



TrimTabs

Transforming Conductive Materials

hello@trimtabs.co

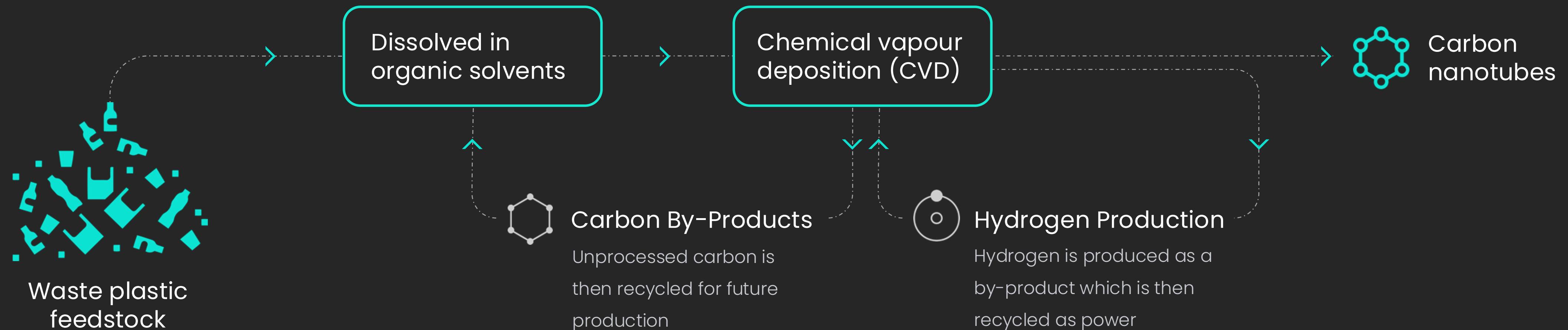
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Our patented process **transforms waste plastic** into high-quality and differentiated nanotubes.



Our process is **modular**, **scalable** and **fast**: Using off the shelf equipment, we can bring new production sites online in **<6 months**.



Solids

Face masks
Lycra
Elastene
Polyester
Polystyrene
Polyurethane
PVdC films
Hydrocolloids
Isotactic polypropylene
Polyethylene terephthalate
.... to name a few



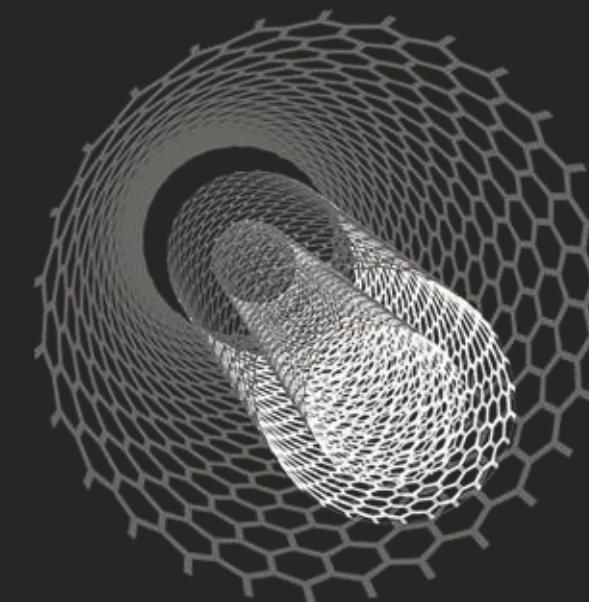
Liquids

toluene
benzene
M-cresol
cyclohexane
cyclopentane
methylcyclopentane
Hexafluoroisopropanol
... to name a few



Value Materials

- Carbon nanotubes
- Carbon nanofibers
- Carbon fibres
- Synthetic Graphite
- Graphene
- Hydrogen



CNTs



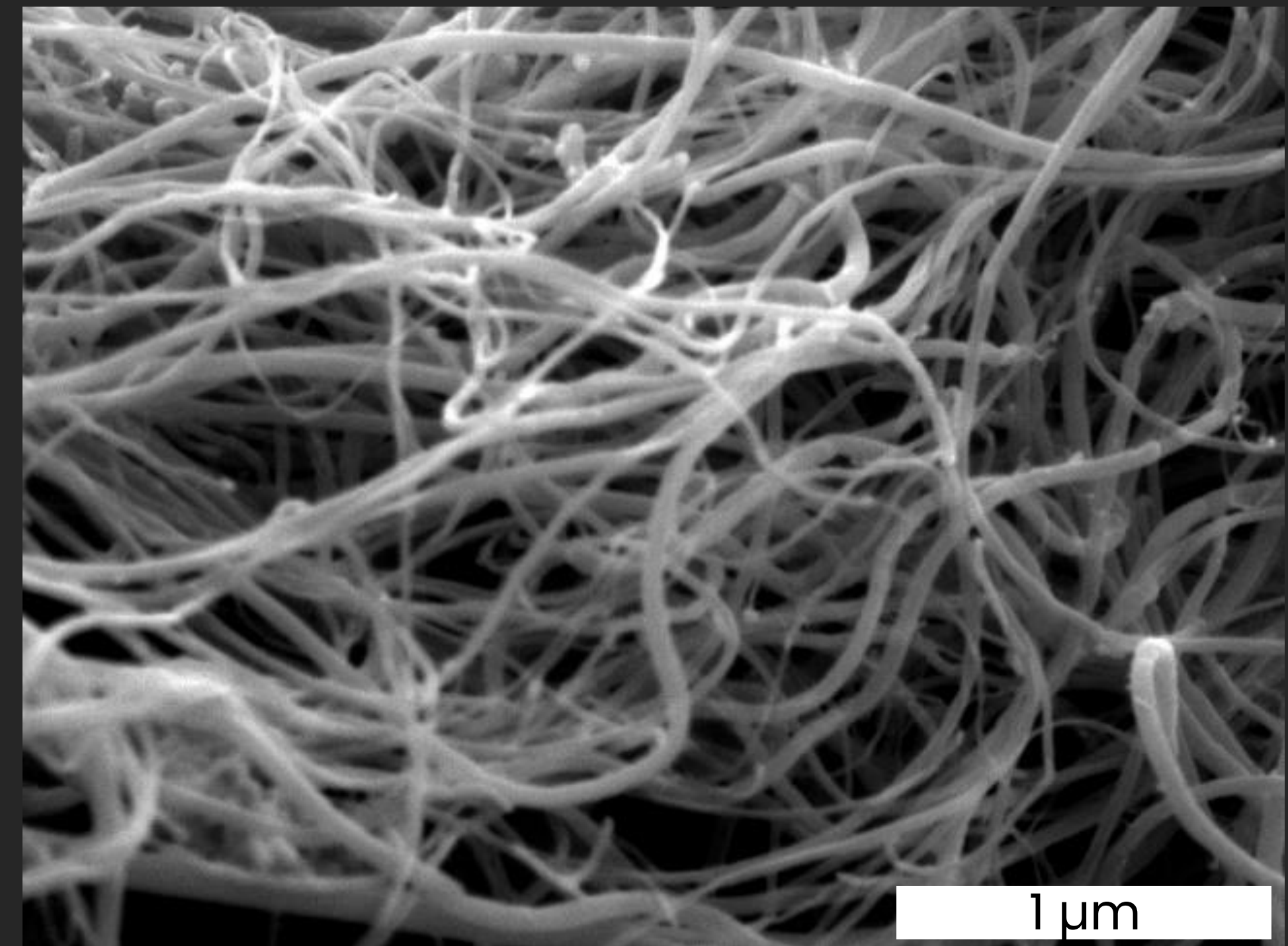
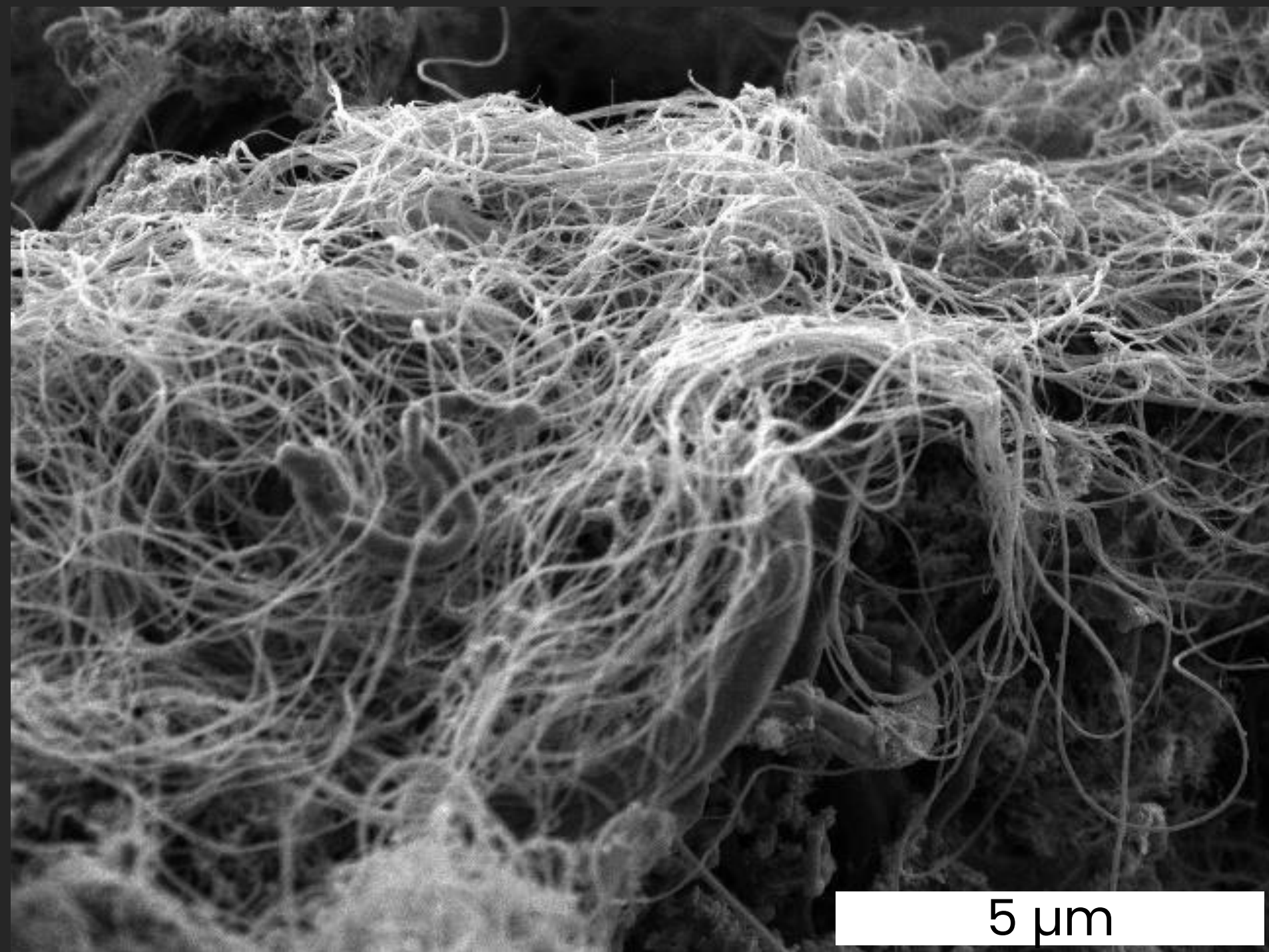
Hydrogen

Properties

- Conductive
- Lightweight
- High strength
- Non-flammable
- Carbon sink



Multi-walled nanotubes (MWCNTs)

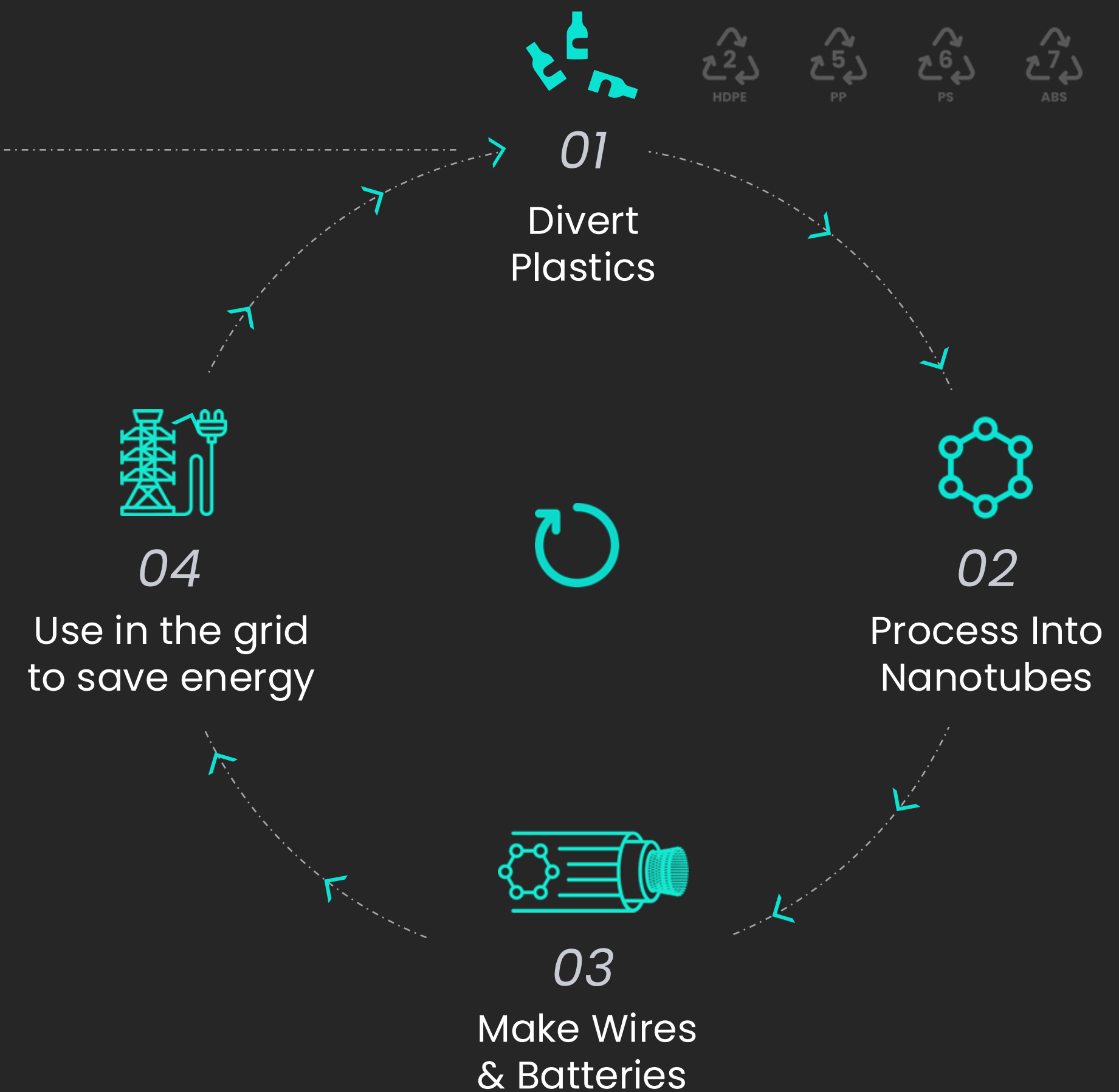


The average CNT diameter is 42 ± 14 nm with uniform sample morphology, minimal amorphous carbon visible from SEM imaging



Impact: A Circular Future

- **250 kg** of plastic into **£250k** of product
- **60 MT/Year** of CO₂ saved by gas recirculation
- **2000 TpA** plastic diverted when all EV batteries use TrimTabs CNTs
- **0.7 GT/Year** CO₂ by reduced emissions using EVs
- **32 MT/Year** CO₂ saved if every 737 used our wires
- **1 Bn liters/year** water saved using TrimTabs





*“Pollution is nothing but the resources we
are not harvesting. We allow them to
disperse because we’ve been ignorant of
their value.”*

R. Buckminster Fuller



Thank You

Dr. Alvin Orbaek White

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