PARADIGM FUELS
CARBON ZERO
COAL-FIRED POWER STATION MODEL
Paradigm Fuels Patented Technology Absorbs The Following Emissions:

- Carbon dioxide
- Carbon monoxide
- Copper & compounds
- Hydrochloric acid
- Manganese & compounds
- Oxides of Nitrogen
- Sulfur dioxide
- Sulfuric acid
- Total Volatile Organic Compounds
- Zinc and compounds

- to provide a world class ESG Score and high moral ground position
Paradigm Fuels Provides All Power Station Stakeholders with a Carbon Zero, Sustainable Renewable Energy

The Power Station:
- An AUD152m Investment Position Against Finance to Produce 6,500ML/year Renewable Diesel @ 10c/L from A Thermal Coal Operation Operating at 10.5MTonne Coal/yr
- To this we add a 1,800MW Power Station operating at 100% Carbon Zero and a Renewable Diesel Refinery
Paradigm Fuels Provides The End User Of The Fuel with Carbon Net Zero, Sustainable Renewable Energy

Add The Agri-business:

- A further $40m Investment Position Against Finance to Produce 1,200ML/year Renewable Diesel @ 26c/L using an agribusiness model to provide a carbon net zero position on all Renewable Diesel Collectively Produced

- Thereby providing a total of 7,700ML’s of Renewable Diesel carrying 3.2T Carbon Credit with every Tonne of Renewable Diesel to provide the end user of the fuel with a Carbon Net Zero position as well
What Is 7,700ML’s Per Year Of Carbon Net Zero Renewable Diesel

- It is 25% Of Australia’s Diesel Usage and furthermore Net Carbon Zero

- And Derived from 1 Coal Mine + Agri-Business model

- It is about 130 shipments using Panamax Freighters And worth at Wholesale GatePrice $11.5 Billion / year (inclusive of 300,000 Tonne LPG and Naphta bi-products)
Size Of Power Station That The Paradigm Fuels Model Can Support

- A reasonable estimate is 1,800MW to burn 10.5MT/yr


- At say $228/MWH year average (conservative) is: $2.7Billion/year Revenue (Additional to the $11B Revenue from Renewable Diesel)
The Model’s Main Source Of Revenue Is In the Power Station

- There has recently being imposed corporate restrictions on the sale of steam turbines for coal fired power stations.
- The **Zero Carbon** qualification of the Power Station Operation will appease/bypass these restrictions.
- And the **Carbon Credit** attached to the Renewable Diesel Provides a **Carbon Net Zero** qualification.
- That will appease/bypass restrictions if the diesel was also used by other users to achieve their **Carbon Net Zero** aspirations.
Paradigm Fuel’s Patented Technology Will:

1) Provide an accessible **Net Zero Carbon** Capability for the Coal Mining Industry
2) Reduces Production Costs of the Coal Mine **Using 12c/L diesel**
3) Provide a **Zero Carbon** Qualification for a **coal fired power station**
4) Provide a **Zero Carbon** Certification to the electrical power product
5) Provide **Carbon Credits** with the Diesel By-Product of Power Generation
6) Provide a **Net Zero Carbon** Qualification to the **End User Of the Renewable Diesel**
Point 2: “Reduces Production Costs of the Coal Mine Using 12c/L diesel” will

1) minimise the impact of future fuel price escalation; and
2) make new mining projects more viable;
3) with enhanced JORC reports; and
4) improve corporate balance sheets; and
5) provide surety of supply (given Australia only has 20 days of diesel stockpiled); and
6) enable Carbon Credit targets;
7) which will impact ESG scores; and
8) financing.
The Agribusiness Model Also Provides An Uplift In The End Product Energy For The End User

<table>
<thead>
<tr>
<th>Product</th>
<th>Production</th>
<th>Energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>10.5 MT/yr</td>
<td>231,000 TeraJoules</td>
</tr>
<tr>
<td>Renewable Diesel</td>
<td>7,700 ML’s /yr</td>
<td>268,000 TeraJoules</td>
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</tbody>
</table>
The Agribusiness Model Includes A $40m Investment Position Against Finance Based On 140,000 Hectares Of Crop And Average Algae Growth Of 92mg/L/Day

<table>
<thead>
<tr>
<th>Lipid Yield % weight of Algae</th>
<th>Renewable Diesel (ML)</th>
<th>Production Cost c/L</th>
<th>Carbon Credit Per T RDiesel</th>
<th>Carbon Cost Per T RDiesel</th>
<th>Net Carbon Benefit</th>
<th>% Carbon Net Zero</th>
</tr>
</thead>
<tbody>
<tr>
<td>56%</td>
<td>1,730ML</td>
<td>22</td>
<td>6.2 T CC/T RD</td>
<td>3.2T</td>
<td>3.0T</td>
<td>195%</td>
</tr>
<tr>
<td>30%</td>
<td>1,340ML</td>
<td>25</td>
<td>8.1 T CC/T RD</td>
<td>3.2T</td>
<td>4.9T</td>
<td>255%</td>
</tr>
<tr>
<td>22%</td>
<td>1,060ML</td>
<td>29</td>
<td>10.0 T CC/T RD</td>
<td>3.2T</td>
<td>6.9T</td>
<td>315%</td>
</tr>
<tr>
<td>20%</td>
<td>1,010ML</td>
<td>30</td>
<td>10.5 T CC/T RD</td>
<td>3.2T</td>
<td>7.3T</td>
<td>330%</td>
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<tr>
<td>15%</td>
<td>890ML</td>
<td>34</td>
<td>11.9 T CC/T RD</td>
<td>3.2T</td>
<td>8.7T</td>
<td>375%</td>
</tr>
</tbody>
</table>

- A renewable energy product not affected by national fuel supply
- A constant fuel price not affected by economic conditions
Paradigm Fuel Pty Ltd Disclaimer

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