



مؤسسة الكويت للتقدم العلمي
Kuwait Foundation for the Advancement of Sciences

Enterprise Support Success Story Form

Please return the completed form to:

Innovation & Enterprise Directorate
Kuwait Foundation for the Advancement of Sciences

E-mail: enterprisesupport@kfas.org.kw

(Subject: Co-Funding Support for In-House R&D Application)

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المركز العلمي
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معهد دسمان للسكري
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شركة الخليج للكابلات والصناعات الكهربائية ف.م.ك.
Gulf Cable & Electrical Industries Co., k.s.c.

Gulf Cable & Electrical Industries Co. K.S.C.P., Kuwait

Evaluation of recycling opportunities of wastes from cable production

(Click above to insert logo)

Please use the questions below as a guide in composing your success story:

BRIEF DESCRIPTION OF THE COMPANY

Gulf cable Company K.S.C.P established at 1975 to manufacture all the kinds of cables for the GCC market/regions. Our scope of manufacturing are all the MV cable up & included 33KV , Low voltage cable 600/1000V, indoor /domestic insulation wires for housing applications , flexible cable for appliance application, control cable ,indoors telephone cable , overhead transmission conductor , cable joint for low voltage cable and copper rod

HOW DID YOU FIND OUT ABOUT KFAS, AND THE ENTERPRISE SUPPORT PROGRAM?

This introduced by communication between Gulf Cable management and meeting with KFAS representatives

WHAT WAS THE PROBLEM YOU WERE TRYING TO SOLVE?

We are thinking of proper method to handling / disposal scarps which generated during cable manufacture like (crosslinking PE, tapes/low smoke zero halogen compound /.....)

RESEARCH INSTITUTION

Fraunhofer Institute for Process Engineering and Packaging

PROJECT DESCRIPTION

The project is to find the proper method to disposal/handling the un-usable wastage materials (scarp) generated during cable manufacturing and to find the possibility to re-cycle these scraps.

HOW DID KFAS HELP WITH YOUR PROJECT?

KFAS has introduced us to a liaison that identified the specialized research institute to the project and co-founded the project.

TO WHAT EXTENT DID KFAS ADD ADDITIONAL VALUE TO YOUR PROJECT?

KFAS organized and made things easy and introduced Set Technology who are specialist in handling such technology /materials which is very good help and shortening the project time domain

WHAT WAS THE STI RELATED SOLUTION NEEDED FOR YOUR PROJECT? FOR EXAMPLE, IT ADDRESSED ONE OR MORE OF THE FOLLOWING ITEMS:

- Testing of new, advanced technology material
- Environmental solutions
- Less consumption of raw material, and / or more efficient production
- Increase in profitability
- IT solution
- New service for customers (e.g. financial service)

- Other – please mention below:

WORKING WITH THE RESEARCH INSTITUTE

We had several technical discussion meetings with the research institute. They gave us more details and information regarding the material and understanding the materials behavior (chemical composition)

PROJECT IMPACT

The project impact will be useful to handle the wastage materials in good way which will not have any negative effect on the environment, comply with ministry and good savings of time and money to Gulf Cable.

WOULD YOU REAPPLY TO A KFAS PROGRAM?

- Yes
- No

BECAUSE OF THIS PROJECT, ARE YOU LIKELY TO INVEST FURTHER IN RESEARCH & DEVELOPMENT?

Yes , which will be beneficial in saving time and effort of Gulf Cable Co.

WOULD YOU RECOMMEND KFAS PROGRAMS TO OTHER COMPANIES?

Yes, because of their expertise and have a good communication with specialized institutes that can help us develop and save time and money.