



EcoPrana Co.,Ltd

# SN Synthetic BIO-OIL Production Equipment (System introduction)



**Used Cooking Oil**

Cashew Nut Shell Liquid      Jatropha Oil

Palm Oil      Bioethanol

etc...

■ Selection and blending of various bio-based oils according to needs/purposes

Various BIO Base Oil

■ Achieves chemical bonding of oil and water!

■ Original additives for various base oils

Additive

Tap Water      Groundwater

All Water Resources

Change to SNW

SNW Manufacturing Equipment

■ Miniaturization

■ Activation

■ Oxygen mixture Water

Super Nano Water



## New Fuel Production Process

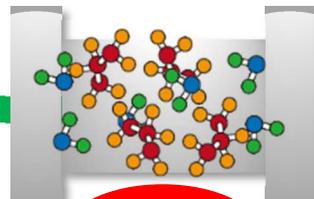
- ◆ JP Patent No. 5719093
- ◆ International Patent WO2015-145563

Special Mixing Equipment

Pressure/flow control

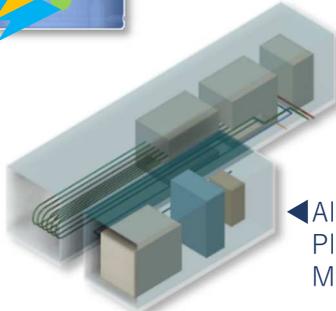
### EP Patented Mixing Pipe Line

- Inseparable ester bond
- Molecular Miniaturization
- Oil-Water Chemical bond



Chemical Bonding

Mixing



All-in-One Plant System in Marine Container



SN Water Manufacturing Process

## SN Synthetic BIO-OIL

■ Synthetic BIO-OIL tailored to each demand!

High cetane type

High octane type

◆ JP Trademark Registration No. 5714155

**Super Nano Oil (SN OIL)**

Mixing /Miniaturization /Chemical Bonding Process