

**a collaboration of TU Delft's employees
and students and other individuals to
feel listened to in order to achieve a
more aware society that stands for an
action to mitigate in climate change**

improve the understanding of what we as a university want, then what the pros and cons of cutting or limiting collaboration with the fossil fuel industry are and, lastly, what the consequences of cutting ties would be

not making a decision or not following the advice that is constructed from this, is not a neutral act

every action taken or not taken is a political statement

represent your knowledgeable researchers & think of the future of your young students will you be able to look them straight in the eye after your decision?

the university is a frontrunner in society (and has always been). We should get out of our science bubble and preach more. Explain society why we think what we do. That way fossil industry will get less interesting/important instantly

the advice might be to make a difficult and political decision. Please remember that we support this decision and back you up if needed

**work on our academic independence
so we can say no to industry if needed**

→ help government to develop regulations

all actions by TU Delft should be in line with the Paris Agreement, and TU Delft reduces dependencies on organisations that do not follow this

- make a shared statement with other universities**
- invite Shell for an open debate**

- **assess TU Delft's current dependencies on fossil fuel industry**
- **cut out those dependencies**
- **to prevent greenwashing: end all collaborations with companies whose business includes the sale of FF**
- **if any collaborations are necessary, assess them with an ethics committee that includes diverse participants and representatives**
- **educate students toward careers outside fossil fuel industry**

- **come up with a sustainable vision toward fossil fuel industry**
- **promote Paris agreement and let everybody commit to it**
- **educate engineers with a good sustainable mindset**

the board could already issue a strong public statement that they will critically revise collaborations with fossil fuel industry

details to follow at the end of the process

**decouple education from
the fossil fuel industry**

the university should decide to what extent it has a societal responsibility to act as a moral compass

challenge: convince the fossil fuel industry to participate in more research projects for sustainable development

**set the example & inspire other
universities to do the same**

**clarity on policy and status without fear
of calling out actors which may challenge
the policy**

main challenge:

**to not shift responsibility elsewhere what
needs our attention: avoid being
manipulated by the fossil fuel industry**

**to not loose as a university and the
country**

Spreading knowledge about what needs to be done and what can be done.

The university can spread awareness to students, employees, industry, and policy makers

encourage to plant 10 trees per person!

problem is: lack of awareness

challenge is: binary thinking

- **be transparent about the euros spent on fossil research**
- **inform everybody on what academic freedom actually means**

- **airplanes flying on electricity**
- **more trains and electric cars**
- **public cars**

- **practice what you preach**
- **how to make the collaborations transparent**

TUD must focus on the education of engineers for the energy transition

climate science/adaptation collaboration with companies on THESE topics is essential

Please move away from feelings and choose the path of dialogue to identify relevant concerns to decide collectively instead of dictating decisions that may prove detrimental

- **make discussion very public**
- **take a strong stance against greenwashing and act accordingly**

ask ourselves if the executive board's links to the fossil fuel industry are a conflict of interest in making the decisions on the ties of TU Delft with Shell or Gasunie

What is the vision for research that the TU has? The climate is facing a global crisis. It is no one's 'responsibility' to solve, but in what way does TUD want to contribute to solve some of the issues that are large concerns for our future, and can we trust companies that caused this crisis?

**do not make emotional or fast decisions.
This needs careful discussions.
Think IPCC!
Can we put something like this together?**

NUANCES

I would say that cutting ties is a bit too extreme as you should think of "who" replaces them.

So maybe the next step would be to look for companies that can give the same to the university as these fossil fuel companies can give.

As a university, we need connections for our research, but also to get information on what to improve

**transparency about current collaborations
this supports decision making**

ownership over the solution

**be ready to make brave choices and
communicate clearly about them**

TU Delft should screen ongoing as well as future research to see if it has a positive impact on society

- **democratic and informed process to decide what the collaboration with the fossil fuel industry will look like at TU Delft**
- **options for research screening**

TUD should collaborate with fossil fuel industry. Because fossil fuel companies (big oils) have the most competence to push energy transformation.

e.g., oil company traditional knowhow → contribution for transformation (see table)

This is a complicated problem that requires a vision and maybe a common goal and incentive to realistically realise our ambition to lead innovation, rather than pointing at problems

make clear where we cooperate

be fully open!

**we need to be brave and look for
alternative ways to (financially) run
our university**

We need to drive the energy transition to limit temperature rise. This includes financial and knowledge transfer from fossil energy to alternative energy forms that do not increase CO2 levels in the atmosphere

simply ensuring that there are no conflicts of interest in the domains of research and properly defining what "collaboration" means. Inherently, the fossil fuel industry encompasses the petrochemical industry and knowledge in that field is critical and crucial to the transition ensuring collaboration such that the knowledge gained can do the most good for society is the responsibility of a knowledge institution, subsequently barring or blocking collaboration is not.

**elaborating for the public on what
aspects TUD strongly disagrees
(and cut ties) with fossil fuel
industry**

the unbalanced relationship between us and them needs attention: the fossil fuel companies have much more knowledge, expertise and human resources than TUD (at least in geosciences)

Challenge: not weighing enough in the table of discussion: we should team up with other universities

This is not a wish to keep collaborating. It is however to express the knowledge that one has to keep in mind in order to cut the ties properly. I am actually in favour of cutting ties. But cutting ties with no precaution or no backup plan will be detrimental to TUD. I realized that TUD benefits from the collaboration, so an alternative has to be set up, beforehand or simultaneously, in order to replace the lack that cutting ties will imply.

short term: openness about how the collaboration is happening now, including numbers

and clear guidelines from TU Delft on how TU Delft will collaborate with fossil fuel companies

be an example:

**academic freedom + support
energy transition**

together

**Pay attention to the opinion of students!!!
You are educating the future. Please know
that the majority of students is against
fossil fuel companies. Cut the ties. With
this, you can make a nice statement to the
public and create awareness.
We don't need them and see if the
departments that do need them can be
helped in another way, or cut the
departments from TU Delft**

what is the fossil fuel industry's standing on energy transition? what is the change?

The challenge is that the change needs to be redefined and defined; they will remain central

- **reveal existing regulations: allow public discussions about how we can improve these regulations.**
- **Urgently cut all unessential ways of collaborating. E.g. career events etc.**
- **Take a clear stand, as TU Delft and make it public. We are a public university and have our duties in front of society**

- **urgently create a code of conduct that sets clear guidelines concerning collaboration with the fossil fuel industry and has compliance with the Paris agreement as a criterion**
- **limit the platform of these companies at TUD (e.g. lunch lectures)**

the university by itself cannot be the solution. The fossil fuel companies have the knowledge and power and continue by themselves. The university though is part of the society and should set an example for the changes to come. No funds from fossil fuel companies

- **there needs to be a report quantifying the actual influence of the fossil fuel industry at TUD (research funding, talks, image, collaboration, projects, ..)**
 - **going forward, clear guidelines are needed for collaboration with whom, why, under what conditions**
- both open to everyone**

- disentangling the discourse to around the type → 'rights' to be in value of us vs resources and *[unintelligible]*
- 'needs' vs 'wants'
- moving beyond a *[unintelligible]*, model at looking at the debate
- release the resources and power that TUD has
- engage in generative critique and create *[unintelligible]* for the ways forward

support the transition

provide the knowledge for trust

**we are wasting valuable time politely dialoguing
about the greatest problem of our time**

**we are being blackmailed by criminal
corporations who control the world's energy
supply**

**we are waiting for a decision to be made by
people with conflicts of interest, unelected and
uncaring**

making sure that TU Delft, as a public institution works to improve society, including on an environmental level.

that may result in questioning and/or stopping certain partnerships with industry

**transparency about the extent and nature
of the collaboration with the fossil fuel
industry**

**confidence in that those decisions are
made for the right reasons**

**collaboration under strict
sustainable research goals**

TUD should only collaborate with the fossil fuel industry if the collaboration will have a measurable benefit for society

dare taking big action, even if the approach is unconventional or controversial: start with a clear "No" as a statement towards the most polluting companies

do not allow these big polluters to influence us any further

**collaborate, shape students into
transitional thinkers**

→ TU Delft structure needs transparency

**make sure that there is ongoing
deliberation about the relation with
industry (and government)**

**set generic rules on cooperation
(not topics or industries, but rules on
interdependence, publication, refraining
from influencing education etc)**

be open about all external cooperations

**facilitate more discussions
between colleagues and others
in the university/faculties**

**people should be motivated to get out of
their comfort zones and shift their
consumer demands**

**only then will fossil fuel companies
change**

**we need to set the agenda as TU
Delft when it comes to collaboration**

**we can be more mindful of the
societal impact our research has?**

- all collaborations with the fossil fuel industry need to be made transparent (how much money goes into what projects)
- we need to develop criteria to decide on collaborations on a project basis

→ there needs to be a committee that assesses critical projects and checks if they fulfil the criteria

**make sure that the decision-making
body includes members with all
viewpoints. So fossil fuel leads,
activists, researchers**

from the start

- **Engineer Energy Transition Committee at university level**
- **transparency around all research departments: open discussions round research direction**

**look into conditions that make sure
that the main benefit from the
collaboration is for the society.**

**be clear and transparent with society
about such conditions**

- **be transparent: about decision-making and about the TU's collaboration with fossil fuel companies (story to society)**
- **think of the TU's responsibility in the energy transition**
- **explore the grey area of collaboration what condition/demands can we ask of companies?**

transparency

**don't limit academic freedom
with symbolic gestures**

- **strengthen collaboration with fossil fuel industry on climate/sustainable topics**
- **initiate a permanent moral deliberation chamber accessible to anyone who requests it**
- **create a low-level benchmark to assess viability of collaborations**

→ NON-DEFINITIVE!

- **provide more time, space & money/emphasis to ethical discussions**
- **keep academic freedom**
- **try to create a more 'random' awarding system for research money**
 - **make Shell invest in research of TU Delft, maybe not yet specified to which project**

**collaboration is not black & white
we need a clear framework under which
conditions we collaborate with companies**

this should contain:

- adherence of the company to Paris agreement/SDGs**
- public, open support for (climate) science and distancing from disinformation**
- full transparency about scope of project and, in case we collaborate, defend why we do so**

- **establish agreed values**
- **set conditions for cooperation based on the agreed values**

dare to be selective (and say no) when working with industry (not only fossil one) when they are not adhering or willing to work towards a clearly defined framework for sustainability

transparency + shared responsibility is key.

