

fimecc

FIMECC STARTS WITH THREE RESEARCH PROGRAMS

Over 100M€ PPP investment in metals and engineering industry renewal

FIMECC Ltd has launched the first three research programs in its history. Finnish Funding Agency for Innovations and Technology (Tekes) supports the programs with ca. 50 per cent funding. The programs are: Innovations and Network, Light and efficient solutions, and Energy and life-cycle efficient metal processes. The total volume of these programs is little over 100M€ between 2009-2013 employment impact being almost 1000 person years.

FIMECC Ltd. is Finnish Metals and Engineering Competence Cluster (strategic centre for science, technology and innovations).

Innovations and Network program is directed to create novel solutions to decentralized innovation activities in project-based business. The basic problem in project business is to find platform solutions to projects that are traditionally felt unique. Project networks also consist of many companies representing different management cultures. Innovations and Network program aims to build competence to create customized products with the efficiency of serial production. The primary pilot business in the program is maritime industry.

Light and efficient solutions program aims to significantly reduce the energy need and carbon emissions of industrial products. New material solutions in order to reduce the weight of structures and new ways to measure carbon footprint and life-cycle impact of solutions are the scope of the program. Customer and user perspectives will be strongly connected to the technology development.

Energy and life-cycle efficient metal processes program is aimed to radically reduce the energy intensity of metal processes. Knowledge and competencies related to metallurgical processes like measurement, modeling, simulation, and control will be the basis of new solutions. The program includes high risk work packages like "Zero waste plant", which aims to design full recyclability.

FIMECC Ltd. is owned by major Finland-based metals and engineering companies (e.g. Metso, KONE, ABB) and Finnish research institutes. FIMECC Ltd. is open innovation company, whose ownership and program participation is open to all players in the development of metals and engineering sector. **FIMECC Ltd. is actively searching for partners all over the world to co-create new knowledge.**

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