

# The City of Pickering's Integrated Sustainable Design Standards

## Public Survey #1: Summary Report

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For

*City of*  
**PICKERING**

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**Overview**

The City of Pickering is developing a revised set of Integrated Sustainable Design Standards (ISDS) for all new developments in the city. This will replace the existing 2007 Sustainable Development Guidelines to reflect the most recent practices and technologies for addressing climate change, water conservation, energy efficiency, and other green initiatives for sustainable community building.

Over the course of developing the ISDS, the City is engaging with residents, landowners, community groups, business owners, development community, and others via public surveys to collect input. On January 6, 2022, the City released the first public survey on the “Let’s Talk Pickering” website to gain insight on the importance of sustainable development to the community. The survey was live until January 24, 2022, during which time, 142 people responded.

This report summarizes the results of Public Survey 1. The results of this survey will inform the development of the ISDS.

**Summary of Findings**

- Respondents were from the City of Pickering (including Whitevale and Claremont), Whitby, Courtice, and Ajax and were comprised of residents (124), community groups (8), landowners (7), and others (3)
- The most important community sustainable design features to respondents include: ‘Access to parks and greenspace’, ‘Trees in public spaces’, ‘Accessibility measures to support those with specialized mobility requirements’, and ‘Off-road bicycle and multi-use trails’
- Over 90% of respondents felt that when purchasing a new home, it was ‘very important’ (61%) or ‘somewhat important’ (32%) that the home have a sustainable label (e.g., Energy Star, LEED, NetZero, etc.)
- To respondents, the most important residential sustainable features include: ‘Energy efficient windows’ (86%), ‘Thermally efficient exterior walls’ (86%), and ‘Energy efficient HVAC system’ (85%)
- More than 80% of respondents are willing to pay a premium for a sustainable home
- Many respondents expressed how they wanted the City of Pickering to take a greater role in sustainable development
- Some respondents expressed mixed reaction for providing monetary and/or non-monetary incentives (such as recognition programs, expedited approval processes, etc.) to developers
- There were also respondents who expressed support for reducing bird collisions with regard to both existing buildings and new constructions

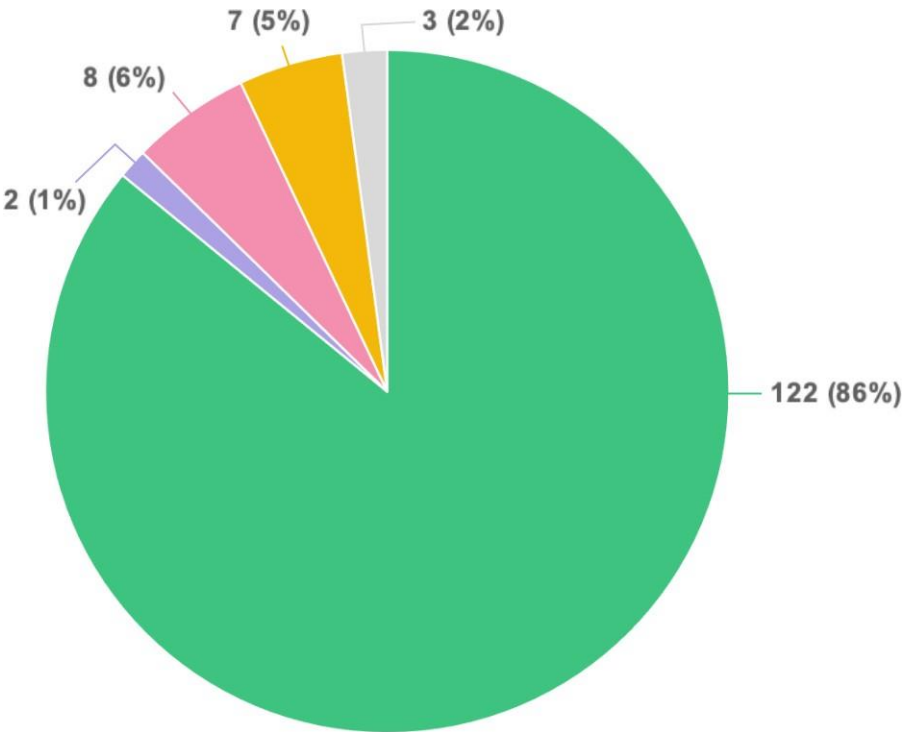
**Detailed Findings**

**Q1. What is your postal code?**

Respondents were from the City of Pickering (92%) (including Whitevale and Claremont), Whitby (4%), Courtice (1%), Ajax (1%), East York (1%), and Uxbridge (1%)

**Q2. Who do you represent?**

142 respondents completed the survey of which 86% identified themselves as Pickering Residents. The remaining 14% were split between 4 groups comprised of Community Groups, Landowners, and other.



**Question Options**

- Pickering Residents
- Other Residents
- Community Groups
- Pickering Landowners
- Other

Figure 1: Chart indicating the sectors respondent represent

**Q3. How important are these sustainable design features to you in your community?**

Respondents indicated important community sustainable design features include:

- 'Access to parks and greenspace' (92%)
- 'Trees in public spaces' (89%)
- 'Accessibility measures to support those with specialized mobility requirements' (72%)
- 'Off-road bicycle and multi-use trails' (67%)

This was followed by:

- 'Pollinator gardens' (58%)
- 'Walking distance to jobs, transit, and amenities (restaurants, retail, schools, public buildings)' (57%)

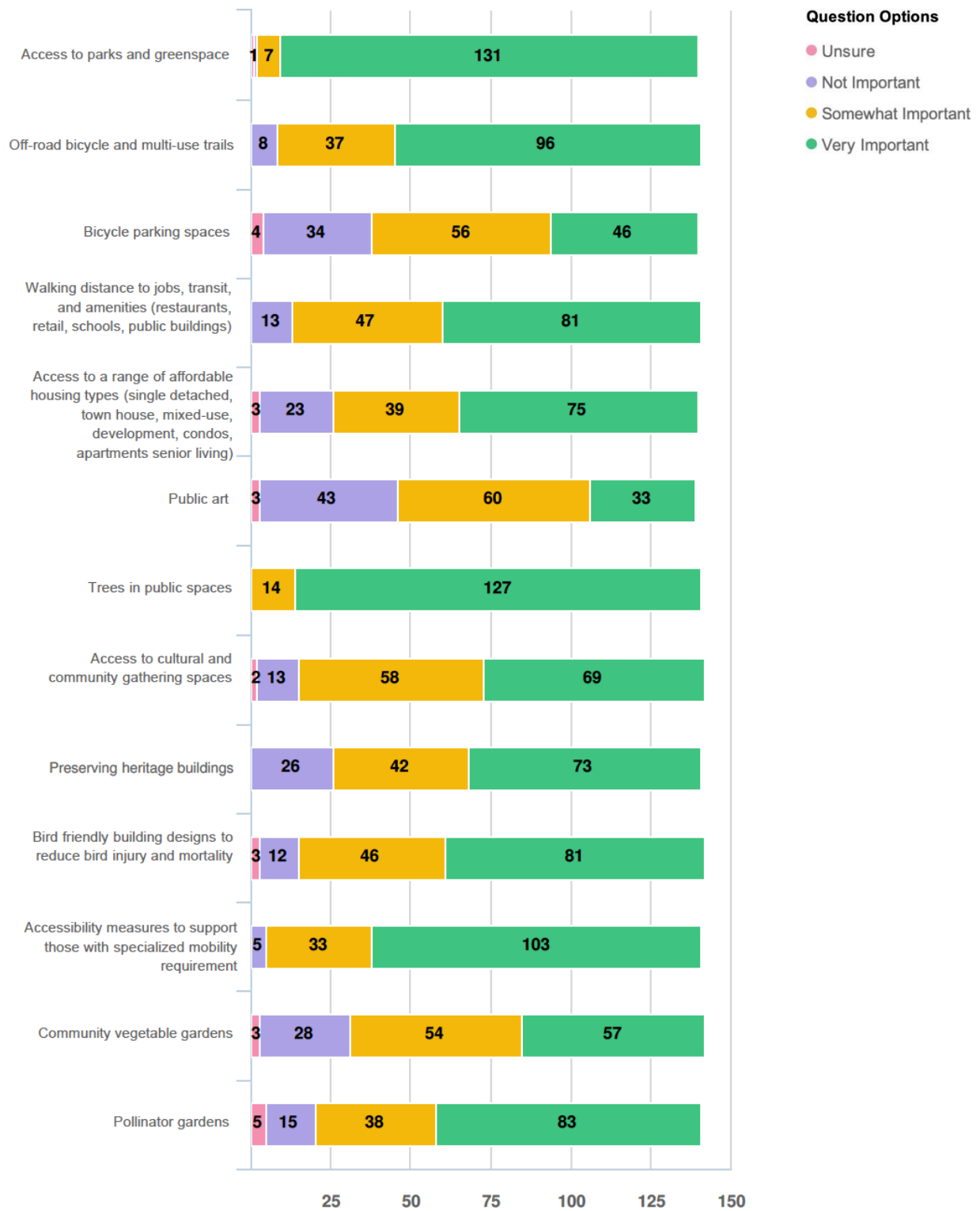


Figure 2: Chart indicating importance of sustainable design features in respondents' community.

**Q4. If you were purchasing a new home, how important is it that the home have a sustainable label (e.g. Energy Star, LEED, NetZero, etc.)?**

Over 90% of respondents felt that when purchasing a new home, it was 'very important' (61%) or 'somewhat important' (32%) that the home have a sustainable label (e.g. Energy Star, LEED, NetZero, etc.). Of the remaining respondents, 5% felt that it was 'not important' and 1% of respondents were 'unsure'.

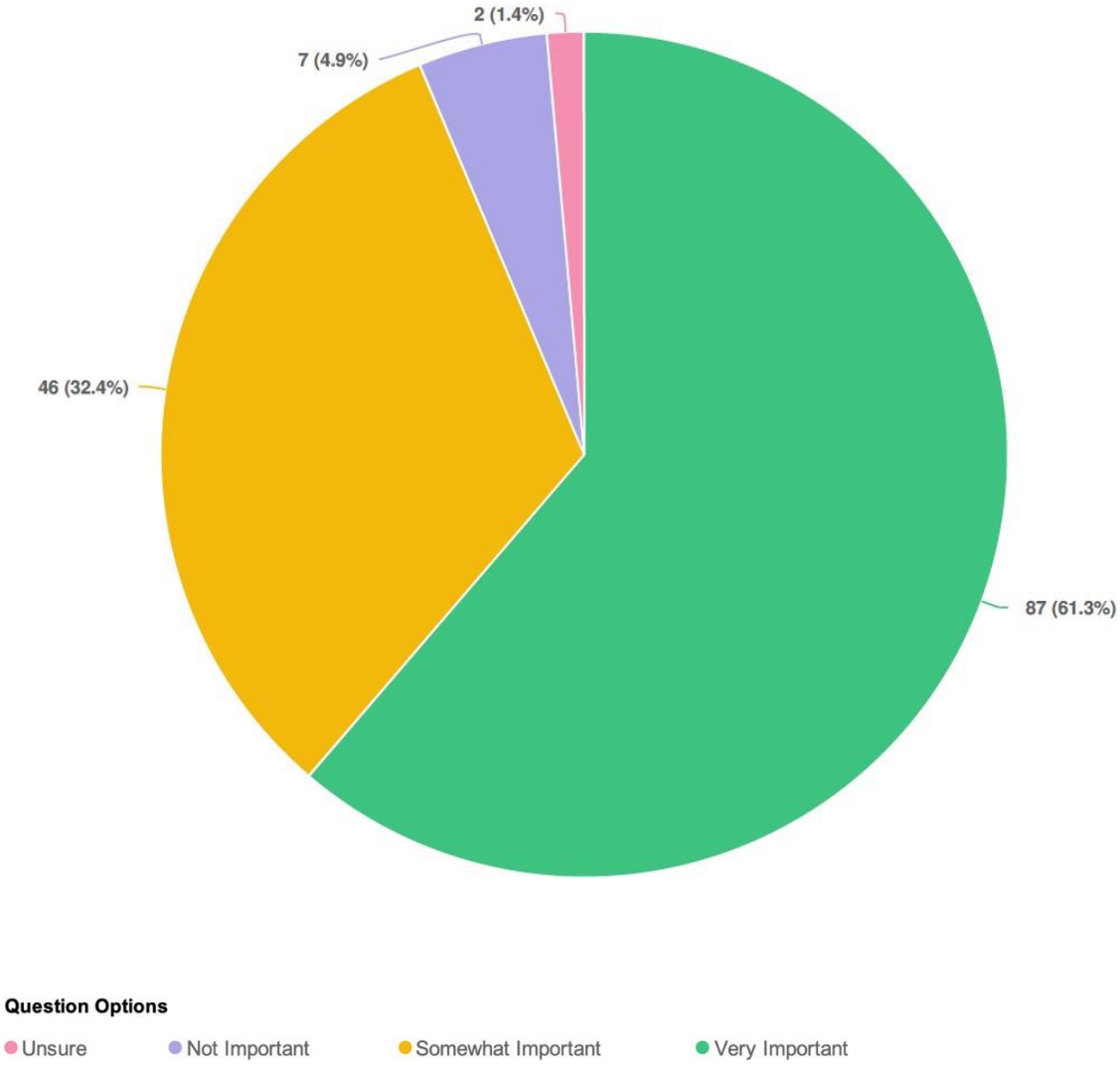


Figure 3: Chart indicating importance for respondents' home to have a sustainable label

## **Q5. What sustainable features are important to you?**

Respondents indicated important residential sustainable features include:

- 'Energy efficient windows' (86%)
- 'Thermally efficient exterior walls (e.g., higher insulation in walls, ceilings, and attics)' (86%)
- 'Energy efficient HVAC system' (85%)

This was followed by:

- 'Native trees and drought tolerant perennial plants' (69%)
- 'Renewable energy technology' (e.g., solar panels or geothermal) (64%)
- 'Water saving faucets, toilets, and showers' (60%)
- 'Solar ready design to allow for future solar hot water and/or solar photovoltaic systems' (60%)





Figure 4: Chart indicating importance of sustainable home features to respondents

**Q6. Would you be willing to pay a premium to purchase a sustainable home?**

Approximately 80% of respondents are willing to pay a premium for a sustainable home. More specifically, 9% are willing to pay a 'Big Premium', 46% are willing to pay a 'Moderate Premium', 25% are willing to pay a 'Small Premium', and 20% are unwilling to pay a premium.

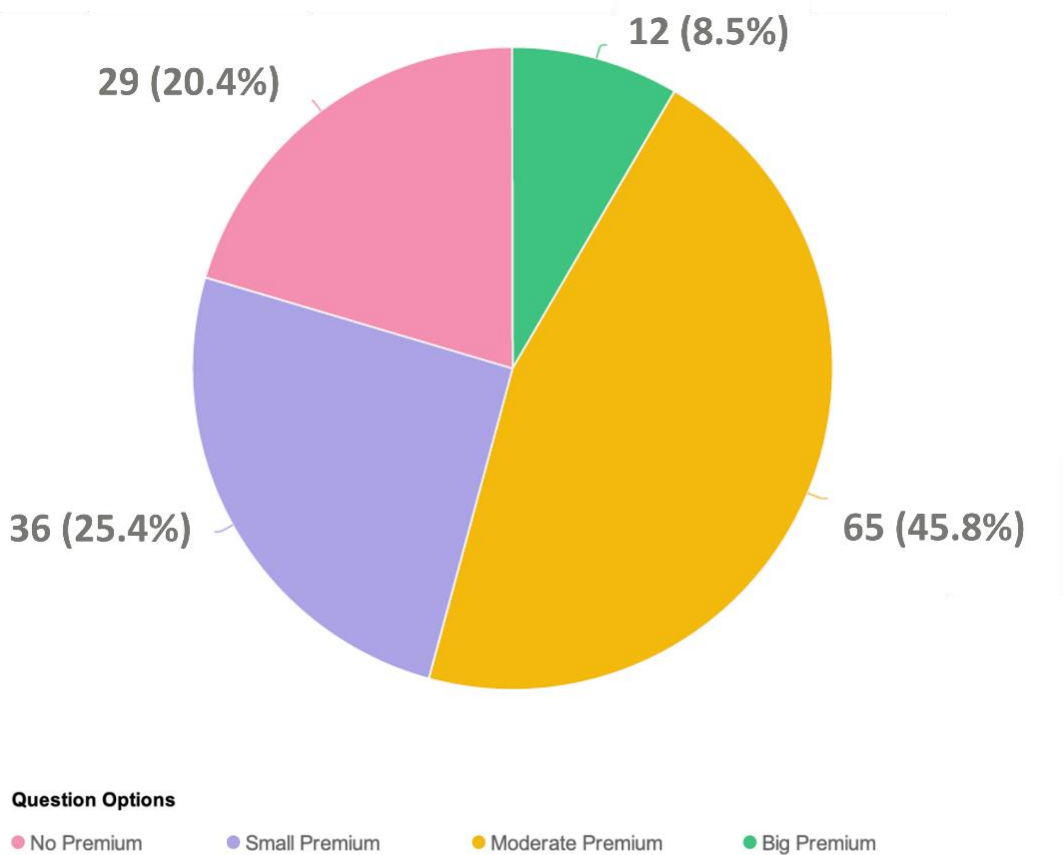


Figure 5: Chart indicating respondents' willingness to pay a premium to purchase a sustainable home

**Q7. What role do you think the City should play to address climate change in relation to sustainable development (e.g. resilient storm water systems for managing intense rainwater runoff)?**

Many respondents expressed how they wanted the City to take a greater role insustainable development. This included investing in energy efficiency for both residential and commercial buildings, prevention of polluting water, planting andprotecting trees, and access to reliable, eco-friendly transport.

In total, there were 135 comments which are captured below.

More native trees in parks and areas that can use them!!! Especially in the bay ridges area.
I think the biggest thing the city could do is look into more mixed zoning into SFH neighbourhoods. This would further support things like duplexes, triplexes, and multi-gen housing. One of the best ways to combat climate change is to contain sprawl.
Setting sustainable development standards and ensuring infrastructure is resilient and can accommodate changing weather patterns.
Ensure high density housing areas have enough green space to offset the environmental impact of the concrete.
I think the city should have less concrete and stop building numerous high rises which increases the chances of flooding as we lose soil to absorb rain and more air pollution as cars sit idling for longer periods due to massive increase in density in specific areas, such as Kingston Rd between Whites Rd and Liverpool. Why do we need so many high rises, whatever happened to low rises?
Not provide building permits on wetlands and flood plains.
Require any further development to have sufficient green space, access to parks and community amenities as a condition of approval. Stronger bylaws to prevent homeowners from making changes to their properties that are bad for the environment. For example, a neighbour paved their entire front lawn over as a driveway since there was nothing to prevent them to do so. This impacts both water permeability and heat capture. And when one person does something others end up following.
Very important
The City needs to prevent new purchasers from cutting down trees and put a protection plan in place for trades similar to what Ajax already has. Developers should be required to put measures in place to mitigate bird strikes since so many condos are being approved and applied for at levels that require variances. Do a better job teaching people new to the area about local wildlife to stop the incessant complaining about foxes, raccoons, groundhogs, squirrels and coyotes, and to help stop illegal relocation of same. They contribute to the ecosystem, with foxes in particular keeping the rat problem down. Do more to educate and prevent the disregard many have for our waterfront, fishermen in particular. This current council and planning department seems to have little regard for preservation and prevention.

Yes, rainwater runoff that will meet the intense rain falls is important. Development should consider the carbon footprint and we must be neutral. I am not sure how this is done, but this is critical addressing climate change. I would like the City of Pickering to ensure that we are not part of the climate change problem, but rather leaders in reducing our carbon footprint.
The city should set standards of the highest environmentally friendly degree and should be totally involved.
Storm water systems for sure. Protect the eroding waterfront as well.
Municipalities should assume a leadership role in developing land use policies and zoning that promote and encourage long term sustainable development. These policies should reflect the best or leading practices in design and development.
This is a difficult question to answer because very few of us are climate conscious when reflecting on city design. I leave it to the experts to review best practices, share their findings with a lay audience and develop designs that are sustainable but feasible.
Put a mandate on corporate/office buildings in Pickering they must offer recycling (my office building currently does not), promote use of parks, implement more bike lanes on busy roads.
Manage rainwater runoff.
I think the city has the most important role in facilitating these changes for the city.
I think the city should play a major role in terms of sustainable development, putting up measures that would enforce attainability of those goals & standards for new development.
Stop building on green space and white space. Stop sprawl.
Ensure that building codes are adhered too of course, but do not pioneer anything because that can get expensive.
Ensure infrastructure is in place to cope with development demands. Show regard for the population density and it's effect on the surrounding environment. Put restrictions on development companies to use environmentally friendly and sustainable materials.
Emission control.
Softer/more natural infrastructure instead of hard infrastructure (i.e., plantings rather than riprap or concrete). Requiring building standards such as white roofs, permeable pavement, grey water systems. Create sustainable communities where cars are not needed.
Incorporation of grey water for community and city use.
Invest in green energy (nuclear) for commercial and solar panels for residential. Address waste by investing in new technologies to break down plastic. Better education and incentives on how to recycle and what to recycle.
Lead the charge!
Flood mapping and ensuring building permits are not issued where flood risks exist.
The city should play a major role to address climate change.
Purchase electric city buses.
Green space and tree planting.
The City should be a leader and demonstrate its commitment to address climate change through sustainable development by, not only establishing Sustainable

Design Standards, but also, and perhaps more importantly, following those Sustainable Design Standards when undertaking any new construction.
The City should definitely play a role - but I am not the expert in these matters.
Developments not to over burden roadways. Access roads to 401 will have major traffic congestion.
Other than building infrastructure nothing else.
Monitoring quality of adherence to standards. I purchased a 2 year old home in Pickering that is surprisingly not up to code standards at the time of building. I am unsure how it passed building inspection.
Please be forward thinking to reduce regrets.
It is imperative for the City to make sure these things are kept in check. And when new development comes in that the developers pay for this to be done.
We look to the city to be a leader in these kinds of sustainable initiatives. Lead by example. Make it accessible to residents and show us that you're committed to making a difference in the planet and in our lives.
Keep local farmland.
Nothing.
The City should be fully supportive.
Design natural systems to help manage these issues.
Their role should control expansion and development to reduce strain.
Plant more trees. Incentivize households to plant more trees in their backyards. Do not allow neighbours to build swimming pools unless it has been proven that laying concrete in their property won't affect drainage system for the attached neighbours in their own backyards.
More greenspace.
Yes, to the resilient storm water systems. Look at clean renewable energy for all things: development, new builds, new systems, upgrading current buildings and systems. Resilient systems for more intense weather. Support the environment by protecting farmland, greenspace, trees, bees/pollinators, water systems.
Change zoning to force green buildings. And follow the same guidelines when building municipal properties.
Critical role - the city is foundation that the residents interact with. It is cities responsibility to ensure that the correct infrastructure is in place for the residents. Otherwise, residents will be limited in an ecological footprint they are trying to set.
Pickering home to Nuclear Power stations should be a leader in sustainable development However Pickering planning dept seems to approve multi-unit structures like Townhouses and High-rises without consideration for the impact on the demands for water supply power demands or volume of vehicular traffic!
Place more responsibility on developer.
Repave roads in certain areas to stop ponding and better sewer systems.
City owned vehicles, properties should be more eco-friendly. Better way to educate residents on what can be recycled.
Sustainable development does not always mean more development. We should be freezing the urban footprint and preserving the natural environment and supporting increase density levels of affordable housing. This city appears to support endless development at the cost of the natural environment.

There are many negatives to investing in what is labeled as energy efficient and environmentally friendly. We shouldn't put all our money in tech that means we need to rely on foreign countries for parts and materials. Climate change should also not be a political motivation. We all want clean air and water but shouldn't make radical changes without looking at negatives and consequences for doing so despite the good intentions.

I think the city should develop policies and support programs to bring it to life.

In order to save money on water damage to homes the city should definitely have in place the infrastructure to manage this.

Very important, should be a high priority, as climate changes so should we adjust to the changes to avoid future disasters.

Be a Leader.

Stop building condos and build more parks.

I'm not an expert. I would hope the city listens to the scientists and engineers more so than the profit interests on sustainable development. Mitigating the climate crisis should be a serious endeavor when the consequences of climate and biodiversity collapse are likely with a business as usual mode of operating. Trying to undo a climate catastrophe or large biodiversity destruction will likely end up costing more in dollars and hardships than preventative action.

City should play a major role.

City should get rid of the n plant asap that is scaring people away from moving here.

Keep the greenspaces. Develop a reliable public transportation so residents don't have to use their cars for short commute within the region.

No comment. This is a much larger issue than Pickering. Make common sense decisions for any plans. Water rates are absolutely ridiculous.

Large role.

The City should develop design standards above and beyond the basic building codes to require developers to build sustainable buildings.

City should make the public transport more accessible and encourage people to cycling or share cars.

The City needs to protect our environment. Only support projects that incorporate proper water management systems.

First create a full vision that explains to residents the benefits and the key goals in a language they can personalize. Then do 1-3 pilots that are specific elements of the big vision so you can learn how to implement effectively and gather feedback. Then proceed to next set of phases but don't do big bang/we're doing it all, EVER. There is so much to be learned along the way, you always should do things in small chunks and stop and learn each step of the way. Big bang doesn't work and creates division in the public.

A big role.

City should regulate many climate change initiatives and list few sustainable development tasks that must be adhered to by all new construction.

Build in those requirements for new build and repairs.

Leading role! Need leadership training support and education.

Should address potential problem spots to reduce future damage & insurance claims etc.

One of the most important items that the city does not address seriously.
Yes.
Very active role to protect citizens and properties from all foreseeable natural disasters.
As plastic production is responsible for significant greenhouse gas emissions (around 17%), cities could implement zero waste policies to reduce waste, pursue greater recycling and reuse practices, and limit greenhouse gas emissions. I think small cities like Pickering should look into how it can follow the lead of larger cities like Vancouver in this effort. Cities could also cut down on carbon emissions by building and/or expanding green transportation systems. Pickering could invest in more consistently accessible and reliable public transit, including a Bus Rapid Transport system (BTR), more bicycle lanes, placing restrictions on cars or creating car-free days in popular destinations (like the Waterfront every Sunday to reduce emissions).
I believe the city should be playing quite an extensive role in our sustainable development - I have seen several notable changes already, but think private developers and commercial/industrial areas need to be held more accountable to the same standards as the city's individual decisions with no exceptions and pushed for tighter standards to be granted permits and approvals. The city of Pickering is undergoing a rapid population bloom, and without corporations following the goals our citizens and city have, we will never achieve them.
Stop putting all of your energy into planning an airport and unnecessary high-rise buildings and plan for the future that is reality not pie in the sky.
The city should take responsibility for ensuring that new development does not impact the climate.
They should work with the community and keep all residents updated. Give options and not push its own agenda.
Updating old systems and ensuring that new systems are in place in new development. All new development (schools, homes) should have energy efficient HVAC. Invest in pilot programs with provincial government to look at feasibility of homes with solar panels creating energy for homeowners and the town. (Provincial government shut this project down in Oshawa. Ask for it to be reimplemented.) Look at ways to keep the waterfront from eroding further with break waters in the lake and moving waterfront path further back. Reintroducing plants along the waterfront that can help with limiting erosion.
It should be a requirement for public and private development, with the city leading the way and setting the standard.
Unsure.
Legislate requirements, do not make them voluntary.
More development or infilling are not the answer. More emphasis on protecting current Greenland, woods, forest, meadows ecosystems. Less emphasis on trying to develop land for pure monetary gains.
Unsure.
Develop Policy for stringent standards.
A leading role.

City should stop intensifying the density of current residential areas and promote development in appropriate - non environmentally sensitive & protected land. City should develop only when appropriate infrastructure is in place to support density of the developments. E.g., Stop converting retail business spaces into mass condominiums when the roadway, sewer, emergency services etc... cannot support this dramatic increase in population and subsequent traffic. City should support building new developments in undeveloped areas north of the city of Pickering with appropriate investment in infrastructure first.

Introduce educational programs that promote responsible lighting and energy control practices for both commercial and residential audiences.

Proper drainage of the streets.

The City plays an integral role in addressing climate change

Build complete communities and avoid sprawl, mandate sustainable development not just incentivize it.

Any it can! Any buildings constructed now will be in the community for decades. We have a responsibility to make them as sustainable as possible. Don't be afraid to make bold moves or make green development mandatory to make Pickering the best it can be.

I don't think the city should be scared to take as big a role as it can. The hesitancy and the "that's not my job" talk obstructs progress.

As much as it can. Make more things mandatory rather than optional

A big role.

Oversee to ensure standards are met.

The city should play a leading role to ensure Pickering has sustainable development including the example provided, well planned urban environments that include parks, trails, efficient public transportation, and roads designed to optimize traffic flow and minimize bottle necks and congestion.

The City has a crucial role in ensuring new builds and re-builds are done in a sustainable manner. Climate change mitigation should be at the top of the list of concerns, ensuring water conservation, energy efficiency, zero CO2 emissions (NO GAS reliance for heating/cooling), storm water maintenance, flooding protection, flora and fauna protection, traffic congestion management, etc. Standards for these developments should be mandatory, not voluntary.

The city should ensure that development should not impact the surrounding environment to the extent possible and that management for water generated on the property is managed appropriately. City should ensure the grading of the property prevents flooding of the house and development does not occur in regions likely to flood. The city should also ensure that greenery is planted on the property as development has likely displaced previous greenspace.

The City should be taking the lead in all areas of climate change.

It is essential that all levels of government promote energy use reduction, if we are to achieve the CO2 reductions promised by the federal government. The message has to be that "We the People" have to effect that change, Resilient storm water and run-off issues should be secondary to changing Energy consumption and CO2 emissions.



New buildings should not be 100% reliant on gas for heating. Geothermal and Solar (wind if we're in a good wind corridor) should be incorporated in all new buildings, i.e., condos, townhouses.
No one else has that infrastructure responsibility so it is imperative that the City addresses such issues. Proactively of course.
They need to play a big role. If developers choose - they will pick the most cost-effective way. If the city ensures they can't build without sustainable measures in place, we all win.
The city needs to be involved to ensure homeowners needs are addressed properly.
Improved tree planting program, solar panels on government buildings, electric City vehicles, change lights in municipal buildings to LED, storm water runoff systems, vastly improved public transit with electric vehicles, and improved residential & business recycling programs accepting more material and larger wheeled bins with lids (reduce wind-blown garbage pollution).
Keep as much green space as possible.
Any and every role it can! Nobody but the city has the power to address climate change in relation to sustainable development. If Pickering is going to be the best place it can be for residents than sustainable development needs to be happen. New building's will be around for decades and having them be sustainably developed is what is best for Pickering's residents. Bold action is needed and Pickering could become a standout leader in Durham for sustainable development if it is made mandatory.
Leave more green space between homes, mainly townhouses.
Yes.
A huge role because developers do not appear to be interested in doing much besides greenwashing. Plans are good, but construction techniques fail if not monitored and measured. The city must mandate certain performance requirements, limit the maximum size of homes, decrease the costs of basic survival (water, hydro, gas) and greatly increase the cost of excessive use of the same. i.e., Each person gets a set amount as a resident and if you use more, you pay for the excess. (Pools, hot tubs, large houses, Excessive lighting, too much garbage, etc.).
Very important!
Improve drainage in low lying areas. Put in regulations to have builders have a plan to deal with flood prone areas. Plant more trees in public spaces.
The land around the homes and in neighbours should have strict guidelines. Making a higher % of yards permeable like other municipalities. Reducing the size of homes on lots will also aid in managing water for neighbourhoods. Also requiring fewer trees to be removed for new builds. Developers need to work around existing mature trees. Again other cities are way ahead of Pickering. Just replanting new young trees is not enough.
Mandating sustainability standards, localized renewable sources (ex solr), greywater recycling systems, and sufficient space for trees, more efficient recycling programs are examples of known solutions that needs to be implemented. From awareness related campaigns to, policy to monitoring and enforcement city certainly has a critical role. For example, city can test and help implement greywater systems for

existing homes. City can conduct home to home recycling awareness/enforcement campaigns.

The city should lead by example and set strict standards for all new developments and city construction. Net Zero should be the target.

Seriously consider recommendations from Sustainable committee.

I believe that the City is the final decision holder to address climate change within its boundaries.

Building 75! Towers is certainly not good for the environment. Focus on shutting that down ....how exactly will it help the environment to bring in thousands and thousands of additional vehicles for all these new residents? Obstructing the skyline and polluting the air? Shut down those ridiculous projects and then focus on all of the great ideas for green housing.

Provide Incentives that encourage this type of development. Communicate and / or enforce a requirement for residential green space that limits water runoff and benefits the environment.

Reducing large condo buildings in small areas.

Copenhagen has completed new zero emissions garbage incinerator that energizes a massive area. Darlington just happily announced going ahead with plans for more nukes. Why didn't they reroute to a zero-emissions garbage incinerator like Copenhagen. Also, competitions are being held to assist international cities in maxing municipal governments online capabilities in keeping people home, dealing with employment, home education, community activities... Oh also industry, small business. ... Using the city website as a beehive of availability, connection, information, and facility, so cities can continue to grow with less and less impact on roads, pollution, depression .... Stuff like that.

A very big part. The city has access to the infrastructure and financial resources. The city is where this should take place, it's too large a project for individual or small groups.

Making these sustainable products available and providing information, such as education for residents to access, initial cost or to switch over. Where and how to access government grants and programs to attain such products/services are very important.

Plant more trees to reduce greenhouse gas.

Approve more row-housing and low-rise apartments, fewer single-family dwellings (especially large ones on oversized lots) – approve more infilling -- absolutely stop sprawl and stop leapfrog development onto greenfield land -- protect natural areas, including headwaters and waterways -- maintain or increase tree cover to cool streets/homes and absorb storm water runoff -- keep hard surfaces to a minimum to prevent pooling and flooding -- ensure access to more Level 2 and DC fast-charging stations throughout the City – include level-2 EV charging capability in all new garage areas -- review new dev. applications with climate change considerations and sustainability as the top filter; advise developers ahead of time that this is how things must be handled from now on; the climate crisis demands it.

Ensuring all new developments designed to support a net-zero future to the greatest extent possible. Also, ensuring new development is designed to be resilient in a changing climate with more extreme weather.

Climate Change is a real thing so we have to keep ahead of it. We have to plan for extremes of heat, precipitation, and cold.

Maintain existing mature trees should be mandatory for development. Storm water system design which works with nature encouraged. Build with alternate heating, i.e., move away from fossil fuel use, mandatory for development. City should have minimum amount of lot required to be permeable.

In the forefront of such activities. Reviews of the current environmental status, smog, pollution, sewage systems, road infrastructure. This topic must be reviewed and examined in the greatest detail. Areas and existing communities need to maintain a sense of value and esteem and not be lost in a large metropolis environment.

Preserve our natural water courses (streams), minimize intensive development along creeks, streams and the lake shore.

**Q8. To help encourage developers to implement these voluntary standards, some municipalities are exploring incentives. Please share any thoughts or suggestions on the type of incentives you feel would be most beneficial below:**

There was mixed-reaction on whether incentives like monetary or non-monetary (such as recognition programs, expedited approval processes, etc.) should be awarded to developers.

In total, there were 109 comments which are captured below.

Mandate it.

Honestly, I don't think developers need incentives, they will still build things regardless because that's the system they work in. Consider putting in policies instead.

Tax breaks.

They can't build if they do not present a green plan. This would include responsible disposal/ recycling of left-over materials.

I don't think developers need encouragement or incentives.

The city could consider rebates on development charges for environmental performance that exceeds the voluntary standards. Performance would have to be assessed independently.

Why do we need to give developers incentives to stop wanton destruction? Set policies to force them to include bird strike deterrents in their glass. Prevent the destruction of trees without permits and a plan to replace what was removed.

No, I wouldn't want to see incentives. The solution is to enact legislation? That only allows sustainable developments as we outline in our building codes?

Should adjust building codes and zoning restrictions that force builders to explore these systems.

Policies that are related to bonusing and increasing density and high provisions could be considered - the matters to the construction of buildings and the relevant standards for that construction are addressed in the Building Code and outside of local jurisdiction.

Also difficult to answer. Perhaps tax rebates since these are generally

well known.
I'm not sure of measures that would be appropriate from my standpoint at this time.
I think it be a standard and not voluntary.
Developers shouldn't be given incentives. Developers should be playing by the rules the residents want, not what the pockets of Pickering Council want
Incentives would probably cost money and increase the cost of a home, not good these days!
I don't feel they need incentives to follow responsible development. It should be mandated or don't bother coming here!
Tax reduction, city provides grant, city helps pay for certain aspects such as permeable pavement on shared roads, city helps with pollinator garden.
A healthy and clean environment in the community/world is a reward in itself.
Incentives to start, then penalties if they don't go along.
Why not make the standards mandatory?
More bike lanes on roads and more pedestrian walkways.
Reduce the red tape involved in obtaining approvals. Free up City owned property for development. Think about a trade-off.
Money is always the biggest incentive that I can think of.
I am against paying developers anything to do the right things pass laws but don't give them tax dollars.
Ability to receive discount for on-site solar/electricity generation and on-site wastewater management. If the unit produces electricity, receive a discount on electricity, if built cycling/walking facilities, receive discount on transportation costs, if reduces wastewater processing by city, receive discount, etc. Waste reduction strategy by offering discount for lower than average volume of waste produced.
These should be mandatory from the developers and perhaps helping to advertise that fact for them could help.
Nothing.
Make them requirements of construction. The cost of including vehicle charges, solar systems, grey water systems is a small percentage of home purchases, and won't impact buying behaviour.
Big discounts or free trees for residents who are willing to plant them in their backyards.
Community center. More green space and park.
Changes should not be voluntary. Dealing with climate change and protection of the environment should be mandatory. We have only one planet, the more we ruin it the more we live in ruin. No permit without implementing standards.
Pay half the costs. Change zoning to force them to do it.
Developers do not need incentives at the moment, real estate is selling itself. The municipality needs to update the standards from voluntary to mandatory by whatever legal means it can. Even call it futureproofing the health of the city.
Should government offer incentives from Taxpayers funds? Sure to attract the best designs and talent. All I see is the same old companies like Marshall's Home by the Rec Centre. They built out the townhouses almost to the Hydro corridor. There are vacant lots on Hyw 2 near Altona Rd beside a gas station home of future luxury town homes sitting vacant for 20 years. Our Planning Dept does not have direction. If

the future includes sustainability then we need to first look at what we have and then where we want to be in the future. The Hwy 2 corridor is a made up of mixture of townhomes and commercial space and bars. Sure, a lot of it is tempting to developers Like plans for Bruno Plaza at Rougemount and 2 but we have to clean up these empty lots first. I do not want to see casinos, bars or gas stations. I want to preserve green spaces. Incentives need to be built into bidding process that include time frame because 20 years is a long time to wait for anything to be done.

Add a tax break.

Tax credits.

Forget voluntary standard as they will be largely ineffective. Adopt requirements for development otherwise approvals withheld.

Discounted taxes or rebates would be great. Would also love free fruit trees or vegetable/fruit plants for residents or community gardens.

Rebates on fees for 100 percent compliance.

We should not have to encourage them, it should be mandatory. It should be part of the building code.

Wage subsidy for workers, to earn more money for doing environmentally friendly projects.

Why should we encourage them? They should automatically do it.

Sustainable Development projects get the municipal attention that it deserves, highlighting the return on purchase with a reduction on carbon emissions (nature), new work opportunities that is created in the process (employment) and payback period (break even for the private/public buyer)

Government goal and direction is to reduce the footprint of homes for the average citizen to live in. The future for us citizens will be to live in multi-tenant dwellings. The rich on the other hand still get to build monster homes. Limits should be established on the size of a single family dwelling.

Better bus transport system. Better healthcare facilities. More commercial areas.in north.

Developers which implement these standards will be given priority when applying for permits over other developers who do not implement these standards.

Developers shouldn't be given any incentives. If it makes business sense for them, do it. Don't build a business case for a developer on a city contribution.

Follow the standards and we will award you the privilege of building in our city

Fast tracked and priority reviews for permits, planning approvals, etc.

There should be an environmental green fee on all projects. The rate should match the environmental impact of the project. The less impact the more savings.

I would pass incentives to the person who buys the building, not the builder. Then start marketing to the buyers/potential residents on the benefits so the builders are going to get smart and give people what they want.

Support. Don't raise property taxes though, they are already higher than neighbouring areas in Scarborough and a bit to the east.

Pass federal incentives (if available) to builders. City to allocate specific incentives for builders and add-ons.

Builders already make enough money, incorporate into building standards so the purchaser pays.

Developers need to not just talk the good talk but lead the way and provide incredible opportunities for those buying and or businesses to come together with governmental incentives.

Good publicity to promote their higher standards.

Incentives? The people of the city and living requirements should always be first. In this city it appears that the developers are always first.

City should publish/promote list of 'preferred' developers who adhere to standards. The developers can benefit from being on this list by using it to promote their products.

Develop and adopt mandatory building energy efficiency performance standards. Perform Energy Audits and Provide incentives to implement actions identified. Offset upfront costs associated with sustainable building improvements via incentives. Provide a clear, easy application process for incentives.

Some incentives could be city assistance and support with marketing, or the opposite being a publicized and detailed list of lots NOT following the standards among any ecofriendly campaigns to bring citizen awareness to which corporations to avoid should they wish. Offering ease of taxes if the standards are complied with.

Do not allow development unless the developer agrees to our standards.

Minimal tax breaks without having to increase residents' taxes. Make it a give and take with developers by cutting the red tape.

Direct grants, tax incentives, rebates and discounted development application fees.

As climate change and other concerns are now realities, incentives, or trade-offs for "doing the right thing" seem less appropriate. The city should set and follow the highest standard, and then expect developers to do the same.

Discount on gas. Discount on cable.

Do not make the standards voluntary, do not offer incentives.

No taxpayers incentives. In fact bill them a surcharge on the builder for all services that the development will require. Current residents should not pay one penny to future growth.

Unsure.

Meeting City developed standards should be mandatory not voluntary.

Developers do not need any incentives they are making ridiculous profits already.

Introduce building retrofit incentive programs that include investing in window films designed to reduce both solar gain and bird-building collisions.

Garbage is a number one issue in the City of Pickering. Develop a program that penalizes those that litter. Create campaigns to stop littering. Organize within the community clean up days.

Mandate, don't incentivize! Addressing climate change isn't an option and we don't have a choice to 'say no', implement a mandatory tiered approach similar to Toronto and Whitby.

Instead of incentives, make things mandatory! In Whitby, developers admitted they wouldn't follow the guidelines if they weren't mandatory, which defeats the entire purpose of having a standard. These must be required- we can't opt out of climate change! Additionally, create a page where new developments are ranked based on how many of the optional things they implement- create a competition to be the best!

Make the green development standards mandatory. Whitby has done it, so has Toronto. It would be good to have a system of tiers where the first tier is mandatory for the first few years and then more efficient tiers are successively made mandatory. Beyond that, a city-run website that tracks and grade new developments based on which tier they achieve, to make things clear for homebuyers and to incentivize competitiveness among developers.

Make things mandatory.

No kickbacks to developers from city council and vice versa. And open investigations into current members.

Name of builder on parks, etc.

Standards are standards and should not be "voluntary". If standards are "voluntary" they're really just suggestions. Let's face it, developers will cut back on their Costs and design to meet the minimum requirements that must be meet their profit margins. There's no real incentive to do more than what is required, i.e., to meet standards, and again, if these are "voluntary standards", they're not standards. They are merely suggestions.

Grey water recycling solar/wind power to ensure power outages don't affect home owners. Storm water management to reduce risk of flooding.

Developers should implement these standards because it is the right thing to do. I feel that if there is any benefit of implementing standards can be returned to developers as a reduction of any fees or permits, but that building in a sustainable manner should be default and part of the cost of building in Pickering.

A sad commentary that developers feel they need an incentive to do the right thing. Perhaps if the City advised the developers that the land they want to use can only be developed if these "voluntary standards" are met. I would expect the price of the home to reflect these inclusions.

It is not clear what specific Voluntary Standards to which you are referring. It is not the developers that need to be encouraged, it is the public that need to be convinced of the necessity for positive change.

I wouldn't offer any incentives for townhouse complexes or mid-size condos. Geothermal and Solar pay for themselves over the long haul.

The city should NOT provide incentives. Developers should adhere to the City of Pickering's Sustainable Place-Making Guidelines. See this at [pickering.ca/en/living/sustainableneighbourhoods.aspx](http://pickering.ca/en/living/sustainableneighbourhoods.aspx). This may not appear robust enough in its current iteration, but it encompasses the ideals of Pickering residents. Incentives as in subsidies/tax breaks/trade-offs/compromises are not the way to go. Why have guidelines on the one hand and then find it necessary to give incentives? This creates an underworld of bad practices, doled out favours and puts too much power in the very few hands of the current leadership at City Hall. Just beef up and develop the guidelines to be less vague and more specific: infrastructure readiness (such as road planning for future growth and its maintenance), sewage and water preparedness and preservation plans especially including wetlands preservation (a big picture approach), drawings of green space placement and enhancement, linking of neighbourhood pathways for walking and cycling. Delineation of commercial areas with a view of servicing future communities (as well as for schools and parks). Future community spaces and buildings that address all

population groups and their growth, and are easily accessed and are spread out leaving no un-serviced areas. Local bus routes that connect and coordinate the community services growth should not be an ad hoc occurrence on the City's agenda; it can be well thought out, allow for high standards and be specific. It should be a standard that binds all developers' applications and severely limits exceptions. The topics above can be itemized more specifically in the guidelines and then it would be the paramount source to ensure reasonable growth rate and protection of future needs without harm to the environment and ensure the wellbeing of the population - the basic purpose of the City's mandate. This question you have posed is quite transparently a short-term grab for control, and it appears to over-ride the long-term planning that has already occurred. It does not try to co-ordinate with what has already been established as a reference (yes, it needs to be a more useful, definitive guideline). My fear is that incentives will create, or perpetuate, an ad hoc only-the-Mayor-knows-best process which undermines the long-term values of Pickering residents and the processes that should determine our future together as a community.

Perhaps expediting projects that have a percentage of sustainability efforts incorporated in. If you have 100 applications for new builds/Renos - than any that have high ratio of sustainability (all solar power, large % treed green space, recycled materials in build go to the front of the wait list for approval.

Reduce developer fees by the amount of credible and verifiable based upon the number of standards that are implemented within their developments. Change the development standards mandating certain standards that specifically address the current Era versus that of 30 years ago.

Green standards need to be mandatory! Incentives have been proven to be way less effective. Developers in Whitby have admitted they will not follow the green standards Whitby has created unless they are mandatory. Developers must not be given the option to opt out of the climate crisis! It would be a good idea to create competition within the developers about who is doing the best in terms of sustainable development. This will encourage developers to do better.

If the change is made in Pickering it can make such a big difference in our community step by step.

Each person must get a certain amount of green space, a lawn, or backyard, not common space. If you are in an apartment/condo, then common space is all that is possible. If developers meet the requirements of the city, they are allowed to build here, if not, they are forbidden. Limit the amount that each developer can build so that the city is not held for ransom from them.

If they want to develop here, they need NO incentives.

Not sure.

Why are they voluntary? The City issues the permits, should be having the say.

First of all, there should be minimum mandatory standards. If climate change is an emergency, can voluntary standards be sufficient?

I don't support incentives for green/sustainable initiatives. Rather, I think developers should be penalized for NOT complying with green development standards.

I don't know what kinds of things can be considered. Tax breaks? Lower development fees?



They shouldn't be voluntary standards. The City doesn't currently ensure that public access (sidewalks) are included in developments, so until these simple things are addressed then there shouldn't be any other incentives even considered. Developers are already running away laughing at the things that they are getting away with. Things that would not have been approved in Markham, Scarborough, Vaughan, etc.

Incentivize keeping Pickering clean and quiet. Residents of Pickering live here because we don't want the hassle of traffic and everything that brings. Stop trying to force hundreds of thousands of new residents into our lovely space. 75 towers and all that it brings will RUIN this city.

Reduced Development Charges.

Developers would be affected by demand. Demand is affected by ads. Jack Layton ingratiated himself with us by offering constant telephone town halls. If the city set up quality town halls and asked questions, then listened, offered options, then listened. They could at the same time educate people about what's available, same time find out what works and what doesn't, same time take the majority vote on 100 topics back to the developers. But, I've heard others organize really poor virtual town halls, like, a giant speech from one company trying to sell, with little or no interaction or input or voting from the listeners, waste of my time. I like an interesting topic with pros and cons, multiple professional opinions on each side, questions, voting, and hearing what others voted and why.

Share profits or long-term investment opportunities.

They should get tax breaks on materials and programs to train staff on new products. There should be education on the benefits and implementation.

Perhaps give tax credits to the builder.

It would be nice if their deep concern for the future of the planet and their worry about the desperate future our kids are facing would be enough to make them embrace sustainability as a policy, but that's not going to happen. I look around me and see little evidence that they get this message (or care). Every new development outside the City's centre becomes a rape of the landscape. So not sure what you expect us to say here. Tax breaks? That only means less taxpayer's money to pay for other community needs. Offers of free or cut-price land?; again, that negatively affects the City's finances. Expanding urban boundaries to allow more development space for future projects?; this is the worst possible option because it obliterates green space and farmland - both of which are critical to our future well-being. The best encouragement would be the adoption of new policies and laws (at all levels of government) to reflect our new reality and the planet's dire state. They would create a level playing field for all developers and force sustainability in their projects.

Partial development charge refunds, expedited planning approvals, and/or density bonuses are all good options to consider. Can also look at allowing incremental costs of sustainable energy systems (e.g. solar, geothermal) to be financed via local improvement charges attached to the properties.

Use public money to reimburse builders for the realistic loss they say they will have by building up to the standards of sustainable development our community has set.

This should work more like other cities, i.e., Toronto, where some of these features will be necessary not voluntary. If environmental taxes were levied on homes built that do not follow these standards, then sustainable development could be exempt or

have this amount reduced. This would not only be an income source for the city but encourage developers to build sustainably.

Municipalities should have a set of approved guidelines that developers must adhere based on areas, environmental protection/concerns, locals in which developers are proposing to build, to ensure that development is in accordance to local surroundings high rise development well separated from single family low-rise housing in and near established communities/housing to be foremost in considerations of building structures to be proposed by area. Considerations to traffic patterns, existing infrastructure, schooling, medical (ambulance services), fire services, policing. A neighbourhood with a true sense of value and benefit to existing residents and new builds.

CSA bird-friendly building standards should be incorporated into the city's approval standards NOW, to prevent the design and construction of 60 or more new condo and apartment towers that will kill and injure birds if the standards are not adopted quickly.

**Q9. Do you have any additional ideas, questions or concerns that you would like to share with project team?**

Many respondents expressed concerns over climate change and wanted the City to address that sooner through sustainable community living practices. In addition, some respondents referenced the Whitby Green Standard as a viable framework to replicate.

In total, there were 83 comments which are captured below.

I'd really like if the city would start to seriously look at retrofitting neighbourhoods that focus on bringing cycling and walking up to the level of cars. Right now, it's difficult to walk and bike places, and I think working to make things like: walking cut throughs, paths, on street and well-kept bike lanes, would go a long way to sustainability.

Affordable (RGI) rental for seniors should be placed in accessible areas.

How do you ensure the population is appropriate for the land? Is population part of the consideration to ensure carbon neutral and infrastructure?

Thank you for asking the public about this important topic.

Any chance on the hospital? Or is that completely off the table?

There should be community & cultural centres where people can gather

Sustainable development should also be area appropriate development.

The Province and the Feds should be setting the tone, the City should follow their lead and not embark on anything costly for the taxpayers.

Not at this time!

Would like to see development of community value outdoor facilities and programs and less encroachment of green space that is integral to health benefits

The city could make these design standards mandatory by including them in the MSS. For example, asphalt must now be a permeable pavement or flexicrete rather than granular A, B...

More trees should be planted and maintained everywhere. There is a lot of green spaces that can be filled with trees.

Keep Pickering as pollution free as is humanly possible and emphasize walkability factor in every neighbourhood like more pedestrian walkways

Provide secure & safe playgrounds for children & teenagers.

Not at this time.

I think more thought shud be given to what all this impending development is doing to our infrastructure and the ensuing traffic issues with congestion. The only people that will walk to places will be those Maybe right across the street from the town center. The impending developments at 1450 and 1550 Kingston Rd will have residents Driving places. Look at he congestion now along Kingston Rd at Whites, Liverpool and Brock Rds. The backups from the 401 are huge and will only get worse. Keep the heights of these developments to what the zoning allows now, NO EXTRA HEIGHTS. and at 1300 K.R. what thot has been given to vehicular access to any businesses there, If there are still any left.

Yes! The city has a lot of concrete areas instead of diverse trees. Pickering should use the city of waterloo as an example of how to make the city green. Meadows or green strips are not maintained or mowed during summer which makes the city looks a bit ghetto. There are no flowers or greenery or streetlamps and posts. Planted trees are very small and often die or not survive the winter or get summer disease. Plant more pines too.

More green space and park Affordable community center with yoga and pool facilities.

Change perspective from nice option and voluntary towards the only acceptable process. There should be a positive balance between development and health. Without a healthy environment we do not have health. Health should be the guiding north star, the key outcome/goal/deliverable, which will then provide better guidance for policies, processes, permits, next steps.

I love all the green options, you really nailed them all, from solar to permeable pavers to grey water. Now go make it happen.

Explore what other municipalities are doing around the world to tackle similar issues, find ways to adopt their solutions and then innovate others where a solution does not exist.

Limit the height of the towers I do not want to see skyscrapers with 30 floors in Pickering We have a waterfront that attracts migrating birds and building towers will only result in avian deaths! Planning department needs to finish the plans for the vacant lots at Hwy 2 beside the Queens Gas station. It is an eye sore!

No.

To make housing more affordable tax speculative housing purchases. To protect the natural environment mandate increased density and prevent expansion of the urban footprint.

Many people have strong political reasons why they put climate change as a priority. This causes division amongst us all and though climate change is important one should not think they are morally superior and use climate change as a reason to make restrictions and radical changes that could have other consequences in the future for us all.

I would really love to see a mandate that all schools have a vegetable/fruit garden that is a part of the program and then used in cafeterias for lunches. Could even take it a step further and have a cooking class for the older students and the food is what's

used at lunch. I know some of this is provincial decisions but any part of this recommendation would be great to see.

No.

We should implement changes sooner than later. The environment or global warming will not wait for us to talk and talk back and forth. We need to be leaders in sustainable design changes. The more we wait the costlier it becomes, and harder to recover from. We need to be proactive not reactive.

Stop building condos.

Maybe create a section just on Sustainable Development for the City of Pickering. Maybe show what is being proposed to solve what, what has been achieved in the process, lessons learned during the process, etc.

What the citizens of the city want, for their city is insignificant. The Government and Developers have free rein to build what they want, modifying buildings codes to meet their goals.

Pickering needs more development and more jobs need to be created locally for sustainable growth. Large development projects should be prioritized.

Keep historical buildings. We will lose our culture if we don't.

This is a very slanted survey! What is your definition of sustainable? Are condos all along Kingston Road sustainable. A hospital on headwaters - sustainable. We moved to Pickering because it wasn't Mississauga. Where are appropriate fitness facilities? Rec Centre has been closed. When it opens will still be crowded, poor parking, had to walk halfway around the building to get in one cold winter night. Local neighbourhood gyms are gone because of the pandemic.

What I love about Pickering is the abundance of forestry. Sustainable development should include the preservation of the natural habitat.

Why is building green voluntary? We're running out of time and need to make these things mandatory. Also, retrofitting needs to be simpler. Make sure the policies and building codes are very clear and updated to support these initiatives.

Always focus on the VALUE in concrete terms, that you will deliver to the ultimate buyer/user of the standards. There is a set of values you provide the developers but they speak profit/revenue, so you need to put their value in those terms. And always explain the criteria you use when you have to make trade-offs or prioritize. Everything is a tradeoff and/or prioritized decision and we need to understand this to buy in.

Increasing tax is not ideal.

Look at sustainable efforts around the world such as what is being implemented in California and other areas and use what could be applicable to Pickering/Ontario

Drop some of the grandiose ideas that creep into city design work. Over doing the rec center lobby for example and overbuilding waterfront trail when simple path would do.

Sure I do!

Stop building 25 story buildings we are a small community and have no need to be Scarborough East! Fix the roads, correct the poor drainage and plant trees. In other words, look after the city now.

Apartments and condos to not be too high. Don't want Pickering to turn into downtown Toronto. This is a suburb to the big city, not the big city itself.

Make the waterfront more open and accessible for citizens to access and enjoy. Walking and fitness trails should be open up for people to utilize along the lake. And,

have free and ample parking spots for residents to go there without having to worry about the hassle of finding and paying for parking. This should be looked at as a benefit for citizens to enjoy and not an opportunity to collect money.

Listen to the community and communicate with the community.

"Preserving heritage buildings" is mentioned above, but preservation of environment should also be addressed: wetlands, shoreline, wild green zones.

Becoming unaffordable to live in Pickering because builders are not levied the charges for the true costs for development today and in the future. Resident's foot the bill after development is built. Need to view future legacy costs back on the developer and builders. Not on residents every year.

Yes. The survey should include questions relating to transitioning to renewable energy sources. The largest contribution to GHG reduction is achieved through converting: 1. Home heating from Nat. Gas to electricity. 2. Transportation to EV incentives for all new multi-residential buildings should encourage implementation of distributed local energy networks and storage.

Allow Pickering to remain consistent with the original character and current population. Expand elsewhere.

As more and more municipalities across Ontario introduce bird friendly building design standards in their communities, many are following to the guidelines laid out in the Canadian Standards Association 's (CSA) Bird Friendly Building Design standard A460 (<https://birdsafecanada.ca/design-standards/>). The A460 standard is currently being reviewed by the provincial building code. Its purpose is to become 'the standard' for the province as more and more municipalities move from voluntary to mandatory compliance. This transition is in part due to law introduced in 2013 whereby reflective daylight from windows that kills and injures migratory birds is considered a 'contaminant' under the Environmental Protection Act (EPA) and discharging it is therefore an offence. With this in mind, FLAP Canada recommends that the City of Pickering models bird friendly design standards around the A460.

More outdoor gyms. More waterfronts in the City.

Pickering should implement a mandatory tiered standard like Whitby's tiered approach, which quickly advances up tiers until net zero is required in all new buildings. We don't need to reinvent the wheel when the work is already done!

There's no need and no time to reinvent the wheel. Whitby has already done a lot of work on this and it would save time if Pickering adhered to some of the same standards. Additionally, their tiered approach is ideal with the first tier being mandatory and quickly moving upward until the top tier is mandatory. That ensures we get the best, most sustainable development possible as quickly as possible! Again, stressing the importance of it being mandatory.

There needs to be stronger language around adaptation. I suggest referencing the Durham Region's mitigation and adaptation reports. Additionally, if development standards aren't mandatory, then the whole-of-region approach will be lacking. I suggest that the town look to Whitby, and to Ajax as Ajax has created a document laying out best practices for Green Development Standards. The town should also look at carbon intensity, not just energy efficiency, and include energy efficiency in tier 1, not just tier 2.

Need stronger language around adaptation. Reference back to the Durham Region

mitigation and adaptation reports (no need to reinvent the wheel). Energy efficiency should be included in tier 1. Whole of region approach is lacking. I would recommend that they refer to Ajax's documents for best practices. Carbon intensity, not just energy.

No more Condos. Pickering cannot manage the growth Mayor Rya is striving for. The roads cannot handle it. Plus, high-rise condos are ugly. Pickering has always been beautiful, and he is ruining the look of it.

Keep on doing the wonderfully work you've been doing for the past 25 years. Set standards that must be met and aren't just "voluntary" as this will lead to unmet requirements for our fine city due to developers adhering to the lowest common denominator set by voluntary standards.

I have not seen any City plans to build or add emergency or community services, such as firehalls, medical facilities (hospitals, clinics, EMS), schools for all ages, and day care facilities. Where are the plans to support the huge increase of new residents?

Please make climate change a top priority. More and more housing is going up at the expense of wildlife and greenspaces. Corporate greed is a major contributor to climate change.

Your survey has not made it clear what the Project Team is focusing on, we started with community amenities and then transitioned to home sustainability features and then tossed rainwater management into the discussion. If the theme is sustainability, it really comes down to climate change, which can only be addressed through energy consumption, not just clean energy but reduction of total energy consumption. We will need to do a better job that we have done with other environmental initiatives such as recycling (recycling is the least important of the 3Rs: Reduce and Reuse should be the priorities). Home solar systems do not yield much of an environmental impact in a province where the majority of our electricity is non-Carbon generated, home heating and transportation are areas where the real carbon reduction can be achieved, heat pumps and improved thermal efficiency should be encouraged, as should electric vehicles and shorter commuting distances. Sustainability is a numbers game, getting the math right is essential.

Yes, how are they going to better connect condo/townhouse projects to rapid transit i.e., Go train? With the projected growth how are we going to address huge increases in traffic?

There was a time when our Pickering town planners did their assigned work and had good, sustainable, forward-thinking long-term plans. They were shared regularly and we were informed and knowledgeable about those plans. That's why we chose to live here. Yes, times have changed, and change is inevitable. However, the last decade or more have shown an alarming shift - culminating in an MZO during covid time - with absolutely unconscionable disdain and based on ignorance! Look back, and you can read the history of gaslighting. A new 'project team' with a new level of power and influence is not going to solve any problems that we have in Pickering.

Mega high condos don't do anything to help create a friendly city or help the environment.

Pickering does not need to re-invent the wheel when it comes to green standards. One only has to look as far as Whitby to see the incredible work being done that

Pickering could use as inspiration. Adhering to the policies that Whitby has created will save the city of Pickering lots of money and time. Sticking to a progressing tier list like Whitby, ensures that sustainable development is quick and the best it can be. Again, it is very important that the green standards development be mandatory!

Bicycle lanes and electric vehicles chargers are a must. This is reality now and it is the future. Green spaces make human living in urban areas healthier and it is caring for the planet.

Not that I can think of.

Tax reduction/benefits for those that live close to work. Tax reduction/benefits for business that hire people who live close to work. Moving assistance and the closer the better. Let me know if you like this one.

Views! Very important that the people already here have the view that brought them to buy in the first place.

None.

As someone in the Landscape business, Pickering has the least restrictions, regarding percent of paving material vs green space. I realize that some other cities are too extreme with percentages, tree removals, etc., but Pickering can do better. Also, the maintenance of existing mature city trees is virtually non-existent. Even when new trees are planted by the city they are left to struggle or die because no tree bags are used no communication with homeowners to water for additional support. I realize that homeowners have developed a bad attitude that if "the city isn't going to look after it why should I," but there has to be more communication about the partnership. And this translates to public spaces that are not well maintained, it reflects on the city as a whole and impacts how some homeowners maintain their own property.

The scope of this project is unclear. As a resident, I am interested to learn how to improve an existing home to be more standard compliant.

All development should be at the very least Climate Ready. This would be a relatively no/cost way to ensure that homeowners, who would benefit from energy savings, would be able maximize savings. For example, 220 volt outlets should be installed in all garages (for future electric vehicle chargers), roofing nails should be increased from 1 1/4 to 1 1/2 to protect roofs from catastrophic winds, the orientation of homes (a shift of 4%) could help to reduce heat gain the summer, and heat loss in the winter, street layout should be in a grid pattern to improve access to public transportation, permeable pavement would reduce stormwater runoff. This is just a small example of the kinds of development standards that would ensure both the sustainability and affordability of home and building construction.

Not at this time.

I feel that a community includes essential services that include appropriate use of the infrastructure of the area being developed. Not only attracting more people, but supporting them with better roadways, hospitals and more emergency service support. It cannot be the mentality of "if you build it..." You must already have a plan on how the City envisions the ability to support the growth before it grows, not after the fact.

Same as above. None of your lovely ideas about sustainable living matter at all if you allow for these towers to go up. You will ruin this city and everything that makes it

great.

Raise Greening as an ever-present line item with the Association of Canadian Municipalities. Benchmark practices from other countries as well.

I have 2 little dogs, very old. They cannot climb the 3 steps out to the back yard anymore. If they could have Anything wonderful about a new home, it would be accessibility for seniors and the disabled, as a quality-of-life issue. Me, I'd like a slave to life the dogs up and down the stairs without hurting my old disabled back, 10 times a day. Thanks for asking.

As we go along with the project, more will come as a consumer.

1) A financial reward system that encourages homeowners to install energy-saving devices such as solar panels, LED lights, etc.

2) Auto manufacturers to provide built-in collector bin to encourage people from tossing garbage out their car windows. (not related to housing but also a problem).

Sustainability means a lot of things at a lot of levels. But small-scale efforts, important as they are, will be undone completely by large-scale mismanagement of the issue. The City, including its highest levels, needs to be fully and honestly committed to this end, and will need to make some hard decisions to achieve it. It will need to study and follow the advice of respected climate scientists and environmentalists, and understand the consequences of maintaining a business-as-usual stance. Then act.

Be bold - we are running out of time to stop runaway climate change and there will be no second chances!

For any development there should always be a certain parcel of land set aside which would be naturalized, with walking trails, promoting birds, beneficial insects, bees, native plants, meadows, trees. Natural areas are important not only for other species but for the health of residents nearby.

I would prefer to have details on what is being proposed by area and summary evaluations prepared for area residents to review and comment on not a Cart-Blanche review of a large area where development pertains to a major historical corridor. There is need to be concerned and aware of local and provincial history.



## **Appendix 1**

### Questionnaire



Home » Sustainable design for a better future. » Public Survey #1

## Public Survey #1

Please complete the public survey which will inform the development of the first draft of the City's Integrated Sustainable Design Standards. The survey will be available until January 21, 2022.

Survey starts

Finish



All fields marked with an asterisk (\*) are required.

1. What is your postal code? \*

2. Who do you represent? \*

Resident

Landowner

- Business Owner
- Development Community
- Community Group
- Other

3. How important are these sustainable design features to you in your community?

	Very Important	Somewhat Important	Not Important	Unsure
Access to parks and greenspace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Off-road bicycle and multi-use trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bicycle parking spaces	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Walking distance to jobs, transit, and amenities (restaurants, retail, schools, public buildings)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to a range of affordable housing types (single detached, town house, mixed-use development, condos, apartments, seniors living)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public art	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trees in public spaces	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to cultural and community gathering spaces	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preserving heritage buildings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Very Important	Somewhat Important	Not Important	Unsure
Bird friendly building designs to reduce bird injury and mortality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accessibility measures to support those with specialized mobility requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community vegetable gardens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pollinator gardens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. If you were purchasing a new home, how important is it that the home have a sustainable label (e.g. Energy Star, LEED, NetZero, etc.)? \*

Choose an option
▼

5. What sustainable features are important to you? \*

	Very Important	Somewhat Important	Not Important	Unsure
Energy efficient windows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy efficient HVAC system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thermally efficient exterior walls (eg. higher insulation in walls, ceilings, and attics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water saving faucets, toilets and showers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Native trees and drought tolerant perennial	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

plants

	Very Important	Somewhat Important	Not Important	Unsure
Permeable pavers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Renewable energy technology (eg. solar panels or geothermal)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electric vehicle charger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Building constructed of renewable, recycled, or sustainable materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Greywater recycling system that collects and disinfects water from sinks, dishwashers, showers, and baths for further domestic use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solar ready design to allow for future solar hot water and/or solar photovoltaic systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Would you be willing to pay a premium to purchase a sustainable home? \*

Choose an option
▼

7. What role do you think the City should play to address climate change in relation to sustainable development (e.g. resilient storm water systems for managing intense rainwater runoff)? \*

Please add your comment here...

8. To help encourage developers to implement these voluntary standards, some municipalities are exploring incentives. Please share any thoughts or suggestions on

the type of incentives you feel would be most beneficial below:

Please add your comment here...

9. Do you have any additional ideas, questions or concerns that you would like to share with project team?

Please add your comment here...

Submit

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