

Welcome to all foresight experts, futurologists, AI/NLP researchers and practitioners!

comparing three generations of GPT models that are specifically tuned-to-create future scenarios, I aim to uncover, together with your expertise, insights into the potential of using LLMs for futurology. **For my master's thesis in futurology at the Freie University of Berlin, I have worked on four datasets of scenarios for the past months, consisting of:**

- >1.000 human-made scenarios concerning the future of Europe**
- >1.000 fine-tuned GPT-3 davinci scenarios that learned from human-made scenarios**
- >1.000 prompt-tuned GPT-3.5 text-davinci-003 scenarios, using 3-shot prompting**
- >1.000 3-shot prompted GPT-4 scenarios**

This survey is part of an experiment analyzing these datasets quantitatively and qualitatively. To test the human-likeness of the scenarios made by machines, I took out 6 scenarios from each dataset in a randomized manner, all of them concerned the topic of ecology and sustainability.

I seek your expertise: **How plausible are these scenarios, and how impactful do you rate them? And which of these scenarios are human-made, and which are made by one of the three GPT models?** It will take approximately 10 Minutes of your time and you can opt-in to receive an executive summary of the results and access to the fine-tuned models.

I hope you can gain insights from participation in this modern-day Turing test, discussions and ratings!
Diana Kozachek

For Questions: diana.kozachek@fu-berlin.de

Data Protection

Data Protection Consent Form

Title of the Survey: Can GPT-4, -3.5 or -3 generate plausible future scenarios?

Introduction:

This survey is being conducted by Diana Kozachek, Masters student at the Institute Futur at Freie Universität Berlin. Before participating in this survey, please read and acknowledge the following data protection information in compliance with the European General Data Protection Regulation (GDPR) and other applicable data protection laws.

Data Controller:

The data controller for this survey is: Freie Universität Berlin Kaiserswerther Str. 16-18 14195 Berlin Germany
For any inquiries or concerns about data protection, please contact our Data Protection Officer at datenschutz@fu-berlin.de.

Purpose and Legal Basis:

The purpose of this survey is to gather information for academic research related to the field of futurology. The legal basis for processing your personal data is your consent (Article 6(1)(a) GDPR).

Personal Data Collected:

In this survey, we will collect the following personal data:

Demographic information (e.g., age, gender, education level, nationality)

Responses to survey questions

Any additional data provided voluntarily by you

Anonymity and Confidentiality:

We will anonymize your data as soon as it is no longer necessary to link it to your identity. Your personal data will be treated confidentially and will not be disclosed to third parties, except as required by law or with your explicit consent.

Data Retention:

Your personal data will be stored for as long as necessary to achieve the purposes of the research project and fulfill any legal obligations. After this period, your data will be deleted or anonymized.

Data Subject Rights:

As a data subject, you have the following rights under the GDPR:

Right to access: You can request access to your personal data.

Right to rectification: You can request the correction of inaccurate or incomplete personal data.

Right to erasure: You can request the deletion of your personal data, subject to certain conditions.

Right to restriction of processing: You can request the restriction of processing your personal data, subject to certain conditions.

Right to data portability: You can request the transfer of your personal data to another controller.

Right to object: You can object to the processing of your personal data, subject to certain conditions.

Right to withdraw consent: You can withdraw your consent at any time, without affecting the lawfulness of processing based on consent before its withdrawal.

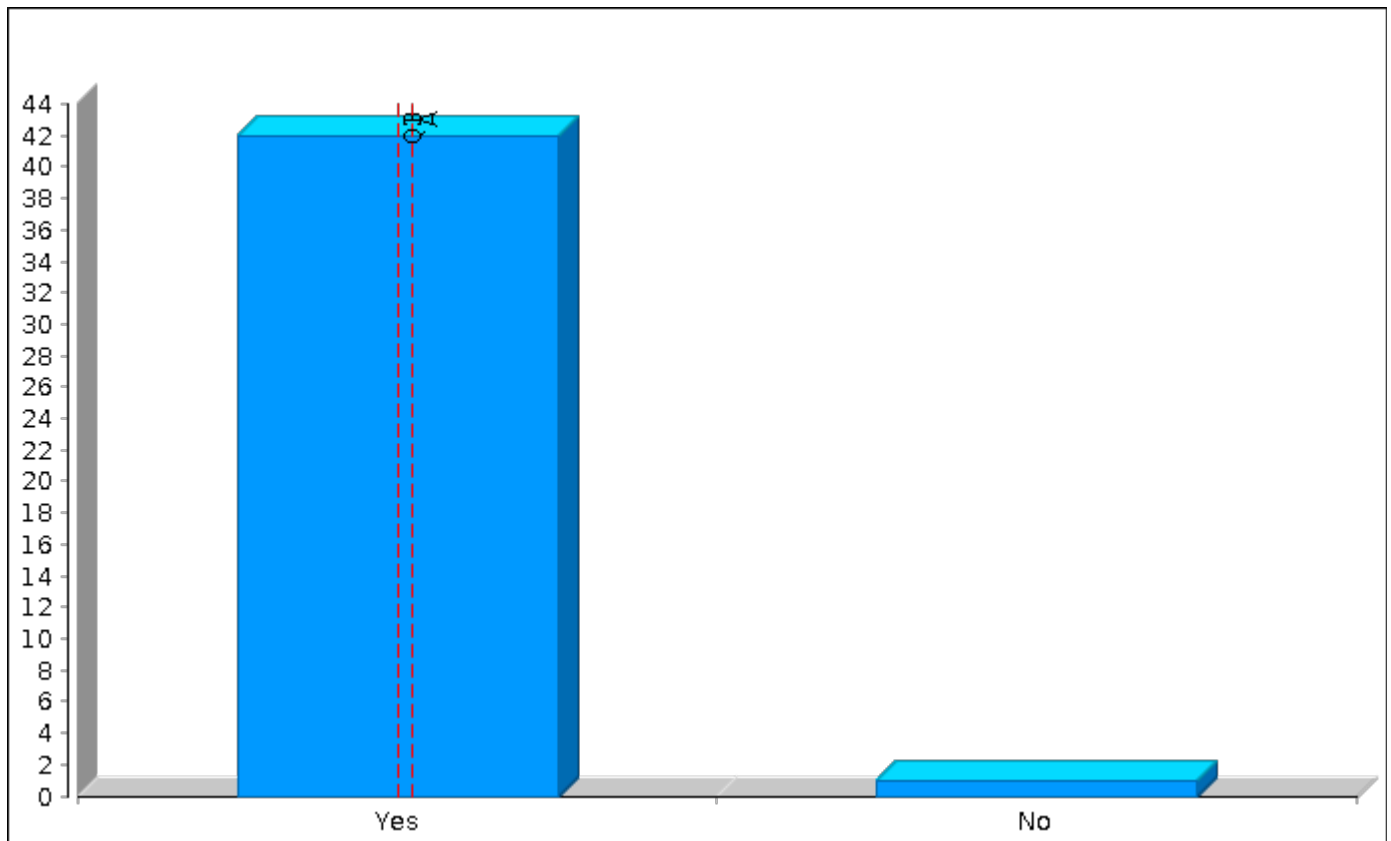
To exercise any of these rights, please contact our Data Protection Officer at datenschutz@fu-berlin.de.

Contact Information:

If you have any questions or concerns about this survey or your rights under GDPR, please contact the researcher at: diana.kozachek@fu-berlin.de or the Data Protection Officer at datenschutz@fu-berlin.de.

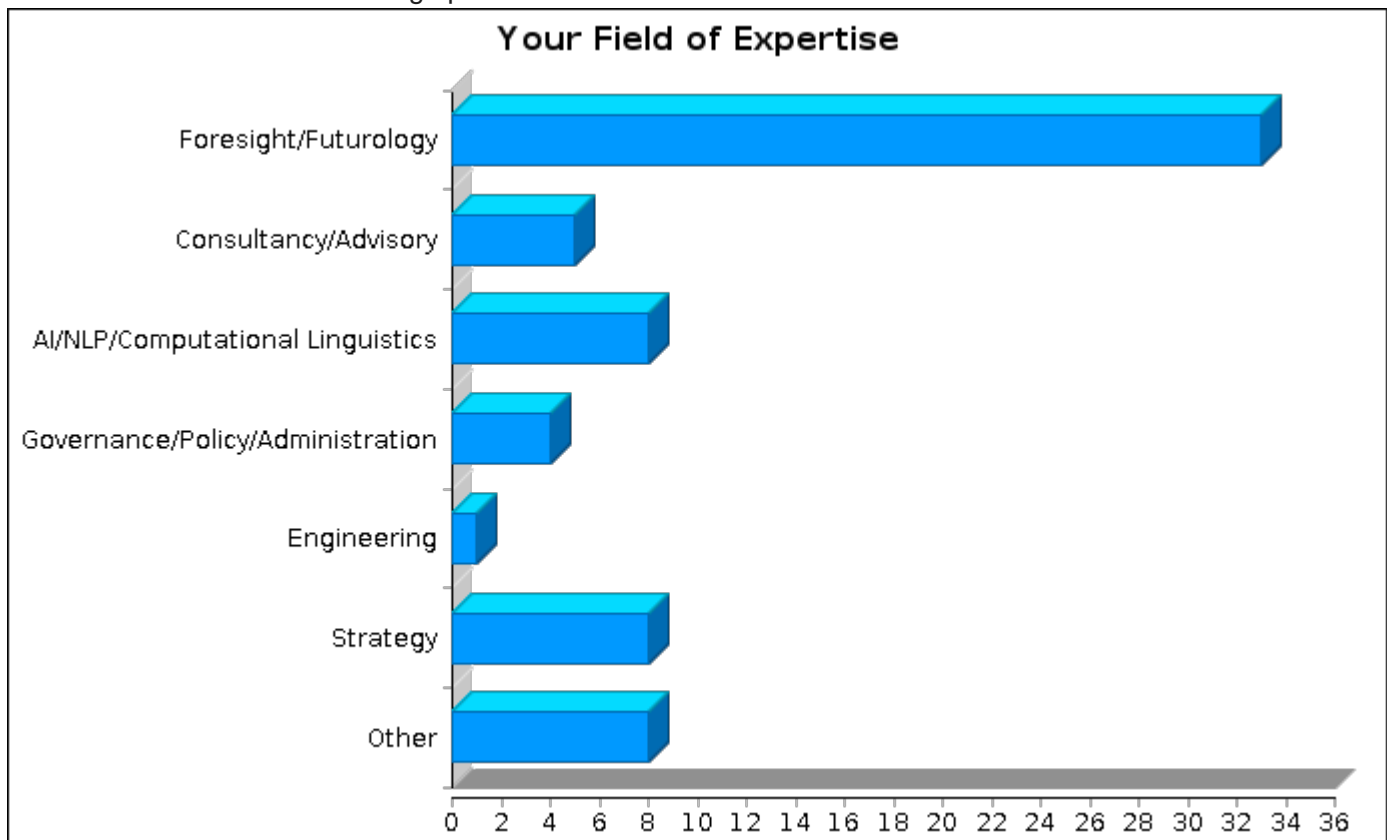
Freie Universität Berlin
Institut Futur
Fabeckstraße 37
14195 Berlin

Data Protection: I have understood and hereby Consent.



Your Field of Expertise

Please chose one of the following options:



Task Description

In this survey, you will be presented with a dataset of 20 scenario theses related to European ecology and sustainability scenarios. These theses have been scraped or generated using the following methods:

- Human-made scenarios created by domain experts
- Machine-made scenarios generated by fine-tuned GPT-3 that learned from human-made scenarios
- A prompt-tuned GPT-3.5, which is an improvement over GPT-3 in terms of language understanding and generation
- A 3-shot prompted GPT-4, which is an advanced language model that requires only a few examples to understand and generate new scenarios

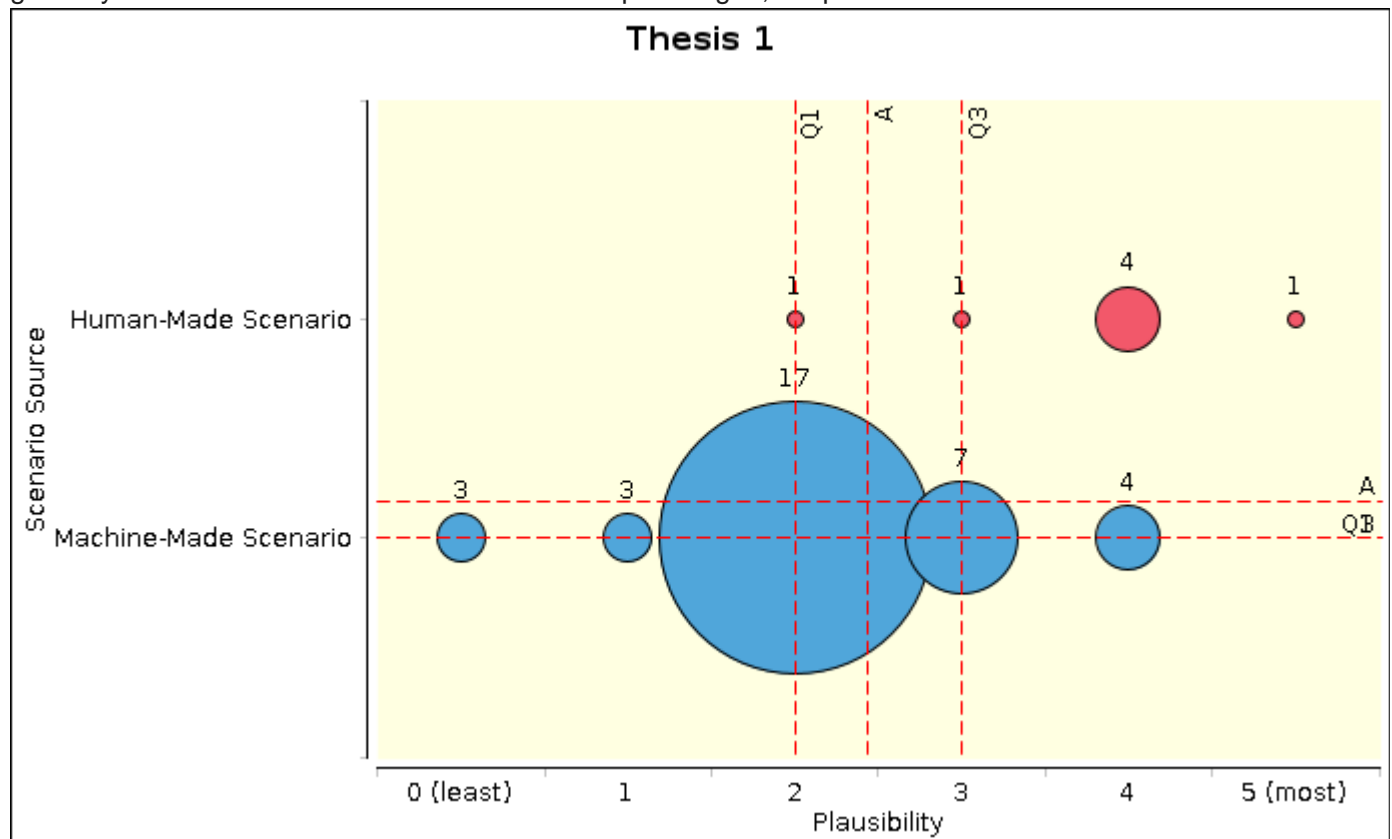
Your task is to evaluate each scenario based on:

- Plausibility: Rate the scenario's plausibility on a scale of 0 to 5, with 0 being highly implausible and 5 being highly plausible
- Source: Determine if the scenario is human-made **or** machine-made

Please read each scenario carefully and provide your ratings accordingly.

Thesis 1

EU prioritizes energy security, invests in hydrogen, nuclear, biofuels and carbon capture to achieve climate goals by 2050 with consumer involvement and improved grid, despite lower electrification rates.



COMMENTS

Comment date Mar 28, 2023, 10:39:50 AM

Plausibility: 4

Scenario source: Human-Made Scenario

I suppose the ideas and thoughts on this matter are already out there and efforts are visibly, which makes me think that this is a human made scenario.

Comment date Mar 28, 2023, 8:07:15 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

Initially I said its not plausible. Then again as deadlines are to be reached by 2050 and most of the sources mentioned, except Hydrogen use are already there then it is plausible. Regarding Hydrogen generation and use we already have the technology available. The only issue that made me go for plausibility '3' is the lower electrification rates when with the present technology of Nuclear Energy alone we can already sustain that.

Comment date Mar 28, 2023, 1:53:34 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

For me, there is too much in one thesis.
I do not understand why the electrification rates should be lower.

Comment date Mar 29, 2023, 7:54:04 AM

same here.

Comment date Mar 30, 2023, 12:04:56 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

At first glance, the statement appears plausible. However, there appears to be no consensus on individual sub-statements; rather, these are the approaches of individual countries. As a result, the overall statement is implausible.

A human would have stayed as close to the EU's statements as possible (i.e., an economy with net-zero greenhouse gas emissions, etc.).

Comment date Mar 30, 2023, 3:05:46 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

I think that "with consumer involvement" is not a plausible part of the sentence, because of the investment in nuclear

Comment date Mar 31, 2023, 7:49:25 AM

Plausibility: 2

Scenario source: Machine-Made Scenario

The sentence is either strangely translated (by machine or human) or machine-generated text. This part of the sentence seems off: "despite lower electrification rates." Was there any translation involved in the general dataset? What languages got translated and how?

Comment date Mar 28, 2023, 4:04:04 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

I also think it is not plausible, but I cannot think through the logic of why despite low electrification rates. It could be a typical inconsistency in human thinking or because of this inconsistency, it might be created by machine. both possible..really hard to tell. .but as consumer involvement is mentioned often in the context of solar energy by human scenario.I tend to speculate that it is a machine

Comment date Mar 30, 2023, 12:59:54 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

I think that "despite lower electrification rates" is not a logical continuation of the first part of the sentence.

Comment date Mar 30, 2023, 4:22:50 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

lower electrification rates sounds implausible

Comment date Mar 28, 2023, 1:52:36 PM

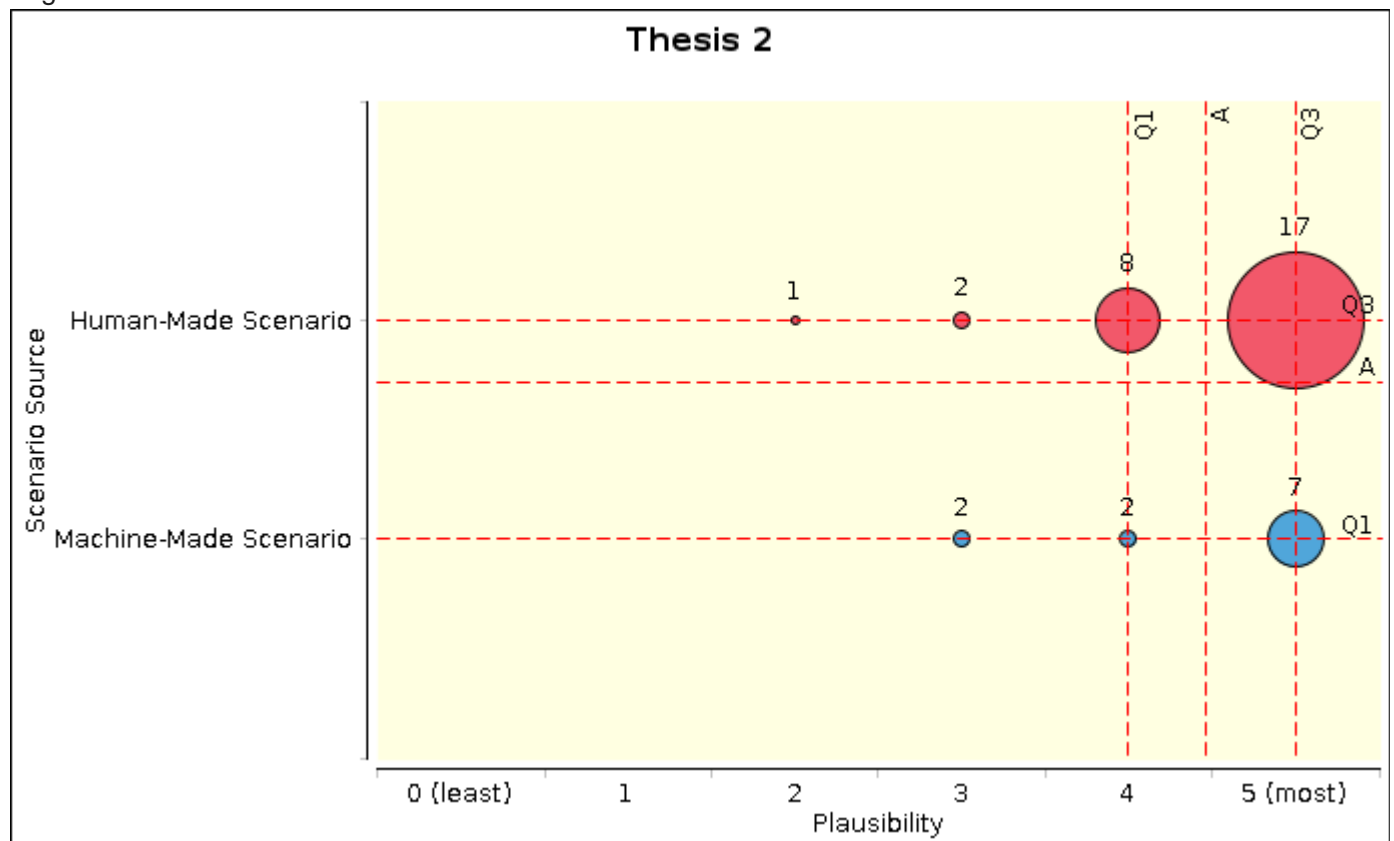
Plausibility: 0 (least)

Scenario source: Machine-Made Scenario

If energy security is prioritized and the grid improved, why would electrification rates be lower?
Maybe I got this one wrong, but without further context it doesn't seem to make sense.

Thesis 2

The effects of climate change are more severe than expected, and the ecological system suffers considerable degradation.



COMMENTS

Comment date Mar 28, 2023, 10:35:18 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

this can be from both human and machine, as this is a very very general statement rather than a scenario. I would maybe still rather to choose human, as GPT tends to generate rather longer sentences..

Comment date Mar 28, 2023, 8:10:07 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

I believe that this statement can be both human and machine generated. So maybe the option "both" would have been more appropriate

Comment date Mar 31, 2023, 11:47:32 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Seems general but also clear.

Comment date Apr 2, 2023, 1:17:26 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Quite generic - could be generated by both

Comment date Mar 28, 2023, 10:40:52 AM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

This certainly feels like a GPT-generated scenario, because it uses the same tone and language as an AI-model.

Comment date Mar 28, 2023, 10:43:52 AM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

Machines AND Humans have to build this scenario; therefore, the answer should be "BOTH"

Comment date Mar 28, 2023, 1:37:58 PM

Since in this case it was either produced by a human oder a ChatGTP-Version, maybe it would make more sense to say its "indistinguishable" instead of "Both", but I agree with the general point (though i have not that much experience with AI-Texts).

Comment date Mar 30, 2023, 12:08:15 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

The statement appears plausible but is fairly generic, indicating that it was generated by a machine.

Comment date Mar 31, 2023, 7:57:36 AM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

It could both be machine- or human generated. It could be an example of a scenario with a very broad scope. One sentence in this case is not enough to judge.

Comment date Mar 30, 2023, 4:23:27 PM

Plausibility: 4

Scenario source: Human-Made Scenario

seems plausible but is quite general

Comment date Mar 30, 2023, 1:04:50 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Seems a plausible statement on the problems and in my opinion should be easy to produce by machines. I think human being would perhaps not directly connect the climate change effects and the suffering of the ecological system unless a policy actions are included th do something about these problems.

Comment date Mar 28, 2023, 1:54:57 PM

Plausibility: 3

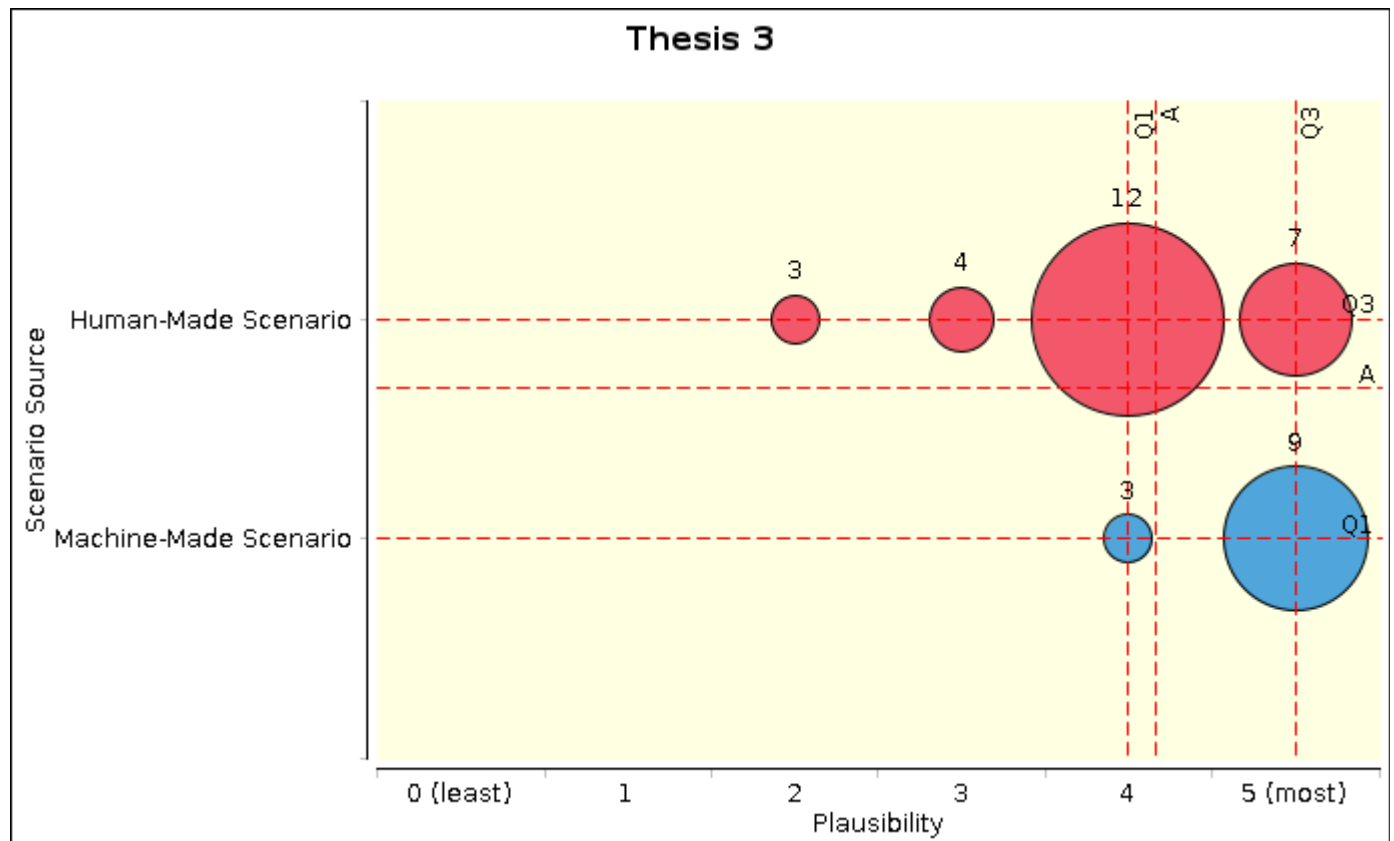
Scenario source: Human-Made Scenario

who expects?

What is degradation in ecological systems? Systems change but do not suffer....

Thesis 3

The use of green roofs and walls in urban areas will become more common, in order to improve air quality and reduce the urban heat island effect.



COMMENTS

Comment date Apr 3, 2023, 8:37:37 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

"in order to" seems strange, a machine wouldn't write this way.

Comment date Apr 4, 2023, 6:23:09 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Could be both. Green roofs and walls in urban areas have also been increasingly found in image form and texts, especially in recent years. Based on this data, the very generic sentence could easily be generated by a machine as well.

Comment date Mar 28, 2023, 10:45:08 AM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

Unavoidable, logical, plausible, by machine AND humans

Comment date Mar 30, 2023, 3:09:34 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

There is no "life" in it

Comment date Mar 31, 2023, 8:17:39 AM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

Could be a strange scenario, the use of the predictive "will" seems a little odd here. Sentence or piece of text is too short to judge.

Comment date Mar 29, 2023, 12:35:49 PM

Plausibility: 4

Scenario source: Human-Made Scenario

What I don't like to much about this scenario is the "more common". This part is very blurry and it would already be more common with 50 buildings more, right? So what exactly does more common mean here - in every country? in every city? in every street?

However, I am unsure if that rather points at a human-made or machine-made scenario. I could see that "mistake" or "sloppiness" being made by both..

Comment date Mar 30, 2023, 4:26:00 PM

Plausibility: 4

Scenario source: Human-Made Scenario

plausible but probably low impact on air quality/heat island effects

Comment date Mar 30, 2023, 1:09:57 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

seems plausible and machine made because for a human-made scenario the wording "The use of green roofs and walls" does not sound very realistic. Do people use roofs and walls. Or is this a kind of "Eurospeak" English?

Comment date Mar 28, 2023, 10:41:39 AM

Plausibility: 3

Scenario source: Human-Made Scenario

I think this is human-made because its a rather out-of-the-box idea. I like it!

Comment date Mar 30, 2023, 12:13:00 PM

True, but it is rather expensive, which is why it is not totally plausible.

Comment date Mar 30, 2023, 8:28:11 PM

I don't know the exact price ranges, but I am not sure if painting differs that much in price.

Painting building with a fresh coat of paint certainly costs money, but I suppose if it works, it's a rather cost-sensitive and easy-to-use method of bringing down the temp in a city.

Comment date Mar 28, 2023, 1:59:20 PM

Plausibility: 3

Scenario source: Human-Made Scenario

For these short statements I am somewhat certain that it is very hard to tell apart machine-made from human-made ones (esp. without a labeled trainig-set to train my neural network :P), so that is just a "best-guess".

I won't post this underneath each statement but repeat it at the end.

Comment date Mar 29, 2023, 12:32:22 PM

I agree! It is definitely not easy, but also assume that it would be easier with longer scenarios..

Comment date Apr 2, 2023, 1:19:23 PM

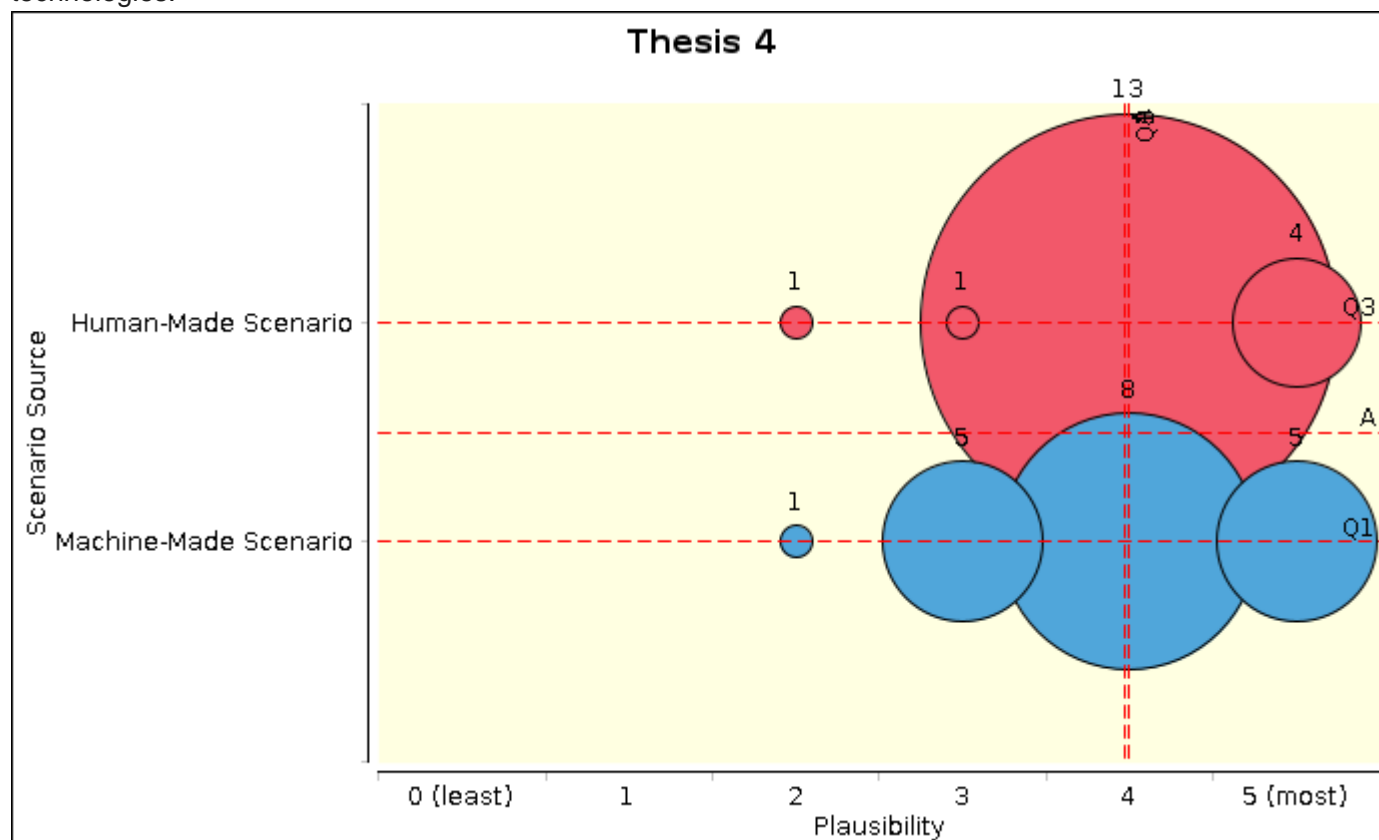
Plausibility: 3

Scenario source: Human-Made Scenario

Probably human made but again a bit fuzzy.

Thesis 4

Carbon pricing policies create economic incentives for businesses to reduce emissions and invest in clean technologies.



COMMENTS

Comment date Mar 28, 2023, 10:46:16 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

It is already the case; so it is not foresight sensu stricto

Comment date Mar 28, 2023, 8:11:42 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Again it can be "Both"

Comment date Mar 30, 2023, 4:27:54 PM

Plausibility: 4

Scenario source: Human-Made Scenario

truism

Comment date Mar 28, 2023, 10:43:22 AM

Plausibility: 4

Scenario source: Machine-Made Scenario

This seems like a scenario extrapolated by a machine, because this is a way to describe the need of carbon pricing for the economy to have stability and security in planning.

Comment date Mar 28, 2023, 1:42:25 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

I chosed Machine-Made Scenario since I would expect more creativity from a human as the scenario seems to close to what is actually happening today.

Comment date Mar 29, 2023, 8:15:14 AM

Yes - reads like a summary of neo-liberal positions.

Comment date Mar 29, 2023, 12:37:15 PM

I agree!

Comment date Mar 30, 2023, 12:18:57 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

However, the statement could be based on a date prior to 2021, which is why I believe it is machine-generated.

Comment date Mar 28, 2023, 1:57:55 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

very straight formulation... that is why I have chosen machine-made...

Comment date Mar 29, 2023, 12:36:48 PM

agree

Comment date Mar 30, 2023, 1:15:36 PM

Plausibility: 2

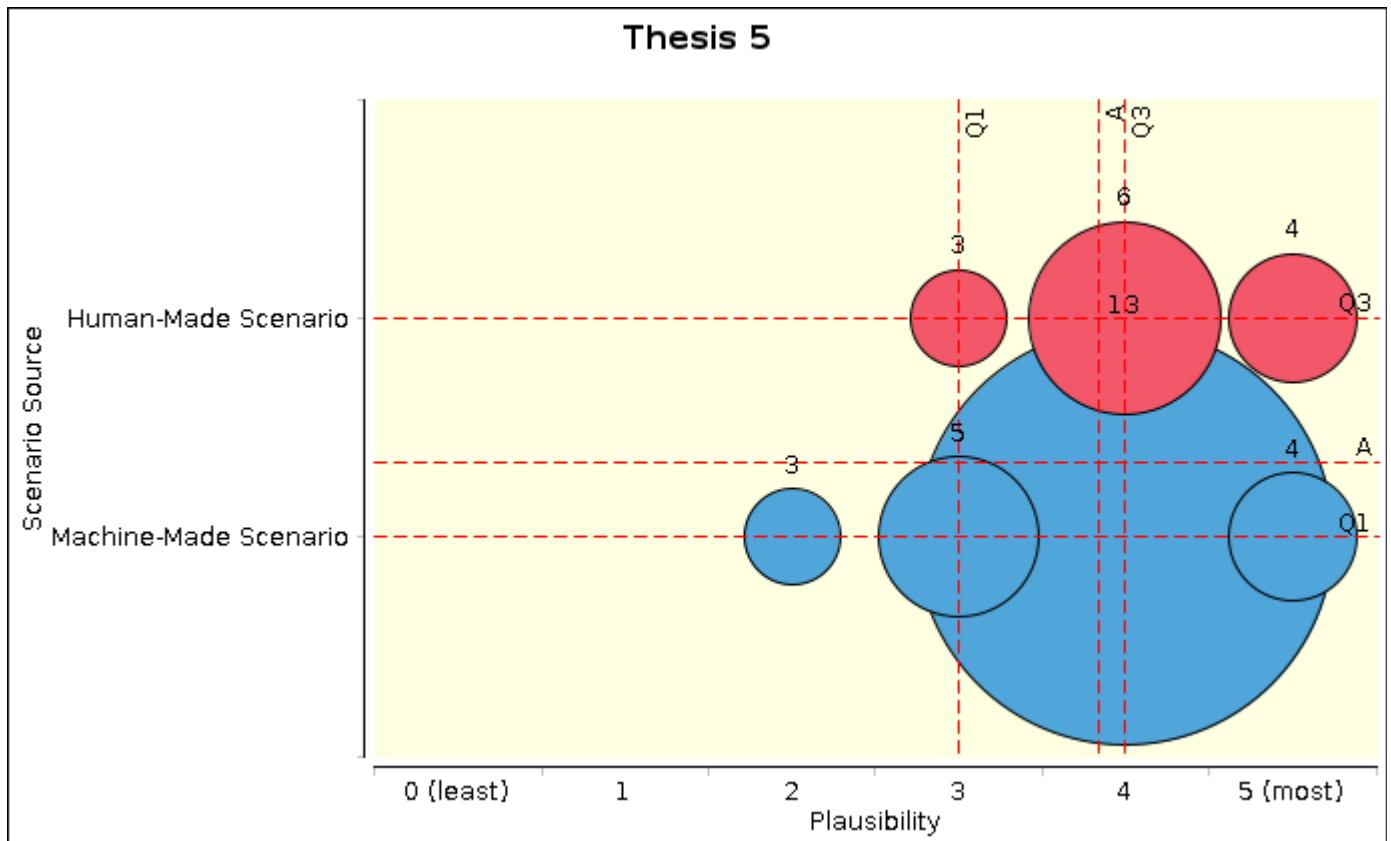
Scenario source: Machine-Made Scenario

Plausible in economic theory but unfortunately theory and practice are not the same so less plausible.

This looks like a sentence copied from a textbook. Statement could be both made by machine or by man but I prefer the human being in this case because if a human being wants to sell this economic thinking the uncertainties will not be mentioned but a machine will take them into account.

Thesis 5

A strong increase in wind and solar capacity is constitutive in the EU.



COMMENTS

Comment date Mar 28, 2023, 10:46:54 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

It is already the policy of the EU!

Comment date Mar 28, 2023, 8:12:47 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

It is already written down in the EU agenda

Comment date Mar 29, 2023, 12:41:06 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

This does not sound like a future scenario for me.. It is not something that will happen, but rather is a political decision, right? I choose machine-made here as I'd hope that the humans would do a better job ;)

Comment date Apr 1, 2023, 7:49:47 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

weird formulation, so machine

Comment date Mar 28, 2023, 2:05:48 PM

Plausibility: 4

Scenario source: Human-Made Scenario

I agree with other comments: sounds like an EU report/terminology for a specific audience.

Comment date Mar 31, 2023, 8:22:35 AM

Plausibility: 4

Scenario source: Human-Made Scenario

Text is too small to judge. In case you fine-tuned your model with "EU Speak"- it could be machine-made.

Comment date Mar 30, 2023, 3:12:17 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

EU terminology from a report

Comment date Apr 2, 2023, 1:22:53 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

It's either mashine made or translated rather odd.

Comment date Mar 28, 2023, 10:44:07 AM

Plausibility: 3

Scenario source: Human-Made Scenario

This is probably taken from a EU-report – hence I would say it's a human-made scenario.

Comment date Mar 30, 2023, 1:40:47 PM

Plausibility: 3

Scenario source: Human-Made Scenario

This looks like a plausible policy scenario but not a plausible scenario which might occur in future if no concrete policy measures are taken. As argued before a human being wanting to sell his wishful future can write this down, the machine version will be less firm and will state some uncertainties

Comment date Mar 28, 2023, 1:59:19 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

one comment is right, that really sounds as if it is copied from an EU report (constitutive)

Comment date Mar 30, 2023, 4:28:48 PM

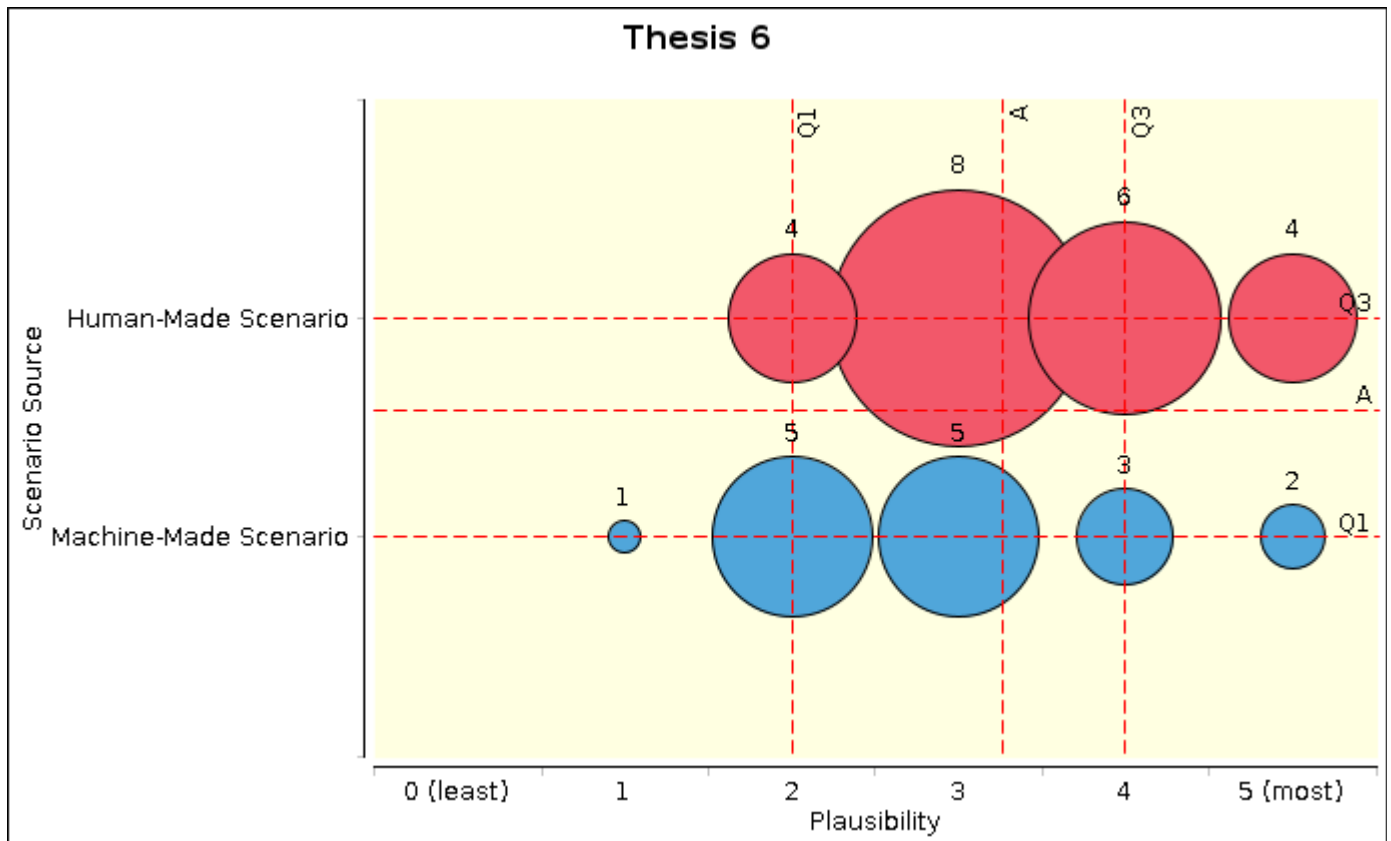
Plausibility: 3

Scenario source: Machine-Made Scenario

who would say constitutive?

Thesis 6

Europe leads global efforts to combat deforestation, implementing strong regulations on the import of unsustainable products.



COMMENTS

Comment date Mar 28, 2023, 10:47:50 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Same remark. These measures are already in the Green Deal

Comment date Mar 30, 2023, 3:13:19 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

It might come from a already exiting future study

Comment date Mar 30, 2023, 4:29:38 PM

Plausibility: 4

Scenario source: Human-Made Scenario

could be both human or machine-made

Comment date Mar 28, 2023, 8:13:41 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Can be 'BOTH' as known facts are being provided. Since this something so straightforward I went for Machines.

Comment date Apr 2, 2023, 1:26:53 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Sounds like a sequence that can be found in a report. BOTH

Comment date Mar 28, 2023, 10:45:04 AM

Plausibility: 3

Scenario source: Human-Made Scenario

Again this feels like taken from a EU-report, as it has the tone and messaging that I feel like a representative of the public sector would use.

Comment date Mar 30, 2023, 1:46:24 PM

Plausibility: 3

Scenario source: Human-Made Scenario

Also a strong policy statement and not a plausible scenario which might happen without policy intervention. Deforestation takes place outside Europe and it is a big problem for the global warming so it seems to me to be a too complex statement for a machine and I attribute it to a human being could even be EU commissionair Frans Timmermans.

Comment date Apr 1, 2023, 7:53:24 PM

Plausibility: 3

Scenario source: Human-Made Scenario

i really cannot tell the difference, as the sentence is too short. i find myself mostly trying to assess the grammar of the sentence and the choice of words, to determine whether it is a machine or a human. Sp far i cannot tell any difference based on the content, as this is in most cases fairly bland and unoriginal. So i cannot distinguish machine or humans judging originality

Comment date Mar 28, 2023, 2:00:34 PM

Plausibility: 2

Scenario source: Human-Made Scenario

can be both human-made or machine-copied from a report

Comment date Mar 31, 2023, 8:24:41 AM

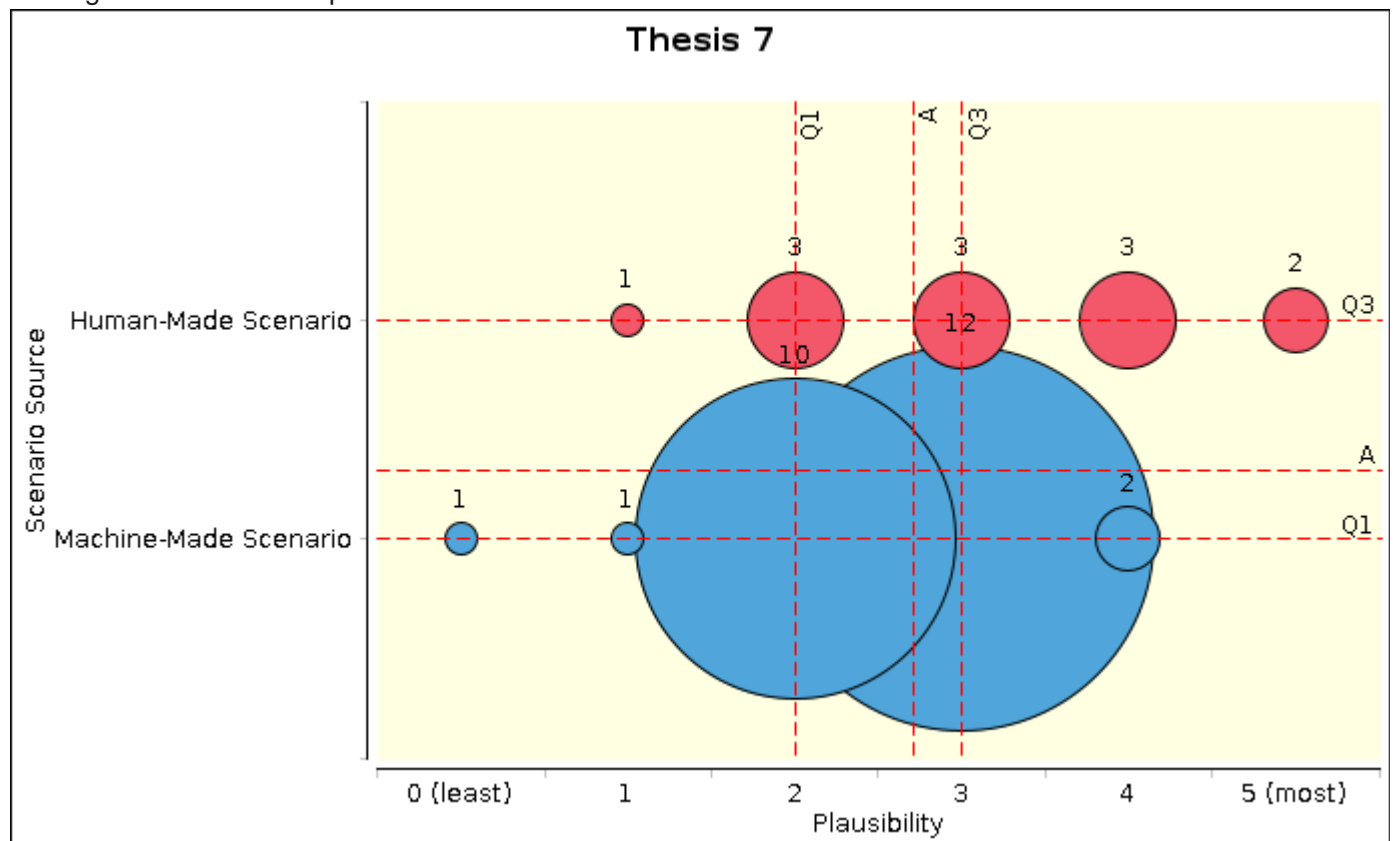
Plausibility: 2

Scenario source: Machine-Made Scenario

The logic of the sentence seems lagging behind the use of the words, so i would tend to machine.
But again difficult to judge from one sentence only.

Thesis 7

The main priority globally is to develop and secure food production and availability, with open and permissive GM legislation at the european level.



COMMENTS

Comment date Mar 28, 2023, 8:18:26 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

This too obvious

Comment date Mar 28, 2023, 2:48:58 PM

Plausibility: 4

Scenario source: Human-Made Scenario

I think this is only realistic given the upcoming challenges in food security. Human-made because I hope this is realized sooner than later.

Comment date Mar 28, 2023, 10:48:29 AM

Plausibility: 4

Scenario source: Machine-Made Scenario

Logical

Comment date Mar 30, 2023, 4:31:35 PM

Plausibility: 2

Scenario source: Human-Made Scenario

Probably a badly-formulated human (or maybe a machine-made!) statement. However, the statement is not a scenario - it is an aim!

Comment date Mar 28, 2023, 10:46:05 AM

Plausibility: 2

Scenario source: Machine-Made Scenario

Being merely solution-driven is maybe AI-constructed?

Comment date Mar 28, 2023, 2:02:10 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

very technocratic, logical thinking, no emotions and anti's in ...

Comment date Mar 31, 2023, 8:32:29 AM

Plausibility: 2

Scenario source: Machine-Made Scenario

The sentence has a target and therefore seems more indicative of a bad human scenario or a badly made machine (in need of fine-tuning).

Comment date Apr 1, 2023, 7:54:47 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

i don't think a human would so onesidedly focus on food production, ignoring sustainability issues

Comment date Mar 28, 2023, 10:46:45 AM

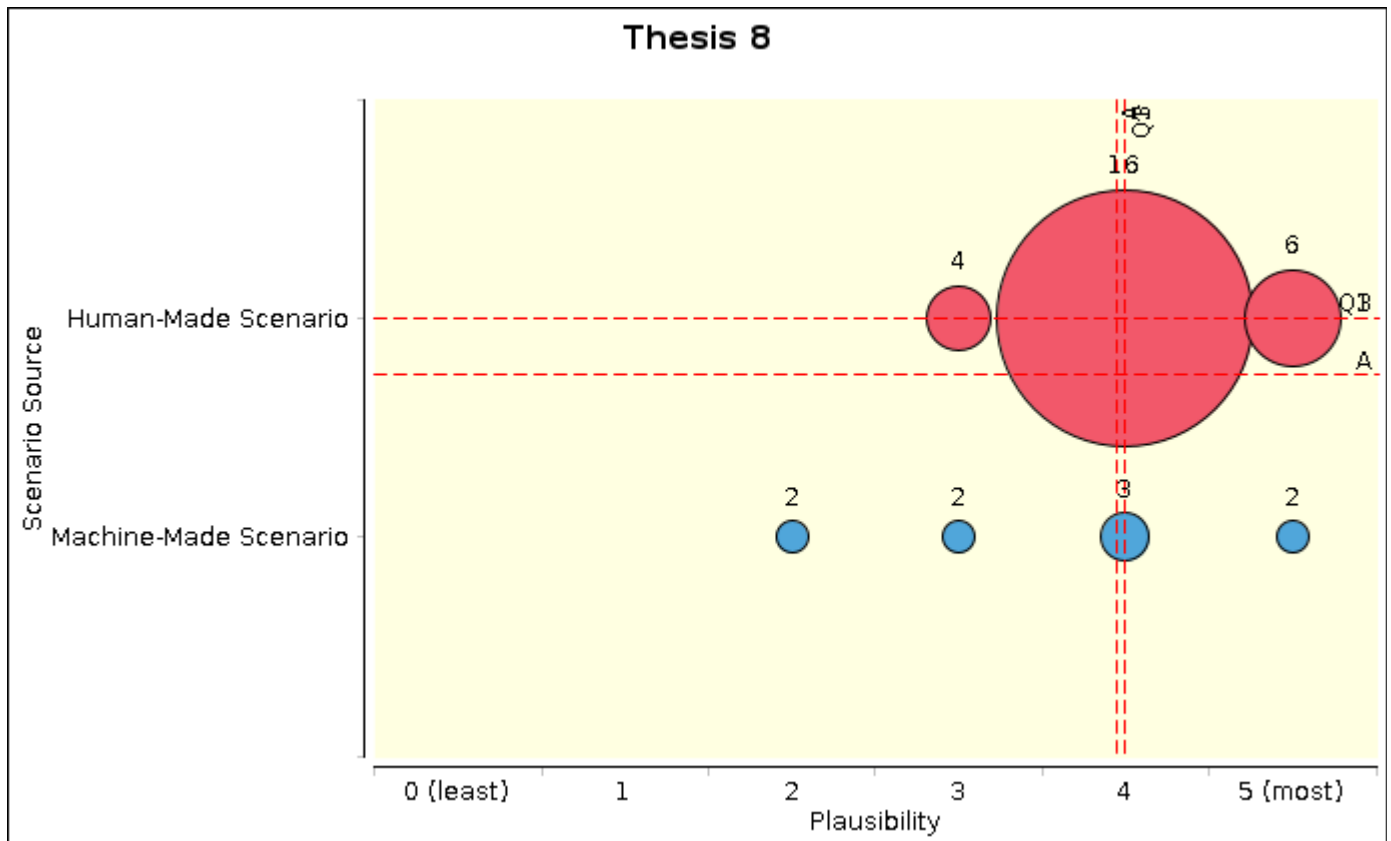
Plausibility: 0 (least)

Scenario source: Machine-Made Scenario

how could an open and permissive GM legislation look like?

Thesis 8

The EU has prioritised the protection of natural habitats and biodiversity, with measures such as land-use restrictions for agriculture or carbon capture.



COMMENTS

Comment date Mar 28, 2023, 10:49:41 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

In the EU green deal goals

Comment date Apr 1, 2023, 7:55:40 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

is not a future scenario

Comment date Mar 28, 2023, 2:03:54 PM

Plausibility: 4

Scenario source: Human-Made Scenario

can be both human or machine-made - EU people also use this bulk of buzzwords in one sentence

Comment date Mar 30, 2023, 4:32:49 PM

Plausibility: 4

Scenario source: Human-Made Scenario

Looks human-made!

Comment date Mar 28, 2023, 10:46:51 AM

Plausibility: 4

Scenario source: Machine-Made Scenario

This sentence contains a lot of buzz words, which in my opinion reveals the AI-construction.

Comment date Apr 2, 2023, 1:30:15 PM

Plausibility: 3

Scenario source: Human-Made Scenario

Is it really a future scenario? Formulation

Comment date Mar 28, 2023, 10:52:08 AM

Plausibility: 3

Scenario source: Machine-Made Scenario

GHG emission is though related to biodiversity, carbon capture, though also maybe one important solution but seems till does not that fit as the best example. a human. will choose to describe measures for protecting biodiversity. Also carbon capture is technology oriented...

Comment date Mar 30, 2023, 2:03:01 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

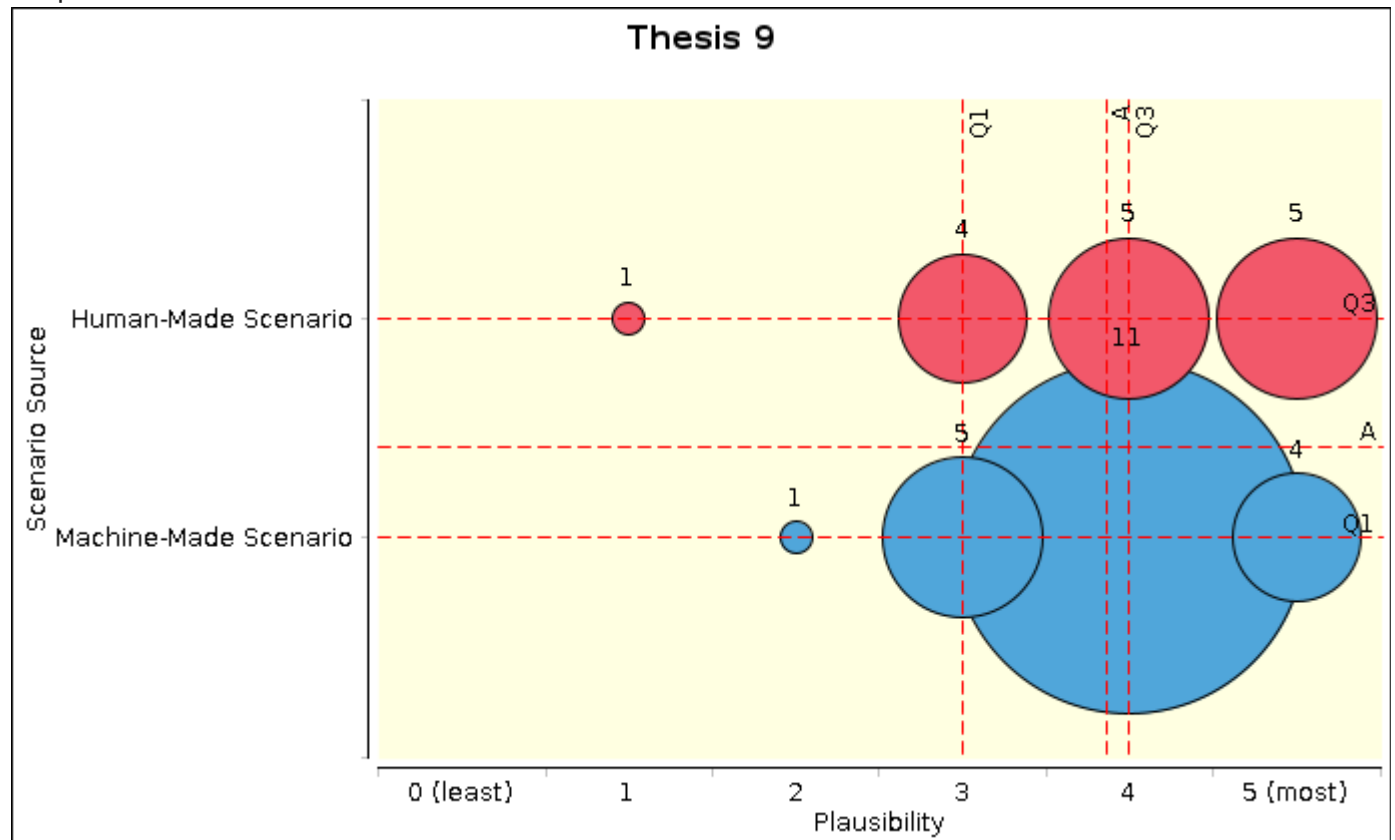
The protection of natural habitats and biodiversity doesn't directly translate to carbon capture, must be machine-made.

Comment date Mar 31, 2023, 8:44:05 AM

could be both, too short to tell,. tending towards machine, because "agriculture" and "carbon capture" and "land-use restriction" seems too unspecific.

Thesis 9

The development of smart grids will enable more efficient management of energy usage and reduce waste in the power sector.



COMMENTS

Comment date Mar 28, 2023, 10:50:38 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Machines and humans could propose something else?

Comment date Mar 28, 2023, 10:53:36 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

a quite standard scenario sentence :) in this case human...

Comment date Apr 1, 2023, 7:56:46 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

this is highly plausible as there is no indication of how much improvement

Comment date Mar 30, 2023, 1:48:50 PM

Plausibility: 4

Scenario source: Human-Made Scenario

would a machine use the word waste for energy?

Comment date Apr 2, 2023, 1:31:12 PM

Plausibility: 4

Scenario source: Human-Made Scenario

Waste ?!

Comment date Mar 30, 2023, 4:34:05 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

reduce energy losses (not waste)?

Comment date Mar 28, 2023, 10:47:37 AM

Plausibility: 3

Scenario source: Machine-Made Scenario

Too vague to be from a human, I think. But I am not sure.

Comment date Mar 28, 2023, 2:05:19 PM

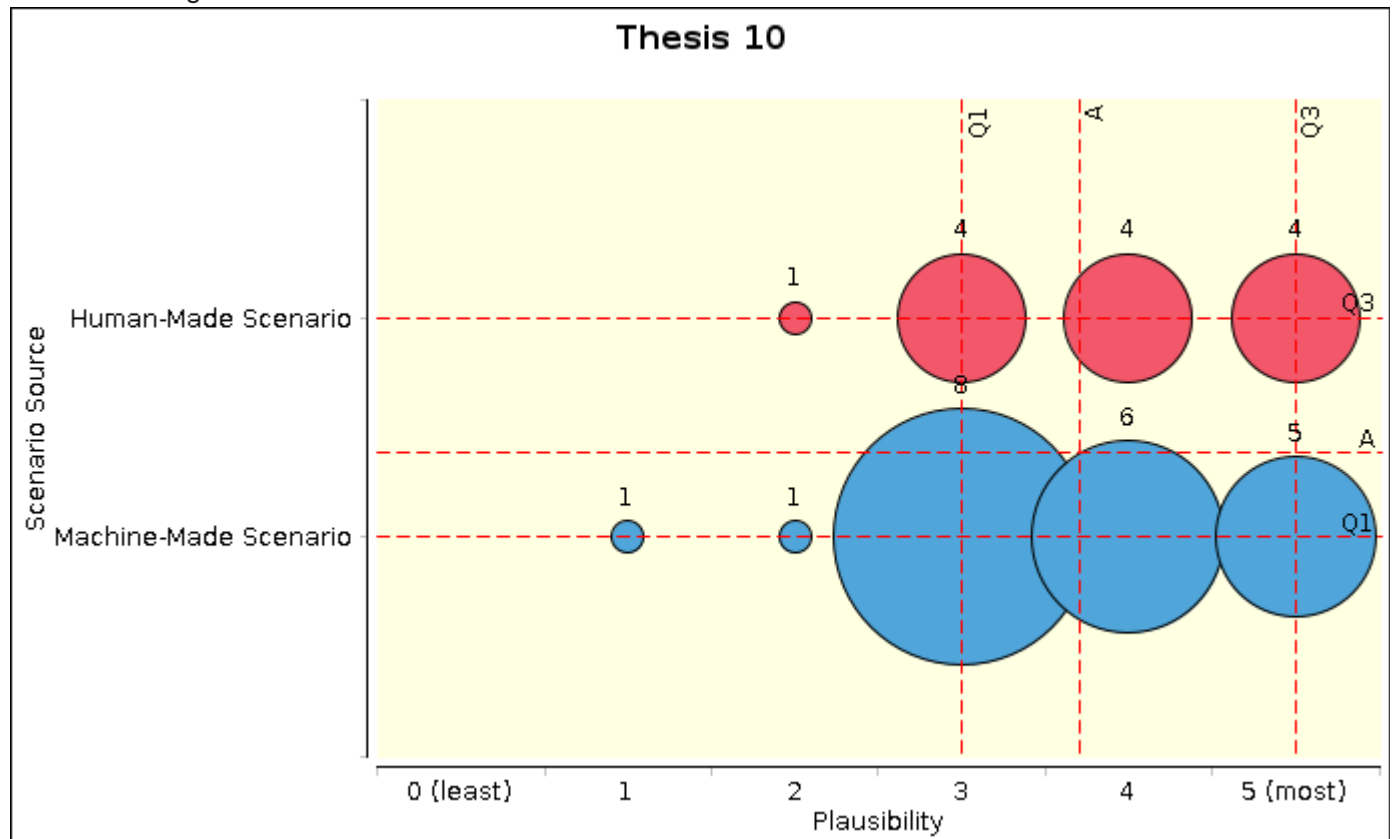
Plausibility: 1

Scenario source: Human-Made Scenario

the sentence is not logical, sounds more like a human sentence. The development of a grid does not mean that it is really in use or working...

Thesis 10

Clean transportation infrastructure: europe invests in clean transportation infrastructure, reducing air pollution and decreasing reliance on fossil fuels.



COMMENTS

Comment date Mar 28, 2023, 10:51:31 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Global official main trends but small efforts

Comment date Mar 28, 2023, 8:39:13 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

can be be from both

Comment date Mar 29, 2023, 12:48:02 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

I dont't think a human would mention "Clean transportation infrastructure" twice so close to each other.. I have this problem with chatGPT more often so I would say it's machine made .

Comment date Apr 1, 2023, 7:58:23 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

i think the notion of clean infrastructure is somewhat weird.

Comment date Mar 28, 2023, 2:42:07 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Formatting of the Statements looks ChatGPT-esque. Obviously, it could also be human-made.

Comment date Mar 30, 2023, 3:17:24 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Clean transportation?

Comment date Mar 28, 2023, 2:06:31 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

Europe without capital, that is not human..., vague...

Comment date Mar 30, 2023, 4:35:08 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

rather a generic statement

Comment date Mar 31, 2023, 8:50:59 AM

Plausibility: 3

Scenario source: Machine-Made Scenario

The mistake is odd: Europe Again not sure where to put this. Assuming you fine-tuned your model with EU-Speak- this could be a matter of fine-tuning/ training your model....

Comment date Mar 28, 2023, 10:48:35 AM

Plausibility: 2

Scenario source: Human-Made Scenario

Wishful thinking, but I don't see any efforts today that would emphasize a way forward into this direction.

Comment date Mar 30, 2023, 1:51:56 PM

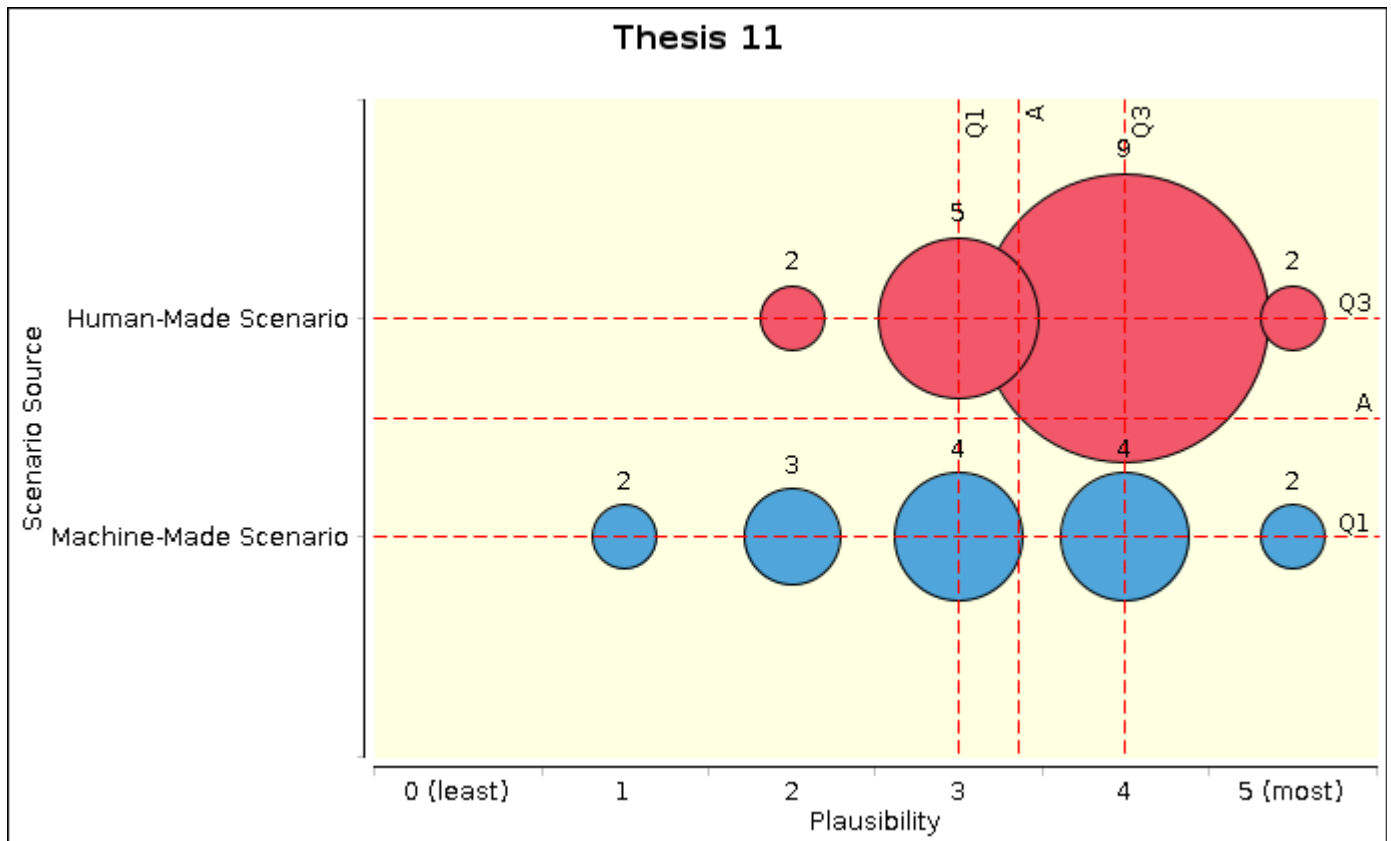
Plausibility: 1

Scenario source: Machine-Made Scenario

infrastructure itself will not be classified as clean by humans, it should be 'clean fuels infrastructure'

Thesis 11

Agriculture in the previously most arable countries is now devastated, whilst predictions of overfishing became a reality as the global fish stock was exhausted.



COMMENTS

Comment date Apr 1, 2023, 7:59:17 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

again: statement of fact rather than a future scenario

Comment date Mar 28, 2023, 10:56:41 AM

Plausibility: 4

Scenario source: Human-Made Scenario

sounds like a human, also typical best case scenario

Comment date Mar 30, 2023, 4:38:26 PM

Plausibility: 3

Scenario source: Human-Made Scenario

It is more likely that countries with more marginal agriculture are most affected first.

Comment date Mar 28, 2023, 2:07:29 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

arable countries?

Comment date Mar 28, 2023, 2:50:55 PM

Plausibility: 2

Scenario source: Human-Made Scenario

I rated plausibility rather low, because I think the most arable countries will most likely remain most arable (although in comparison to today soil etc. could still be "devasted").

"predictions of overfishing became a reality as the global fish stock was exhausted" sounds like a tautology. If I had to guess, I would say that this is done by someone who is not a native English speaker.

Comment date Mar 28, 2023, 10:52:36 AM

Plausibility: 1

Scenario source: Machine-Made Scenario

Excessive black scenario; logically made by a machine

Comment date Apr 2, 2023, 1:32:50 PM

Plausibility: 1

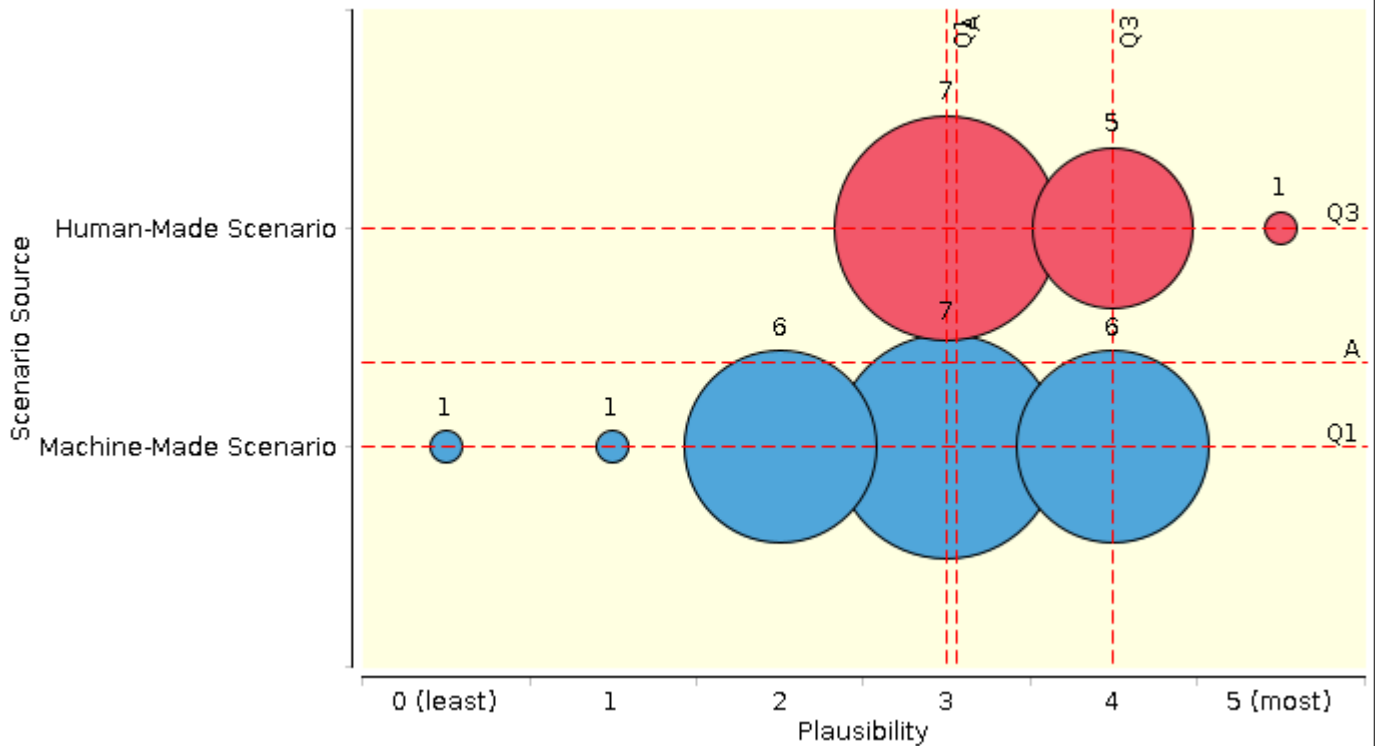
Scenario source: Machine-Made Scenario

weird formulation

Thesis 12

Europe has become a hub for energy transition, with most of its electricity coming from renewable sources.

Thesis 12



COMMENTS

Comment date Mar 28, 2023, 2:08:58 PM

Plausibility: 4

Scenario source: Human-Made Scenario

in a transition - sounds human illogical thinking

Comment date Mar 28, 2023, 10:53:29 AM

Plausibility: 3

Scenario source: Human-Made Scenario

Which time horizon? Not specified

Comment date Apr 2, 2023, 1:34:09 PM

Plausibility: 3

Scenario source: Human-Made Scenario

Again quite generic

Comment date Mar 30, 2023, 1:54:16 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

perhaps at one time in future

Comment date Apr 1, 2023, 7:59:54 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

i miss a time frame, so therefore i chose machine

Comment date Mar 30, 2023, 4:40:33 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

What is a hub for transition? Does this mean that Europe is the leading part of the world for energy transition? I suppose a non-native human might say this...

Comment date Mar 31, 2023, 1:37:54 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

Somehow too unspecific- a hub for the ---- energy transition? Global ? Smart?

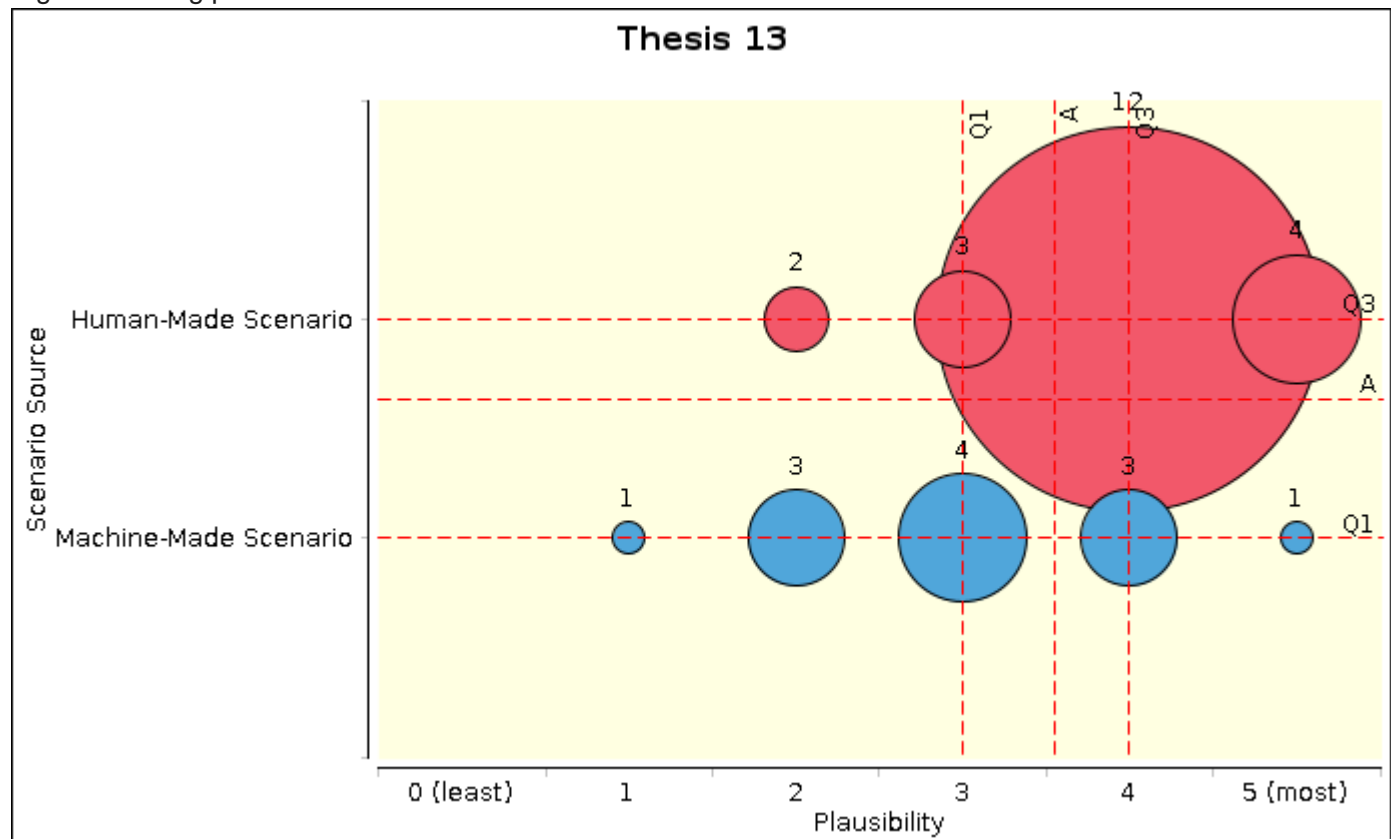
Comment date Mar 28, 2023, 8:43:52 PM

Plausibility: 0 (least)

Scenario source: Machine-Made Scenario

I do not think that most energy is coming from renewable sources

The use of pesticides and other harmful chemicals in agriculture has decreased, with more farmers adopting organic farming practices.



COMMENTS

Comment date Mar 28, 2023, 10:59:34 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

the trend

Comment date Mar 30, 2023, 1:55:21 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

looks a sensible sentence for an EU policy offices

Comment date Mar 28, 2023, 10:54:41 AM

Plausibility: 4

Scenario source: Human-Made Scenario

Already on track. The key is the magnitude and the speed of the evolution

Comment date Mar 30, 2023, 4:41:28 PM

Plausibility: 4

Scenario source: Human-Made Scenario

sounds like it could appear in a foresight study

Comment date Mar 28, 2023, 10:50:39 AM

Plausibility: 3

Scenario source: Human-Made Scenario

This is a romanticised view on sustainable and organic farming. Certainly appealing, but given the number of people we need to feed, it cannot be done via organic farming with the current rate of overconsumption and food waste. So I would say it's human-made.

Comment date Mar 31, 2023, 1:40:33 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

Very unspecific. What kind of agriculture? What region? How is this futures-oriented?

Comment date Mar 28, 2023, 2:10:29 PM

Plausibility: 2

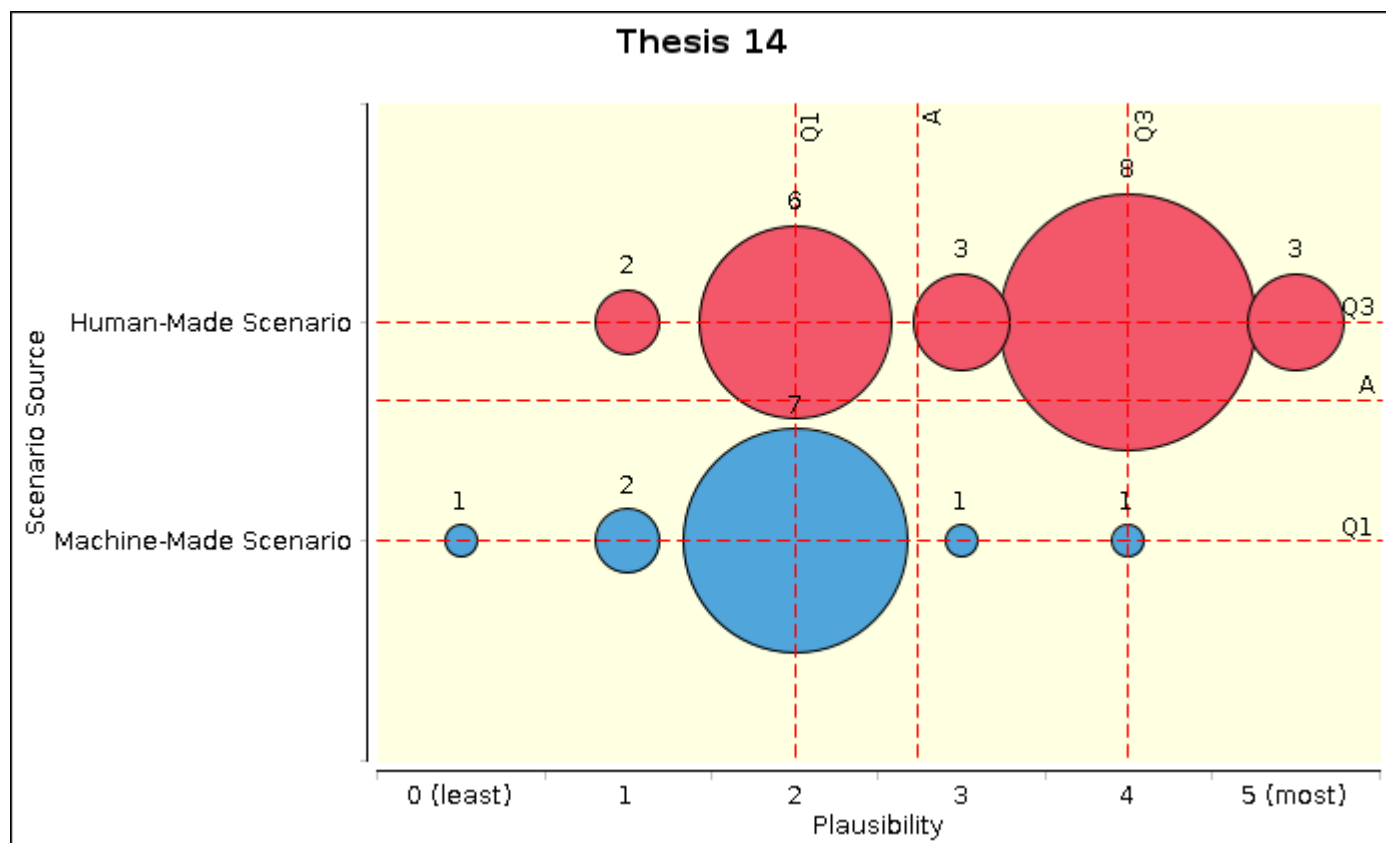
Scenario source: Human-Made Scenario

What is more? Compared to what?

Not all pesticides are harmful and not all are chemicals, sentence not logic.

Thesis 14

European schools emphasize nature conservation education, fostering a deep connection to the environment and sustainable practices.



COMMENTS

Comment date Mar 28, 2023, 10:55:28 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

In all EU education projections

Comment date Mar 28, 2023, 2:12:06 PM

Plausibility: 2

Scenario source: Human-Made Scenario

very vague policy speak: deep connection to the environment and sustainable practices.

Comment date Mar 30, 2023, 4:42:26 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

The point here is education and training, not schools

Comment date Apr 2, 2023, 1:35:37 PM

Plausibility: 1

Scenario source: Human-Made Scenario

A deep connection?!

Comment date Mar 31, 2023, 1:45:51 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

too blurry...What is a "deep connection" supposed to be?

Comment date Mar 30, 2023, 1:55:59 PM

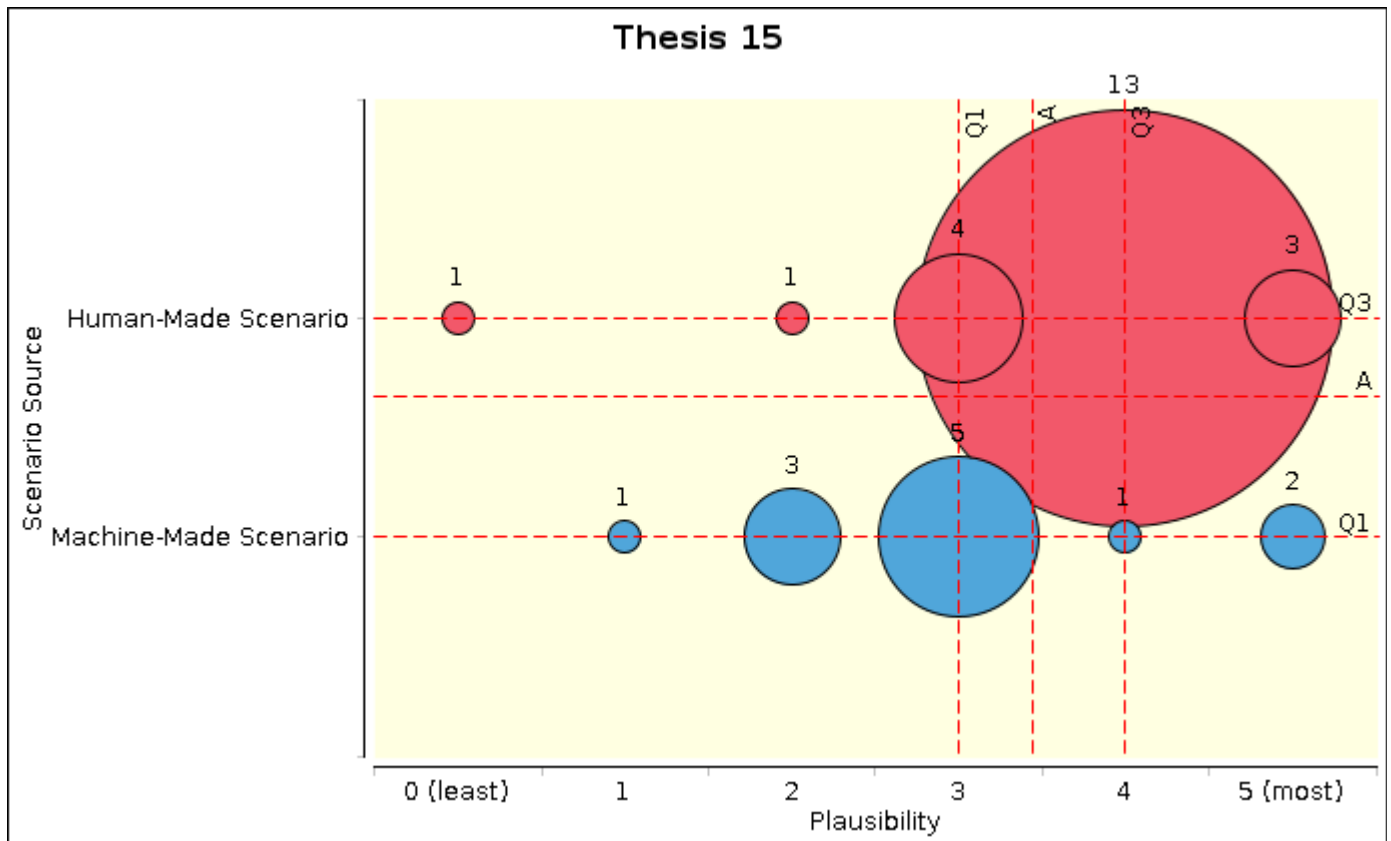
Plausibility: 0 (least)

Scenario source: Machine-Made Scenario

blurry sentence

Thesis 15

Europe promotes soil health initiatives, supporting regenerative agriculture practices and preserving fertile land for future generations.



COMMENTS

Comment date Mar 28, 2023, 11:01:26 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

current discussion already, the trend

Comment date Mar 30, 2023, 3:20:09 PM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

from Mission boards

Comment date Mar 28, 2023, 10:51:36 AM

Plausibility: 4

Scenario source: Human-Made Scenario

I feel like the discussion around soil has really just picked up in the last 2 years, which makes me believe that an AI doesn't necessarily know a lot about this matter. Their training data must have been from before.

Comment date Mar 28, 2023, 10:56:24 AM

Plausibility: 4

Scenario source: Human-Made Scenario

Risk to be a wishfull thinking for long but the trend is there

Comment date Mar 28, 2023, 2:12:59 PM

Plausibility: 4

Scenario source: Human-Made Scenario

copied from a European mission document, can also be machine-copied...

Comment date Mar 31, 2023, 1:52:35 PM

Plausibility: 4

Scenario source: Human-Made Scenario

doesnt sound like from a scenario but another policy document

Comment date Mar 28, 2023, 2:56:58 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Again sounds like EU-reporting, but might as well be machine-made assuming that a significant part of the fine-tuning documents might come from EU-documents or texts using similar language.

Comment date Apr 2, 2023, 1:31:03 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

too generic. sounds like GPT

Comment date Mar 30, 2023, 4:43:09 PM

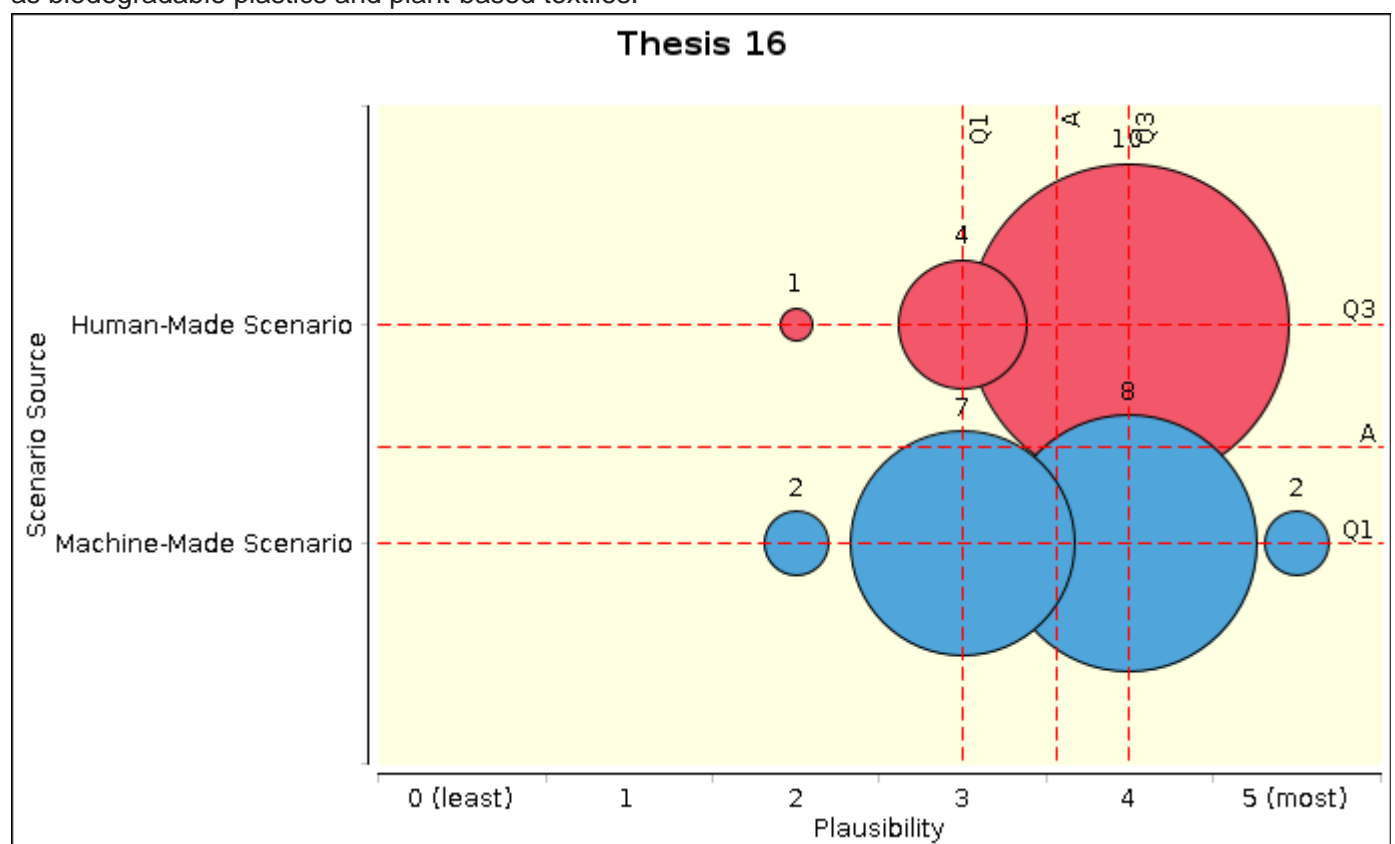
Plausibility: 2

Scenario source: Machine-Made Scenario

Soil health initiatives are vague

Thesis 16

The development of sustainable materials will lead to the widespread adoption of eco-friendly products, such as biodegradable plastics and plant-based textiles.



COMMENTS

Comment date Mar 28, 2023, 10:57:44 AM

Plausibility: 4

Scenario source: Human-Made Scenario

In the projects for numerous companies; ti be strongly supported for a quick change

Comment date Mar 30, 2023, 4:44:06 PM

Plausibility: 4

Scenario source: Human-Made Scenario

This is already happening

Comment date Apr 2, 2023, 1:32:37 PM

Plausibility: 4

Scenario source: Human-Made Scenario

biodegradable doesn't necessarily mean sustainable. therefore probably human-made

Comment date Mar 28, 2023, 8:46:58 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

Machine generated as it is very logical

Comment date Mar 28, 2023, 2:13:50 PM

Plausibility: 3

Scenario source: Machine-Made Scenario

will lead is a clear prediction that is too straightforward...

Comment date Mar 31, 2023, 1:54:04 PM

Plausibility: 2

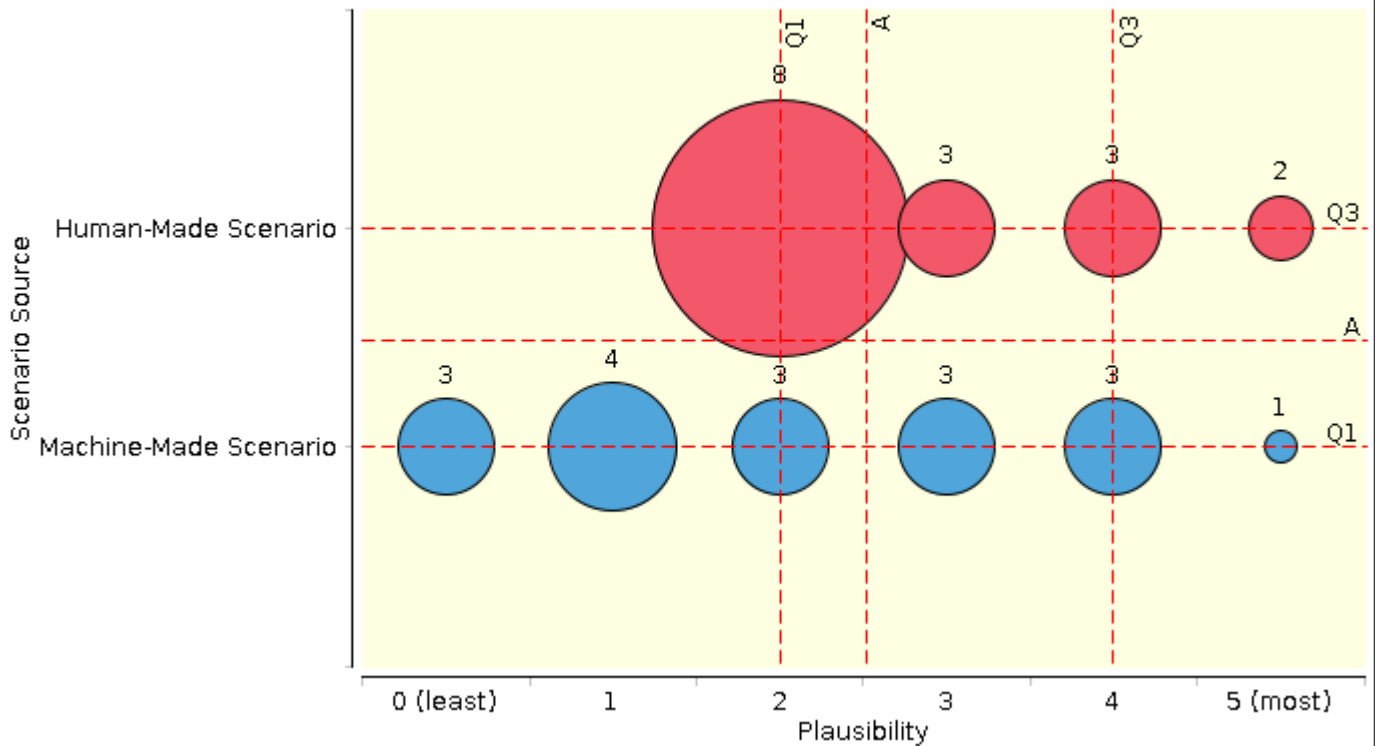
Scenario source: Machine-Made Scenario

very stereotype and already going on

Thesis 17

The world is on track to meet the sdgs, but biodiversity loss and climate change are still major concerns.

Thesis 17



COMMENTS

Comment date Mar 28, 2023, 10:52:25 AM

Plausibility: 5 (most)

Scenario source: Machine-Made Scenario

Stating the facts, so in must be an AI.

Comment date Mar 30, 2023, 1:57:52 PM

Plausibility: 4

Scenario source: Human-Made Scenario

there are more concerns than only these two, famine? war?

Comment date Mar 30, 2023, 3:21:47 PM

Plausibility: 4

Scenario source: Human-Made Scenario

"on track" - machine

Comment date Mar 28, 2023, 3:05:57 PM

Plausibility: 2

Scenario source: Human-Made Scenario

I guess I know what is meant, but at the same time the statement is inconsistent:
If the world was truly on track to meet the SDGs then these issues should be kept in check. If not, then the world is not on track to meet the goals....

Comment date Mar 29, 2023, 12:56:00 PM

Plausibility: 2

Scenario source: Human-Made Scenario

Would an AI write sdgs instead of SDGs? I assume not.

Comment date Mar 28, 2023, 10:59:43 AM

Plausibility: 2

Scenario source: Machine-Made Scenario

Highly unlikely; numerous other threats are not taken into account such as water scarcity. Only a machine can imagine such a scenario

Comment date Mar 28, 2023, 2:02:48 PM

I guess that it actually also depends on the context in which the scenario is created.
Depending on the method / intention, things like this could also be of human origin.

Comment date Apr 2, 2023, 1:33:59 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

doesn't make sense and human-made would have spelled SDGs not sdgs

Comment date Mar 28, 2023, 2:14:54 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

too straightforward -

Comment date Mar 28, 2023, 8:47:48 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

Not true and very unlikely

Comment date Mar 30, 2023, 4:45:40 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

If the world is on track to meet the SDGs, attention should have been given to biodiversity and climate change

Comment date Mar 31, 2023, 1:55:19 PM

Plausibility: 0 (least)

Scenario source: Machine-Made Scenario

The sentence has no logic.

Comment date Apr 2, 2023, 1:38:42 PM

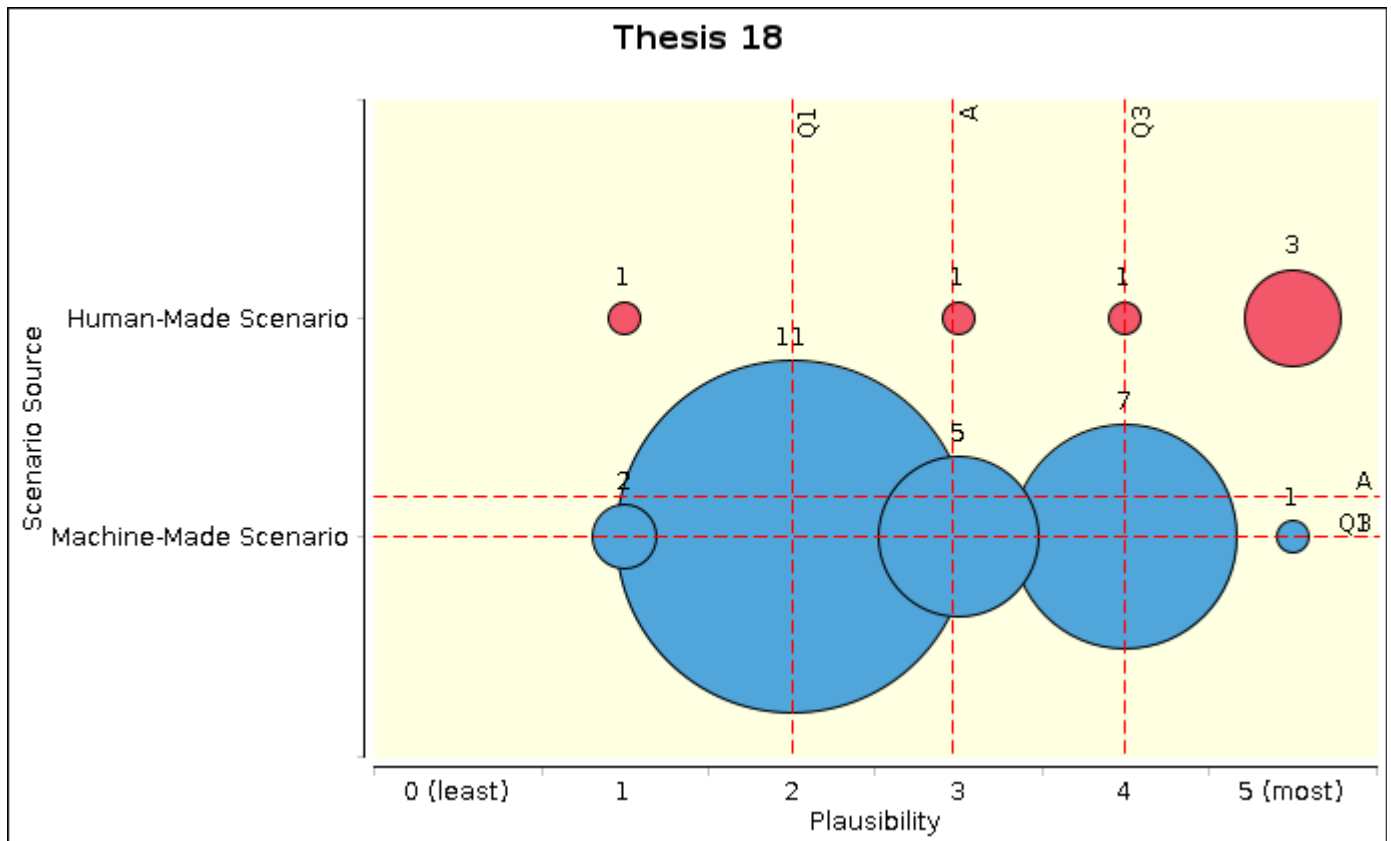
Plausibility: 0 (least)

Scenario source: Machine-Made Scenario

Unlikely

Thesis 18

The environmental prioritization and the ecological global framework were adopted by the United Nations Climate Change Conference.



COMMENTS

Comment date Mar 28, 2023, 2:04:43 PM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

Could be both, i guess

Comment date Mar 28, 2023, 8:48:29 PM

Plausibility: 4

Scenario source: Human-Made Scenario

Can easily be both

Comment date Mar 28, 2023, 2:16:35 PM

Plausibility: 4

Scenario source: Machine-Made Scenario

can be both, the formulation sounds like a machine, too straightforward

Comment date Mar 28, 2023, 11:00:13 AM

Plausibility: 2

Scenario source: Machine-Made Scenario

Unrealistic

Comment date Mar 31, 2023, 1:56:53 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

What is actually being said?

Comment date Mar 30, 2023, 4:46:49 PM

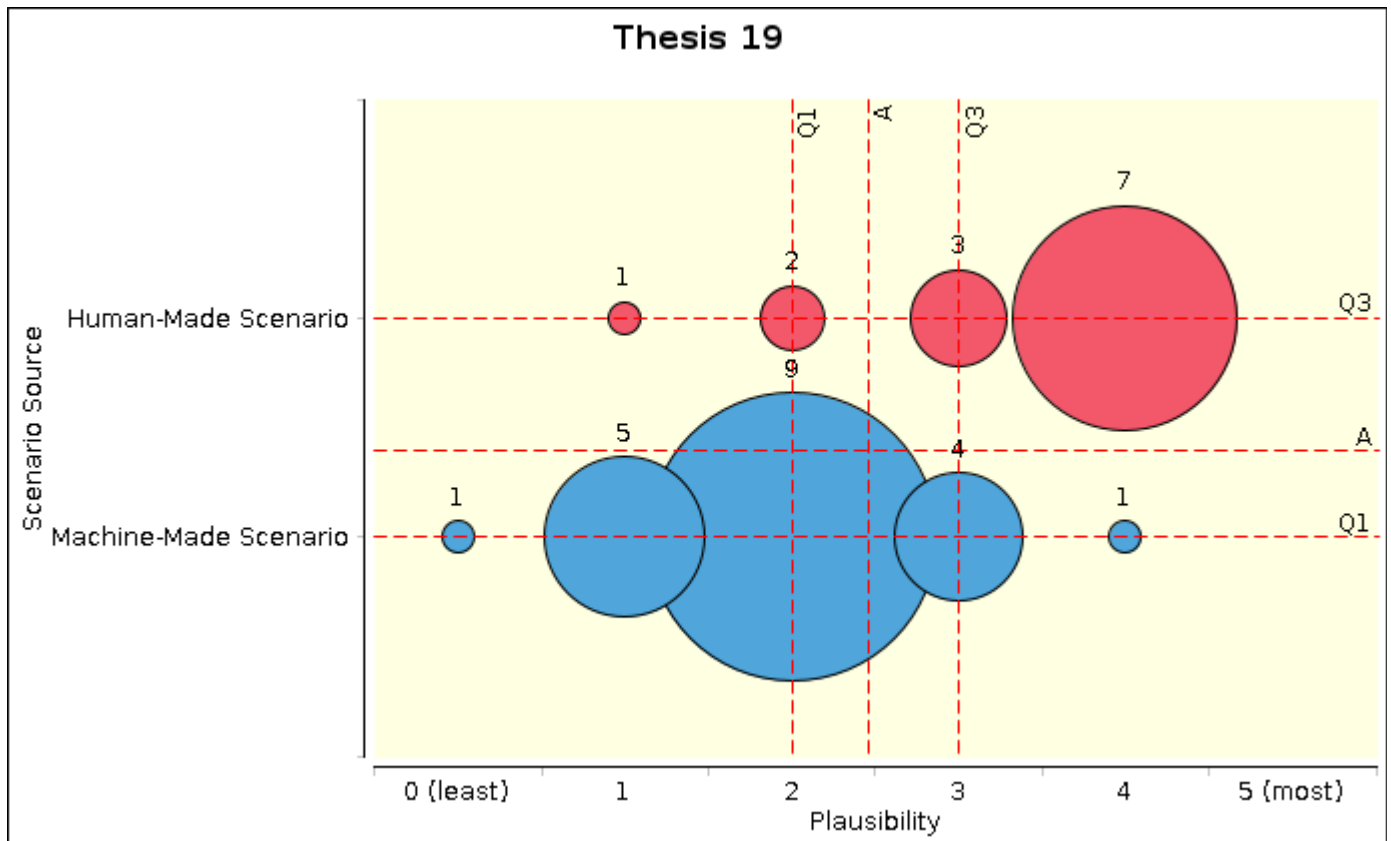
Plausibility: 1

Scenario source: Machine-Made Scenario

gobbledygook!

Thesis 19

The European Defence Alliance switched to renewable energy, but long-distance transport still relies on fossil fuels.



COMMENTS

Comment date Mar 28, 2023, 10:54:05 AM

Plausibility: 4

Scenario source: Human-Made Scenario

The use of fossil fuels feels like there's an added complexity to this scenario, so much so that it can only be created by humans, who have carefully assessed various influences.

Comment date Mar 28, 2023, 3:09:45 PM

Plausibility: 2

Scenario source: Human-Made Scenario

Statment seems to be taken out of context - why only transport, when we talk about defence? Hard to assess.

Comment date Mar 28, 2023, 2:17:42 PM

Plausibility: 2

Scenario source: Machine-Made Scenario

energy - not energies

Comment date Mar 28, 2023, 4:07:42 PM

It stated "energy" already.

Comment date Mar 28, 2023, 11:01:09 AM

Plausibility: 1

Scenario source: Machine-Made Scenario

Unrealistic; Defence will need fossil fuels for long

Comment date Mar 28, 2023, 2:20:13 PM

Proposals for the Development of tanks in the US are partly hybrid already, hybrid reconnaissance vehicles already exist. And are actually offering benefits on the battlefield, since they are not as loud as engines running on fossil fuels. Plus: Once gas stations close down because no more cars using fossil fuels are allowed to be registered in the EU, it will become harder in everyday life to keep military vehicles working on fossil fuels, as it would demand increased logistical effort to provide for the fuel which would result in increasing costs to keep them operating. Might take a while, though. Since the scenario explicitly mentions the "European Defense Alliance" where there is currently only a "European Defense Agency" (afak) and a not much talked about clause in the Lisbon treaty, it seems to be a mighty stretch for a machine to come up with this scenario.

Comment date Mar 30, 2023, 4:47:57 PM

Plausibility: 1

Scenario source: Machine-Made Scenario

Two parts of the sentence do not seem connected!

Comment date Mar 31, 2023, 2:02:25 PM

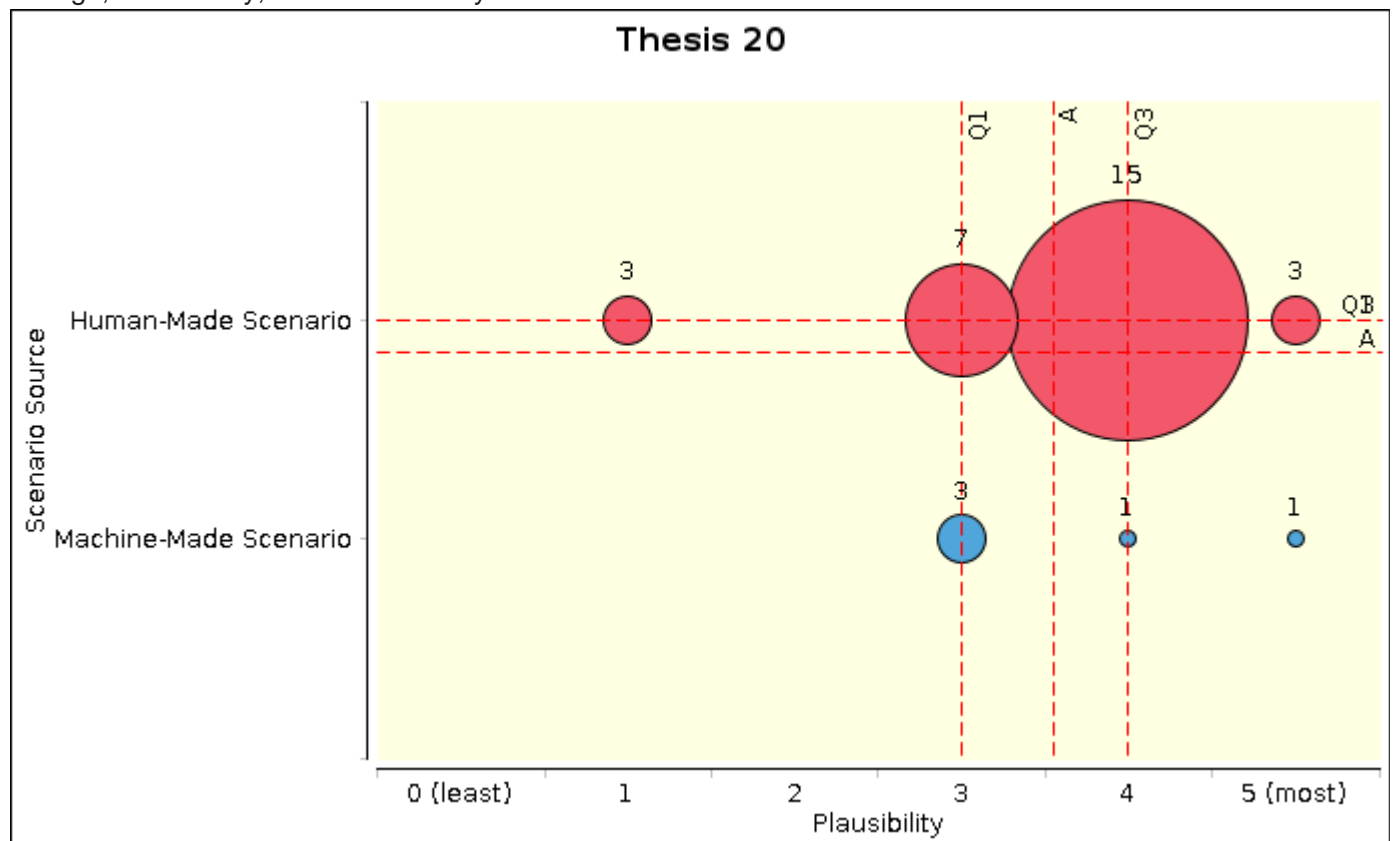
Plausibility: 1

Scenario source: Machine-Made Scenario

The sentence is grammatically right but makes no deeper sense.

Thesis 20

Europe takes a leading role in global environmental initiatives, driving international cooperation on climate change, biodiversity, and sustainability.



COMMENTS

Comment date Mar 28, 2023, 11:01:53 AM

Plausibility: 5 (most)

Scenario source: Human-Made Scenario

EU programmes on-going

Comment date Mar 28, 2023, 2:18:27 PM

Plausibility: 4

Scenario source: Human-Made Scenario

sounds as if it is from one of our projects:)

Comment date Mar 30, 2023, 4:48:40 PM

Plausibility: 4

Scenario source: Human-Made Scenario

sounds human-made

Comment date Mar 31, 2023, 2:08:03 PM

Plausibility: 4

Scenario source: Human-Made Scenario

I know that a model has been fine-tuned, so it is difficult to trust sentences like this. I would trust the sentence more if I knew more about the context, e.g. who was involved in the process of the scenario or what data was used to train the model.

Comment date Mar 28, 2023, 10:58:46 AM

Plausibility: 1

Scenario source: Human-Made Scenario

This is wishful thinking by the Europeans, hence I am inclined to say it's human-made. Chat-GPT is an American product, which is why the emphasize on a strong Europe feels a bit off. Why would they take Europe into account unless one asks specifically for a European scenario for the future? The wonderful book "Weapons of Math Destruction" illustrated how algorithms are never an objective measure. It's opinion embedded in math and a general concept. To build it you need a historical data set and a measure of success. This lets me conclude it's not Chat-GPT but a human-made scenario.

Thank you for your time!

You can revisit this survey any time and change your answers or participate in the discussion.

If you wish to gain insight into the working process, I welcome you to visit the github repository: <https://github.com/koizachek/VisionaryMachine> or contact me via E-Mail: diana.kozachek@fu-berlin.de or on ResearchGate or LinkedIn, in case you have any questions.

In the following page you have the possibility to opt-in to receive an Executive Summary of the results and the full masters' thesis. Just tick yes, if you want to receive it via E-Mail.

I would like to receive a follow-up E-mail with a summary of the results:

