

## Categories

[Nanofluids](#), [Energy](#), [Cooling](#)

## Technology & Applications

The nanofluid can be use in any cooling systems that uses water as a cooling medium and can be adopted in building central chilled water plants.

## Advantages

GNP nanofluid enhances the heat transfer in a cooling system and can reduce the energy consumption (kWh) by 18-46% (32% of average) compared to using the traditional heat transfer fluid i.e. water.

## Intellectual Property

PI2020003821 Graphene-Based Nanofluid and a Method of Synthesizing Thereof

## Market Size

## Inventors

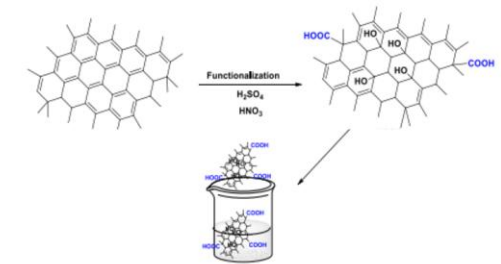
Ir. Bernard Sagaiyaraj (*Blue Snow Consulting and Consulting Sdn. Bhd.*)

## Technology Partners

Blue Snow Consulting and Consulting Sdn. Bhd.

## Gallery

Functionalized graphene-based nanofluids



## External Links

[Technology Partner](#)

## Next Steps?

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