

# Graphene and carbon nanotube (CNT) commercialization: past, present and future

---

**Khasha Ghaffarzadeh**

IDTechEx, UK

[khasha@idtechex.com](mailto:khasha@idtechex.com)

---

Graphene offers tremendous opportunity. Indeed, we forecast that it will become a \$220m market by 2026. Despite this, many graphene companies are in that crucial step where they finally have to convert their numerous leads into sales. Currently however, most struggle to diversify away from small volume sales to the researcher community. Nonetheless, the industry is accumulating experience, is finding the best applications to focus on, and is demonstrating tangible commercial progress. It is at the beginning of the beginning of commercial success. In this talk, we outline the past, present and future of graphene whilst considering trends in production capacity, price, revenues, and applications.

Graphene commercialization, in many ways, is following in the footsteps of CNTs. This technology too experienced a hype cycle but now is making a steady but fairly quiet commercial progress. Indeed, it has entered the phase of rapid volume growth partially thanks to its falling price over the past few years. In this talk, we will consider the past, present and future of CNTs in terms of the evolution of industry production capacity, price, revenues, and applications.