



BLEKINGE
INSTITUTE OF
TECHNOLOGY

RESEARCH

SUSTAINABLE PRODUCT DEVELOPMENT

Blekinge Institute of Technology, BTH, Sweden

WHAT IS SPD AT BTH?

Sustainable Product Development (SPD) is a research area at BTH with the objective to support companies to integrate and implement sustainability into their product innovation processes from a strategic and tactical to an operational level.

THESE ARE SOME OF OUR FOCUS AREAS AND SELECTED CHALLENGES:

How a long-term sustainability perspective can be included in the risk management process.

How to define a sustainability product portfolio.

How social sustainability targets can be identified and implemented together with ecological sustainability targets.

SUSTAINABLE PRODUCT DEVELOPMENT

How to measure a progression towards sustainability targets.

How to support communication of sustainability information to customers to encourage sustainable consumption and product development?

How to guide decision-making in requirements management from a sustainability and value perspective.

IMPACTS

The impacts will be increased capabilities at companies to take actions and measure the sustainability implementation level. The research will give answers to how to speed up the development for sustainability profiled solutions and increase the capabilities for companies to create more sustainable solutions in combinations of other values or risks.

EXAMPLE OF WORK WITHIN THE AREA OF SUSTAINABLE PRODUCT DEVELOPMENT



How to integrate sustainability criteria into design requirements

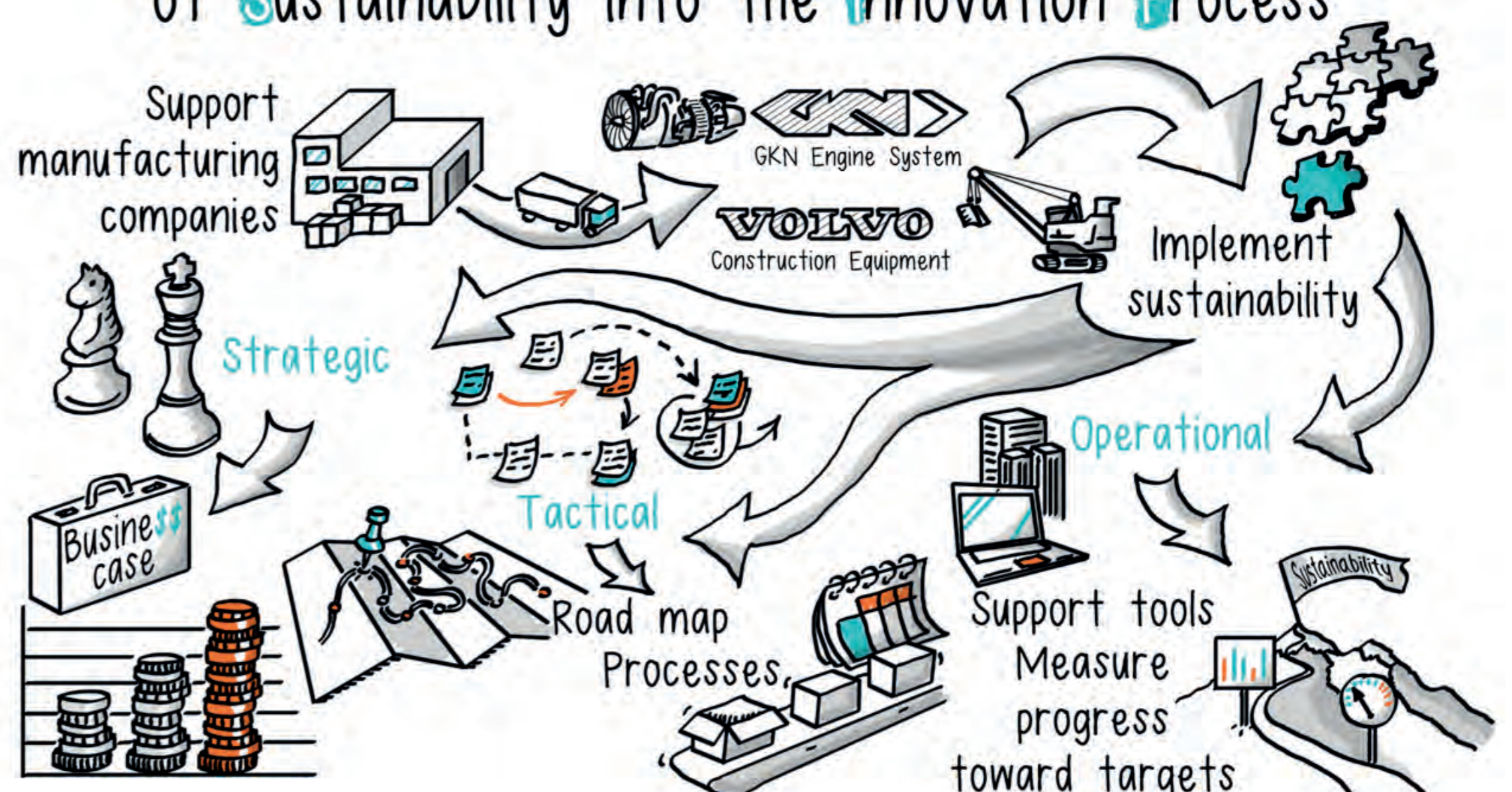


How to down-select technologies and materials from a sustainability and value perspective



How sustainability perspective can be included in the risk management process

Strategic, Tactical and Operational implementation of Sustainability into the Innovation Process



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