



Jesko Schulte



Telephone: +46 455 385 519

Mobile: +46 734 223 597

E-Mail: jesko.schulte@bth.se

SUMMARY

Jesko Schulte is a PhD student at the Department of Strategic Sustainable Development at Blekinge Institute of Technology, Karlskrona, Sweden. He has a M.Sc. degree in environmental science from Linnaeus University, Kalmar, Sweden, with focus on environmental risk analysis and life-cycle assessment of transportation systems. Since 2015, he has been researching in close collaboration with industry, on how a strategic sustainability perspective can be integrated into risk management processes and related support tools at product development and manufacturing companies.

WORK EXPERIENCE

- 2016 – present PhD Student
Blekinge Institute of Technology
Department of Strategic Sustainable Development
- 2015 – 2016 Project Assistant
Blekinge Institute of Technology
Department of Strategic Sustainable Development
- 2010 – 2013 Freelancing Writer
"Westfälische Rundschau", Zeitungsverlag Westfalen
GmbH & Co, Germany

EDUCATION

- 2016 - present Admission to Third-Cycle Studies
Blekinge Institute of Technology, Sweden
- 2013 – 2015 M.Sc. in Environmental Science
Linnaeus University, Sweden
- 2011 – 2014 B.Sc. in Environmental Science
Linnaeus University, Sweden

OTHER ENGAGEMENTS AND MEMBERSHIPS

- 2016 – present "Risk Management Processes and Methods in Design"
Special Interest Group within the Design Society
- 2016 - present "Sustainable Design" Special Interest Group within the
Design Society

AREAS OF EXPERTISE

Risk Management

Sustainable Product
Development

Life-Cycle Assessment

AWARDS

2017: Two Reviewers' Favourite Awards at the International Conference on Engineering Design

2015: Scholarship: Sparbanksstiftelsen Kronan

2015: Scholarship: Ramböll Environmental

LANGUAGES

Swedish

German

English

ADDITIONAL EDUCATION

University courses
Globalization
Poverty research
Philosophy and ethics
Political science
Turism science
Behavioral economics

PROJECTS

- 2015 – present Strategic, Tactical, and Operational Implementation of Sustainability into the Innovation Process (STOSIP) (<https://www.bth.se/eng/stosip/>)
The project's main purpose is to support product development and manufacturing companies in integrating and implementing a strategic sustainability perspective in the product innovation process. Within the project, Jesko is responsible for the research track on sustainability integration in risk management and related support tools. He is balancing qualitative and quantitative research, e.g. literature review, interviews, questionnaires, case studies, etc. This work builds on a close collaboration with industrial partners to maximize company- and societal benefit.
- 2014 – 2015 Greencharge Sydost
This cooperative project between university, companies, municipalities, and other public actors had the purpose to catalyze a transition of the Swedish transportation sector towards sustainability. Jesko specialized on analyzing the role that Electric Road Systems (ERS) can play in such a transition and contributed to the development of a roadmap for a fast transition towards sustainable passenger transport.

PUBLICATIONS

- Schulte, J and Hallstedt, S.I. 2017. *Challenges for Integrating Sustainability in Risk Management - Current State of Research*. In: Proceedings of the 21st International Conference on Engineering Design (ICED17), Vol. 2: Design Processes | Design Organization and Management, Vancouver, Canada, 21.-25.08.2017.
- Schulte, J and Hallstedt, S.I. 2017. *Challenges and Preconditions to Build Capabilities for Sustainable Product Design*. In: Proceedings of the 21st International Conference on Engineering Design (ICED17), Vol. 1: Resource-Sensitive Design | Design Research Applications and Case Studies, Vancouver, Canada, 21.-25.08.2017.
- Schulte, J and Hallstedt, S.I. 2017. *State of the Art Risk Management from a Strategic Sustainability Perspective*. Research Report. Department of Strategic Sustainable Development, Blekinge Institute of Technology.
- Ny H, Borén S, Nurhadi L, Robèrt KH, Broman G, Schulte J. 2017. *Vägval 2030 – Snabbomställning till hållbara persontransporter*. Research Report 2017:01. Blekinge Institute of Technology.
- Schulte, J, Hallstedt, S.I, Zetterlund, H. 2016. *Assessment of Strategic Sustainability Maturity*. Research Report. Department of Strategic Sustainable Development, Blekinge Institute of Technology.
- Schulte, J, Hallstedt, S.I. 2016. *Key Stakeholders from a Sustainability Perspective*. Research Report. Department of Strategic Sustainable Development, Blekinge Institute of Technology.
- Schulte, J and Hallstedt, S.I. 2015. *Integration of Sustainability Related Risk-Value Aspects in the Product Innovation Process: A Literature Review*. Research Report. Department of Strategic Sustainable Development, Blekinge Institute of Technology.
- Schulte, J. 2015. *Smart steps towards sustainable transportation? Electric roads and fast charging infrastructure from a strategic sustainability perspective*. Master thesis. Linnaeus University
- Schulte, J. 2014. *Can the exposure of As, Cd, and Pb due to the consumption of wild berries or mushrooms in the Kingdom of Crystal pose a health risk?* Bachelor thesis. Linnaeus University.