



Collaborative Action Planning Session

Innovating with Nanofibers: A Brainstorm Workshop on Commercialisation and Environmental Impact



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Brainstorm Objectives

- Explore Innovation for Environmental Protection
- Understand the Commercialisation Process
- Focus on Nanofiber Applications for Marine Protection
- Generate Feasible Ideas for Product Development



Uniting Business in Ocean Conservation

Applications

Items we are developing for commercialisation

Oil Absorbent



Agriculture



Filtration



Brainstorm Questions

Q1. NF for Marine Environment Cleanup

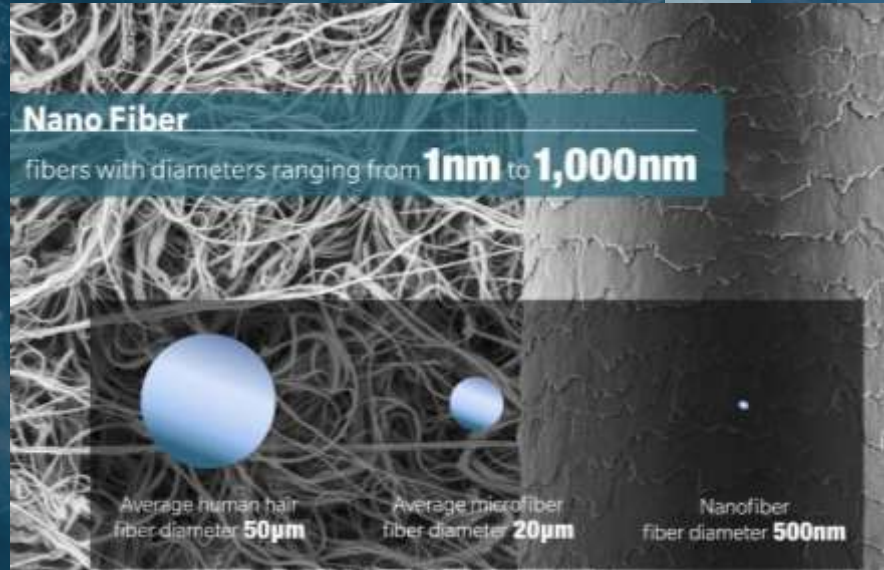
Q2. NF for Sustainable Agriculture and Marine Protection

Q3. NF for Advanced Water Filtration in Marine Conservation

NF = Nanofibers

What is Nanofiber?

- Ultra-fine fibers with diameters of 1 to 1000nm
- The same size as virus
- Fine diameters provide unique properties



History of Nanofiber

WORLD

1980s, basic nanofiber research has begun

Experiment Only

M-TECHX

2015, developed unique manufacturing process

Mass Production

We have achieved commercialisation for the first time in the world.

Applications

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Oil Absorbent



Agriculture



Sound Absorption



Insulation



Filtration



Apparel



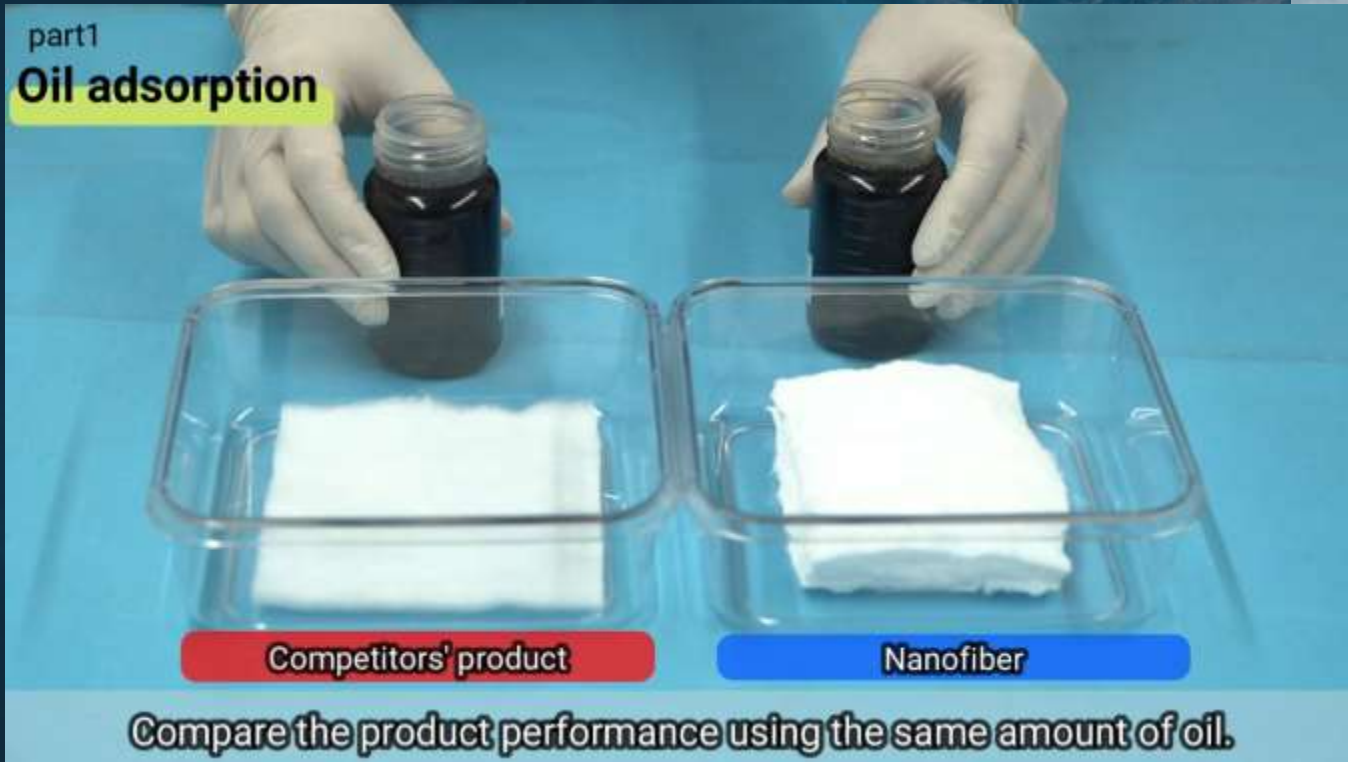
Medical Supplies



Defense & Law Enforcement



Demonstration of Magic Fiber



Waterproof Breathable Nanofiber



Ultra Thin Waterproof Breathable Nanofiber



Hydrophilic (Water Absorbent) Nanofiber



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Brainstorm Questions

NF for Marine Environment Cleanup

NF for Sustainable Agriculture and Marine Protection

NF for Advanced Water Filtration in Marine Conservation

NF = Nanofibers

Brainstorm Question 1 – NF for Marine Environment Clean-up

Q1 Prompts



Q1 Submission Form



Brainstorm Question 2 – NF for Sustainable Agriculture and Marine Protection

Q2 Prompts



Q2 Submission Form



Brainstorm Question 3 – NF for Advanced Water Filtration in Marine Conservation

Q3 Prompts



Q3 Submission Form



Pre-reading & Reference Materials

NF Oil Absorbent



NF Filtration



Brainstorm Timetable

45min: Group Discussion



30min: Presentation on the Findings (Selected 3 Groups)

45min: Group Discussion



30min: Presentation on the Findings





THE
OCEAN
COLLECTIVE
SUMMIT 2024

WAVES OF CHANGE

Uniting Business in Ocean Conservation



THANK YOU