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Offshore Engineering Technology Transfer Copper Alloys for Marine Renewables - a new online resource

A new webcast from Copper Development Association presents an overview of the properties, applications and proven service experience of copper alloys in marine environments and indicates the potential benefits of technology transfer to Offshore Wind Farms and Wave and Tidal devices.

Copper-nickel alloys and nickel aluminium bronze are highlighted for their corrosion resistance with copper nickel alloys in particular providing combined high biofouling resistance in seawater environments. Such properties can eliminate the need for coatings and reduce section thicknesses and weight.

Aimed at engineers, designers and operators, this webcast, prepared by marine specialist Carol Powell and electrical engineer David Chapman, provides details of technical properties, current marine applications and ideas for providing practical benefits to renewable energy device manufacturers.

The webcast is available in the 'Marine' section at <http://www.copperinfo.co.uk/webcasts> along with further resources from Copper Development Association, who provide technical help and information for engineers about copper alloys in marine environments.

For in-depth details of the applications of copper-nickels, visit www.coppernickel.org. It features, amongst other attractions, an interactive presentation containing the most crucial and up-to-date information on these workhorse alloys, and also addresses many questions on application of and best practice for copper-nickel alloys.

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Note to editors: If you require any further information regarding copper-nickels or other copper alloys in marine applications, or would like a particular article tailored to your magazine, we can commission our marine consultant, Carol Powell, to produce something for you.