

The LIGHTer PhD network workshop on sustainability

Welcome to the LIGHTer PhD workshop focusing on sustainability!

The workshop addresses the highly current and complex topic *sustainability* and will give you insight to the scope and complexity of the subject. You will be able to familiarize yourself with the LIGHTer sustainability tool in relation to your own research work and discuss sustainability issues together with a sustainability expert, colleagues within LIGHTer PhD network and LIGHTer Academy. All with the purpose of identifying “hands on” sustainability activities in your research.

The workshop will be held online, *the 20th of May 2021 at 10.00 to 12.00.*

The event includes an inspirational industry seminar on sustainability by Volvo Cars, guidance by sustainability experts from RISE and the possibility to discuss the topic with other researchers in different research fields.

Prior to the event you will be introduced to the LIGHTer sustainability tool used to declare research and development proposals and projects. You will also briefly work through your own research project in relation to sustainability using this tool, as a preparatory task. It will help you identifying in which way your research work contributes to sustainability, both in a positive and negative way, and helps preparing you to get the most out of the workshop.

Today, new research proposals and projects must be formulated and developed with sustainability as base. This means that sustainability aspects from the core research idea to specific sustainability activities need to be identified, presented, and conducted. This workshop will give you new insights and prepare you for conducting even more sustainable research work.

Both the members of LIGHTer PhD network, Alumni and LIGHTer Academy is invited to the workshop.



Figure 1. Workshop on sustainability in relation to lightweight research.

Agenda for the LIGHTer PhD network workshop on sustainability

20th of May

10.00 - 10.10 **Introduction to the workshop** by Dan Zenkert, KTH and Pär Jonsén, LTU

10.10 - 10.40 **Industry seminar, Volvo Cars Corporation**

Sustainability activities within the industry, by Linnea Petersson

10.40 - 10.45 **Short break**

10.45 – 10.55 **Introduction to the group activity**

What is sustainability? by Magdalena Juntikka, RISE

10.55 - 11.30 **Group activity**

11.30 - 11.55 **Workshop Discussion**

11.55 - 12.00 **Summary of the day**

Workshop Group activity

The following three topics or questions will be in focus and discussed in groups with participants working in similar research fields.

- 1) Share one or two sustainability aspects in your own research based on the LIGHTer sustainability tool!
- 2) What “hands on” sustainability activities could be possible in your project?
- 3) Can you identify any risks of negative impact on the sustainability in your Research field?

Preparatory Teams-meeting

A preparatory meeting is organized on the 17th of May at 10.00- 10.30 introducing the LIGHTer sustainability tool and giving instructions to the preparatory task. The meeting also provides with the possibility to ask questions. Visit the LIGHTer webpage to view the movie about the LIGHTer sustainability tool: <https://lighter.nu/sv/meny/press/filmer>

Registration

Register to the workshop the latest on Friday 14th of May by sending a mail to: eva-lis.odenberger@ri.se