## Project Idea Note for the JCM Feasibility Study

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Title of the proposed study	Project " Integrated Biodiesel & Biogas "
The contact detail of the study	Name of contact entity etc: Pt. Green Energy Nusantara , for Renewable Energy Pt. Pijar Nusantara , for Contractors M/E Works ( Existing Now )
	Name and position of contact person: Ir. Aip Sutira, MM Director
	E-mail of contact person: apboys90@gmail.com greenenergynus@yahoo.com teknikmujarab@gmail.com
	Phone number of contact person: +6281211629434
	Address of contact entity etc: Jl. Raya Sirkuit Sentul GSE II Blok C No. 1 SENTUL 16810 BOGOR WEST JAVA INDONESIA.
	Website of contact entity etc: Not yet
Japanese participant[s] for the study and their roles in the project (including names of personnel)	Name of participant: (Name and position of contact person: ) (E-mail of contact person: ) (Phone number of contact person: ) Address of contact entity etc: Website of contact entity etc: Roles:
	Name of participant: (Name and position of contact person: ) (E-mail of contact person: ) (Phone number of contact person: ) Address of contact entity etc: Website of contact entity etc: Roles:
Indonesian participant[s] for the	Name of participant: No have

study and their roles in the project (including names of personnel)	<ul> <li>(Name and position of contact person: )</li> <li>(E-mail of contact person: )</li> <li>(Phone number of contact person: )</li> <li>Address of contact entity etc:</li> <li>Website of contact entity etc:</li> <li>Roles:</li> </ul>
	Name of participant: (Name and position of contact person: ) (E-mail of contact person: ) (Phone number of contact person: ) Address of contact entity etc: Website of contact entity etc: Roles:
<ul> <li>Brief summary of the study</li> <li>Example:</li> <li>Objective of the study</li> <li>Location of the study</li> <li>Scale of investment including planned source of investment</li> <li>Technology[ies] to be adopted for the study, and brief description of the technology[ies]</li> <li>Project implementation scheme, and role of each participant</li> <li>Current status and progress of the study including planned timeline</li> </ul>	<ul> <li>Objective : <ol> <li>To produce Diesel Fuel totally green Environment and Renewable continuously.</li> <li>To prepare diesel Fuel cheap &amp; affordable price for Fisherman, Homes, Public transport &amp; Industries.</li> </ol> </li> <li>For Business Side Integrated Biodiesel &amp; Biogas are : Will be producing the output of Products : <ol> <li>We sell Diesel Fuel to Customers with low production Costs ( estimate 1550 – 2200 ) Rp/Liter. Diesel Fuel Sell at 6500 Rp/liter for Fisherman &amp; Public and Industries at 9500 Rp/liter.</li> <li>We 'll sell Electricity Biogas to local community with affordable price and with stable, Voltage &amp; Supply. Price 650 Rp/kwh to local community. And to PLN 1300 Rp/kwh. <li>We don't need PLN in producing / Extraction of Diesel Fuel while We have enough power.</li> <li>We don't need Fertilizer to grow Micro Algae , while We have Biomass from Biogass for Algae.</li> <li>We'll sell Animal Feeds as biomass for Catfish, Chicken &amp; Duct at 3500 Rp/kg.</li> </li></ol></li></ul>
	<ol> <li>First at Sindang Barang – Cianjur West Java for cap ; 200,000 Ltr/day Diesel Fuel, Electricity Biogass 4 Mw/day and Animal Feeds 3 Ton/day, at the Land 100 Ha the land where it used : Cows FARM 1500 Cows 2 Ha, King Grass 10 Ha, Azola 5 Ha, Rifinary area 1 Ha, Biogas Area 2 Ha, Animal Feeds factory 1 Ha and The rest for Open Pond of icro Algae 78 Ha.</li> <li>After 2 years will move to Cidaun 100 Ha, Cikelet 150 Ha, Loji 50 Ha, Cipatujah Tasik 100 Ha and Cilamaya</li> </ol>

	Kerawang 100 Ha . Total in 6 Years will produced
	2,500,000 Ltr/day.
	Scale of Investment :
	1. Medium Up , cap : 200,000 Ltr/day
	2. High , cap : 2,500,000 Ltr/day
	Planned Source of Investment :
	This project Need USD 25M – 50M , but for Start We enough for USD 25M .
	We plane for this Investment scheme is Joint Venture with
	Sharing Profit. For Duration 7 Years and can be extended
	after deal for both party.
	Technology :
	1. Biodiesel – Extraction process , some from Katzen
	USA & Local Fabricated.
	2. Biogas – Gas Engine , Option 1 . MWM Germny and
	Option 2 . Hitachi - Japan. 3. Animal Feeds factory , We use 50% China & 50%
	Local.
	Project Implementation Scheme :
	1. Looking for Serious Investor planned up to July, 2015
	2. Machine , gass engine & other Equipment 3 Month
	after deal the Fund.
	<ol> <li>Execution / Mobilization to site planned September 2015.</li> </ol>
	4. Finish construction & Installation , Ready to
	production March 2016.
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	Current Status of the Project :
	1. Looking for Serious Investor .
	<ol> <li>Looking for serious investor .</li> <li>Negotiation the Land price</li> </ol>
	<ol> <li>Negotiation the Land price</li> <li>Negotiation of Gas Engine and Equipment.</li> </ol>
Rough estimation of expected GHG	Our Project No have CO2 at all , otherwise We need CO2 as
emission reductions (unit:	for fotosinthesa of Micro Algae . So this projects very Green
tCO <sub>2</sub> /year)	Environment 100 %.
(if any) Capacity building activity	
for the Indonesian participant[s]	As stake holder or others.
(cf. information sharing among stakeholders, organizing	
workshops, and/or study tour to	
Japan)	