**GreenMine and Waste management. 3**

**Recycling and Off-takes.**

It doesn’t take a genius to realize that, while earth population keeps growing, at some point we get to a point where natural resources run out if we keep wasting them. And clearly, traditional mining may be profitable for mining companies, but it does harm the surrounding environment, is expensive and many times not a very pleasant job for the ones who do the job.

And as we need to get rid of the waste we produce as well, it only makes sense to re-use whatever possible. We call that recycling. As well it is about time to collect and process the waste we have dumped at special sites (Landfills) for too long and process that as well. You may call that **GreenMining**. This way creating a **Circular Economy.**

**The good news is that doing this the smart way, it will not cost but save money. And it will not create more but less labour.**

**How?**

Of course, first of all we must produce less waste and if possible, give our products a second life. But that leaves still a lot to be recycled. **GreenMine** offers a clean, easy and profitable all-in-one solution:

* **Unsorted waste** can be collected and processed by **GreenMine’s WCP’s** (Waste Carbonisation Plants).Clean, using their own produced clean Energy and Zero Emissions using innovative technology. No need any more for 5 or more bins per household or containers in cities, making collection much easier and cheaper.
* **GreenMine WCP’s** can process existing legacy landfill waste as well as new waste with the same WCP at the same time.
* Many landfills occupy land now close to towns and cities (after they have grown). The sites, once cleaned, will become viable real estate opportunities.
* Processing will produce Mineral Recyclables, Pyroligneous Extract, Bio Coal (energy generation), Biochar (The new black gold, high demand to improve soil quality), Bio-oil (including lignin), Glass & Metal separated and sterilised ready for sale, and more valuable off-takes.
* Heat for municipal heating systems can also be produced as a by-product.
* And clean Energy for the local councils.
* Modular WCP’s can be relocated if not needed anymore at the current landfill or waste processing site. (After cleaning larger landfills)

To see how WCP's work, visit [GreenMine High Tech Carbonisation: How it works](https://www.youtube.com/watch?v=r7gFklj0htY&utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN" \t "_blank)

**Some interesting, recent links from the press:**

18/01/2024: [The Guardian: Environment Agency told staff to delay inspections to stay on target last year](https://www.theguardian.com/environment/2024/jan/18/environment-agency-told-staff-to-delay-inspections-to-stay-on-target-last-year?utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN)

23/01/2024: [bbc.com: Landfill site fire prompts warning to shut windows](https://www.bbc.com/news/articles/cpr8z20xrvwo?utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN)

26/01/2024: [altenergymag.com: Landfill stinks](https://www.altenergymag.com/news/2024/01/26/landfill-stinks/41152/?utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN)

01/02/2024: [The Guardian.com: Seventeen landfills in England make toxic liquid hazardous to drinking water](https://www.theguardian.com/environment/2024/feb/01/seventeen-landfills-in-england-make-toxic-liquid-hazardous-to-drinking-water?utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN)

02/02/2024: [energycentral.com: GreenMine secures first waste carbonisation site in Wales](https://energycentral.com/c/cp/greenmine-secures-first-waste-carbonisation-site-wales?utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN)

10/02/2024: [HMRC collects £1bn in unpaid tax from landfill tax investigations](https://www.accountancyage.com/2024/02/09/hmrc-collects-1bn-in-unpaid-tax-from-landfill-tax-investigations/?amp=1&utm_source=hs_email&utm_medium=email&_hsenc=p2ANqtz-9RKAAscU8wWu71665nvL0vzz4JtcJX2eE72ItyH_XukgMWsxumeLJYXEroLL5l5ixkq3eN)

With expected revenues per WCP of £290K per month (Expected plastic subsidies not included) and an upgraded valuation for the landfill sites it creates a profitable opportunity for both GreenMine as landfill owners (Interesting lease offers are available and it prevents future court cases).

**GreenMine’s mission is to process UNSORTED existing legacy landfill waste as well as new waste, without any sorting required to create useful offtakes that can be monetized easily.**

**GreenMine’s WCP’s ((Waste Carbonisation Plants) can already recycle 98% of all unsorted waste using their own produced clean energy and without air pollution.**