

NORCAR-BSB EESTI AS

**EU48685 Smart manufacturing and material technologies competence centre**

## **Applied research: Smart reconfigurable manufacturing model (sub-project PR2.1)**

**Period of the sub-project:** 01.09.15.-31.12.17.

**Amount of support:** 19272 EUR

### **Description of the sub-project**

The core of the sub-project is the creation of a smart reconfigurable manufacturing model that enables the competence center to deliver services and solutions, create a portfolio of services for companies and develop web-based software that helps analyse the feasibility of deploying new robot-based systems.

### **The objective and result of the sub-project**

**The main objective** of the sub-project is to develop the new smart reconfigurable manufacturing model with the robot-based solutions implementation platform for SMEs and network of actors (solution users, solutions providers, teaching institutions) that gives fast and cost-effective support for various issues occurring during the planning and usage phase, possibility to remote monitoring and analysis of the robotised production facilities for optimizing work, for preventive actions, as well as possibility to ensure cooperation with various institutions for achieving the reconfigurable, adaptive manufacturing. The sub-project results in a smart reconfigurable manufacturing model for network manufacturing with deployment methodology and a web-based integrated solution that helps to analyse the feasibility of deploying new robot-based systems.

**Supporting fund:** EU Regional Development Fund

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