

LOCAL ACTION PLAN HERNINGSHOLM



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INTRODUCTION

As a subpartner in the SUSTAIN3D project, Herningsholm Vocational School contributes with a particular focus on education and competence development within additive manufacturing (AM), emphasizing STEM fields. Herningsholm serves as a supporting partner, contributing to the project's objectives through educational activities and data management.

The project builds on insights from the COM3 and SUSTAIN3D programs and aims to identify barriers and solutions to help small and medium-sized enterprises (SMEs) implement advanced AM technology in their production processes.

GOALS

Herningsholm's role and goals within the project align with the overall objectives of SUSTAIN3D, which are to:

- Create demand: Encourage more SMEs to invest in the right AM technology.
- Create impact: Ensure expensive, production-grade AM machines are better utilized.
- Support smart investments^{**}: Help SMEs invest in appropriate and effective equipment.

ACTIVITIES AND ROLE

Herningsholm Vocational School contributes to the project through the following activities:

- TECH Days: Herningsholm will host an annual TECH Day, where the AM Learning Lab opens its doors to businesses and students. These events allow participants to experience and interact with advanced AM technologies, attend inspiring presentations, and network with other stakeholders in the field. TECH Days also serve as a platform for knowledge sharing and sparring between companies.
- Stakeholder Meeting: TECH Day will also function as a large stakeholder meeting, where businesses and educational institutions can discuss needs and opportunities regarding AM technology. This event will be conducted as a pilot activity but will not be further documented within the project's official framework.

FOCUS AREAS

Herningsholm's contribution to the SUSTAIN3D project is organized around the following focus areas:

1. Competence Building (Skills):

Herningsholm focuses on developing and promoting skills in areas such as design, material selection, and the application of AM technology. This includes specific competencies like CAD and interdisciplinary skills that combine knowledge from various fields to foster innovation.

2. Knowledge Sharing (Services):



CFI Additive Manufacturing Network- Denmark

Through activities like TECH Days and other networking events, Herningsholm helps disseminate knowledge about the potential of AM technology to both students and businesses.

3. Infrastructure (Technology Access):

Herningsholm ensures access to modern AM equipment and laboratory facilities, enabling both students and companies to experiment and develop their skills in a practical environment.

4. Data Management (Data Handling and Analysis):

Herningsholm is responsible for collecting, processing, and analyzing the data generated throughout the project. This includes ensuring that data is managed in a structured and valuable way, providing insights that can help optimize the use of AM technology. Herningsholm's role in data management is to support the creation of valuable conclusions that align with the project's goals, benefiting both businesses and educational institutions.

COLLABORATION WITH CFI

As a subpartner, Herningsholm works closely with the Center for Industry (CFI), which leads the project in Denmark. Herningsholm contributes its expertise in education, data management, and practical applications of AM technology to the collaboration. This partnership strengthens the project's goal of creating long-term impact through competence development and knowledge sharing.

The close collaboration between CFI and Herningsholm means that Herningsholm's activity plan is based on the same local action plan as CFI. Therefore, you can find Herningsholm's activity plan under CFI's local action plan.

CONCLUSION

Herningsholm Vocational School plays a key role as an educational partner in the SUSTAIN3D project by advancing the understanding and application of AM technology through a focus on education, data management, and TECH Days. Herningsholm provides concrete activities that empower both students and businesses to adopt AM technology as part of their future production methods.



APPENDIX 1

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Skill: Network (+30), Metal Cluster (7), Lend-a-printer, vocational schools, university of applied sciences

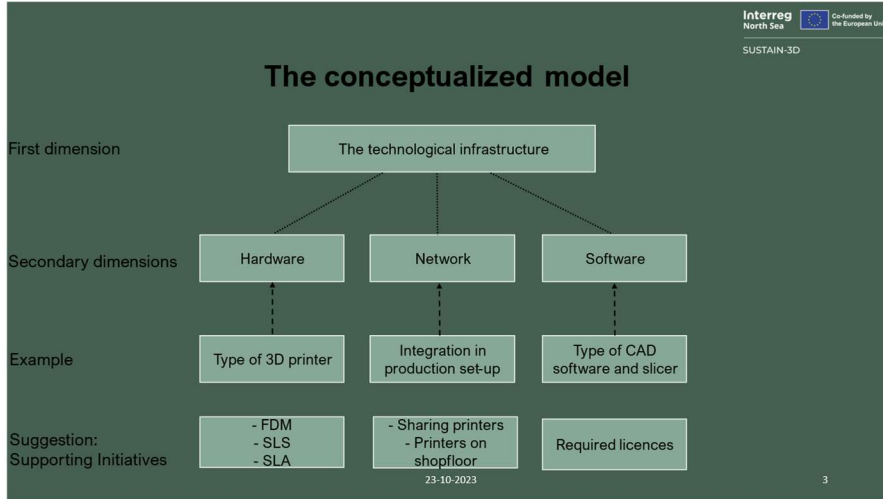
Service: Network/cluster, Consultancies, implementation, one-to-one design and development, company reach

Infrastructure: Printcenters, using exiting capacity between companies and organizations, New capacity, intl. Collaboration

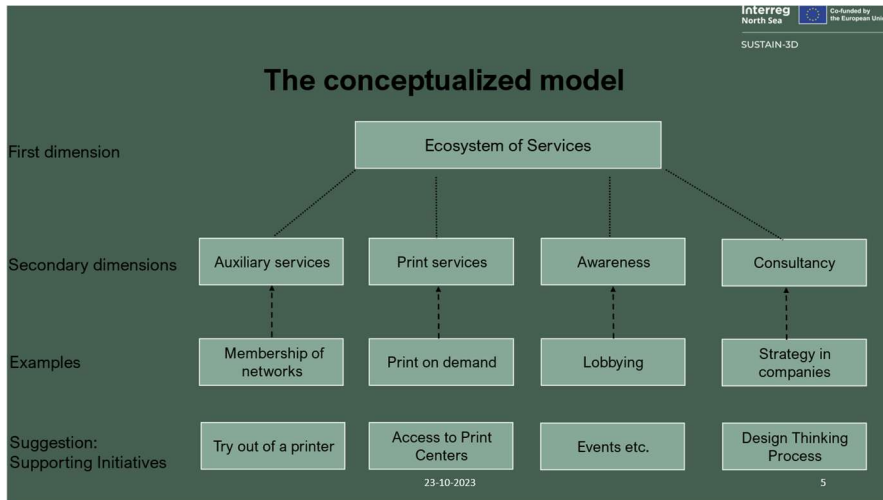
SCOPE OF THE PROPOSED PROJECT: BUILDING ON COM³ METHODOLOGY

APPENDIX 2

Technical Infrastructure



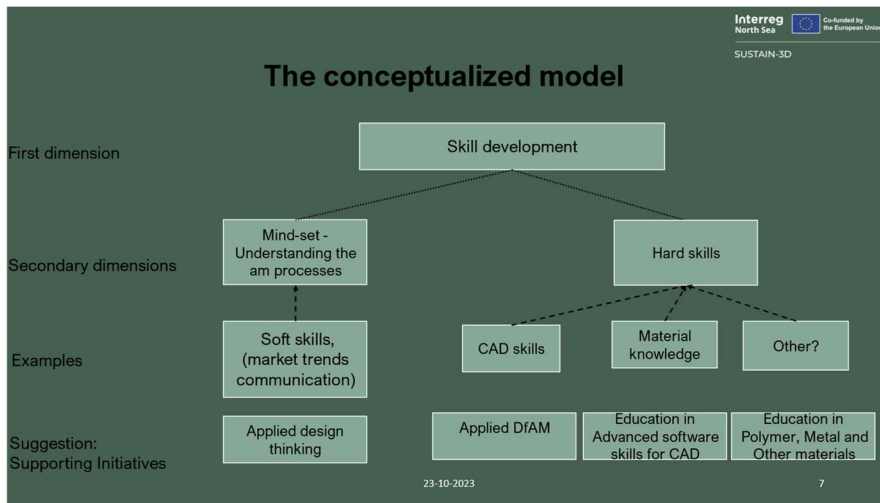
Services



Skills



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APPENDIX 3 CORA.COM3 SUSTAIN3D MODEL

