

Electronische velgenpoetsmachine

In de huidige wasstraat komt de velg er het slechtste van af; in de regel blijft die het vuilst achter, omdat de wasstraat geen optie biedt om in de velg goed schoon te maken. Een velgenpoetsmachine moet (na een leercurve) in staat zijn om tot 400% beter schoon te kunnen maken.

Created by: BartJu
Created on: November 30, 2020 8:50 PM
Changed on: December 3, 2020 11:19 AM

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

Impact on society

What impact is expected from your technology?

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

Velgen worden in de wasstraat echt niet goed schoon gemaakt en worden alleen 'aan de voorkant' een beetje afgeschrobd. Een schone velg toont beter, voorkomt roest op den duur en verhoogt daarmee de restwaarde van (veelal duurdere) velgen.

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

In de wasstraat wordt als enige geautomatiseerd aandacht gegeven aan de velg. Verbetering van het schoonmaakproces zal de benoemde meerwaarde geven; immers men gaat naar die wasstraat om een 'schoonmaakbeleving' te krijgen. Hier moet het dus gebeuren.

How is this technology going to solve the problem?

100% procent

What negative effects do you expect from this technology?

Minder handmatig wassen door beroepswassers en meer gebruik van (afval-)water.

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

Minimaal - mensen zullen hier wel blijer van gaan worden, vooral autoliefhebbers.

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.

Effe geen idee....

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

Hateful and criminal actors

What can bad actors do with your technology?

This category is only partial filled.

In which way can the technology be used to break the law or avoid the consequences of breaking the law?

Deze technologie zal geen enkele inbreuk geven op de bestaande wetgeving indien het residu en afvalwater op de gebruikelijke wijze duurzaam wordt afgevoerd en daarnaast de geluidsoverlast beperkt blijft.

Can fakers, thieves or scammers abuse the technology?

This question has not been answered yet.

Can the technology be used against certain (ethnic) groups or (social) classes?

This question has not been answered yet.

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.

This question has not been answered yet.

How could bad actors use this technology to subvert or attack the truth?

This question has not been answered yet.

Now that you have thought hard about how bad actors can impact this technology, what improvements would you like to make? List them below.

This question has not been answered yet.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

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?

Vanuit AVG gezien wordt hier op geen enkele wijze data geregistreerd die herleidt kan worden naar een natuurlijk persoon (onder voorwaarde dat kenteken niet wordt vastgelegd en er geen video- of geluidsopnamen worden vastgelegd voor-tijdens-of-na de wasbeurt.

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

This question has not been answered yet.

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

This question has not been answered yet.

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.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

Human values

How does the technology affect your human values?

This category is only partial filled.

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

Geen enkele impact te verwachten.

How does the technology influence the users' autonomy?

This question has not been answered yet.

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

This question has not been answered yet.

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.

This question has not been answered yet.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

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

Eigenaar van de wasstraat

How is this stakeholder affected?

-

Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

Name of the stakeholder

Eigenaar van de auto

How is this stakeholder affected?

-

Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

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.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

Data

Is data in your technology properly used?

This category is only partial filled.

Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into account in the technology?

Ja en nee. Hier worden feitelijk twee vragen gesteld.....

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

This question has not been answered yet.

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

This question has not been answered yet.

In what way do you consider the fact that data is collected from the users?

This question has not been answered yet.

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

This question has not been answered yet.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

Inclusivity

Is your technology fair for everyone?

This category is only partial filled.

Will everyone have access to the technology?

This question has not been answered yet.

Does this technology have a built-in bias?

None

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

This question has not been answered yet.

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

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

This question has not been answered yet.

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.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

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?

Onsite and afterwards by means of website and socials.

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.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

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?

Huh???? Had ik eerst de course over deze term 100% moeten volgen?

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

This question has not been answered yet.

Do you think the lifespan of the technology is realistic?

This question has not been answered yet.

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.

Technology Impact Cycle Tool

Electronische velgenpoetsmachine

Future

Did you consider future impact?

This category is only partial filled.

What could possibly happen with this technology in the future?

Toespitsen op verticale markten om zo 3D-cleaning verder vorm te geven. Denk bijvoorbeeld aan kunstobjecten, openbare objecten, meubels (boenwas), fietsen en openbare verlichting?

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.

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 dystopian scenario.

This question has not been answered yet.

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

This question has not been answered yet.

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.

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.