

rekeningrijden

Created by: suzan
Created on: February 19, 2020 12:55 PM
Changed on: February 19, 2020 8:28 PM

Technology Impact Cycle Tool

rekeningrijden

Impact on society

What impact is expected from your technology?

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

To encounter the climate change, the member states of the European Union have decided to introduce road pricing, a vehicle has to pay a price per km at a certain place, date, and time

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

because this way people are more conscious about to when they go somewhere by car

How is this technology going to solve the problem?

With the road pricing your itinerary is measured and the driver has to pay a price per km at a certain place, date, and time.

What negative effects do you expect from this technology?

some people may not like that they have to pay extra for driving

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

With the road pricing some people may use the car less often, and because of this you have less CO2 emissions

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

Technology Impact Cycle Tool

rekeningrijden

Hateful and criminal actors

What can bad actors do with your technology?

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

Privacy

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

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

Human values

How does the technology affect your human values?

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

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

Belgian citizen with a car

How is this stakeholder affected?

the person must pay per car ride

Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

Name of the stakeholder

Interpol

How is this stakeholder affected?

interpol can track cars with the technology

Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

Name of the stakeholder

Belgian government

How is this stakeholder affected?

the government is in charge of the pricing

Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

Technology Impact Cycle Tool

rekeningrijden

Name of the stakeholder

foreign governments

How is this stakeholder affected?

because they have to work with the road pricing too

Did you consult the stakeholder?

No

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.

Technology Impact Cycle Tool

rekeningrijden

Data

Is data in your technology properly used?

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

Inclusivity

Is your technology fair for everyone?

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

Transparency

Are you transparent about how your technology works?

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

Sustainability

Is your technology environmentally sustainable?

This category has not been filled yet.

Technology Impact Cycle Tool

rekeningrijden

Future

Did you consider future impact?

This category has not been filled yet.