

## R&D Profile Form

<b>Name of the Organisation</b>	Faculty of Mechanical Engineering Kraljevo
<b>Organisation Short Name</b>	MFK
<b>Organisation Type</b>	Faculty
<b>Country</b>	Serbia
<b>Fields of Activity</b>	Railway Engineering
<b>Skills and Expertise Offered</b>	Center for railway vehicles are developing methods of design, calculation and testing of railway vehicles. In the previous period have been developed methods of static tests of wagons, torsion stiffness testing, dynamic testing wagon to crash, testing brakes of railway vehicles. Further, Center is involved in design and production of transducers for different purposes of testing, acquisition and processing of measuring results. FMEK makes own application software for calculation and testing of railway vehicles.
<b>Keywords</b>	dynamics of railway vehicle, freight wagon stiffness testing, measuring weelsets
<b>Previous FP Projects Participated</b>	FP6: RRTC, FP7 project: SeRViCe, TransBonus
<b>Research topic(s) of interes</b>	Networking with Railway Institutes and manufacturer of Railway Vehicle, cooperation with other railway Institutions, testing of freight wagon
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