

Newsletter no. 1 from DAMRC

This DAMRC newsletter is expected to be published once a month. The newsletter can be distributed to all, who might find it interesting, but is only allowed to be replicated by appointment with chairman Ole Mørk Lauridsen oml@terma.com or Project Manager Klaus Bonde Ørskov kbo@eu-center.dk

In this DAMRC newsletter you can for instance read about the creation of DAMRC, and about some of the future DAMRC projects.

DAMRC – The story

In early summer 2009 the metal working company Multicut based in Vibbjerg – Denmark contacted the Business Development Centre Herning & Ikast-Brande with an idea.

The idea was based on developing a research and development centre focusing on advanced manufacturing and new materials. The idea sprung from a visit to a similar centre in Sheffield - UK (AMRC), and the fact that the American space & aerospace company Boeing expressed a desire to contribute to the establishment of this centre.

On September 1st 2009 the above mentioned process lead to the signing of a Memorandum of Understanding (MoU). Signing the MoU was the Boeing Company and 10 Danish companies and institutions. By signing the MoU the parties was obligated to, during the following 90 days in collaboration with the Boeing Company and the University of Sheffield's AMRC, investigate the possibilities of the establishment of a Danish Advanced Manufacturing and Research Centre. (Later called the DAMRC)

The 10 Danish founding partners of DAMRC are:



The 90 days have now passed and the group of founding partners has now made the vision come through and created the new centre. The centre was given the name DAMRC, the abbreviation of “Danish Advanced Manufacturing and Research Centre”. The centre is established from the basic idea stated below:

IDEA: DAMRC – a research and development centre for advanced manufacturing technologies and materials that develop and transform the latest knowledge into practical solutions in close collaboration with the universities for the benefit of Danish industrial companies' global competitiveness.

The first industrial project provides competitive edge

DAMRC is in the end of March 2010 starting the first project with an industrial focus. The purpose of the project is to optimize metal cutting processes at the different members of DAMRC. The target is a reduction in processing time at a minimum of 30 % on selected elements. While participants will gain a tangible optimization on one or two specific elements, the participants will furthermore build up knowledge on how to reach similar results on other elements and production processes.

Besides DAMRC the project group consists of 6 Danish companies, The University of Sheffield and the Boeing Company.

Future projects

DAMRC is continuously working on the development of new projects in collaboration with the industry. At present times there are 10 drafts for projects, and all of them are connected to one or more of the 5 industrial companies amongst the DAMRC Founding Partners

The projects focus on one or more of the areas mentioned below:

- Advanced manufacturing
- Advanced materials
- Measuring, certification and testing

Examples of project titles are:

- Robot production of complex composite structures
- Development of the capabilities to conduct vibration analysis during drilling
- Optimization of edge stages in processed composites
- Development of standardized modular fixtures for metal processing machinery

In the case of further interest, please contact Project Manager Klaus Bonde Ørskov at kbo@eu-center.dk or (+45) 3051 6085 for further information.

DAMRC is continuously looking for new project ideas and project participants, so if you are working within the field of one or more of the above mentioned areas and have interest in a collaboration please feel free to contact the Project Manager

Expanding the number of members

DAMRC has until now been closed to new members due to the focus being on the establishment of the centre and taking care of the needs of the founding members.

DAMRC has now created the infrastructure necessary to let in new members. The plan is to expand the number of members starting around the 1st of May 2010. At the moment DAMRC are ready to engage in a dialogue with potential partners, who might have an interest in joining the centre. If you want to engage in a dialogue concerning the possibilities of membership please feel free to contact DAMRC Chairman Ole Mørk Lauridsen on (+45) 2264 1137 or Project Manager Klaus Bonde Ørskov on (+45) 3051 6085

Newsletter no. 2

Newsletter no. 2 is expected due in the middle of April 2010. The theme is expected to be DAMRC projects, potential partners expected to join DAMRC and the progress of daily operation at DAMRC.

If this newsletter is forwarded to you from a colleague and you in the future wish to be updated on DAMRC, please mail kbo@eu-center.dk with the text "subscribe to DAMRC newsletter". If you are receiving the newsletter by mistake, please mail kbo@eu-center.dk with the text "cancel DAMRC newsletter".

Kind regards

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Chairman
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