 3c After London; Or, Wild England (1994, 140)

Mitgs://hedonomiter.urg/blocks/93/13966/ 4: The Shadow of the Rope (1910), 731 http://hedonometer.org/books/v3/12190/

5: The After at Elephonic (H267, 62) http://bedocowter.org/books/v3/ht263/



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3: The Naper of Souls (2024), 430. http://bedosometer.ntg/books/s3/36262/

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(SV 3) Top Stories:

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4: Parisi Plant (2918, 90) Mttp://hedocometer.org/books/v3/29958/

5: The Wind in the Willows (260, 1475) https://bedonometer.org/books/v3/248/

Source: Maya Eilam, 2014(?)

Source: Reagan et al. 2016



Plots & Narratives

Basic plots...

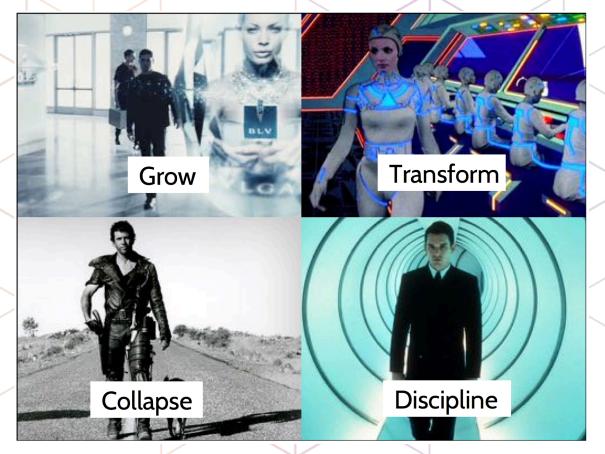
- Overcoming the monster (e.g., Beowulf)
- Rags to riches (e.g., Cinderella)
- The quest (e.g., King Solomon's Mines)
- Voyage and return (e.g., The Time Machine)
- Comedy (e.g., A Midsummer Night's Dream)
- Tragedy (e.g., Anna Karenina)
- Rebirth (e.g., Beauty and the Beast)

Source: Christopher Booker, 2006, *The Seven Basic Plots*



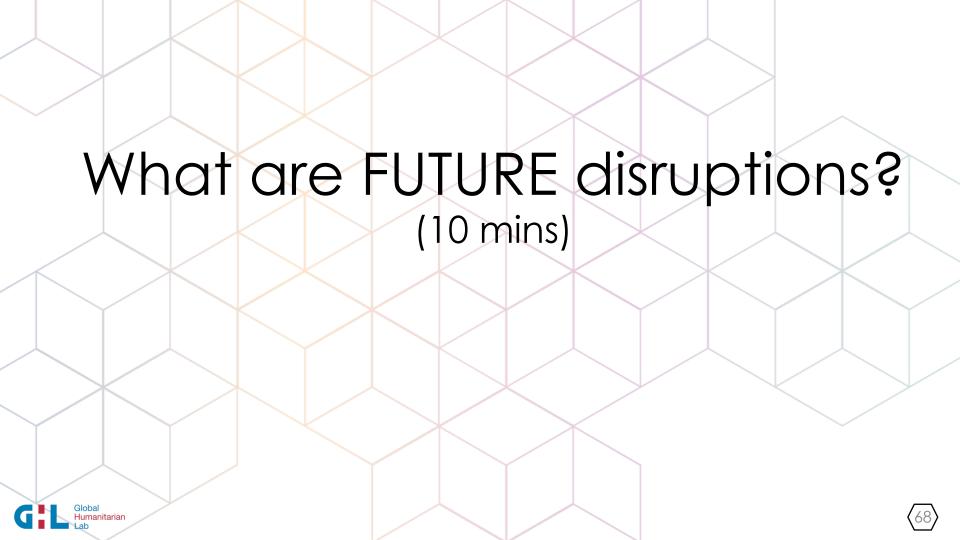


Plots & Narratives



Source: Candy, 2017





Windtunneling! Put your scenario to the test! Kill your Baby! (5 mins)





Example of metaphorical narratives:

A Private Sector Company:



An Academia Collaboration

Current Physics Outreach



Future Physics Outreach

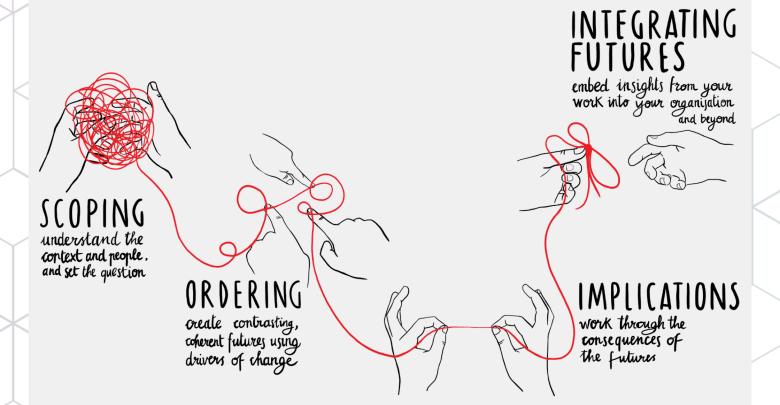




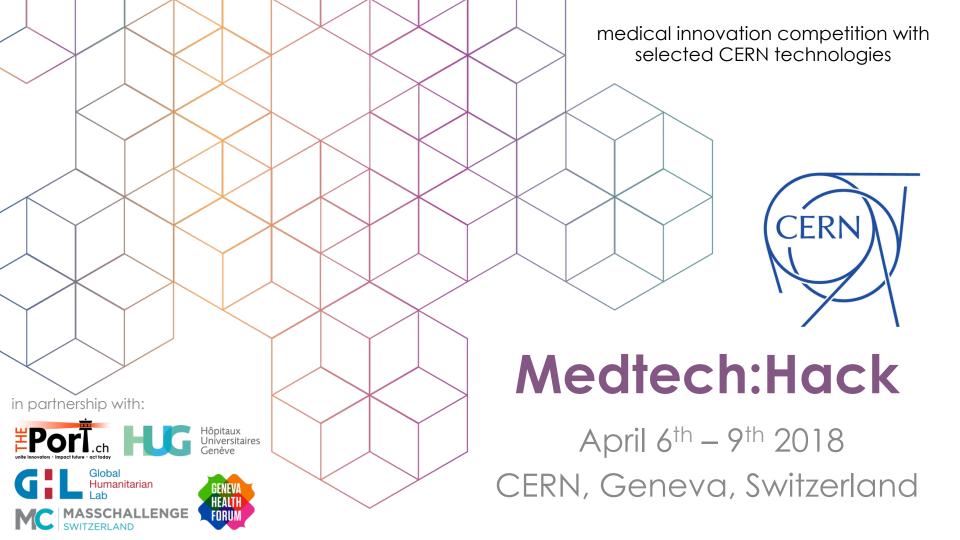


THE SOIF FOUR STAGE LEARNING JOURNEY









#HFFC17:

360 Video: https://youtu.be/BqToYLzTWAk

Teaser Video: https://youtu.be/VC8hL49hLxo

Interviews: https://youtu.be/raLIW5kmTlo





Humanitarian Foresight & Futures Co-creation

Mid-Late April 2018, CERN, IdeaSquare



