Zenyatta announces a collaboration with the German Aerospace Center on graphene composites

Zenyatta Ventures {TSX.V: ZEN}

Announced that it will be commencing a research collaboration with the University of British Columbia (UBC)-Okanagan Campus and the Deutsches Zentrum für Luft- und Raumfahrt (the German Aerospace Center) to investigate the potential use of Albany Graphite for graphene and graphene oxide in new composite materials.

•



Zenyatta to collaborate with German Aerospace Center on graphene composites

Zenyatta Ventures has announced that it will be commencing a new research collaboration with the University of British Columbia (UBC)-Okanagan Campus and the Deutsches Zentrum für Luft- und Raumfahrt ("DLR", the German Aerospace Center) to investigate the potential use of Albany Graphite for graphene and graphene oxide in new composite materials.

Separately, Zenyatta will also be working with UBC on a graphene oxide fuel additive. Research has found that graphene oxide can improve fuel economy by 7.5%, and potentially reduce emissions by 8% while increasing power by 10%.

Dr. Sina Kheirkhah, the lead researcher for the fuel additive project, commented: "Graphene oxide is a carbon- and oxygen-rich nanomaterial which can potentially increase the combustion rate when added to jet fuel. Graphene-doping also has the potential to boost aircraft propulsive force and increase the power of land-based gas turbines".