

Commercialization Milestones of the National Graphene Action Plan 2020 & What's Next

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The National Graphene Action Plan 2020 (NGAP2020) was launched in 2014 and began its true execution phase in 2016. 2020 is the final year of this initiative. Five key focus applications are rubber additives, plastic additives, conductive inks, energy storage and nanofluids aligning to Malaysia's existing industrial strengths. Throughout the 5-year implementation, NGAP2020 has activated more than 40 projects and a number of high impact and commercially viable intellectual properties. The outputs have translated into joint-ventures and new companies for commercialization. Aligning to the 4th Industrial Revolution, NGAP2020 shifted towards including sensors and communication devices in 2018. The highlight of the action plan is Malaysia's first contactless wireless charger system enhanced with graphene.

References

- [1] NanoMalaysia Strategic Report 2019
- [2] NanoMalaysia Mid-Year Report 2020

Figures



Figure 1: The National Graphene Action official logo

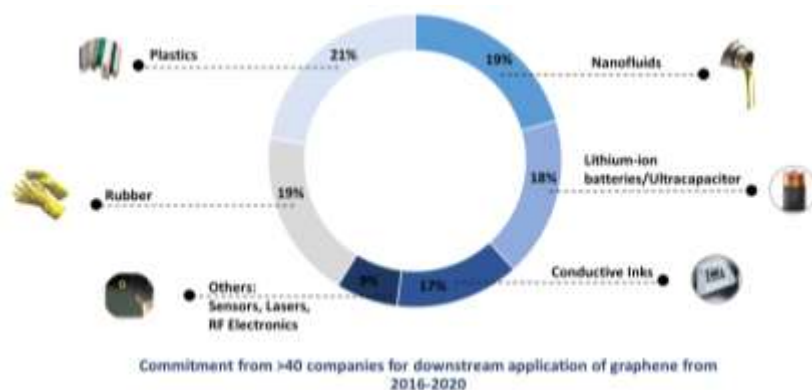


Figure 2: NGAP2020 Project distributions for the key applications areas