5G van Huawei

5G-technologie vanuit China (Huawei) om de (internet) infrastructuur in Tilburg te verbeteren

Impact on society
What impact is expected from your technology?

What is exactly the problem? Is it really a problem? Are you sure?
Het 5G-netwerk biedt ruimte voor snellere dataverbindingen voor telefoons en maakt het eenvoudiger om op grote schaal apparaten of autos met het mobiele net te verbinden. Informatie kan makkelijk gedeeld worden

Are you sure that this technology is solving the RIGHT problem?
We all have to use the internet. Now it's faster

How is this technology going to solve the problem?
Antennes everywhere

What negative effects do you expect from this technology?
Possibility that the technology from China will have backdoors that allow the Chinese government to spy

Municipalities don't always have all the necessary knowledge to shield civilians from possible threats

Communities are already very dependent on technology and internet. Without it, supermarkets wouldn't open, hospitals wouldn't be able to run and we can't travel with public transport. There is no need to be even more smart.

In what way is this technology contributing to a world you want to live in?
It will make tedious things probably faster. More information about busy roads, highways and transport can result in less traffic jams or business.

Now that you have thought hard about the impact of this technology on society (by filling out the questions above), what improvements would you like to make to the technology? List them below.
No

Hateful and criminal actors
What can bad actors do with your technology?

In which way can the technology be used to break the law or avoid the consequences of breaking the law?
Break the law:
Espionage, lack of privacy concerns, no idea where the information collected is going

Can fakers, thieves or scammers abuse the technology?
Yes of course. If you have more antennas you have more precise info of where someone ('s phone) is. Why would anyone want that, it's a violation of privacy.

Can the technology be used against certain (ethnic) groups or (social) classes?
All of the internet can be used to do that. It's not necessarily the work of an antenna.

In which way can bad actors use this technology to pit certain groups against each other? These groups can be, but are not constrained to, ethnic, social, political or religious groups.
I don't know if this technology will be used to pit groups against each other, at it is more a risk to every person personally.

How could bad actors use this technology to subvert or attack the truth?
Use the antennas to filter info you can acces online

Now that you have thought hard about how bad actors can impact this technology, what improvements would you like to make? List them below.
No

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Privacy

Are you considering the privacy & personal data of the users of your technology?

Does the technology register personal data? If yes, what personal data?

Yes

GPS location, IP adress phone, google account (?), what site/app you accesed while using it

Do you think the technology invades the privacy of the stakeholders? If yes, in what way?

Yes, in every way. Because everything a person does with technology is logged somewhere. It doesn't belong to the owner, who created this info.

Is the technology is compliant with prevailing privacy and data protection law? Can you indicate why?

It has to. But I don't think so. Newspapers reported of 'backdoors' in the newspapers, and that is prohibited. We have the right to acces our own data.

Does the technology mitigate privacy and data protection risks/concerns (privacy by design)? Please indicate how.

?

In which way can you imagine a future impact of the collection of personal data?

Big brother is watching you doom scenario

Now that you have thought hard about privacy and data protection, what improvements would you like to make? List them below.

no

Human values

How does the technology affect your human values?

How is the identity of the (intended) users affected by the technology?
More antennas means more locations that can be pinned very accurately, so your location will be easier known.

How does the technology influence the users' autonomy?
I hope it doesn't

What is the effect of the technology on the health and/or well-being of users?
?

Now that you have thought hard about the impact of your technology on human values, what improvements would you like to make to the technology? List them below.
?

Stakeholders
Have you considered all stakeholders?

This category is only partial filled.

Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by answering these questions.

Name of the stakeholder
Municipality Tilburg

How is this stakeholder affected?
It's their city 'of the future'

They spend a lot fof money

Did you consult the stakeholder?
Yes

Are you going to take this stakeholder into account?
No

Did you consider all stakeholders, even the ones that might not be a user or target group, but still might be of interest?
-

Now that you have thought hard about all stakeholders, what improvements would you like to make? List them below.
This question has not been answered yet.

Data
Is data in your technology properly used?

Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into account in the technology?
I am aware, and unfortunately this isn't reflected in my technology. Because the technology is from China\, and therefore very shielded.

How does the technology organize continuous improvement when it comes to the use of data?
Ethical team

How will the technology keep the insights that it identifies with data sustainable over time?
??

In what way do you consider the fact that data is collected from the users?
When they use internet, the tower will turn on.And generate all the data

Now that you have thought hard about the impact of data on this technology, what improvements would you like to make? List them below.
no

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Inclusivity
Is your technology fair for everyone?

This category is only partial filled.

Will everyone have access to the technology?
Yes, everyone with a new phoone

Does this technology have a built-in bias?
No??

Does this technology make automatic decisions and how do you account for them?
I would make China sign a form too, to split the guilt

Is everyone benefitting from the technology or only a a small group? Do you see this as a problem? Why/why not?
At first a small group (people who can afford a new phone)

Does the team that creates the technology represent the diversity of our society?
This question has not been answered yet.

Now that you have thought hard about the inclusivity of the technology, what improvements would you like to make? List them below.
This question has not been answered yet.

Transparency
Are you transparent about how your technology works?

This category is only partial filled.

Is it explained to the users/stakeholders how the technology works and how the business model works?
?

If the technology makes an (algorithmic) decision, is it explained to the users/stakeholders how the decision was reached?
This question has not been answered yet.

Is it possible to file a complaint or ask questions/get answers about this technology?
This question has not been answered yet.

Is the technology (company) clear about possible negative consequences or shortcomings of the technology?
This question has not been answered yet.

Now that you have thought hard about the transparency of this technology, what improvements would you like to make? List them below.
This question has not been answered yet.

Sustainability

Is your technology environmentally sustainable?

This category is only partial filled.

In what way is the direct and indirect energy use of this technology taken into account?
Yes! Internet

Do you think alternative materials could have been considered in the technology?
No

Do you think the lifespan of the technology is realistic?
I dont know

What is the hidden impact of the technology in the whole chain?
This question has not been answered yet.

Now that you have thought hard about the sustainability of this technology, what improvements would you like to make? List them below.
This question has not been answered yet.

Future
Did you consider future impact?

This category is only partial filled.

What could possibly happen with this technology in the future?
This question has not been answered yet.

Sketch a or some future scenario (s) (20-50 years up front) regarding the technology with the help of storytelling. Start with at least one utopian scenario.
Everyone living in Smart City Tilburg will have loads of time. Will never have to wait in line anywhere, wait on the train, or be in a too crowded area. You can always find a parking spot, since your smart car will drive you there. You dont even have to think!

Sketch a or some future scenario (s) (20-50 years up front) regarding the technology with the help of storytelling. Start with at least one dystopian scenario.
It's 2100, and camera's are everywhere. George Orwell's book has become the truth we so fought against so hard.

In the corner is a telescreen, it measures how happy you are, how rich you are, and how fat you are. This combined gives you a number that corresponds with your place in society.

Innocence means nothing anymore, if you do so much as look at the wrong things, you will be put in jail. Everything will be tracked, and will put you in a categorie.

Would you like to live in one of this scenario's? Why? Why not?
No. Because it's important to keep your humanity and be able to make your own decisions. Furthermore, it's important to be anonymous sometimes. You really don't need to be in touch at all times. In order to stay human, you have to be able to choose what technologies you use, in stead of living in smart cities.

What happens if the technology (which you have thought of as ethically well-considered) is bought or taken over by another party?
This question has not been answered yet.

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Impact Improvement: Now that you have thought hard about the future impact of the technology, what improvements would you like to make? List them below.

This question has not been answered yet.