



AREKA: FIBER TECHNOLOGIES



Equipments for Fibrous and Polymeric “Things”

NANOFIBERS



e-Aerospinner

NONWOVENS



MeltBlower

FILMS



FilmCasting

Thermoplastic FIBERS



Meltspinner

Thermoset FIBERS



WetSpinner

COMPOUNDS



Compounder



Aerospinners for Nanofibers



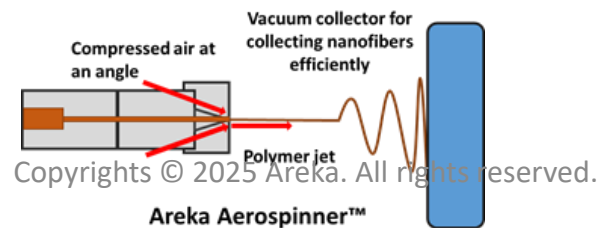
PORTABLE



LABORATORY



INDUSTRIAL



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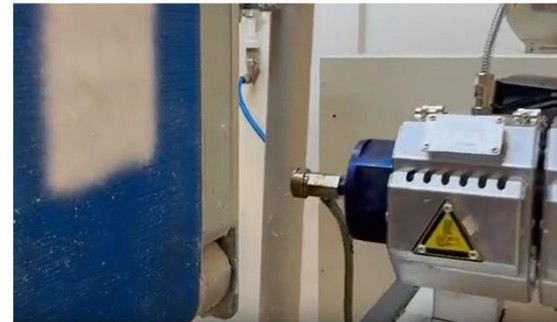
M-AEROSPINNER for Microfibers



**THERMOPLASTIC
FIBER
TECHNOLOGIES**

Areka Meltblower L1.0

For your lab scale trials



Areka Meltblower P1.0



Component	Areka Meltblower L1.0	Areka Meltblower P1.0
Extruder	Screw diameter:25mm, L/D:16 Capacity: 0.1-3kg/h Max Temp:350°C	Screw diameter:30mm, L/D:30 Capacity:1-10kg/h Max Temp:350°C
Die	Single nozzle Diameter: 0.5-1.0mm	30 cm die with a total of 300 capillaries The air plate angle is 60° with an air gap of 0.2 mm.
Pump	Optional 0.6cc/rev (6-120cc/min)	Optional 1.2-2.4-3.6cc/rev (12-720cc/min)
Collector	PET mesh Speed: 2-50m/min	PET mesh Speed: 2-50m/min
Air heater	60cfm at 6 bars Tmax: 400°C	60cfm at 6 bars Tmax: 400°C
Dimensions	L:200cm D:150cm H:180cm	L:220cm D:160cm H:180cm
Control	Sinches, full automation: Temperatures, screw speed Separate for conveyor and air heater	Sinches, full automation: Temperatures, screw speed, flow rate Separate for conveyor and air heater



Compounder & Film Systems



Compound/Masterbatch



Film

AREKA Film Casting system to produce polyester, polyamid, polypropylene, polyethylene and other thermoplastic films and split fibers

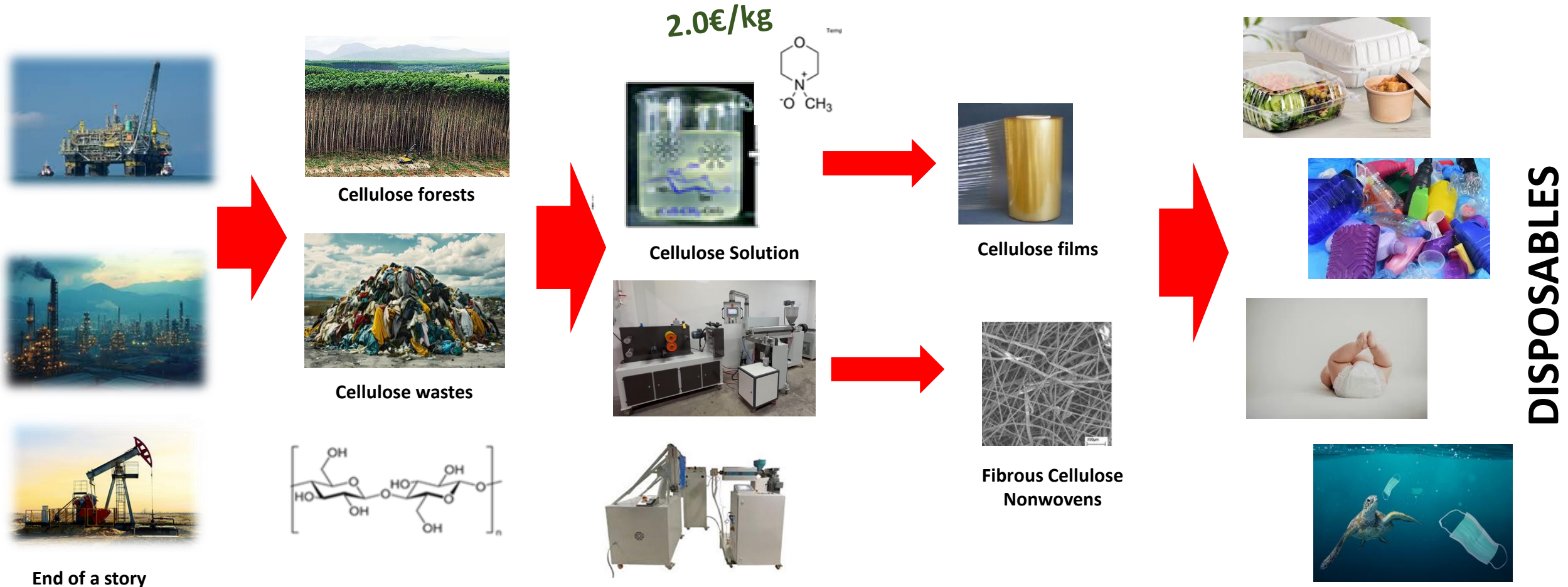


Areka C25: 2in1

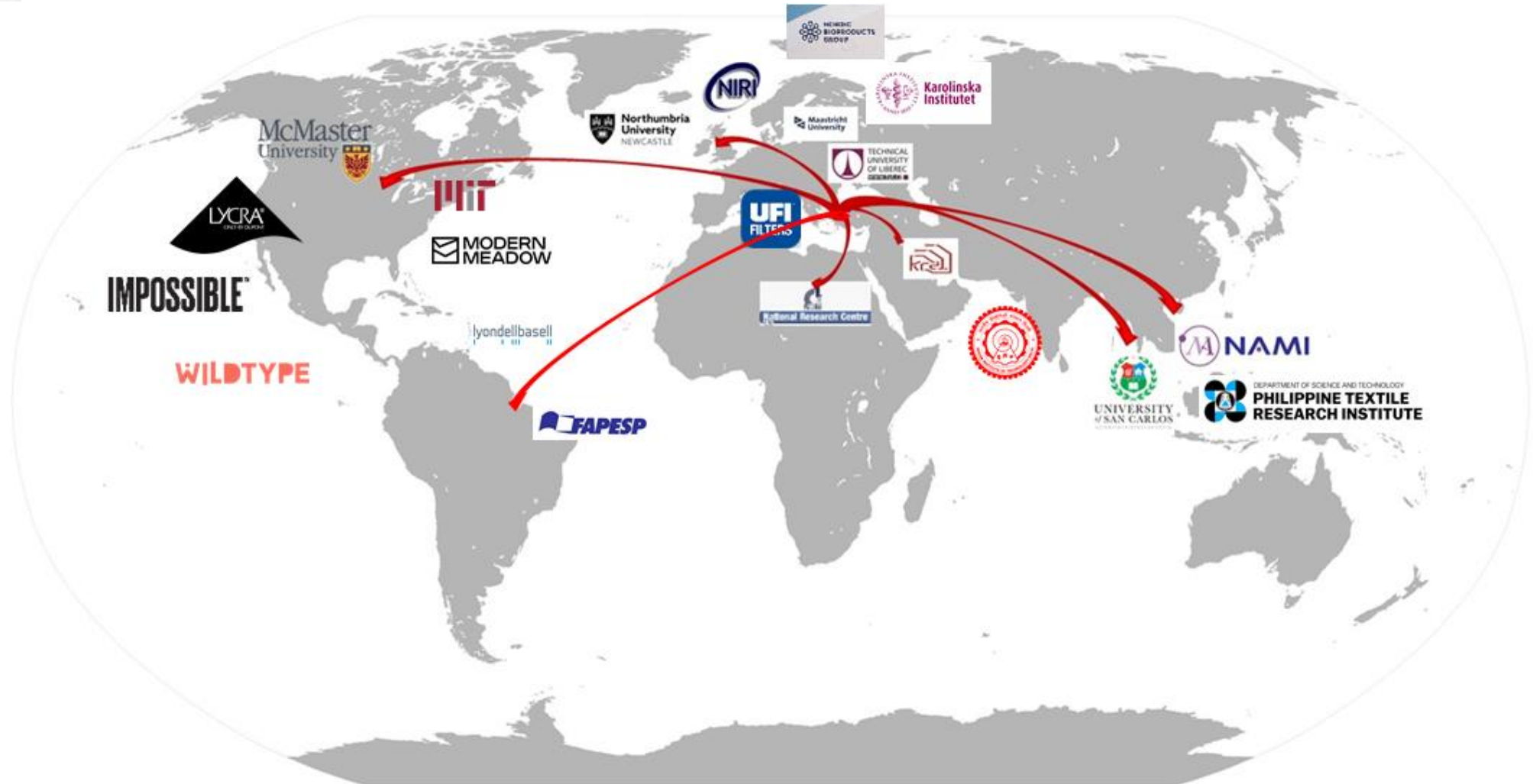
Film Casting

Compound preparation

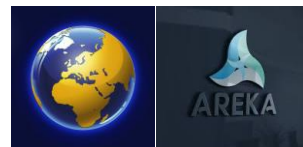
Celofi: Cellulose Based Disposable Fibers & Films



QUESTION: WHY DO WE MAKE DISPOSABLES FROM FOREVER CHEMICALS?



Let's make the **world** great again



ISTANBUL