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To: [House of Assembly - GAA](#)
Subject: Parliamentary enquiry into AI data centres - additional submission to Aug 29 submission
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I would like to submit additional points for the AI data centre parliamentary enquiry.

Decommissioning

A data centre needs to provide 10% of its total net profit estimations on a 5-year forward planning model as decommissioning insurance deposited into a trust fund which can be used in case of project abandonment.

Environmental footprint

A data centre's:

1. noise will not protrude beyond its land boundaries by greater than 45 dB(A) or 40 dB(C) measured at the boundary perimeter; Must provide acoustic protection mechanisms or financial compensation therefore for established noise nuisance breaches being that which exceeds noise nuisance legislation for one hour or longer according to a set ratio.
2. airborne emissions will be cleaned, filtered and tested and contain less than 1% particle matter; air quality measures to be taken before commencement and at six monthly intervals.
3. stormwater runoff from all activities including washing down of diesel generators or other equipment or from building walls and roof tops will be contained in an underground storage tank and purified before being pumped into open storm water drains where it may be further filtered naturally by nature diluted only by rainwater.
4. E-waste is processed on site, for reuse or selling, but not stock piled and no less than 99% of e-waste must be reused or recycled; hazardous e-waste must be banded and chemically burnt or other process to avoid any hazard to human health.
5. Only infrared lighting is permissible on the perimeters and there is to be additional space buffer zones between the perimeter boundary and the building sufficient to allow noise attenuating landscaping features
6. Must be assessed at the highest level of risk for serious harm by the Environmental Protection Authority
7. May not be positioned within 5 kms radius of a threatened species habitat.
8. Maintains a log of all equipment and all hazardous materials on its website for public viewing.
9. The local government is to maintain a log of complaints received for the data centre and made available of the website for public viewing. The complaint should show what actions the data centre took to mitigate the noise following the complaint.
10. Compensate the local government \$3,000 to offset the cost of investigating any noise, air quality, harm to species, chemical spill complaint or other environmental nuisance complaint or, the fine applied by the EPA, whichever is the greater.
11. Employs at least one person per MW of power use or contributes the equivalent of one person's annual wages to a TAFE technical institution for skills training social licence.
12. Mitigates its heat island effect by offsetting 1% of its gross turnover into environmental management projects of volunteer groups in its local community
13. Contributes 1% of its gross income to the local government for maintenance of water, power and other utility infrastructure as a form of utilities tax.