

Pilon, Janet

Subject: Futuristic Household Recycling

From: steven kaszab

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To: Office of the Mayor <Officeofthe.Mayor@hamilton.ca>; clerks@hamilton.ca; MR - City Hall - Council Chambers (seats 70) <CityHall.CouncilChambers@hamilton.ca>

Subject: Futuristic Household Recycling

Mayor and Council Members

There are many uses for Artificial Intelligence(AI), and applying it to our efforts within the greening of our environment is one. AI can be programmed to scan an set area before it, identifying not just people but also various materials, objects and actions.

Imagine after your garbage has been picked up, and the contents of your garbage deposit is distributed along with others on conveyor belt lines to be sorted and prepared for recycling, reusing or sending it to the incinerator or dump. Camera's use programmed intelligence to identify the items that came from your garbage, and then directs the sorting of it. This record of your garbage is used to determine a number of things such as...

Demographic of garbage: Do certain area's within a city recycle more or less? What do they recycle most and less? Type of garbage sorted? Perhaps even which race recycles the most, efficiently and follows the rules applied by the municipality?

A.I.'s breath and influence upon human reaction: Can a population be influenced or directed effectively through local policies and regulations? Will people sort and package their garbage better if given a carrot?

Many local governments will be using A.I. for just such applications. They will try to get the local population to sort better, and put more effort into recycling for reasons of profitability or agency picking up the trash, and effectiveness. Policy will apply certain rules that will influence and pressure better results through the carrot-coal application.

As recycling trucks tip trash into the truck, in front of your property, AI will scan the contents of each bin, identifying what belongs, or is contaminating product. Garbage has become a profit developing product.

If the system detects contaminants, a photo is taken from inside the truck highlighting those items that do not belong.

A postcard with the image will be sent to the resident with information directing the proper management of side residents property.

If the resident continues to not recycle properly, after two warnings a fine will be applied. If residents are ideal participants they will receive a end of the year carrot, perhaps a gift certificate, but if a resident does not follow the set protocol, they will receive coal in the form of warnings followed up by

a bill for resorting their garbage. Coal vs carrot Policy. Of course residents privacy will be protected in every way, but their information and the type of garbage they dispose of will be recorded.

An example of this process can be found in British Columbia's Okanagan Valley, where Prairie Robotics and the municipalities agency already have applied this process showing certain success in delivery of a service that will certainly thrive throughout Canada over time. Various Municipalities are either studying the process or have directed the application of the process over the next few years, budgeted and initiated.

Steven Kaszab