



## Web seminar on metal additive remanufacturing and circular economy

EU ERDF Interreg V A Nord project CINEMA

Thursday, **2021-12-16**  
12.30-15.15 h (SE, NO-time)  
13.30-16.15 h (FIN-time)

Teams Link: [Click here to join the meeting](#)



### Agenda

*SE-time FIN-time Presentation, including time for discussion*

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12.30	13.30	Opening and presentation of the CINEMA project Markku Hartikainen, Centria
12.45	13.45	Directed energy deposition in eco-design and remanufacturing – the results of the CINEMA project, Jari Tuominen, TU
13.15	14.15	Laser cladding project results, and circular economy research at LTU Alexander Kaplan & Himani Naestroem, LTU
13.45	14.45	<i>Break</i>
13.50	14.50	Laser cladding in industrial applications Joachim Andersson, Duroc Laser Coating AB
14.20	15.20	Solutions for repair and restoration in remanufacturing – lessons from the Cinema project cases Markku Hartikainen & Vadym Yemelianov, Centria
14.50	15.50	Final discussion
15.15	16.15	<i>End</i>

### ***Project CINEMA – Towards circular economy via eco-design and sustainable remanufacturing***

The project CINEMA “Towards circular economy via eco-design and sustainable remanufacturing” focuses on the remanufacturing and refurbishing of the components and equipment of metal, process and mining industry. Remanufacturing is an essential concept in circular economy, which aims to minimize waste and energy use, and to keep the products, components and materials at their highest utility and value at all times.

The partners at the project are Centria University of Applied Sciences, Tampere University (TU), and Luleå University of Technology (LTU), as well as several company partners at the industry.

The project CINEMA is funded by the EU-program Interreg V A Nord that is a EU-program supporting cross-border cooperation in order to strengthen the economic and social development. Areas included in the program are north Norway, north Finland, north Sweden and Sápmi.

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