

**SEE- Award (name "Herman Potočnik – Noordung Award" proposed by MHEST) for
 Research Infrastructure Donations within the Framework of RTDI Collaboration
 with West Balkan Countries**

**Research Infrastructure needs
 - Application form for Scientific & Research Institutions from West Balkan Countries**

Section A – General information
A.1 Contact details
Name of applicant/(institution) Department for IC Engines and Vehicles – Faculty of Mechanical Engineering – University of Sarajevo
Legal status / Type of organisation: Higher education – Member of University of Sarajevo
Address (Street name, ZIP code, town): Vilsonovo setaliste 9, 71000 Sarajevo, Bosnia and Herzegovina
Telephone no.: + 387 33 653 208
Fax no.: + 387 33 650 841
e-mail: filipovic@mef.ba
web address/url: www.mef.unsa.ba/miv
represented by (name of person legally responsible) Prof. Dr. Ivan Filipović, Head of Department for IC Engines and Vehicles
Name of the contact person Prof. Dr. Ivan Filipović, Head of Department for IC Engines and Vehicles
Address (if different from address stated above)
Telephone no.:
Fax no.:
e-mail:
web address/url:
A.2 Applicant (Institution) profile (half page A4)
Department for IC Engines and Vehicles at Mechanical Engineering Faculty, University of Sarajevo, has been existing since 1967. The Department's main objective is researching in field of IC Engines and Vehicles and represents unique institution of this profile in Bosnia and Herzegovina. During last 40 years, besides students education in order to obtained diploma, Master thesis and Doctorial thesis, the Department participated in great number of researching projects like:
<ul style="list-style-type: none"> a) investigation of vehicle dynamic characteristics regarding use of different fuels as well as alternative fuels; b) testing of vehicles for different purposes; c) certification and homologation of vehicles, d) etc.

<p>Section B – Description of the research infrastructure requirements/needs</p> <p>B.1 Please list your research infrastructure requirements – the most urgent equipment you would need.</p> <ul style="list-style-type: none"> - CORRSYS DATRON CORREVIT S350 - Non-Contact optical system for slip free measurement of longitudinal and transversal vehicle dynamics. - CORRSYS DATRON CORREVIT HF 250 C - Non-Contact Distance measurement. - Accessories (cables, etc) - Software for data acquisition. <p>More information on: www.corrsys-daytron.com</p> <p>B.2 Describe the relevance of the requested research infrastructure for the work of your institution and the potential impact of receiving the items listed above (B.1). Having the equipment, following activities could be possible:</p> <ul style="list-style-type: none"> - Active work of students during education, especially on improvement of experimental work, - Participation on EU scientific projects through research work of staff and researchers, - Certification and homologation of vehicles due to different changes on vehicle, especially in case of IC engine replacement, alternative fuels use, etc. <p>B.3 Please indicate the potential users of the requested equipment. Potential users are the following:</p> <ul style="list-style-type: none"> - Students, - Educational staff and researchers, - Transport firm - Firm from public transport of people in urban areas, - Sub department for vehicle certification and homologation <p>B.4 Please describe the training needs of your institution related to the requested equipment In order to accept all the possibilities of measurement different vehicle dynamic characteristics, besides one day probe training, there are no additional needs for training. Duration of this training should be arranged with manufacturer of testing devices.</p> <p>B.5 Please indicate if there is assistance needed with regard to the transportation and maintenance related to the requested equipment There are no assistances regarding transport and maintenance related to the requested equipment.</p> <p>B.6 Additional Comments</p>

Please fill in and return the form by email to the contact person in your country (see appendix 1)

Place, date: Sarajevo, November 14, 2007



Signature and Stamp of applicant

Prof. Dr. Ejub Džaferović
Dean of the Mechanical Engineering Faculty