



An efficient and environmentally friendly way of manufacturing gears

Czech and Russian partners co-operate to create a highly efficient, flexible and environmentally friendly alternative to current gear production processes.

The production of industrial gears is expensive in terms of labour, materials and time, and involves the manufacture of machine tools, the cutting and shaping of a blank and heat and thermo-chemical treatments.

The EUREKA project E! 2339 EUROENVIRON GRINDING (Czech Republic and Russia) has developed an alternative, highly efficient, flexible and environmentally friendly manufacturing technology for the production of gears that can cut production times from months to just days.,The new technology can be used to produce all kinds of gears and joints, including those used in turbine and jet engine blades.

Countries

Czechia, Russia

Contributor

Contributed by

EUREKA

Rue Neerveld 107

1200 Brussels

Belgium 

[Website](#)

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