Application for Planning Permission.
Town and Country Planning Act 1990

Publication of applications on planning authority websites.
Please note that the information provided on this application form and in supporting documents may be published on the Authority’s website. If you require any further clarification, please contact the Authority’s planning department.

1. Applicant Name, Address and Contact Details

Title: Mr
First Name: Nick
Surname: Mason

Company name: Energy Roots Ltd
Street address: Upper Higham Lane
Town/City: RUSHDEN
Country: 
Postcode: NN10 0SU

Telephone number: 
Mobile number: 
Fax number: 
Email address: 

Are you an agent acting on behalf of the applicant? 
○ Yes ○ No

2. Agent Name, Address and Contact Details

Title: Mr
First Name: Victor
Surname: Buchanan

Company name: Dallol Energy Ltd
Street address: White Swan Yard, Market Place
Town/City: Pickering
Country: 
Postcode: YO18 7AA

Telephone number: 07876351466
Mobile number: 
Fax number: 
Email address: victor.buchanan@dallol.co.uk

3. Description of the Proposal

Please describe the proposed development including any change of use:

Proposal to build a Plastic Recycling/Recovery Facility involving the conversion of waste plastic by pyrolysis into diesel, petrol and liquid petroleum gas. Waste plastics will pre-treated off-site and arrive as cleaned segregated feedstock. The feedstock will be processed back into a ‘crude’ state before being refined into various specification of high-quality liquids for road-fuel use. In practice these liquids will be blended elsewhere into standard road fuel and be finally sold through traditional road fuel outlets. An amount of Liquid Petroleum Gas (LPG) will also be created and used on-site in standard gas boilers in order to provide renewable energy for the plant.

Has the building, work or change of use already started? 
○ Yes ○ No
### 4. Site Address Details

<table>
<thead>
<tr>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>House</strong>:</td>
</tr>
<tr>
<td><strong>Suffix</strong>:</td>
</tr>
<tr>
<td><strong>House name</strong>:</td>
</tr>
<tr>
<td><strong>Street address</strong>: Upper Higham Lane</td>
</tr>
<tr>
<td><strong>Town/City</strong>: RUSHDEN</td>
</tr>
<tr>
<td><strong>Postcode</strong>: NN10 0SU</td>
</tr>
</tbody>
</table>

**Description of location or a grid reference (must be completed if postcode is not known):**

<table>
<thead>
<tr>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Easting</strong>: 498897</td>
</tr>
<tr>
<td><strong>Northing</strong>: 267329</td>
</tr>
</tbody>
</table>

### 5. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?  

- [ ] Yes  
- [x] No

If Yes, please complete the following information about the advice you were given (this will help the authority to deal with this application more efficiently):

- **Officer name:**
- **Title:** Mr
- **First name:** Phil
- **Surname:** Watson
- **Reference:**
- **Date (DD/MM/YYYY):** (Must be pre-application submission)
- **Details of the pre-application advice received:**

### 6. Pedestrian and Vehicle Access, Roads and Rights of Way

<table>
<thead>
<tr>
<th>Description:</th>
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<tbody>
<tr>
<td><strong>Is a new or altered vehicle access proposed to or from the public highway?</strong></td>
</tr>
<tr>
<td><strong>Is a new or altered pedestrian access proposed to or from the public highway?</strong></td>
</tr>
<tr>
<td><strong>Are there any new public roads to be provided within the site?</strong></td>
</tr>
<tr>
<td><strong>Are there any new public rights of way to be provided within or adjacent to the site?</strong></td>
</tr>
<tr>
<td><strong>Do the proposals require any diversions/extinguishments and/or creation of rights of way?</strong></td>
</tr>
</tbody>
</table>

- [ ] Yes  
- [x] No

### 7. Waste Storage and Collection

<table>
<thead>
<tr>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Do the plans incorporate areas to store and aid the collection of waste?</strong></td>
</tr>
<tr>
<td><strong>Have arrangements been made for the separate storage and collection of recyclable waste?</strong></td>
</tr>
</tbody>
</table>

- [ ] Yes  
- [x] No

If Yes, please provide details:

- General refuse will be stored in wheelie bins
- Any waste from the plant will be stored in covered and sealed specialised bins

If Yes, please provide details:
7. Waste Storage and Collection

Multi-bin system for general waste

8. Authority Employee/Member

With respect to the Authority, I am:
(a) a member of staff
(b) an elected member
(c) related to a member of staff
(d) related to an elected member

Do any of these statements apply to you?  ☐ Yes  ☐ No

9. Materials

Please state what materials (including type, colour and name) are to be used externally (if applicable):

**Boundary Treatments - description:**
Description of existing materials and finishes:
Mixture of steel netting and wooden post and rail

Description of proposed materials and finishes:
Mixture of steel netting and wooden post and rail

**Doors - description:**
Description of existing materials and finishes:
None

Description of proposed materials and finishes:
Industrial self coloured roller-shutters and pedestrian access doors.

**Lighting - description:**
Description of existing materials and finishes:
Standard industrial lighting

Description of proposed materials and finishes:
Low Energy Industrial Lighting - as defined by the lighting plan

**Roof - description:**
Description of existing materials and finishes:
Farmboard Cladding

Description of proposed materials and finishes:
Self-coloured, insulated metal sheet cladding

**Vehicle Access - description:**
Description of existing materials and finishes:
Concrete pads

Description of proposed materials and finishes:
Concrete pads

**Walls - description:**
Description of existing materials and finishes:
Farmboard cladding

Description of proposed materials and finishes:
Self-coloured metal sheet cladding

**Windows - description:**
Description of existing materials and finishes:
None

Description of proposed materials and finishes:
Industrial self coloured roller-shutters and pedestrian access doors.

Are you supplying additional information on submitted plan(s)/drawing(s)/design and access statement?  ☐ Yes  ☐ No

If Yes, please state references for the plan(s)/drawing(s)/design and access statement:
9. Materials

Please see accompanying documents

10. Vehicle Parking

Please provide information on the existing and proposed number of on-site parking spaces:

<table>
<thead>
<tr>
<th>Type of vehicle</th>
<th>Existing number of spaces</th>
<th>Total proposed (including spaces retained)</th>
<th>Difference in spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cars</td>
<td>10</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Cycle spaces</td>
<td>0</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Disability spaces</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Light goods vehicles / public carrier vehicles</td>
<td>10</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Motorcycles</td>
<td>5</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Other (e.g. bus)</td>
<td>5</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>

Short description of Other: Articulated Lorry (HGV)

11. Foul Sewage

Please state how foul sewage is to be disposed of:

- Mains sewer
- Package treatment plant
- Septic tank
- Cess pit
- Other

Are you proposing to connect to the existing drainage system?  Yes  No  Unknown

If Yes, please include the details of the existing system on the application drawings and state references for the plan(s)/drawing(s):

Please see Planning Support Statement for Appendix 6 - Drainage Plan

12. Assessment of Flood Risk

Is the site within an area at risk of flooding? (Refer to the Environment Agency’s Flood Map showing flood zones 2 and 3 and consult Environment Agency standing advice and your local planning authority requirements for information as necessary.)  Yes  No

If Yes, you will need to submit an appropriate flood risk assessment to consider the risk to the proposed site.

Is your proposal within 20 metres of a watercourse (e.g. river, stream or beck)?  Yes  No

Will the proposal increase the flood risk elsewhere?  Yes  No

How will surface water be disposed of?

- Sustainable drainage system
- Main sewer
- Pond/lake
- Soakaway
- Existing watercourse

13. Biodiversity and Geological Conservation

To assist in answering the following questions refer to the guidance notes for further information on when there is a reasonable likelihood that any important biodiversity or geological conservation features may be present or nearby and whether they are likely to be affected by your proposals.

Having referred to the guidance notes, is there a reasonable likelihood of the following being affected adversely or conserved and enhanced within the application site, OR on land adjacent to or near the application site:

a) Protected and priority species

- Yes, on the development site
- Yes, on land adjacent to or near the proposed development

Planning Portal Reference: PP-06666468
13. Biodiversity and Geological Conservation

b) Designated sites, important habitats or other biodiversity features
- Yes, on the development site
- Yes, on land adjacent to or near the proposed development
- No

c) Features of geological conservation importance
- Yes, on the development site
- Yes, on land adjacent to or near the proposed development
- No

14. Existing Use

Please describe the current use of the site:
The site is currently an industrial site. Approximately half is used for the recycling of waste vehicle tyres, the other half being mainly derelict following a fire that destroyed most of the existing buildings on that part of the site.

Is the site currently vacant?
- Yes
- No

Does the proposal involve any of the following?
If yes, you will need to submit an appropriate contamination assessment with your application.

Land which is known to be contaminated?
- Yes
- No

Land where contamination is suspected for all or part of the site?
- Yes
- No

A proposed use that would be particularly vulnerable to the presence of contamination?
- Yes
- No

15. Trees and Hedges

Are there trees or hedges on the proposed development site?
- Yes
- No

And/or: Are there trees or hedges on land adjacent to the proposed development site that could influence the development or might be important as part of the local landscape character?
- Yes
- No

If Yes to either or both of the above, you may need to provide a full Tree Survey, at the discretion of your local planning authority. If a Tree Survey is required, this and the accompanying plan should be submitted alongside your application. Your local planning authority should make clear on its website what the survey should contain, in accordance with the current ‘BS5837: Trees in relation to design, demolition and construction - Recommendations’.

16. Trade Effluent

Does the proposal involve the need to dispose of trade effluents or waste?
- Yes
- No

If Yes, please describe the nature, volume and means of disposal of trade effluents or waste:
Please see Planning Support Statement

17. Residential Units

Does your proposal include the gain or loss of residential units?
- Yes
- No

<table>
<thead>
<tr>
<th>Market Housing - Proposed</th>
<th>Number of bedrooms</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4+</th>
<th>Unknown</th>
</tr>
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<tbody>
<tr>
<td>Bedsits/Studios</td>
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<td>Cluster Flats</td>
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<tr>
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<table>
<thead>
<tr>
<th>Market Housing - Existing</th>
<th>Number of bedrooms</th>
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</table>
## 17. Residential Units

<table>
<thead>
<tr>
<th>Proposed Market Housing Total</th>
<th>Existing Market Housing Total</th>
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</table>

### Social Rented Housing - Proposed

<table>
<thead>
<tr>
<th>Number of bedrooms</th>
<th>1</th>
<th>2</th>
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<td>Unknown</td>
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</table>

### Proposed Social Housing Total

<table>
<thead>
<tr>
<th>Intermediate Housing - Proposed</th>
<th>Existing Social Housing Total</th>
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</table>

### Intermediate Housing - Proposed

<table>
<thead>
<tr>
<th>Number of bedrooms</th>
<th>1</th>
<th>2</th>
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<th>Unknown</th>
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</table>

### Proposed Intermediate Housing Total

<table>
<thead>
<tr>
<th>Key Worker Housing - Proposed</th>
<th>Existing Key Worker Housing Total</th>
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</table>

### Key Worker Housing - Proposed

<table>
<thead>
<tr>
<th>Number of bedrooms</th>
<th>1</th>
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<th>3</th>
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<th>Unknown</th>
</tr>
</thead>
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<td>Unknown</td>
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</tbody>
</table>

### Proposed Key Worker Housing Total

### 18. All Types of Development: Non-residential Floorspace

<table>
<thead>
<tr>
<th>Use Class/type of use</th>
<th>Existing gross internal floorspace (square metres)</th>
<th>Gross internal floorspace to be lost by change of use or demolition (square metres)</th>
<th>Total gross new internal floorspace proposed (including changes of use) (square metres)</th>
<th>Net additional gross internal floorspace following development (square metres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 - Shops Net Tradable Area</td>
<td>1,500</td>
<td>1,500</td>
<td>610</td>
<td>-890</td>
</tr>
<tr>
<td>B2 - General industrial</td>
<td>1,500</td>
<td>1,500</td>
<td>4,144</td>
<td>2,644</td>
</tr>
<tr>
<td>Total</td>
<td>3,000</td>
<td>3,000</td>
<td>4,754</td>
<td>1,754</td>
</tr>
</tbody>
</table>

For hotels, residential institutions and hostels, please additionally indicate the loss or gain of rooms:

<table>
<thead>
<tr>
<th>Use Class/types of use</th>
<th>Existing rooms to be lost by change of use or demolition</th>
<th>Total rooms proposed (including changes of use)</th>
<th>Net additional rooms</th>
</tr>
</thead>
</table>
19. Employment

If known, please complete the following information regarding employees:

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Equivalent number of full-time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing employees</td>
<td>5</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Proposed employees</td>
<td>12</td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

20. Hours of Opening

No Hours of Opening details were submitted for this application

21. Site Area

What is the site area? 4,754.00 sq.metres

22. Industrial or Commercial Processes and Machinery

Please describe the activities and processes which would be carried out on the site and the end products including plant, ventilation or air conditioning. Please include the type of machinery which may be installed on site:

Please See Planning Support Statement

Is the proposal for a waste management development? ☑ Yes ☐ No

Please complete the following table:

<table>
<thead>
<tr>
<th></th>
<th>The total capacity of the void in cubic metres, including engineering surcharge and making no allowance for cover or restoration material (or tonnes if solid waste or litres if liquid waste)</th>
<th>Maximum annual operational throughput in tonnes (or litres if liquid waste)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrolysis/gasification</td>
<td>75,000.00</td>
<td>75,000.00</td>
</tr>
</tbody>
</table>

Please give maximum annual operational throughput of the following waste streams:

<table>
<thead>
<tr>
<th>Waste Stream</th>
<th>Maximum annual operational through-put</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal</td>
<td>75,000.00 Tonnes</td>
</tr>
</tbody>
</table>

If this is a landfill application you will need to provide further information before your application can be determined. Your waste planning authority should make clear what information it requires on its website.

23. Hazardous Substances

Is any hazardous waste involved in the proposal? ☑ Yes ☐ No

A. Toxic substances

Amount held on site Tonne(s)

B. Highly reactive/explosive substances

Amount held on site Tonne(s)

C. Flammable substances (unless specifically named in parts A and B)

Amount held on site Tonne(s)
24. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?  
☐ Yes  ☐ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? (Please select only one)

☐ The agent  ☐ The applicant  ☐ Other person

25. Certificates (Certificate A)

Certificate of Ownership - Certificate A  

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/the applicant was the owner (owner is a person with a freehold interest or leasehold interest with at least 7 years left to run) of any part of the land to which the application relates, and that none of the land to which the application relates is, or is part of, an agricultural holding (“agricultural holding” has the meaning given by reference to the definition of “agricultural tenant” in section 65(8) of the Act).

Title:  
Mr
First name:  
Victor
Surname:  
Buchanan
Person role:  
AGENT
Declaration date:  
01/12/2017

26. Declaration

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information. I/we confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.

Date  
15/01/2018