

Competitive Landscape

- Key differentiation factors: **Recovery, Environmental impact and Cost**
- **Strong IP: Global exclusive license on IP and fore-ground IP to be developed for recuperation**

Sorbent Technology	Sorption Capacity (g/g)	Convenience	Recyclability	Costs	Recovery
Natural products	low	difficult (amorphous fibers & particles)	impossible	medium	impossible
Polymer-based	5-25	easy	impossible	medium	squeezing & filtration
Exfoliated graphite	60-90	difficult (powder)	poor (50% loss after each cycle)	low	suction filtration
Graphene/FeOOH composite	10-30	easy	good	very high	distillation
Graphene sponge	60-160	easy	good	very high	distillation
Ultra flyweight aerogel	215-913	easy	good	very high	distillation
CFA	50-190	easy	good	very low	distillation & squeezing

