

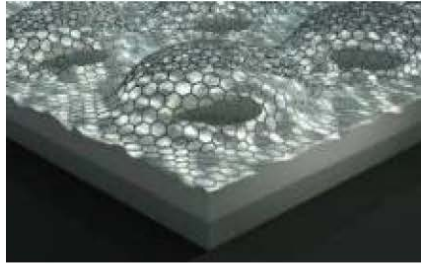


Graphene from wastes

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Graphene Applications



**Gas/Water barrier:
anticorrosion coatings etc.**

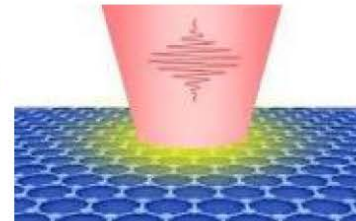
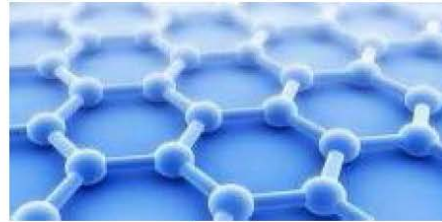


**Light-Strong Materials: cars,
aerospace applications**

**Transparent
electrodes;
Touch panels**



**Energy electrodes: solar cell,
supercapacitor etc.**



**Heat
Dissipation**



**Semiconductor: ultrafast transistors,
biosensors etc.**

Green Synthesis Methods

Graphene  Precursors



↓ Wastes pollutions
↓ Cost of synthesis



Thanks for listening