



INTEGRATED GREEN ENERGY SOLUTIONS LTD
ANNUAL GENERAL MEETING
FRIDAY 29 NOVEMBER 2019
CHAIRMAN'S ADDRESS

Fellow Shareholders,

My name is Paul Dickson, I am the Chairman of Integrated Green Energy Solutions Ltd and it is my pleasure to welcome you to the meeting. As it is now 11.00am, the appointed time for the meeting, and I note that a quorum is present, I formally declare this meeting open.

Firstly, may I take this opportunity to introduce to you Stuart Clark, our Managing Director, and fellow Directors Mr. Bevan Dooley and Mr. David McIntosh.

Mr Kilroy Genia sends his apologies, as he is currently overseas on business and unable to attend today's meeting.

Our Company Secretary and CFO, Joshua Herbertson, is also in attendance.

First of all, I would just like to remind everyone how far we have come as a company in the past 12 months.

Whilst we acknowledge 2019 has not been without difficulties, there are now have three sites with environmental approval to operate in three separate jurisdictions – the Netherlands, the United Kingdom and Thailand.

This is significant as it not only de-risks our financing from Structured Growth Capital, which will be used to finalise the Amsterdam plant and complete both the UK and Thailand facilities, but having three operating sites also enables the Company to generate sufficient cashflow after debt repayments to fund additional debt to construct the next series of facilities planned in Asia, the US and Europe.

In Amsterdam, we now have two modules containing the Company's patented plastics to fuel technology, and the feedstock processing equipment is ready to be put in place. These items represent the key components of the backend and frontend processing for the facility. We believe this facility will be ramping up to 100 tonnes per day in the first quarter 2020.

Stuart Clark will run through the details of Amsterdam more thoroughly in his presentation, but we as a Company are proud to say we have overcome many challenges to get to this stage, where we will soon have a facility capable of producing over 35 million litres of fuel per annum. The first of many world class facilities that IGES will roll out across the globe as we aim to build a cleaner planet for the next generation.

I will now hand over to Stuart to run through the business of the meeting. The Board will take questions on general business issues at the conclusion of voting on the resolutions.

A handwritten signature in black ink, appearing to read 'Paul Dickson', is written above the printed name.

Paul Dickson
Executive Chairman

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IGE
SOLUTIONS

Together, we make it better.

Integrated Green Energy Solutions Ltd

**Annual General Meeting
29 November 2019**



Agenda

- **Opportunities**
- **Corporate Overview**
- **Amsterdam Status**
- **Next Sites**
- **Global Expansion**



Opportunities: The Global Problem of Plastic Waste

How much plastic is there?

An estimated **8.3 billion tonnes** of virgin plastic has been produced to date



As of 2015, approximately **6.3 billion tonnes** of plastic waste had been generated



Source: Science Magazine

BBC



“Sad surprise’: Amazon fish contaminated by plastic particles”

– theguardian.com, 17 November 2018

“Microplastics found in Great Barrier Reef wild-caught fish, new research reveals”

– ABC.net.au, 7 November 2018

“Microplastics found in 90 percent of table salt”

– nationalgeographic.com, 17 October 2018

“More plastic than fish in the oceans by 2050, report warns”

– ABC.net.au, 21 January 2016

“Is Waste Plastic the Fuel of the Future?”

– BBC.com, 15 September 2018

Opportunities: More Stats

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80% of plastic is now in landfill or the natural environment

Some plastic takes upwards of **450 years** to degrade

PLASTIC POLLUTION

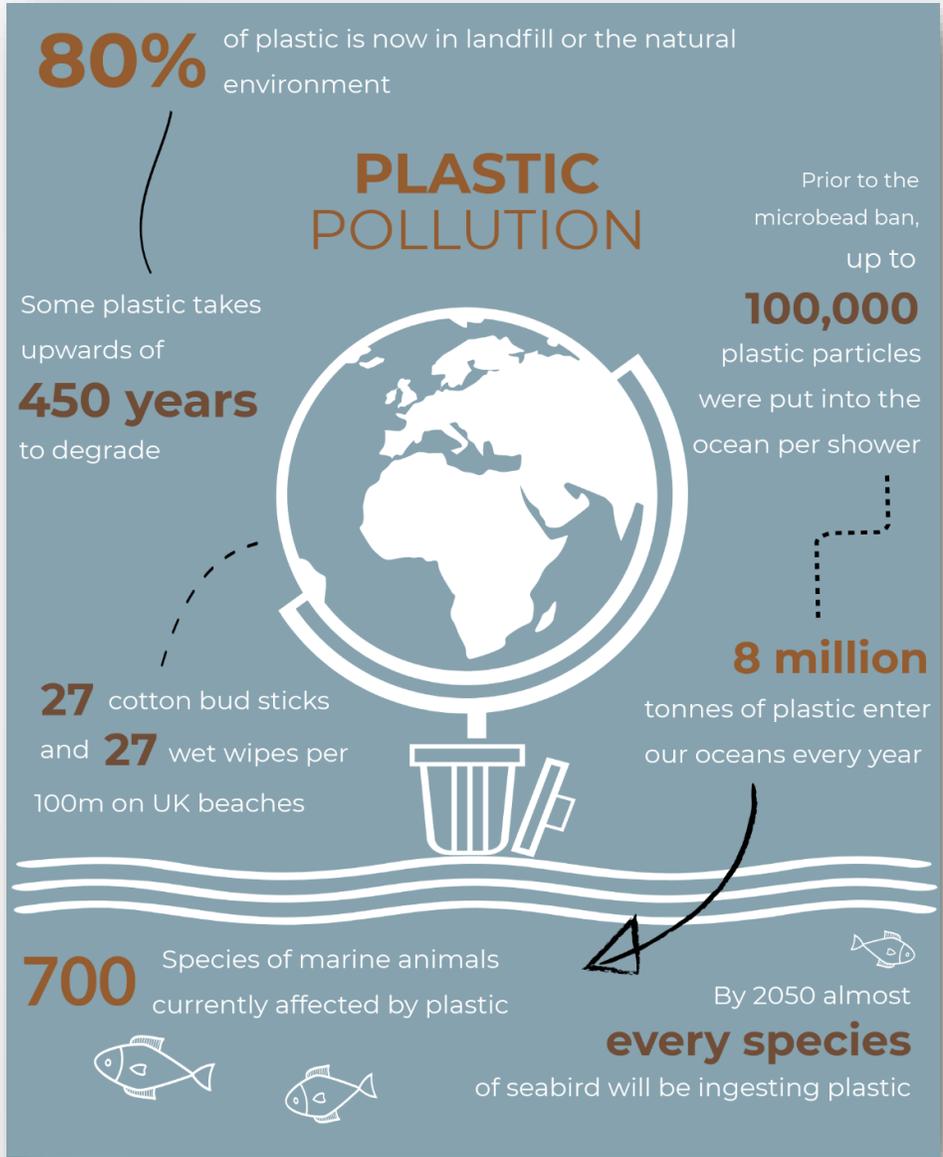
Prior to the microbead ban, up to **100,000** plastic particles were put into the ocean per shower

8 million tonnes of plastic enter our oceans every year

27 cotton bud sticks and **27** wet wipes per 100m on UK beaches

700 Species of marine animals currently affected by plastic

By 2050 almost **every species** of seabird will be ingesting plastic



8 statistics on plastic pollution

- 13 million** tons of plastic leak into our oceans annually.
- 500 billion** disposable plastic bags are used worldwide each year.
- 50 percent** of consumer plastics are single use.
- 83 percent** of tap water has been found to contain plastic particles.



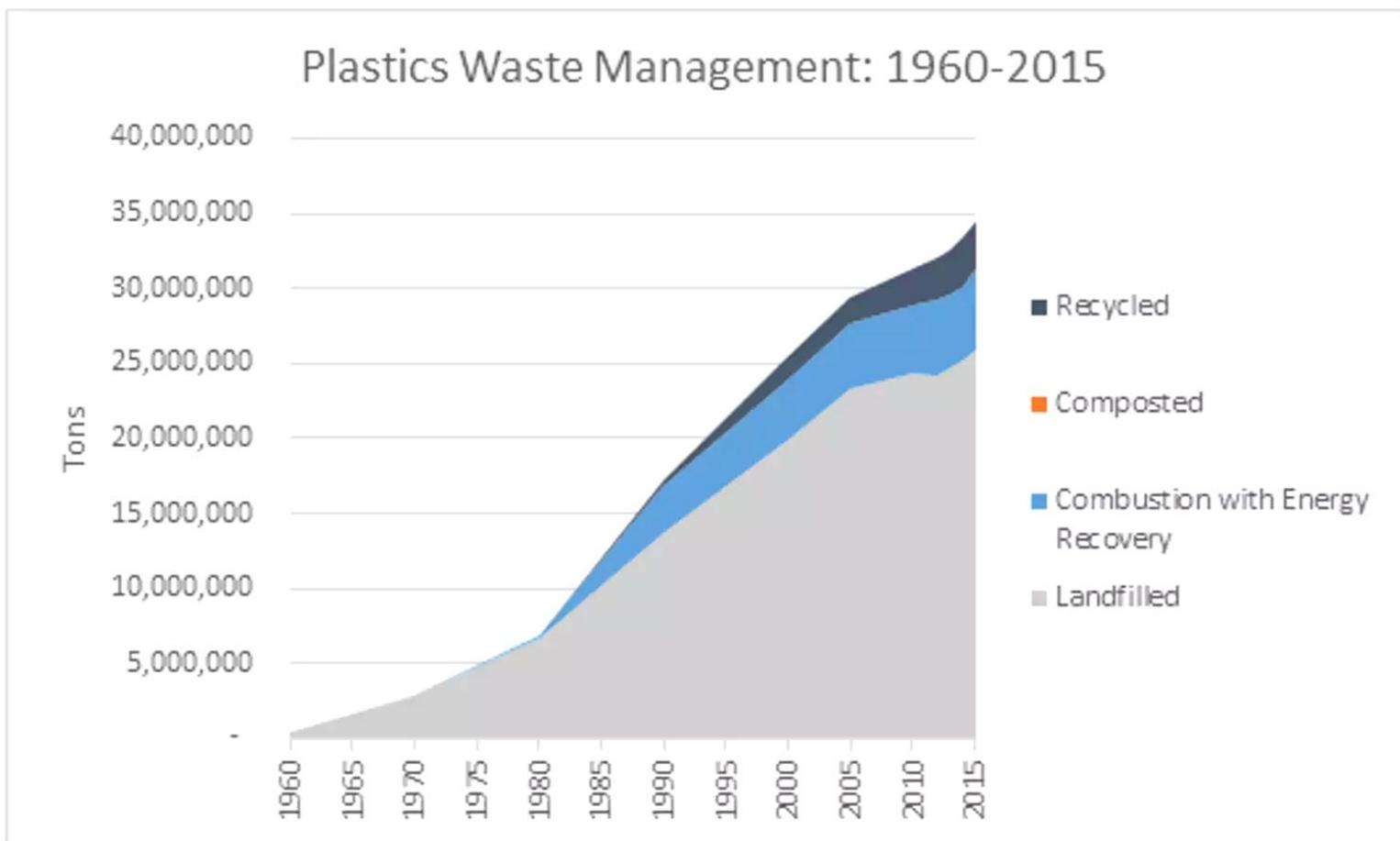
- 100,000** marine animals are killed by plastics each year.
- One million** plastic bottles are purchased every minute.
- 100 years** is how long it takes for plastic to degrade in the environment.
- 17 million** barrels of oil are used on plastic production annually.

Source: UN Environment



Opportunities: Plastic Waste Management

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Over 70 percent of U.S. plastic waste goes to landfills. USEPA

Less than 10 percent of discarded plastics entered the recycling stream in the United States in 2015, compared with 39.1 percent in the European Union and 22 percent in China.

Another 15 percent of U.S. plastic waste is burned in waste-to-energy facilities. The remaining 75 percent goes to landfills. These figures do not include any dumping or illegal disposal.

Source: Environmental Protection Agency, "Advancing Sustainable Materials Management: Facts and Figures," June 2015.

Definition of recycling



Global Definition of Plastics Recyclability

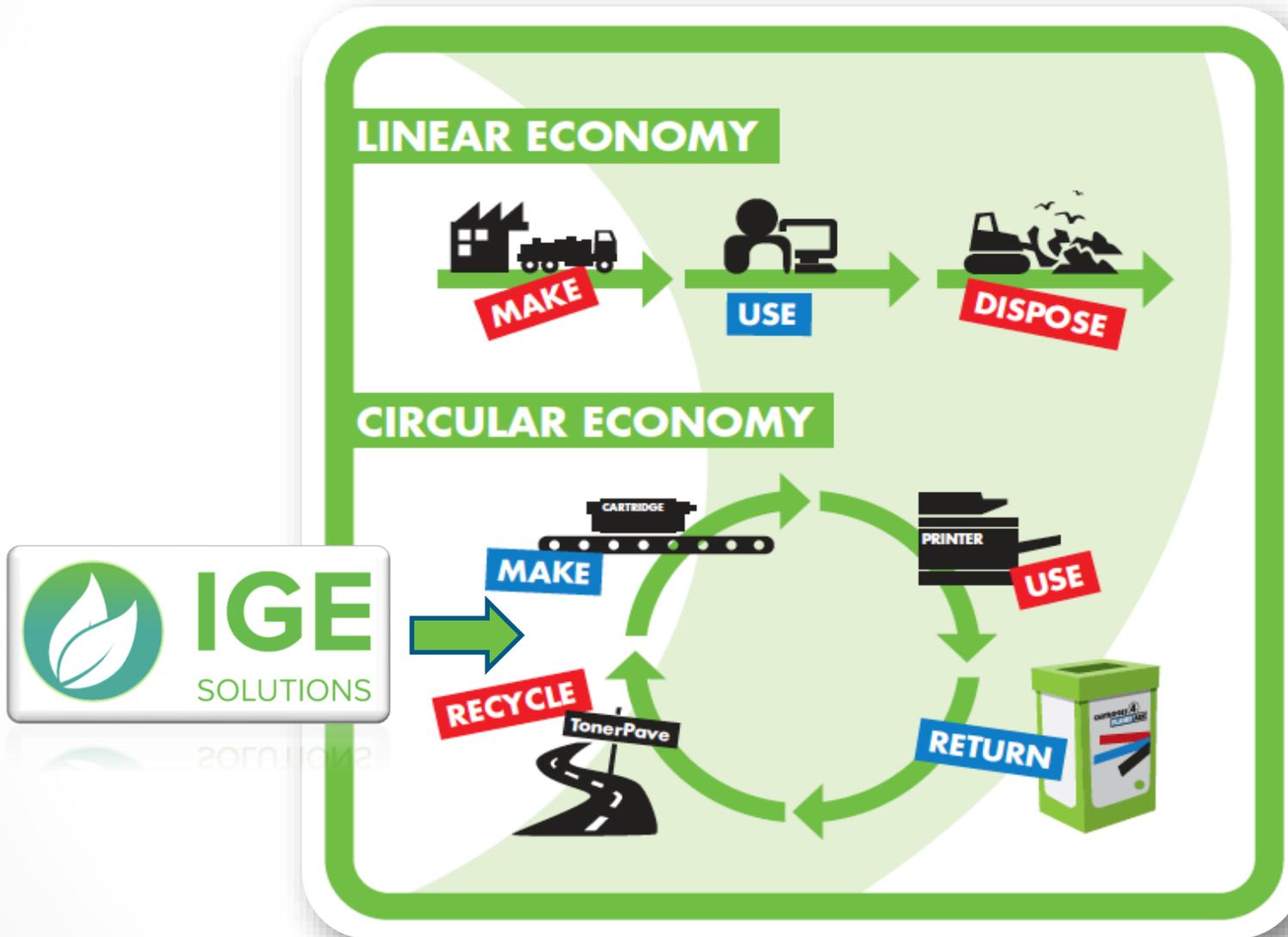
To guide the efforts of sustainability for plastics in the Circular Economy, two of international recycling organisations have developed a global definition governing the use of the term “recyclable”

Plastics must meet four conditions for a product to be considered recyclable:

1. The product must be made with a plastic that is collected for recycling, has market value and/or is supported by a legislatively mandated program
2. The product must be sorted and aggregated into defined streams for recycling processes
3. The product can be processed and reclaimed/recycled with commercial recycling processes
- 4. The recycled plastic becomes a raw material that is used in the production of new products.**

Opportunities: The Circular Economy

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Opportunities: What Sets Us Apart?

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1

Road ready fuel meeting EN590/EN228 standards



Patented technology

No blending and further refining required, lowering costs, increasing efficiency

2

High volumes, wide range of unrecyclable plastic



Each module processes 50 metric tonnes/day

More than twice as much output compared to others

3

Continuous process, closed system



Innovative process incorporates scrubbing, fractionation and impurity extraction

6 times less expensive



Corporate Overview

IGES is focused on creating a cleaner planet for the next generation through the conversion of end of life plastic into valuable fuels

- ◆ Pioneering a new industry with best in class technology for chemical recycling.
- ◆ Patented plastic to fuels technology owned by IGES that results in a range of fuels and products, including EN590 (Road Ready Diesel), EN228 (Road Ready Petrol), Naphtha, Marine fuel and Marine Diesel Oil (MDO).
- ◆ Deliver commercially profitable returns, puts a value on end of life plastic to bring value to shareholders in the value chain.
- ◆ Build economically sustainable and mutually beneficial relationships with our customers, partners and community where we do business
- ◆ The world leader in enabling communities to convert end of life plastic into road ready fuel to reduce landfill and ocean pollution

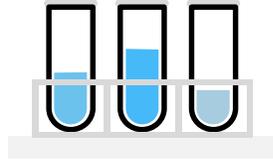
Our Mission



- ◆ **To create a cleaner planet for the next generation through the removal from the environment of all harmful end-of-life plastics that would otherwise go to land-fill or pollute our landscape and waterways by converting the plastic to a valuable resource.**
- ◆ **To develop sustainable and renewable energy sources that can be used to support our lifestyles whilst protecting the future environment on our planet.**
- ◆ **To build a bridge between commerce, governments, families and environmentalists via practical, commercial, environmentally positive solutions.**



Corporate Overview: Who We Are



R&D Tech Company

- ◆ Proven and patented 5th generation technology to convert plastic to high quality, high yield road ready fuel with lowest emission profile
 - ◆ EN590 (road ready diesel)
 - ◆ EN228 (road ready petrol)
 - ◆ Naphtha
 - ◆ Marine fuel and marine diesel oil (MDO)
- ◆ Development of biomass to energy, biomass to liquid fuels technologies
- ◆ Development and commercialization of complementary disruptive technologies
- ◆ Develop other disruptive technologies



Global Presence

- ◆ Publicly listed (ASX: IGE)
- ◆ Established since 1988
- ◆ HQ & R&D center: Singapore
- ◆ Present in 12 locations globally across Asia Pacific, Europe and Americas.



Good Neighbour

- Build economically sustainable and mutually beneficial relationships with our customers, partners and community where we do business**
- ◆ Solution for global plastic waste problem to reduce landfill
 - ◆ Reduce carbon footprint
 - ◆ Reduce reliance on import of fossil fuels
 - ◆ Stimulate local economy by creating jobs, improve infrastructure
 - ◆ Bring value to shareholders with highly profitable model- low input costs and high value output
 - ◆ Reduce operating costs for commercial partners

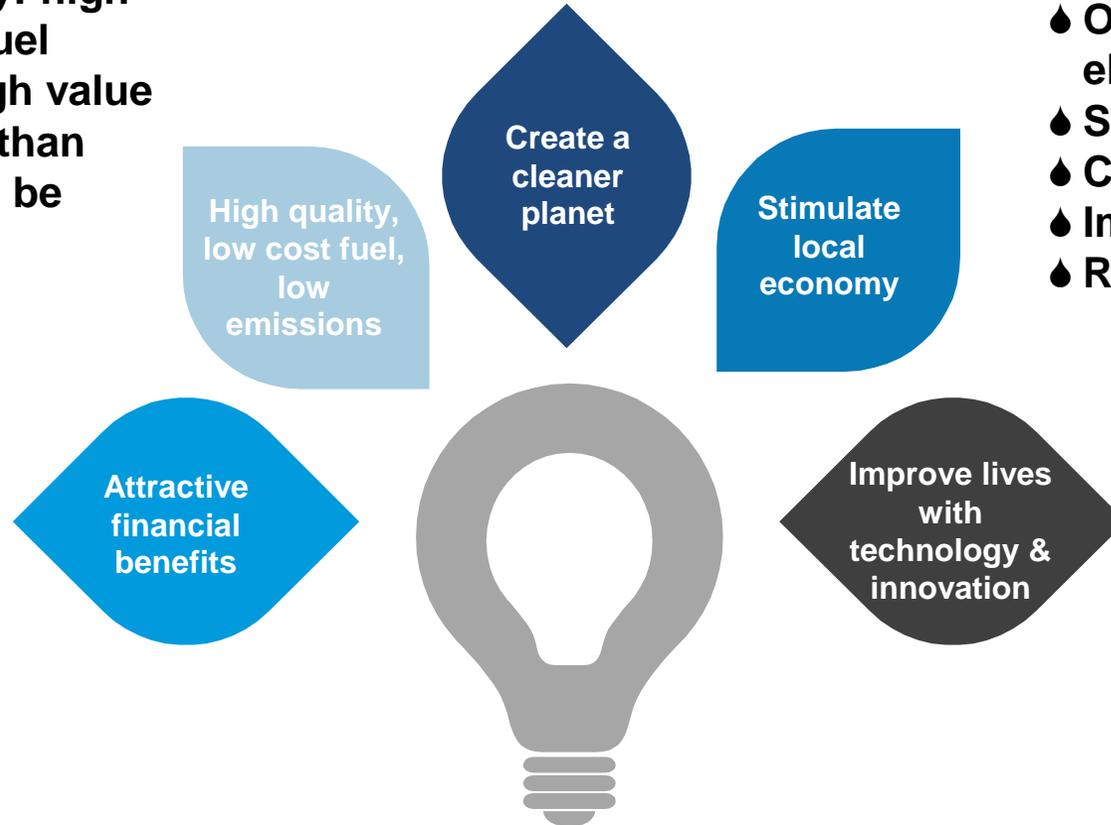
Corporate Overview: What We Do

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- ◆ Patented technology: high quality road ready fuel
- ◆ Low input costs, high value
- ◆ Offers higher value than crude oil that has to be refined

- ◆ Reduce landfill
- ◆ Reduce exploitation of fossil fuel resources
- ◆ 38% reduced carbon footprint
- ◆ Recycle

- ◆ Offer sustainable solution to eliminate waste pollution
- ◆ Support local suppliers
- ◆ Create jobs
- ◆ Improve local infrastructure
- ◆ Reduce reliance on fuel imports



- ◆ Creator of valuable intellectual property
- ◆ Proven technology blended with new patents offers immense value, transforming the industry and society for the better

- ◆ High investment in R&D to continuously innovate to explore disruptive technologies
- ◆ Create a new market and value network
- ◆ Develop opportunities to make life better

Drive real world progress and change, making it better.

Corporate Overview: How We do It

Step 1



Collect Waste Plastic

Feedstock supplied in bales weighing 500kg.

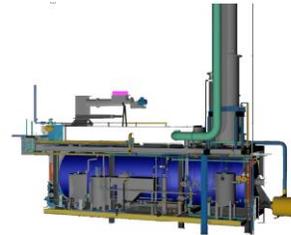
2



Shredding/ Mixing

Removal of unwanted plastics (PVC, PTFE). Generate pieces less than 20 mm in size, densified and stored prior to processing

3



Patented Technology

Depolymerisation, scrubbing and impurity extraction

4



End Product

Road ready diesel, gasoline and LPG, meeting EN590 and EN228, Naptha & fuel quality standards



Using IGE's patented end of life plastics to fuel technology (EOLPTF), the facility:

- Processes up to 200 tonnes of waste plastic a day,
- Produces 70 million litres of road ready fuel annually
- Reduced carbon footprint of 38% as compared to conventional diesel
- Low emissions

“ In the business world
the rear view mirror is
always clearer than the
windshield

Warren Buffett

”

The Amsterdam Journey

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Date	ASX Update
26 Nov 2019	<p>CA provides an approval to proceed with commissioning and ramp up, subject to a caveat of further protections and subsequent testings</p> <p>Board concludes that :</p> <ul style="list-style-type: none">✓ Based on the specific CA requirements, production of even small amounts of fuel using temporary measures during commissioning would require the investment of significant unrecoverable time and monies.✓ The quickest and safest path to significant positive operating cashflow and to gain the maximum benefit of a stream-line commissioning phase is to by-pass the production of small-scale fuel volumes. <p>The extent of the CA restrictions on small-scale fuel production during the testing phase were not anticipated by SGC and IGE.</p> <p>Based on the above:</p> <ul style="list-style-type: none">✓ SGC and IGE agree a revised project plan focused on the complete construction & 100 TPD 3-month ramp-up✓ SGC did not authorise IGE Nov expenditures and the international transfers were temporarily suspended.✓ Cleared funds were not available for payments in November.✓ SGC confirmed a funding schedule to commence in December, 2019 with all international transfers reinstated.

The Amsterdam Journey

Date	ASX Update
7 Jun 2017	SGC Loan Agreement (identified as a key commercial agreement in 2017 prospectus)
29 Jan 2018	Reinstated to official quotation
30 Jan 2018	Purchase of Amsterdam entity (Bin 2 Barrel Amsterdam BV) with environmental approval to construct and operate
14 Nov 2018	Initial funding draw-downs of US\$10 million commence. (This is verified by the 4C cash-flow report to June 2019 showing loan proceeds of AUD14.18M. Further, on 14 June 2019 it is clarified that the draw-downs in the year to June 2019 were bridging funds, separate from SGC.)

The Amsterdam Journey

Date	ASX Update
22 Jan 2019	First 50 TPD module leaves Australia, due in Amsterdam in March
31 Jan 2019	Dec Qtly Report: <ul style="list-style-type: none">✓ Concrete and foundations laid;✓ Initial loan funding for site occurred in Dec qtr;✓ Issue of loan repayment requiring an operational plant communicated
19 Feb 2019	Weather delays communicated Delay in finalisation of concrete slab Update on progress with electricals, civils and training Fuel production requires CA sign off before operations can commence

The Amsterdam Journey

Date	ASX Update
26 Feb 2019	Finalisation of concrete slab one month away (needs to cure for 4 weeks)
28 Feb 2019	<p>Steps Complete on path to installing first 50 TPD module:</p> <ul style="list-style-type: none">✓ Piling and installation of foundation✓ Concrete beams with reinforced trenches filled with concrete✓ Excavation work around pile tops✓ Tank pit foundation✓ Electrical switch-room✓ Module construction <p>Draw-downs of loan funding commenced</p> <p>Discussed deferral and minimisation of funding to link repayment of debt with plant being operational.</p> <p>“That is, we have looked to minimise debt drawdowns in order to minimise our liabilities as activities ramp up.”</p>

The Amsterdam Journey

Date	ASX Update
22 Mar 2019	Confirmed permit in place but still required to work with CA to determine precise operational policies and procedures. Construction of 2nd module ongoing Expect cold and hot commissioning in August 19 Expect ramp up to full capacity by Nov 19
29 Mar 2019	Thailand 200 tpd project approved by Thailand Board of Investment (BOI)
8 Apr 2019	1st 50 TPD module arrived in Amsterdam late March 2nd 50TPD module expected to arrive in June
24 Apr 2019	Hot and cold testing planned in 6 weeks for 1st 50 TPD module in advance of commissioning 2nd 50 TPD module still under construction and to arrive in Amsterdam in July Permit in place but Operating conditions yet to be approved by CA. Formal submission due 26 April Commissioning in 2 stages: 1 stage per module

The Amsterdam Journey

Date	ASX Update
30 Apr 2019	Cold and hot testing in 6 weeks as a precursor to commissioning 2 nd module to arrive in Amsterdam in July
2 May 2019	Shortlisted World Ports Sustainability Award 2 nd module to arrive in Amsterdam in July with immediate installation Formal submission regarding operating conditions submitted to CA (following discussions) Response to submission expected from CA in 4 weeks
16 May 2019	Win World Ports Sustainability Award

The Amsterdam Journey

Date	ASX Update
14 Jun 2019	<p>Both Amsterdam and Northampton progressed so announce SGC draw-down in 30 days</p> <p>Draw down process initiated in April 2019</p> <p>Funding schedule expected in 7 days</p> <p>Previously relied on bridging finance (as referred in to 14 Nov 18 announcement)</p> <p>Deferment of SGC fund utilisation achieved via:</p> <ul style="list-style-type: none">✓ bridging finance;✓ careful construction planning; and✓ negotiation with business partners.

The Amsterdam Journey

Date	ASX Update
12 Jul 2019	2nd 50TPD module due to be installed in 2 weeks Access roads being prepared Recruitment well progressed Delivery dates confirmed Plan to ramp up to 100 TPD in Nov 19 SGC loan terms summarised: draw-down USD 10m per month over 9 months. 8.5% interest Company positioned to service debt based on permits for Thailand & Northampton and Amsterdam progress Brian Engel states bi-monthly draw-downs to commence 7 August 2019

The Amsterdam Journey

Date	ASX Update
31 Jul 2019	2nd 50TPD module has arrived in Amsterdam and is scheduled to be installed Delivery dates with builders and major suppliers confirmed Production expected November 2019 Recap on loan terms related to SGC agreement dated 7 June 2017
2 Aug 2019	Rabobank loan specific to operations of Amsterdam SGC loan renegotiated so that: ✓ No longer restricted to UK ✓ Transferred to Singapore First draw-down deferred from August until September Brian Engel refers to “broader scope” and “best possible platform to service the loan and provide the maximum return to shareholders”

The Amsterdam Journey

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Date	ASX Update
30 Aug 2019	<p>Recap on construction status</p> <p>Front end processing equipment ready for installation and stored off-site</p> <p>Ongoing work with CA to ensure policies and procedures in place and that CE Mark certification is complete</p> <p>3 phases to reach 100 TPD in March 2020:</p> <ul style="list-style-type: none"> ✓ 1st phase 5000 litres of fuel 27 November ✓ 2nd phase refinements and reporting on testing results to relevant authorities and sale of fuel produced in 1st phase ✓ 3rd phase ramp up to 100TPD with full scale operation 11 March 2020 <p>1st phase dependent on:</p> <ul style="list-style-type: none"> ✓ Commissioning/testing plan approval from CA ✓ Final authorisation on: <ul style="list-style-type: none"> ○ all operation manuals; ○ CE marks; and ○ safety procedures. ✓ Resolving steel delivery lead time issues <p>Prior to phase 1, the 2nd 50TPD module is expected to moved from storage to site</p>

The Amsterdam Journey

Date	ASX Update
6 Sep 2019	SGC funding package submitted and accepted as complete International transfers of funds will be complete in September 2019 Brian Engel: “Still on track to commence funding in September 2019”

The Amsterdam Journey

Date	ASX Update
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1 Oct 2019

Following completion of funding package, SGC attended Amsterdam site late Sept to:

- ✓ Undertake an audit of the funding package components
- ✓ Review status of site work
- ✓ Confirm project schedule
- ✓ Meet with management
- ✓ Meet with suppliers

Areas reviewed included:

- ADR- safe road transport of goods
- CE Marking-safety compliance required for all machinery
- ATEX directive-regarding potentially explosive materials and conditions
- PED- As required under the Pressure Equipment Directives (1999)
- Waste Directive- As approved by the Dutch Competent Authority
- Restricted site access-CCTV terrain and process
- Central control room procedures
- Permit to work system
- Hazard and Operability Study (HAZOP)
- Risk Inventory and Evaluation (RI&E)
- Fire detection and repression

SGC conclusion: “Based on the detailed information gathered during my site inspection, it is anticipated that the final necessary compliance measures to satisfy SGC’s due diligence checklist will be completed by 16 October 2019. At this juncture, there will be a 14-day window to release funds to IGES and therefore the initial SGC loan funds are expected to reach the IGES bank account on 30 October 2019.”

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The Amsterdam Journey

Date	ASX Update
23 Oct 2019	<p>Amsterdam permit revisions approved allowing extended storage and expanded foot-print</p> <p>Formal submission of commissioning plan to CA</p> <p>Approval to proceed with commissioning and ramp up is under review by CA</p> <p>When approval is given the market will be updated</p> <p>Following approval and commissioning it will be 3 month ramp up to reach 100 TPD</p> <p>SGC requires the commissioning and ramp up approval by CA to satisfy the SGC due diligence</p>

The Amsterdam Journey

Date	ASX Update
26 Nov 2019	<p>CA provides an approval to proceed with commissioning and ramp up, subject to a caveat of further protections and subsequent testings</p> <p>Board concludes that :</p> <ul style="list-style-type: none">✓ Based on the specific CA requirements, production of even small amounts of fuel using temporary measures during commissioning would require the investment of significant unrecoverable time and monies.✓ The quickest and safest path to significant positive operating cashflow and to gain the maximum benefit of a stream-line commissioning phase is to by-pass the production of small-scale fuel volumes. <p>The extent of the CA restrictions on small-scale fuel production during the testing phase were not anticipated by SGC and IGE.</p> <p>Based on the above:</p> <ul style="list-style-type: none">✓ SGC and IGE agree a revised project plan focused on the complete construction & 100 TPD 3-month ramp-up✓ SGC did not authorise IGE Nov expenditures and the international transfers were temporarily suspended.✓ Cleared funds were not available for payments in November.✓ SGC confirmed a funding schedule to commence in December, 2019 with all international transfers reinstated.

“

No matter how great the talent or efforts, some things just take time

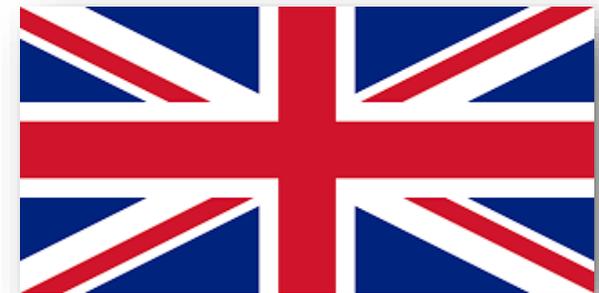
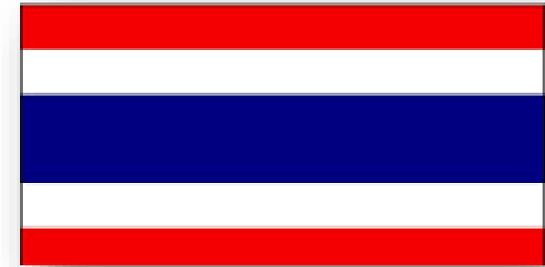
Warren Buffett

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Next Sites

ENVIRONMENTAL APPROVALS

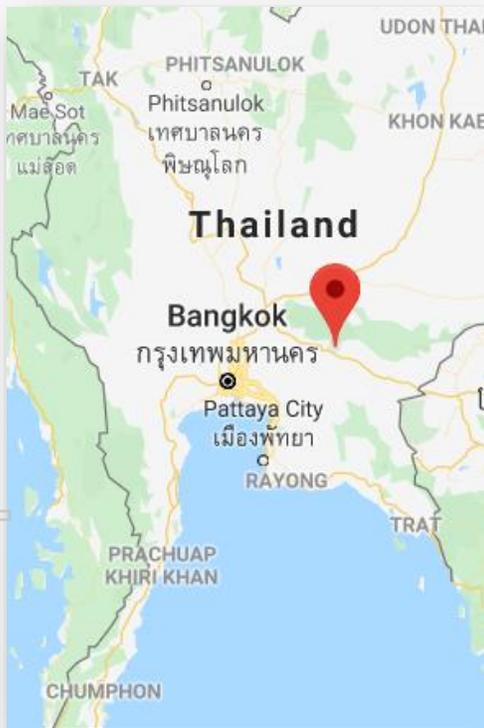
- **Prachinburi, Thailand**
 - ✓ 200 tpd initially
 - ✓ Design process underway
 - ✓ Term sheet with IRC (10%)
- **Northampton, UK**
 - ✓ 200 tpd
 - ✓ Design process underway
 - ✓ 100% ownership



Next Sites

Thailand STATUS

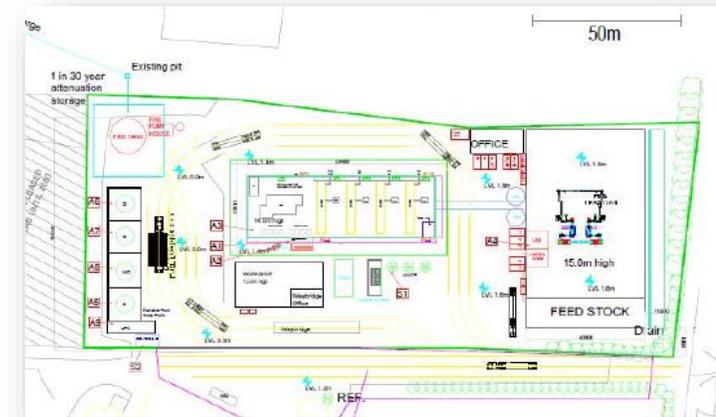
- **Permit approved**
- **Thai company incorporated**
- **IGE has 90% ownership**
- **Project approved by BOI**
- **Settle on land Dec 2019**
- **IRC will supply feedstock**
- **IRC assist with local suppliers**
- **IRC assist with local government**
- **Commence site works Q1 2020**
- **200TPD: Q4 2020**



Next Sites

UK STATUS

- Permit approved
- UK company incorporated
- IGE has 100% ownership
- Project approved by EA
- Settle on land Dec 2019
- RECYK will supply feedstock
- Commence site works Q1 2020
- 200TPD: Q4 2020



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Global Expansion

1

Expansion

By end of 2022:
7 standard plants running in
UK, US, Europe, Aust & Asia

7 standard plants in
construction/ ramp-up mode in
UK, US, Europe and Asia

7 standard plants in
development in US, Europe &
China

2

R&D Investment

Significant investment to
develop next generation of
plastics to fuel technology:

- ◆ Single module to process
up to 500 tonnes/day
- ◆ Tighter control over
hydrocarbon range
produced
- ◆ Easier to operate

3

Other Opportunities

Commercialization trials for
biomass energy

- ◆ Biomass to Fuel
- ◆ Biomass to energy/power

Global Expansion: Current Footprint

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International Partnerships: Europe:

Integrated Green Energy Amsterdam B.V.
 Petroleumhavenweg 1C, 1041 AB Amsterdam
 Netherlands

IGE Spain
 30320 Fuente Alamo, Murcia

Asia Pacific:

Beautiful China Holdings Co Ltd
 Weifang, Shandong Province
 China

IGE Hong Kong
 Telford Envirotech Group Ltd
 EcoPark, Hong Kong

IGE Thailand
 Thatoom, Srimahaphote Prachinburi,
 Thailand

Circular Power
 Victoria
 Australia

Americas:

Integrated Green Partners, LLC
 GEP Fuel & Energy, LLC
 Camden, Indiana
 USA

Colgate Paper Stock Co, Inc
 New Jersey
 USA

Global Corporate Office, Research & Development Center
 Integrated Green Energy Solutions Pte Ltd
 Level 02, Unit 13/14/16A,
 10 Raeburn Park, Singapore 088702

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 Chatswood NSW 2067 Australia
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Integrated Green Energy UK Limited
 Northampton, United Kingdom
 Upper Higham Lane, Rushden Northants, UK

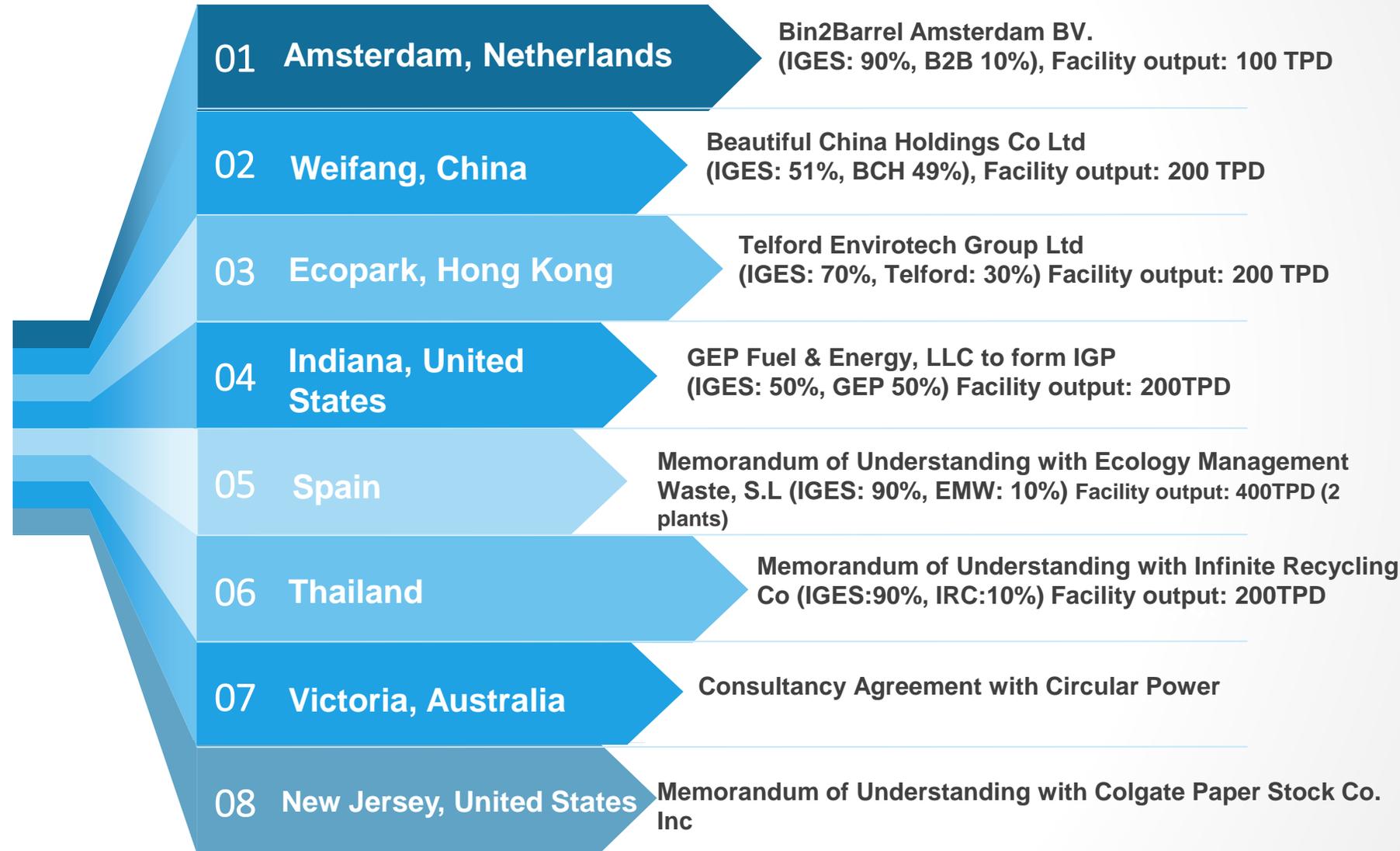
Integrated Green Energy UK Limited
 Grimsby, United Kingdom
 Humber Gate, Great Coates

Email: info@igesolutions.org

Email: info@igesolutions.org

Global Expansion: International Partnerships

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International Rollout: Consolidated Forecast

IGES International Rollout Consolidated Forecast

Site	Location	Funding Required for Construction and Ramp Up (\$millions)	Target (tonnes per day)	Megaliters Produced at Full Capacity	Expected Employees	Salaries & Consultancy Fees (\$millions)
1	Amsterdam, Netherlands	\$83	400	140	67	\$7
2	Prachinburi, Thailand	\$83	400	140	67	\$6
3	Northampton, UK	\$46	200	70	51	\$4
4	Grimsby, UK	\$83	400	140	67	\$6
5	Eco Park, Hong Kong	\$46	200	70	51	\$4
6	Shandong, China	\$83	400	140	67	\$6
7	Connah's Quay, UK	\$83	400	140	67	\$6
8	Victoria, Australia	\$46	200	70	51	\$4
9	Ghent, Belgium	\$83	400	140	67	\$6
10	Billingham, UK	\$83	400	140	67	\$6
11	Tri-State, USA	\$46	200	70	51	\$4
12	Fuente Álamo Technology Park, Spain	\$83	400	140	67	\$6
13	Alhendin, Spain	\$83	400	140	67	\$6
14	Cianjur, Indonesia	\$83	400	140	67	\$6
15	Tournan-en-Brie, France	\$83	400	140	67	\$6
16	Santa Maria, Philippines	\$83	400	140	67	\$6
17	Gauteng, South Africa	\$83	400	140	67	\$6
18	Binh Duong, Vietnam	\$83	400	140	67	\$6
19	Balok, Malaysia	\$83	400	140	67	\$6
20	Marl, Germany	\$83	400	140	67	\$6
Totals		\$1,512	7,200	2,520	1,276	\$113

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“ Opportunities come infrequently. When it rains gold, put out the bucket, not the thimble. ”

Warren Buffett