

# vliegtuig brancard

een tafel waar je een brancard op kan vast maken. deze tafel is goed in het manoeuvreren in kleine ruimtes

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# Technology Impact Cycle Tool

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## Impact on society

What impact is expected from your technology?

### What is exactly the problem? Is it really a problem? Are you sure?

het ontlasten van de werknemers die de patient binnen en uit het vliegtuig moeten dragen.

### Are you sure that this technology is solving the RIGHT problem?

de vraag komt van het ambulance personeel. en gefocust op deze mensen hebben we het product ontwikkeld

### How is this technology going to solve the problem?

het zal het gewicht dragen voor de medewerkers. dit doet hij aan de hand van de poten.

### What negative effects do you expect from this technology?

ze willen ergonomisch werken. maar het obstakel punt blijft doordat ze de brancard zelf naar het vliegtuig moeten dragen.

### In what way is this technology contributing to a world you want to live in?

minder rugklachten in onze wereld.

### 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 we didn't

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## Hateful and criminal actors

What can bad actors do with your technology?

*This category is not applicable for this technology.*

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## Privacy

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

*This category is only partial filled.*

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

NO

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

NO

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

NO

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

*This question has not been answered yet.*

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

*This question has not been answered yet.*

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

*This question has not been answered yet.*

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## Human values

How does the technology affect your human values?

**How is the identity of the (intended) users affected by the technology?**  
nee

**How does the technology influence the users' autonomy?**

Het haalt de eigen beslissing weg. Omdat iemand niet zelfstandig kan lopen, of helemaal niet, en daarom op de brancard het vliegtuig uit moet.

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

De gebruikers zijn degene die in eerste instantie de brancard uit het vliegtuig tillen. Door het gebruik van de hulpmiddel worden rugklachten verminderd of voorkomen.

**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.**

nee

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## Stakeholders

Have you considered all stakeholders?

*This category has not been filled yet.*

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## Data

Is data in your technology properly used?

*This category has not been filled yet.*

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## Inclusivity

Is your technology fair for everyone?

**Will everyone have access to the technology?**

nee, alleen de mensen die gewond zijn of slecht ter been.

**Does this technology have a built-in bias?**

NO

**Does this technology make automatic decisions and how do you account for them?**

NO

**Is everyone benefitting from the technology or only a a small group?**

**Do you see this as a problem? Why/why not?**

alleen een kleine groep. maar iedereen kan er gebruik van maken.

**Does the team that creates the technology represent the diversity of our society?**

ja we hebben mensen van verschillende achtergrond die de kijk op het product veranderen.

**Now that you have thought hard about the inclusivity of the technology, what improvements would you like to make? List them below.**

no

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## Transparency

Are you transparent about how your technology works?

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

aan de hand van een video/stappenplan.

**If the technology makes an (algorithmic) decision, is it explained to the users/stakeholders how the decision was reached?**

er is geen data.

**Is it possible to file a complaint or ask questions/get answers about this technology?**

onze gegevens staan vermeld bij het stappenplan

**Is the technology (company) clear about possible negative consequences or shortcomings of the technology?**

het moet overal meegenomen worden door het ambulance personeel

**Now that you have thought hard about the transparency of this technology, what improvements would you like to make? List them below.**

no

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## Sustainability

Is your technology environmentally sustainable?

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

yes

**Do you think alternative materials could have been considered in the technology?**

no

**Do you think the lifespan of the technology is realistic?**

no

**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.**

no

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## Future

Did you consider future impact?

**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.**

Hans is gevallen met skieen. Nu heeft hij pijn want hij heeft twee gebroken benen en een gebroken rib. Nu kan hij niet zomaar in het vliegtuig. Daarom maakt hij gebruik van deze fantastische brancard zodat hij toch veilig naar huis kan.

**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.**

Hans is gevallen met skieen. Nu heeft hij pijn want hij heeft twee gebroken benen en al zn ribben gebroken en ook nog een nek hernia. Nu kan hij niet zomaar in het vliegtuig. Daarom maakt hij gebruik van deze fantastische brancard zodat hij toch veilig naar huis kan.

**Would you like to live in one of this scenario's? Why? Why not?**

nee kon wel eens zeer doen.

**What happens if the technology (which you have thought of as ethically well-considered) is bought or taken over by another party?**

nee niet over nagedacht.

**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.**

nee