

Presentation at the 2009 Annual General Meeting

18 November 2009: Environmental Clean Technologies Limited (ASX:ESI) is pleased to lodge the following presentation by the Chairman and Chief Executive at the 2009 Annual General Meeting held on Wednesday 18th November 2009 at 11:00 AM at Level 15, 485 Bourke Street, Melbourne.

For further information contact: Chief Executive Kos Galtos +61 3 9684 0888

Environmental Clean Technologies Limited



Annual General Meeting – Corporate Presentation 18 November 2009



Corporate Overview

Board and Executives

Dave Woodall	Chairman		
John Hutchinson	Non-Executive Director Deputy Chairman		
Dennis Brockenshire	Non-Executive Director		
Stephen Carter	Non-Executive Director		
Kos Galtos	Chief Executive		
Kos Galtos Ashley Moore	Chief Executive Business Manager – Coldry		

Strategic Partners

Deacons	Legal
PKF	Auditing
RSM Bird Cameron	Accounting
Phillip Capital	Financial Advisory
Fortrend	Standby Subscription Agreement
Radar Group	Relations – Investor
Monsoon Communication	Relations – Media
Markstone Group	Political Advisory



Corporate Overview

Capital Structure



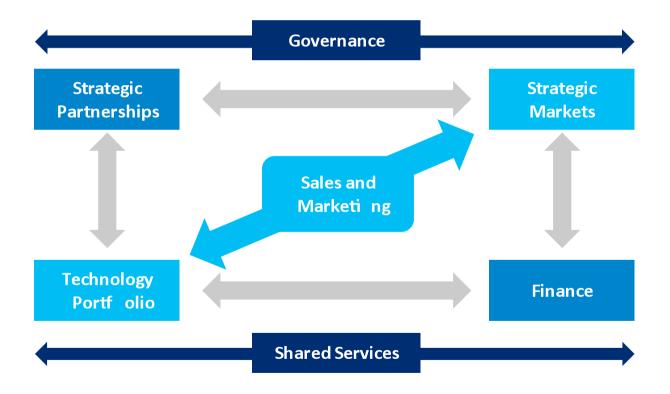


Top 20 Shareholders

30.4% ownership

Our Core Business

Environmental Clean Technologies Limited is in the business of commercialising and selling disruptive technologies that have game-changing potential within the energy and resources sector capable of delivering significant environmental and commercial benefits.





Technology Portfolio

Core Technologies

Coldry – Unique Coal Drying and Water Recovery Technology

An economic method for dewatering lignite and sub-bituminous coals, creating an energy rich Black Coal Equivalent for local consumption or transport to remote markets.

Matmor - Unique Iron Making Technology

A one-step method for producing low-carbon iron from abundant and low economic value brown and sub-bituminous coals and metal bearing media.

Expanding the Technology Portfolio

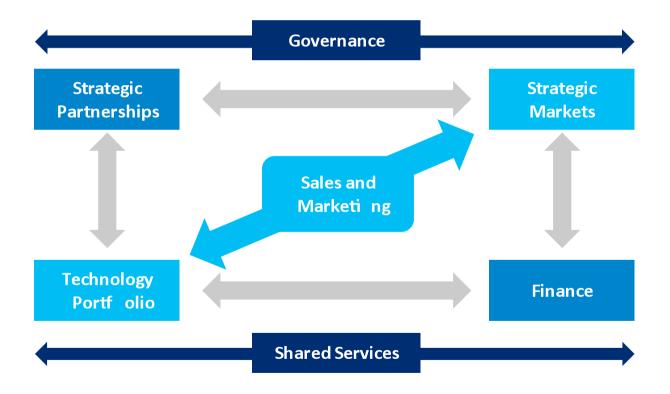
Focused on advancing our two core portfolio of core game-changing technologies enabling us to secure sustainable profits through licensing royalties or other commercial mechanisms.

We will surround our core technologies with complementary technologies that expand market size, increase value created and captured, or enhance likelihood of adoption.



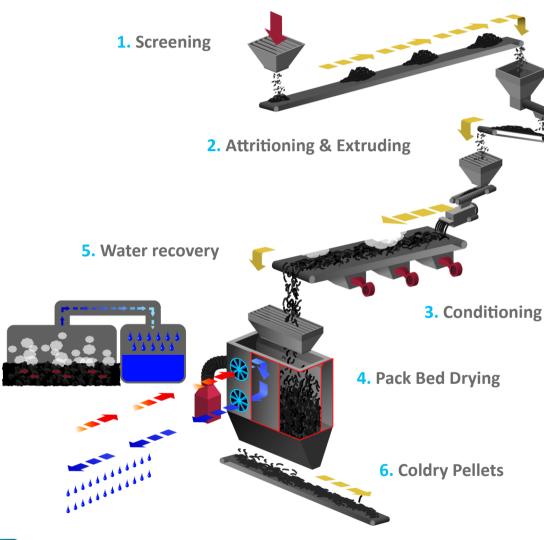
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Coldry: In Focus



Screening to remove foreign objects and addition of a small quantity of water to the raw coal .

Initiating an exothermic chemical reaction to expel water through attritioning. Extrusion under low pressure accelerates the chemical reaction.

Warm air toughening of extruded mixture on a conditioning conveyer prior to delivery to the pack bed dryer.

Formation of Coldry pellets and collection of moisture in the pack bed dryer.

Storage of distilled water ready for use or transport.

Stockpiling of high-energy Coldry pellets ready for use or transport.

The Coldry process is covered by patents in all major markets with significant lignite deposits. Engagement with potential partners and customers will also be covered by standard legal agreements.

Country	Patent Application N	No Filing Date
Australia	767268	Sep 2004
(including Hong Ko	ina PCT/AU2004/001 gg), ew	319 Feb 2006



Coldry: In Focus

The Coldry Process

High Gains

Mechanical

Low Heat

Low Pressure

Water Recovery

Sensitive to the Environment

The Coldry Plant Design

Immediately Deployable

Flexible

Scalable

Cost Effective

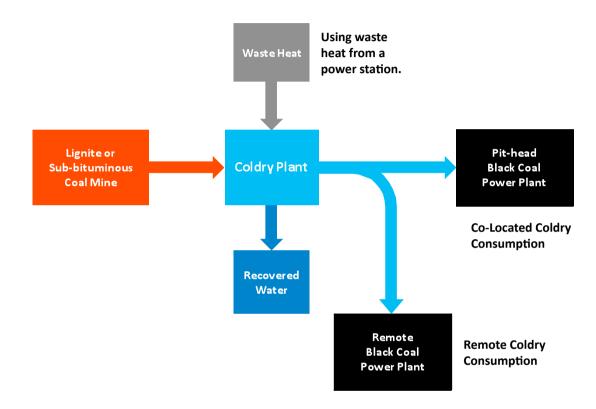
Power Station Integration Synergies

Coldry Black Coal Equivalent

Stable

Valuable

Versatile



Coldry pellets can be used in local black coal power plants and transported to remote black coal power plants.

10-30% Coldry:Lignite mix can be used in lignite-fired plants for emissions reduction.

100% Coldry possible in significantly upgraded lignite plants.



Coldry: In Focus

Pilot Plant

The company's Coldry Pilot Plant was established as a batch production facility in 2004.

It underwent modification in 2007 to achieve continuous production and integration of its water recovery system.

Strategic Relationships

Environmental Clean Technologies Limited entered into strategic relationships with leading organisations in Australia to advance the Coldry technology in Australia:

Arup	Coldry Core Design Partner (Global) Coldry Design Engineer (Australia)		
McConnell Dowell	Coldry Construction (Australia)		
Transfield Services	Coldry O&M (Australia)		
Deloitte	Coldry Financial Modelling (Australia)		

Strategic relationships will underpin commercialisation in global markets.

Commercial-scale Design

The Coldry Pilot Plant has informed the design of the commercial-scale Coldry modules that will underpin commercial plants.

These modules have been designed to produce:

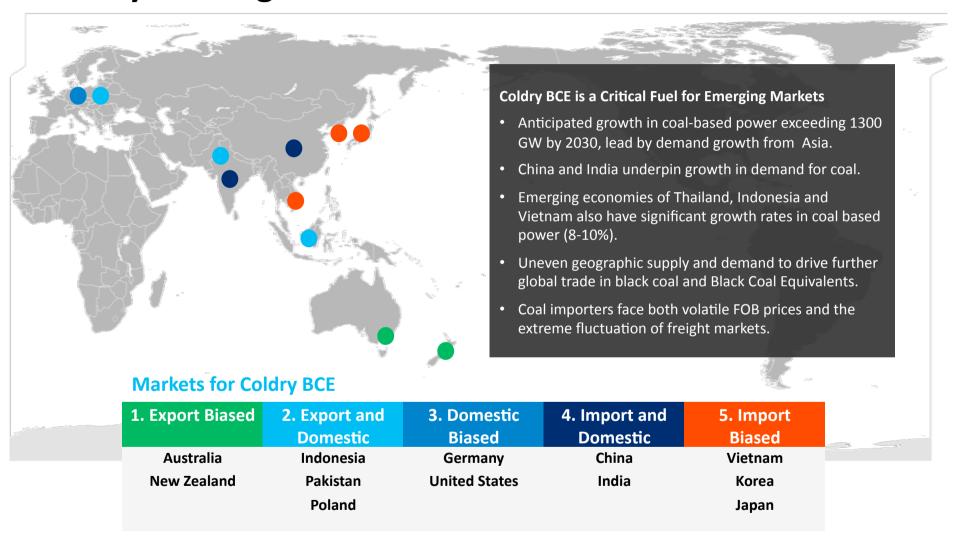
- 167,000 TPA of Coldry from 60% moisture coals,
- 220,000 TPA of Coldry from 50% moisture coals, or
- 300,000 TPA of Coldry 40% moisture coals.







Coldry: Strategic Markets





Coldry: Strategic Markets – Focus on China

Import and Domestic Market for Coldry BCE

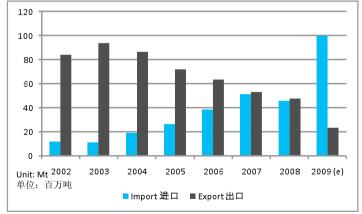
World's largest producer and consumer of coal. China has shifted from a net exporter to a net importer.

China's exports and imports are both affected by the international coal price. At current international coal price levels, China's coal imports are substituting some domestic production.

From January to August of 2009, China imported 73.8 Mt black coal and exported 14.83 Mt black coal.

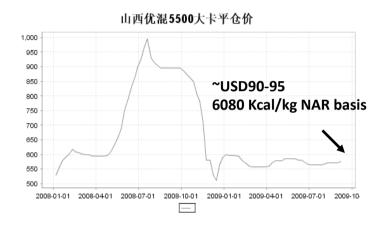
Coal is a major energy security challenge for China. At current levels of production, China's current proven reserves will run out by 2050.

Imports and Exports 2002 – 2009(e)



ENVIRONMENTAL CLEAN TECHNOLOGIES LIMITED

Qinhuangdao FOB Steam Coal Price (5500 kcal/kg NAR)



Australia BJ FOB Steam Coal Price (6080 kcal/kg NAR)



Sources: Coal Information 2009, Shenhua (中国神华)

Coldry: Strategic Markets - Focus on India

Import and Domestic Market for Coldry BCE

Challenges Facing Power Sector

Coal supply shortages affecting coal-based power

Growth in demand and the need to retire current supply. Critically low coal stock levels creating partial shut-downs.

Coal is plentiful – but of low quality

High ash content (up to 40-50%) and often low heating values. SOx and NOx issues creating environmental hazards and pollution.

Plant efficiency – extremely poor

Average efficiency of installed base of power plants is 29%, partly due to poor quality of coal.

Emissions

High costs associated with current scalable low-emissions technology and fuel sources.

Challenges Facing Coal Sector

Significant supply and demand imbalance.

Projected growth in demand for coal is significant, with the gap between coal supply and demand continuing to grow.

Increasing dependence on coal imports.

Coal imports in 2009 projected to be approx 40 MTPA and growth to over 100 MTPA by 2013. Over-reliance on imports creates new energy security risks.

Private sector parties involved in the coal sector have faced significant planning challenges.

Challenges of land acquisition and government approval resulting in less than 20% of allottees offered captive coal blocks have managed to start production.

Development to realise growth

Public and private stakeholders will need to increase investment, develop and deploy newer technologies and enhance productivity.

'Thirty-four out of 78 thermal power stations in the country have a coal stock that barely can last a week. And in 12 of them, the position is worse – the stock will suffice for less than four days.' (Business Today, 26 July 2009)



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Coldry: Strategic Markets – Focus on Indonesia

Export and Domestic Market for Coldry BCE

Leading Thermal Coal Exporter

Indonesia is the world's leader in thermal coal exports, and is an export hub for supplies to Asia (86.9%).

Thermal coal demand from China and India will continue to drive Indonesian coal production and export capacity higher.

Export Destinations in 2008

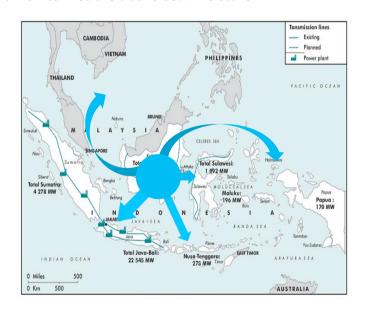
Country	Quantity (Mt)		
Japan	26.60		
Chinese Taiwan	25.96		
Korea	25.33		
India	20.67		
Hong Kong	12.65		
China	11.46		
Other Asia	25.88		
Other World	22.40		
Total Export	171.00		

Domestic vs Export Tension

Indonesia's urbanisation and economic development driving strong increase in annual power demand. To support domestic power demand the Government may limit coal exports to 150 MTPA in the future

Significant Low Value Coal Reserves

Indonesia has enormous coal resources and an estimated 15 billion tonnes are above 35% moisture.



Indonesian Coldry Domestic Production and Export Hub



Coldry: The Compelling Case

Coldry will fuel emerging markets – it supports the growing demand for energy at lower CO2 emissions than would be otherwise possible.

For both China and India strong domestic black coal demand requires increased imports. Coldry will help them more efficiently use local lignite and reduce their dependence on black coal imports.

Indonesia, the worlds second largest coal exporter and largest thermal coal exporter, suffers from exporting high-moisture resources.

Other emerging markets, such as Bangladesh, Thailand, Vietnam and the Philippines, with planned growth coal based power are expected to require significant imports of coal over the next two decades.

Clear opportunity for undeveloped lignite and sub-bituminous resources to be efficiently utilised.

Reduce coal transportation costs by shipping less water.



Coldry: The Compelling Case

Indicative Production Costs – Emerging Economies

Plant Capacity: 1 MTPA Off take

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Raw Coal Moisture Content	35%	40%	45%	50%	55%	60%	65%	70%	75%
Key Plant Parameters									
# Modules at Plant Capacity	2.86	3.48	4.10	4.73	5.35	5.97	6.59	7.21	7.83
Annual Coldry Output Per Module	349,638t	287,203t	243,687t	211,623t	187,016t	16 7, 535t	151,730t	138,650t	127,646t
Water Recovered	354 KL	467 KL	600 KL	760 KL	956 KL	1,200 KL	1,514 KL	1,933 KL	2,520 KL
Electricity Consumed per tonne	157 KWh/t	191 KWh/t	225 KWh/t	259 KWh/t	293 KWh/t	327 KWh/t	361 KWh/t	395 KWh/t	429 KWh/t
Processing Cost Breakdown									
Maintenance	\$1.17	\$1.43	\$1.68	\$1.94	\$2.19	\$2.45	\$2.70	\$2.96	\$3.21
Labour	\$0.59	\$0.59	\$0.59	\$0.59	\$0.5 9	\$0.59	\$0.59	\$0.59	\$0.59
Electricity	\$7.05	\$8.58	\$10.12	\$11.65	\$13.18	\$14.72	\$16.25	\$17.78	\$19.31
Licensing & Royalty Fees	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Processing Costs	\$13.81	\$15.60	\$17.39	\$19.17	\$20.96	\$22.75	\$24.54	\$26.32	\$28.11
Feedstock Cost Breakdown									
Feedstock Required Per Off take Tonne	1.35t	1.47t	1.60t	1.76t	1.96t	2.20t	2.51t	2.93t	3.52t
Feedstock Mining Cost	\$9.53	\$9.03	\$8.53	\$8.03	\$7.53	\$7.03	\$6.53	\$6.03	\$5.53
Feedstock Cost	\$12.90	\$13.24	\$13.65	\$14.13	\$14.73	\$15.47	\$16.42	\$17.69	\$19.47
Coldry Black Coal Equivalent Cost (\$/tonne)	\$26.71	\$28.84	\$31.03	\$33.31	\$35.69	\$38.21	\$40.96	\$44.01	\$47.58
Capital Costs (\$m)	\$58.7m	\$71.4m	\$84.2m	\$96.9m	\$109.7m	\$122.4m	\$135.2m	\$147.9m	\$160.7m
Simple Payback Period (years)	1.2	1.5	1.9	2.3	2.8	3.3	4.0	4.8	5.9
Simple Return on Investment	82.3%	64.6%	52.2%	43.0%	35.9%	30.1 %	25.2%	21.0%	17.1 %

Assumptions

Currency used is USD.

30% capital cost reduction from Australian estimate 70% labour cost reduction from Australian estimate Equity 100% to enable competitive comparison Water sales: Value to be informed by local conditions Raw coal based on indicative supply costs

Maintenance: 2% of CapEx

Labour: Significant economies of scale in larger plants

Electricity cost of USD0.045 per KWh

No Depreciation

Royalty: Standard cost per offtake tonne of USD5.00

Offtake moisture level: 12%

Offtake characteristics reflective of the dry energy value of source coal

Coldry sale price of \$ 75 /t for payback period and ROI



Coldry: The Compelling Case

Comparison of Indicative Electricity Production Costs

45% Mois	Lignite Feedstock Electricity Production Costs 45% Moisture (USD/KWh) 11.6 GJ/tonne				
Mining Cost	Mining Cost	Lignite	Coldry	Black Coal	Black Coal
(Per Tonne)	(Per GJ)	40.0000		No shipping	Incl shipping
\$6.00	\$.52 /GJ	\$0.0328	\$0.0361	\$0.0508	\$0.0579
\$8.00	\$.69 /GJ	\$0.0346	\$0.0373	\$0.0508	\$0.0579
\$10.00	\$.86 /GJ	\$0.0364	\$0.0384	\$0.0508	\$0.0579
\$12.00	\$1.03 /GJ	\$0.0382	\$0.0395	\$0.0508	\$0.0579
\$14.00	\$1.21 /GJ	\$0.0401	\$0.0407	\$0.0508	\$0.0579
\$16.00	\$1.38 /GJ	\$0.0419	\$0.0418	\$0.0508	\$0.0579
\$18.00	\$1.55 /GJ	\$0.0437	\$0.0430	\$0.0508	\$0.0579
\$20.00	\$1.72 /GJ	\$0.0455	\$0.0441	\$0.0508	\$0.0579

Assumptions

Currency used is USD

Electricity generation costs include both calculated fuel costs and Australian-based estimates of annualised capital and fixed O&M costs of black coal and lignite power generation*

Black coal power generation at 42% efficiency

Lignite power generation at 34% efficiency

Delivered black coal cost of USD75/tonne with a 24 GJ/tonne (5732 kcal/kg) calorific value

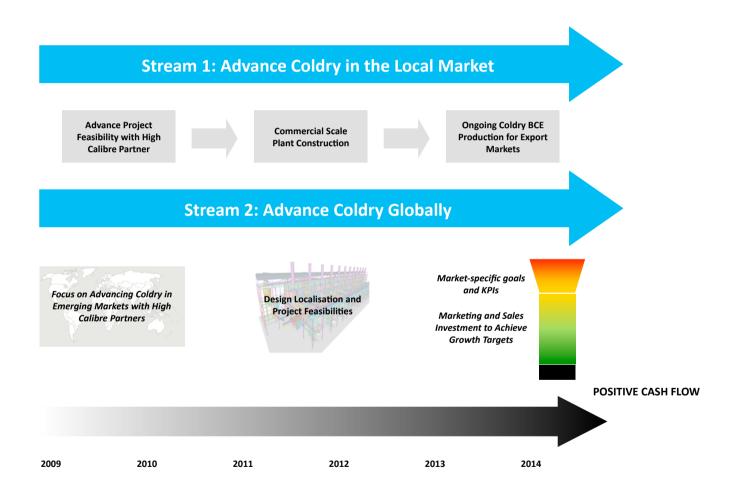
Black coal shipping cost of USD20/tonne

Coldry BCE with a 24 GJ/tonne (5732 kcal/kg) calorific value

Does not include anticipated decreased drying time (and hence better project economics) for co-located Coldry consumption Costs of carbon not included.



Coldry: Our Growth Strategy





Coldry: Advance in the Local Market

Commercialisation underpinned by commitments to Coldry Project Feasibilities.

Working vigorously with a number of qualified parties to build investment-ready Business Cases.

Parties have a keen interest in our domestic market and select global markets.

Coordination Agreement with TinCom (Vietnam): Produce Coldry from 2 MTPA to 20 MTPA over 10 years, and Produce 20 MTPA of Coldry over 50 years beyond this milestone.

Agreement provides ECT Limited with:

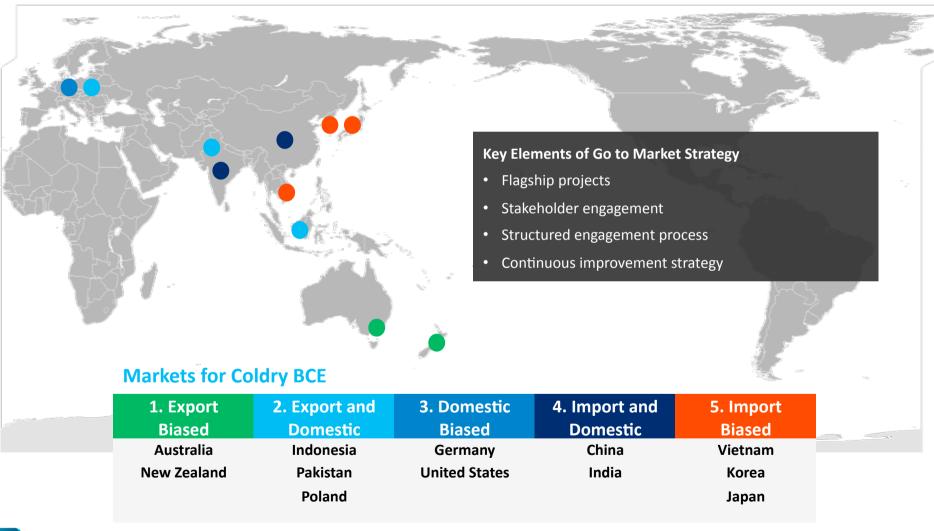
- AUD5/tonne royalty
- 10% free carry equity

Agreement provides TinCom with:

- The first right of refusal to construct and fund Coldry Plants in Victoria, Australia,
- The non-exclusive right to construct and fund Coldry Plants in other Australian states, and
- The right to purchase up to 100 MTPA of Coldry product.



Coldry: Advance Globally





Coldry: Advance Flagship Projects

Flagship Projects demonstrate technical viability and present strategically and economically compelling returns to project participants.

Typically, Flagship Projects will be linked to:

- Severe structural challenges,
- · Growing population,
- · Escalating incomes,
- · Strong demand,
- Plant proliferation,
- Accelerating exploitation of coal as a fuel source,
- Need to enhance plant performance, and
- Pressure to deliver environmentally responsible outcomes.

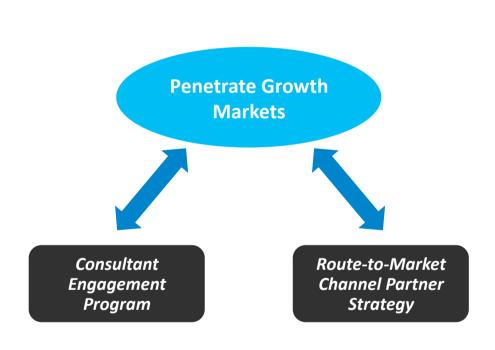
ECT will continue to work with credible partners to develop and commit to strong business cases.

Assist early movers in each growth market to gain a strong market position and a competitive advantage.



Coldry: Value Creation for Multiple Stakeholders

ECT's business model delivers value to multiple stakeholders:



Stakeholders benefitting from Coldry:

- Asset Managers
- Carbon Credit Consultants and Origination Firms
- Coal Resource Suppliers
- Coal Traders
- · Coldry Project Developers
- Community
- Constructors
- Consultants to Power Generators
- Design Engineers
- · ECT Shareholders
- Environmental Groups
- · Government and Regulators
- Operators and Infrastructure
- Owners of Power Generators
- Power Generators (As Coal Consumers)
- Power Generators (As Waste Heat Suppliers)
- Project Debt Capital Providers
- Project Equity Capital Investors
- Project Financiers and Financial Advisors

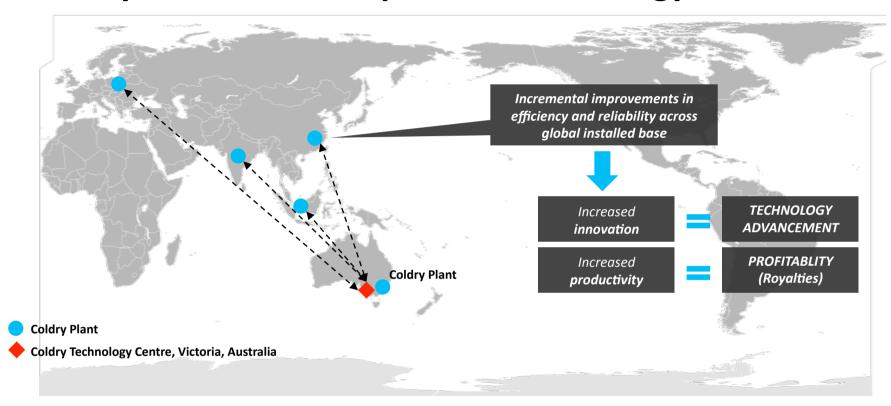


Coldry: Engagement Process

Indirect **Channel Manager Direct & Indirect Sales Manager** Licensing, Feasibility and **Fulfilment** Manager **Client Manager** ENVIRONMENTAL CLEAN TECHNOLOGIES LIMITED

Opportunity Identifie	Identification of prospective licensor / Coldry plant developer
Opportunity Screening and Pursuit	□ Selling Coldry Value Proposition □ Facilitate understanding of Coldry technology and economics □ Secure interest to test available coal resources □ Identify and test suitable coal resources □ Establish indicative production costs □ Presentation of Coldry business proposal □ Establish commitment to advance a project (LOI)
Project Conceptualis and Technology Licer Structuring 3 – 9 Months	Identify availability of critical project elements Determine scale and stages of project Licensing terms Heads of Agreement Coordination Agreement
Project Feasibility 3 - 6 Months	 Conduct Project-specific Feasibility Study Revised Project Capital Cost and Production Cost Estimate
Project Structuring 3 - 12 Months	□ Secure land rights □ Secure government and regulatory approvals □ Structure project vehicle □ Finalise supply contracts □ Finalise Off-take contracts □ Finalise Coldry licensing agreement □ Finalise EPC contract □ Determine risk allocation and guarantees (including government) □ Secure project financing □ Final Investment Decision
Construction and Commissioning 24 -36 Months	☐ Technology deployment☐ Project management☐ Plant Commissioning
Production and Asse Management	 □ Plant operations □ Plant maintenance □ Off-take logistics (if relevant) □ Ongoing regulation compliance □ Continuous Improvement

Coldry: Continuous Improvement Strategy



Technology Centre and Continuous Improvement Strategy

Strong client engagement

Production data sharing and benchmarking

Centralised service support

Ongoing R&D and design enhancement

Environmental scanning



Coldry: Sales Targets and Current Status



Potential number of Coldry plants (3 MTPA capacity) in operation to supply growth in coal based power demand in the following regions and countries:

	2010 -	2015 -	2020 -
Region and Country	Forecast	Forecast	Forecast
Asia	0	6	30
North America	0	3	11
Europe	0	2	7
Oceania	0	1	2
Grand Total	0	12	51

Matmor: In Focus

The Matmor Process

Compared to traditional blast furnace iron making, Matmor has the following benefits:

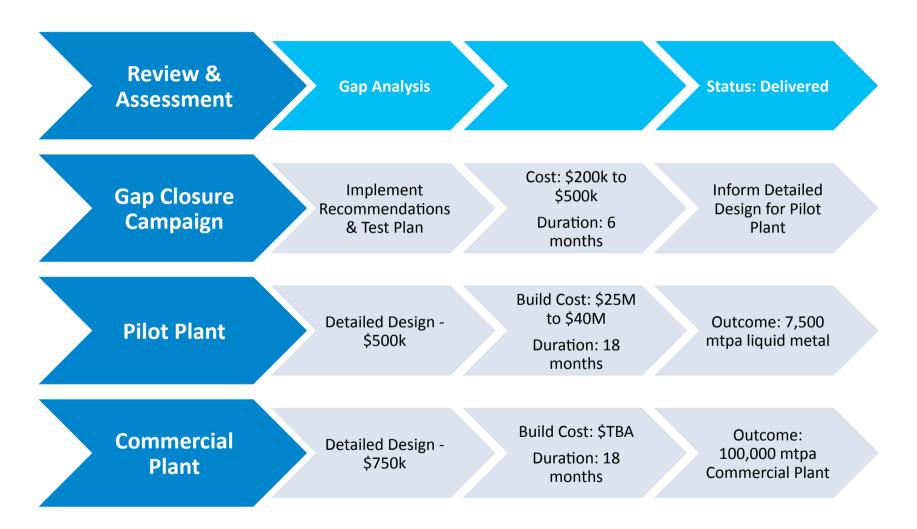
- Low cost lignite replaces expensive metallurgical coal
- Recirculation of waste gases minimises emissions
- Can reduce iron bearing waste such as mill scale and nickel tailings
- Small plant foot print
- Ideal product for foundry and steelmaking markets

Strategy for Matmor

- Review & Assessment of Current State of Development (completed)
- Identify strategic partner to advance scale up
- Scale up through incremental steps:
 - Pilot Plant
 - Commercial Plant
 - · Reassess scalability of individual plant versus modular expansion based on target market



Matmor: Next Steps





Environmental Clean Technologies Limited



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