Advances and Challenges in Graphene Commercialization

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In just the last two years (2017-2019) graphene commercialization has made significant process as a combined result of a.) improved production techniques, b.) successful translation of lab research into demonstration applications, c.) significantly increased graphene production volumes globally, and d.) a slow but steady acceptance by some market leading companies to incorporate graphene materials into their end-use application and products.

Despite the rapid and significant progress that has been made to commercialize graphene, significant obstacles remain that include a lack of standards, insufficient health and safety assessments and many misperceptions of graphene as a result from a "hype phase" that set very high expectations for this new "wonder material".

The Graphene Council will outline the current state of the commercial graphene market and provide some insights into the near term expectations for successful graphene commercialization.



 The Bulk Graphene Pricing and Market Report 2019. Authors, Fullerex / The Graphene Council.

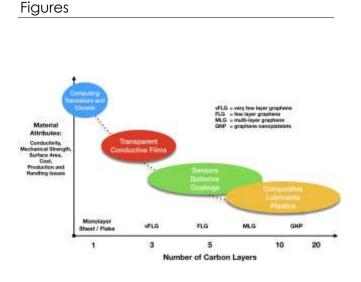


Figure 1: Types of Graphene materials and related characteristics and attributes.



Figure 2: Graphene Applications by type of graphene material.