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Graphene- markets, applications and the latest commercialisation progress

2014 has been an eventful year for the graphene industry. The first round of commercial applications has already been announced, and the industry has witnessed intense investment and acquisition activity while further companies have gone public. Despite the high interest, the valuation of public graphene companies has been on the decline, returning largely to where they were at the time of their IPOs.

The graphene community continues to dream up a steady and divergent pipeline of long-term applications. Despite this, there is still a lack of the so-called 'killer application' and the suppliers are pursuing a subsection go-to-market strategy.

We find that today commercial players have more realistic expectations, showing a convergence of focus on composite and energy storage applications and en-mass migration further downstream to offer intermediary products.

IDTechEx, an independent market research company focused on emerging technologies, has been tracking the

graphene and carbon nanotube markets for several years. In this talk, IDTechEx will outline the following

1. Latest news in the industry including product announcements, investments/floations and acquisitions
2. Latest commercial trends in the graphene industry
 - a. Emergence of China
 - b. Strength of demand in Korea
 - c. Convergence on battery and composite applications
 - d. Migration downstream
3. Production capacity by supplier and the condition of over-capacity
4. Learning from where carbon nanotubes had success
 - a. Electrostatic painting of car parts
 - b. Fuel systems in cars
 - c. Battery electrode additives
5. Application pipeline
6. Ten-year segmented market projections

