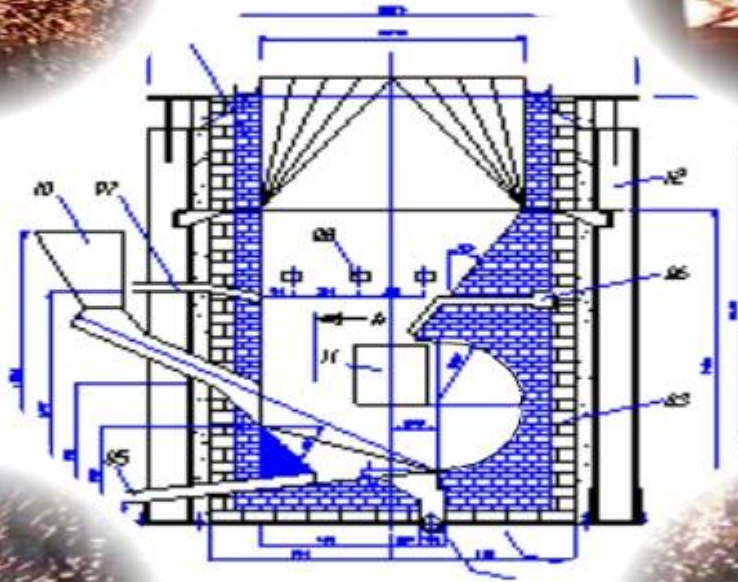


# Utility Technology Services

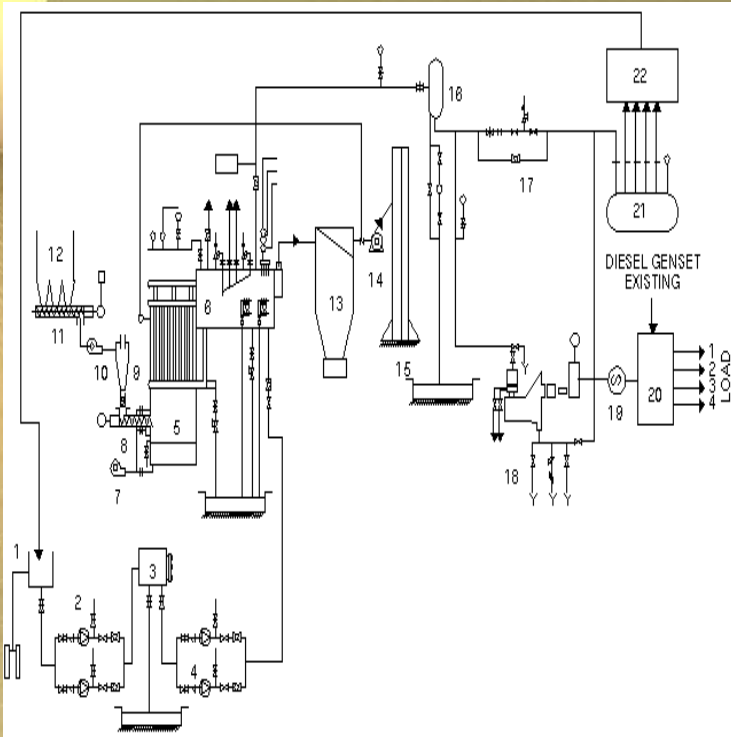


NOVEMBER 2006

PT Dyna Energy

- ◆ Company Background
- ◆ Location
- ◆ Products/Services
- ◆ Market Overview
- ◆ Environmental and Social Benefits
- ◆ Financial Overview
- ◆ The Proposal

# Background of Company



PT Dyna Energy was established in 2005

Core Business :  
Providing consultancy services

- Clean energy
- Non-conventional energy sources (fuels)
- Power generation for industrial purposes

# Background of Company



## Management Team

Commissioner	: Achiar Oemry
CEO	: Haifa Wahyu
Director of Engineering	: Imam Djunaedi
Director of Finance	: Bogie Soedjatmiko
Liaison and PR	: Nenen Rusnaeni

## Current Status :

- Own laboratory in Serpong
- Have built several non-conventional fuel (alternative) power generators

# Location



Office :

Jl Kebun Bibit Tengah No. 8

Bandung 40116

Jawa Barat - INDONESIA

# Products/ Services



- Consultancy in energy solutions and conservation
- Power generators - 10 ton/hour, 25 ton /hour, 6 MW, 25 MW
- Instrumentation for power generation and control systems
- Hydrogen and solar energy technology

# Products/Services



- ◆ Cyclone Turbulent Furnace Coal Boiler (10-25 ton steam/hr)
- ◆ Cyclone Turbulent Furnace Coal Power Generator, (6 MW dan 25 MW)
- ◆ Energy conservation consultancy
- ◆ Power generation using methane ( biogas)
- ◆ Simulation and optimizing of coal combustion system
- ◆ Conversion from conventional fuels to renewable clean fuels
- ◆ Development of small crude palm oil plant

## Market Overview

### Market Objectives / Targets

- ◆ Processing industries (textile, paper, CPO/refinery)
- ◆ Chemical Industries
- ◆ PT PLN/Indonesia Power
- ◆ Industrial Estates
- ◆ Large-scale livestock enterprises c
- ◆ Industries wishing to convert from oil-gas based fuels to non conventional fuel systems
- Recognizing the associated savings achieved

#### Business Partners:

- ◆ PT Basuki Pratama Engineering
- ◆ PT Barata Indonesia

## Environmental & Social Benefits

- ◆ Minimised pollution through filtering / scrubbing
- ◆ Recycling process – the recovered combustion material and isolated coal dust will be reused as the construction material

## Environmental & Social Benefits

- ◆ Creating job opportunities
- ◆ BOT agreement
- ◆ An opportunity to discover and develop new processes that are more efficient and cleaner

## Financial Overview

- ◆ PT Dyna Energy will purchase additional facilities / equipment: furnaces, boilers, FD Fan, instrumentation, computers, design system software, etc.
- ◆ Investment required: Rp 1.60 billion
- ◆ Projection of Cash Flow : surplus every year
- ◆ Profit and Loss projection : net profit margin 4 - 7% per year
- ◆ Investment Criteria : NPV Rp 3.58 billion, IRR 62.25%, B/C 1.12

## The Offer

- ◆ Investment of Rp 1.60 billion
- ◆ Third party receives dividends during first 4 years 2008 - 2011
- ◆ Third party investor repaid by the end of 2011 calendar year



**DYNA ENERGY**  
*Smart Solutions*

Thank you