

Nutrition Facts

Feed Toronto
Serving Size 6,517 acres (80% of hydro corridor land)

Amount Per Serving	
Mowing	218 tons
Growing	181,716 tons

% Daily Value			% Daily Value		
Total Grass	146 tons	0%	Total Fruit	39,978 t	97.9%
	Bluegrass 21 t	0%		Apples 7,269 t	18%
	Fine fescue 92 t	0%		Blueberries 9,066 t	22%
	Ryegrass 33 t	0%		Cherries 7,269 t	18%
Total Weeds	72 t	0%	Pears 7,269 t	18%	Total Veggies
	Bull thistle 9 t	0%	Strawberries 9,086 t	22%	
	Colt's foot 15 t	0%			
	Knapweed 4 t	0%			
	Leafy spurge 9 t	0%			
	Milkweed 8 t	0%			
	Poison Ivy 7 t	0%			
	Proso millet 4 t	0%			
	Ragweed 5 t	0%			
	Sow thistle 11 t	0%			

Wholesale revenue	\$0/yr	\$624,120,000/yr
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Percent daily values based on daily demand for food crops within a 125 mile radius of Toronto's foodshed (Lister 2007). Volumes expressed in U.S. short tons.

OnePrize Team 1052

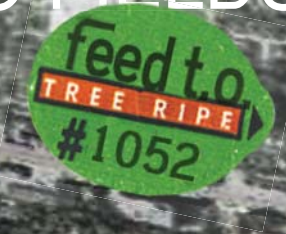
The hydro corridors of Toronto are sprawling lengths of continuous, mostly vacant land. They are unusual terrain: both physically sparse but culturally intense. Stippled with electrical towers, planted in acres of mowed grass, they hold the promise of light, energy, and power. They have immense cultural equity, but with an underwhelming physical existence.

Rather than pursuing the transformation of a complex network of privatized lawn landscape to create productive greenspace, this project takes on the proposition of finding the greatest and most immediate place for urban agriculture by using public lands. Growing hydro corridors can be done across North America, as they are a staple of most cities. If made into a standard this practice would not only circumvent the need for the buy-in of countless individual land owners, it would also align the ground of the site with its significance as a place of energy production—this time through food.

FeedToronto is proposed as a force of fiscal, ecological and social productivity. It re-imagines over 6,000 acres of mowed lawn as an abundant urban green that generates affordable, nutritious, local food.

FEEDTORONTO

GROWING THE HYDRO FIELDS



SPACE TO GROW
Toronto's hydro corridors offer
8,145 acres
in a 125 mile radius

There is enough arable land within the city's limit to offset the importation of the majority of Toronto's agricultural produce

Hydro Corridors
Park & Natural Areas
Urbanized Areas

40% current fresh produce consumed in the city that is grown locally

60% potential fresh produce consumed in the city that is grown locally with the addition of hydro corridor farming

crop	percentage (%) of crop consumed domestically, by volume, that is imported	local and international seasonality											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
apples	32%												
blueberries	75%												
broccoli	81%												
carrots	37%												
cherries	70%												
corn	34%												
lettuce	85%												
onions	53%												
peas	81%												
pears	91%												
peppers	82%												
potatoes	20%												
spinach	98%												
strawberries	69%												
tomatoes	72%												

Toronto ● top 10 imported crops ● major food crop not in top 10 ■ import seasonality ■ local seasonality



51 FULL COMMERCIAL FARMS:
160 acres is a functioning quarter section
or

294 URBAN FARMS:
28 acres typical urban farm
or

58,500 COMMUNITY GARDENS:
0.14 acres typical community garden



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MARCHING ORDERS OF IMPLEMENTATION

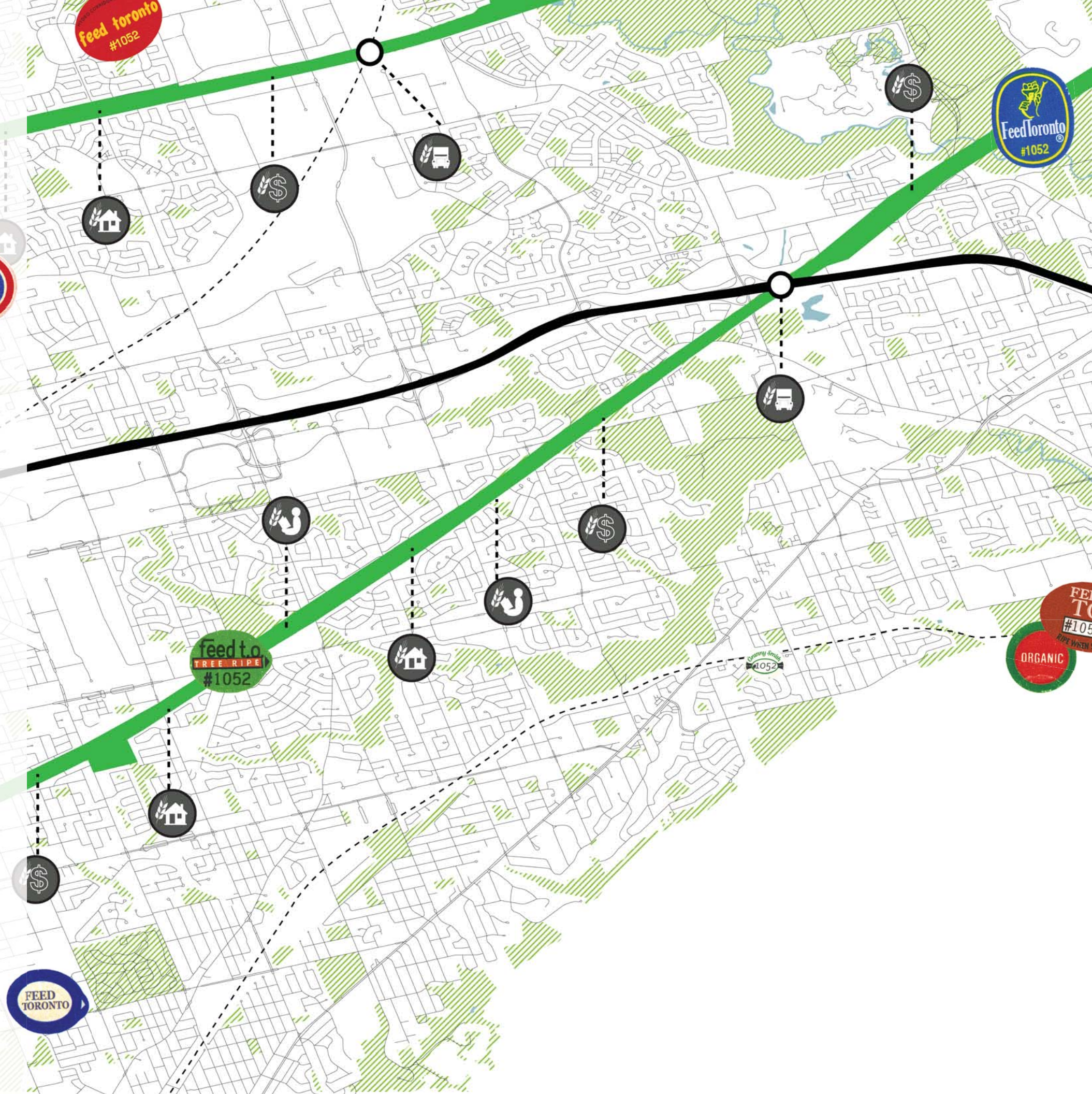
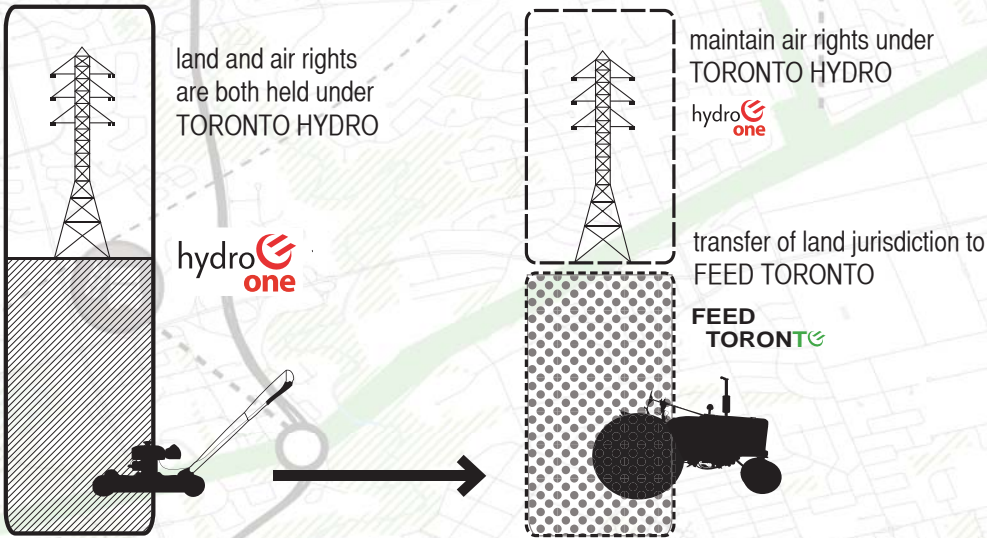
STEP 1: ESTABLISH FEED TORONTO: FeedToronto is to be the city’s newest arm’s-length public corporation following in the footsteps of already established entities such as Invest Toronto and Build Toronto. Its mandate: to promote and operate zones of community gardening and local food production at a commercial scale.

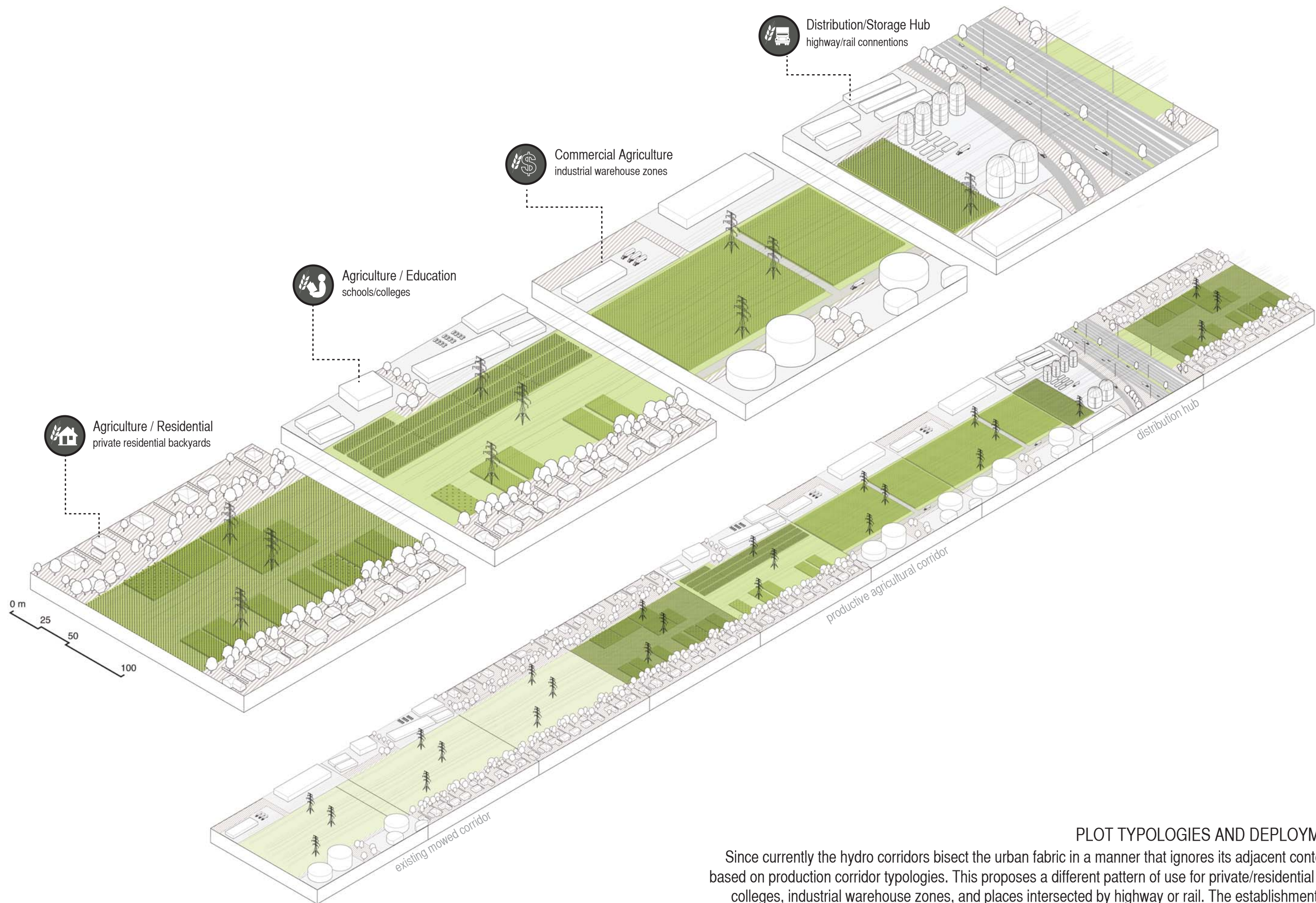


STEP 2: CREATE ZONING TYPE UAx: A new zoning designation is needed to permit, promote and protect large scale agriculture within city limits as an appropriate and desirable land use. As such a designation, UAx can be sub-categorized as grazing/livestock, open air crops and greenhouse crops.



STEP 3: EXCHANGE CROWN (PUBLIC) LAND & AIR RIGHTS: The publicly owned Hydro One owns the broad network of hydro corridors in the province. It is proposed that FeedToronto inherit the ownership of hydro lands with Hydro One retaining air rights. Such a move multiplies the use of the land and enables the two public corporations to symbiotically pursue their distinct mandates.





PLOT TYPOLOGIES AND DEPLOYMENT STRATEGY

Since currently the hydro corridors bisect the urban fabric in a manner that ignores its adjacent context, FeedToronto is based on production corridor typologies. This proposes a different pattern of use for private/residential areas, schools and colleges, industrial warehouse zones, and places intersected by highway or rail. The establishment of new agricultural zoning would be heavily directed by the capacity and scale of these surrounding community conditions.

FeedToronto seasonal community infrastructure



FeedToronto agricultural infrastructure

