

# Material Removal Mechanisms in Grinding of Innovative Materials

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## Agenda

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- 1 Introduction and Motivation
- 2 Ductile and Brittle Material Removal Behavior
- 3 Material Removal Mechanisms in Grinding of Innovative Materials
- 4 Grinding in the Context of Industrie 4.0

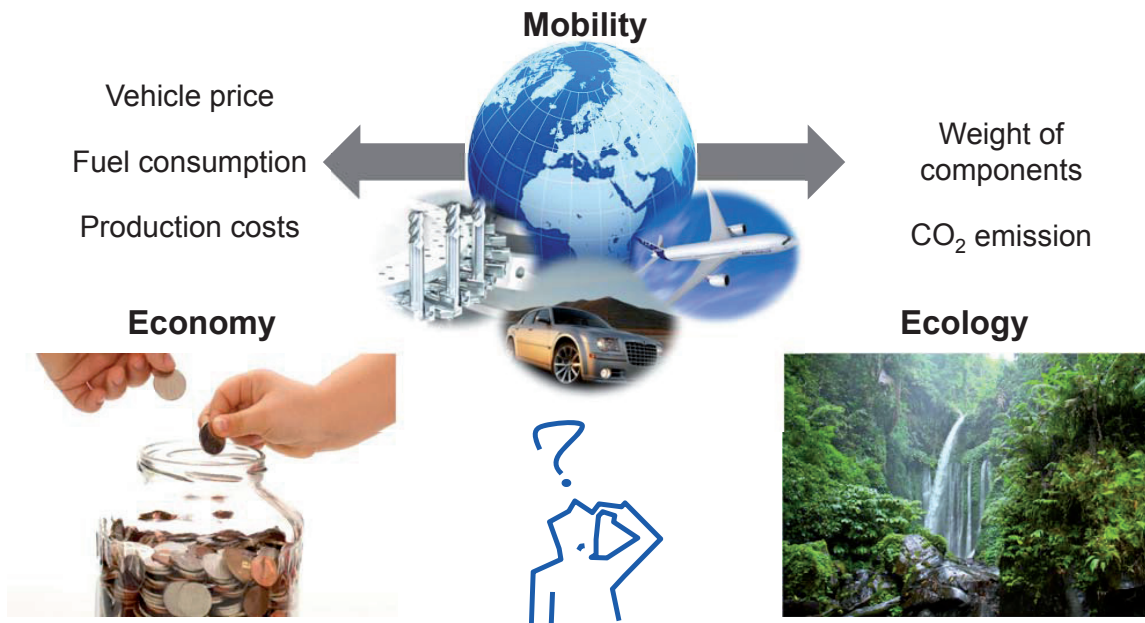
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## Challenges



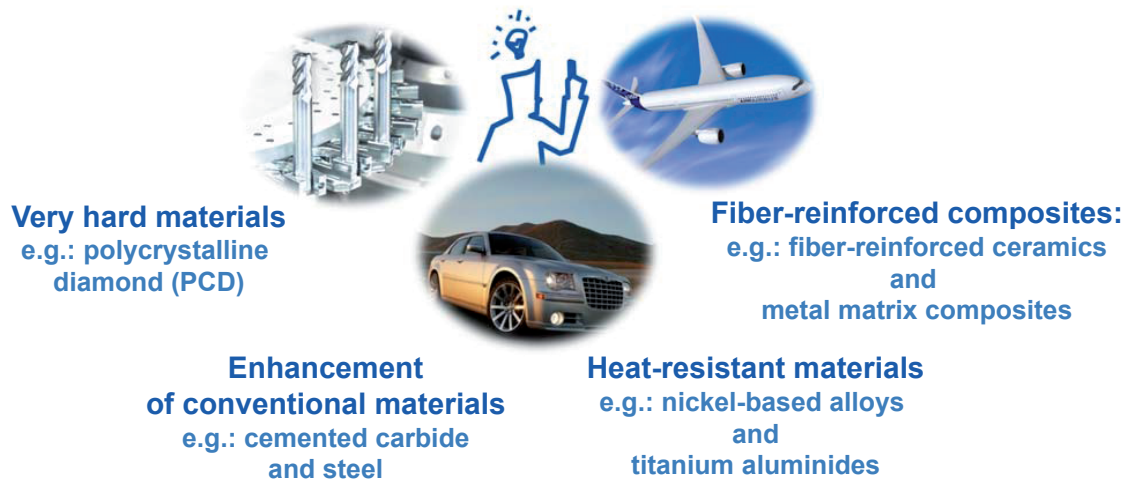
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## Overcoming Economic and Ecological Challenges through Material Innovations



How should these materials be machined?

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