



6. REVENUE GENERATION 6.1. FUNDING STRATEGY: APPROACH

Your Zoo's funding is currently focused on onsite experiences and sources. While this is a strong starting place, there exist opportunities to bring additional funding sources to Your Zoo by adding new onsite programming, while also exploring opportunities beyond the site. New avenues for revenue generation can strengthen Your Zoo's funding while establishing it as a good neighbour and community partner in the conservation world and in the Greater Toronto Area. New programs should be mission-based, and new mission-based activities tied back to the efforts of the Toronto Zoo Wildlife Conservancy to help develop and strengthen a broad network of financial supporters for Your Zoo.





Current revenue generation

Revenue generation today is focused primarily on opportunities within the physical Zoo site.

Future revenue generation

Future revenue generation focuses on expanding opportunities within the site as well as beyond the site.



6. REVENUE GENERATION 6.1. FUNDING STRATEGY: CATEGORIES OF ACTION

In broadening and strengthening the funding strategy for Your Zoo, four main categories of action exist. These guide the direction for financial growth opportunities tied to the Zoo, building on existing revenue sources such as membership, and finding ways to diversify the offerings and embed new offerings as well. Actions vary from those that can occur directly on site to those that may occur digitally, as well as revenue generation streams that can arise from immediate actions versus those that may take a longer time to establish. Together, these will create a network of revenue streams, making Your Zoo more financially stable in the long-term, as well as more financially agile, to better serve our mission and community. More in depth descriptions of some actions, as well as project idea examples and potential partners, are further elaborated in Appendix 3.



Immediate Actions

What Your Zoo can do tomorrow:

- Actively support fundraising initiatives
- Revamp online fundraising approach
- Extend visit times with the addition of cooling stations
- More shaded picnic and rest areas, extended hours and new programs
- Offer specific evening programming and tours to extend daily hours
- Offer specific early morning programming for guests seeking tranquil experiences, for example photography tours
- Expand seasonal offerings through innovative shoulder-season tours

Onsite Actions

What Your Zoo can do onsite:

- Welcome complementary destination-based programs, such as fine-dining
- Become more self-sufficient through production of forage and energy onsite, as well as by closing loops in waste-management
- Implement onsite tour guides (different from edu-tours currently offered), for example dusk photography tours
- Add rotating exhibits through partnerships with the science and creative communities
- Add a diversity of overnight stay opportunities, with affiliated morning and evening programs
- Create rentable spaces for hosting events in a unique setting with direct views and connections onto animal exhibits
- Create compelling interactive opportunities that incentivize onsite donations



Beyond the Gate Actions

How Your Zoo can shine out of its boundaries:

- Establish a worldwide animal and habitat conservation consultancy
- Create and develop mission-based Zoorelated content in partnership with Toronto creators
- Expand online engagement through expansion of social media content getting visitors to tune in regulary, creating return virtual visits and new virtual experiences to reach a global audience; use this platform to promote philanthropic opportunities relating to content
- Expand Zoo-related curriculum and partnerships with schools, universities, and colleges



Membership Actions

How Your Zoo can strenghten its relationships and generate new ones:

- Implement recommendations for new and enhanced membership program
- Welcome high-end experiences
- Stratify membership
- Create weekly, recurring community activities such as fitness or creative activities, accessed with memberships
- Create quarterly events tailored to different membership levels



6. REVENUE GENERATION 6.2. PROJECT-SPECIFIC FUNDING FRAMEWORK: TARGETING WIN-WIN PARTNERSHIPS

Your Zoo has ambitions to expand its offerings, including bringing new experiences on site. In order to create incredible experiences that are financially successful as well as innovative, unique, and memorable, Your Zoo will partner with outside experts in their fields to ensure that new experiences and offerings thrive. By seeking out and developing partnerships that are win-wins for the Zoo and each of its partners, Your Zoo and its partners are able to benefit from each others' strengths and areas of expertise, while creating unique experiences that are not possible in other locations, and may bring less value to each partner independently. Partnering could allow both parties to reduce initial costs as well as potentially reducing operating costs if these can be shared, and by working together both Your Zoo and its project partners may be able to increase their reach and audience, collectively.

What the Zoo offers:

- A mission-driven partner with proven cultural capital
- A unique setting and land for development of experiences
- · A built-in attraction that can form a distinct and differentiated identity for the partner (digital content, unique branding opportunity)
- Access to a pool of guests with unmet needs
- Greater marketing reach
- A financial partner with the ability to fundraise



What a partner offers:

- New guests (new demographics, at new times, returning quests per business model)
- Direct revenue (entrance fees, rent, or other payments depending on the program)
- Indirect revenues (partnership opportunities, fundraising opportunities)
- A greater emotional attachment to Your Zoo from a new diverse audience
- Publicity and added marketing opportunities
- · Capital to fund large-scale investments that would be onerous for Your Zoo to take on alone
- Expertise in very specialized businesses that are not core to Your Zoo's mission (hospitality, wellness, education)



6.2. PROJECT-SPECIFIC FUNDING FRAMEWORK: WIN-WIN PARTNERSHIP EXAMPLE, THE BIODIGESTOR



The Biodigestor Project presents a great opportunity to be developed in connection with the Nutrition Centre and Restaurant and the Forage Farm, to maximize efficiencies between these three activities, as well as develop educational narratives and opportunities. The Biodigestor becomes part of Your Zoo's energy-production landscape, as well as a part of the larger operational landscape systems to close loops and reduce waste outputs on site, by turning waste into energy and inviting the community to participate in these systems as well.

This project would be well-placed in the Northeast corner of Your Zoo, and has the opportunity to become an educational experience for Zoo guests, as well as providing new views and opportunities to become a platform for art here, with new vertical elements and close proximity to the artwalk.

To maximize how this best works with Your Zoo's site and mission, it is important to consider a few basic principles for organizing this program here:

1) Maintaining two flows on site (vehicular and pedestrian) frames this district and allows efficient circulation.

2) Understanding each new edge of this program as a specific experiential opportunity allows the Biodigestor Project to be stitched into the site and the landscape, working with the experiences of the Nutrition Centre and Restaurant, the entry from the North, as well as Wilderness North and the artwalk.

3) With such a large footprint, and thanks to the new height introduced to this area, a real opportunity exists to see the walls and roofs as a canvas and pull landscape up them, and allows for the creation of rooftop viewing of the Zoo and city.



6.2. PROJECT-SPECIFIC FUNDING FRAMEWORK: ALTERNATIVE REVENUE GENERATION ROADMAP



1. Identify types of programs on which to focus

a. Your Zoo is a mission-based organization, and that mission already supports on site programs like reproductive science, nutrition science, and educational programs. Identify other unexpected types of programs that the mission could extend to, that could generate revenues on site, such as hospitality, wellness, tourism, or early childhood education.

2. Raise and visualize capital projects potentials

- a. The role of a master plan is to raise opportunities for new projects and partnerships to emerge and translate those ideas visually in order to create a momentum for attracting potential partners and investors.
- b. Conversations with partners could in turn lead to significant changes to the execution of a project.

3. Conduct a market study

- a. Find relevant metrics that will help inform the decision-making process: program work sessions/ focus groups with experts in the industry, or direct a short consulting engagement with professionals in each relevant field
- b. Study similar offerings (if any) at high end zoos internationally.

4. Find partners and define parameters

a. Once a new program is deemed ready for implementation, and following an initial period of factfinding, Your Zoo reaches out to potential partners with whom the final parameters of the projects can be negotiated, measured and confirmed (ex: size, finances, access to Zoo programs and activities, management involvement. indoor/outdoor space, timeline).

5. Share the investment

- a. Identify the % of the investment made by Your Zoo vs the partner and the nature of the investment. Determine whether the contribution is in money, space, content, or other. Determine the responsibility split and how profits are to be shared.
- b. Determine financing mechanism (bonds, loan, capital campaign).

6. Look for program synergies

a. For each new program being discussed, Your Zoo must consider the range of capital projects like an ecosystem in which some parts can live in symbiosis. A strategic plan should identify which programs should be developed together, or whether projects would benefit from being developed in a particular order.



6.2. PROJECT-SPECIFIC FUNDING FRAMEWORK: IDENTIFYING CONSIDERATIONS TO TEST THE ROADMAP

ldea/case	1. Identify types of programs on which to focus	2. Raise and visualize capital projects potentials	3. Conduct market study	4. Find partners, and define parameters	5. Share the investment	6. Look for program synergies
Conservation Campus Accommodation Project	 identify type of facility (indoor/ outdoor/4-season) identify price point and amenity level identify location on Zoo property identify whether additional programs needed to support this hospitality offering, such as a restaurant, must be embedded within the hospitality identify whether the approach is a "boutique" approach, or whether a partnership with a larger brand is possible or desirable 	 identify ways in which the project will support Your Zoo's mission, beyond just contributing rent income identify ties to other Zoo activities define "must haves" for Your Zoo define "no-gos" for Your Zoo 	 understand the minimum number of rooms to make the offering profitable establish the minimum number of rooms to create an offering that will work well for the programs this supports (visiting researchers? Guests at Zoo-related conferences or lectures? Corporate hospitality? One-night overnight stay for guests?) look into other "themed" properties that exist, and how they market and sustain themselves look into typical rents and profit margins understand the risks for the business 	 for these brands/ developers, understand their reputation, history, and customer base 	 establish how investment in the project is shared establish how profits from the project could contribute to supporting Your Zoo (ex. 1% for the Planet) 	 explore synergies between the Conservation Campus Accommodation Project and the Nutrition Centre and Restaurant and other food offerings on site strategically prioritize these projects based on these synergies
The Daycare Project	 identify number of students and grade level(s) identify support facilities required (gym, auditorium, others?) identify whether existing or planned Zoo amenities can fulfill the requirements of these support facilities identify whether a kitchen space is needed 	 identify ways in which the project will support Your Zoo's mission, beyond just contributing rent income identify ties to other Zoo activities define "must haves" for Your Zoo define "no-gos" for Your Zoo 	 determine whether there is demand in the area determine whether there is a differentiated education option that would ensure the success of the Daycare beyond the appeal of the animals determine how the Zoo location can be integrated into a curriculum for maximum effect 	 identify who is relevant and experienced in the field in Toronto determine how to bring these Toronto experts to the table likely start with day care/ PreK and 1st grade, and build up 	 establish how the Daycare is funded, externally establish plan for how ongoing maintenance/site investments surrounding the daycare are shared by Your Zoo and partner 	 explore synergies between the evolution of technology development on site and whether the Daycare could be involved as a testing ground for new Zoo technology strategically prioritize projects based on these synergies
Nutrition Centre and Restaurant	 identify price point and audience identify capacity/number of seats identify tie-ins with other proposed activities 	 identify ways in which the project will support Your Zoo's mission, beyond just contributing rent income identify ties to other Zoo activities define "must haves" for Your Zoo define "no-gos" for Your Zoo 	 identify habits and tastes of current Zoo guests based on existing habits and tastes, identify what might appeal to guests identify how a higher-grade restaurant experience could change their Zoo visit (more time spent onsite? return visits?) identify typical rents and profit margins 	• explore which restaurateurs in Toronto make sense when considering this program	 establish how the Nutrition Centre and Restaurant is financed jointly by Your Zoo and private partner establish joint-financing with technology partner for technology within the hydroponic greenhouse 	 explore synergies between the Conservation Campus Accommodation Project and the Nutrition Centre and Restaurant explore synergies between the Nutrition Centre and Restaurant and the Forage Farm strategically prioritize these projects based on these synergies



6.2. PROJECT-SPECIFIC FUNDING FRAMEWORK: IDENTIFYING CONSIDERATIONS TO TEST THE ROADMAP

Idea/case	1. Identify types of programs on which to focus	2. Raise and visualize capital projects potentials	3. Conduct market study	4. Find partners, and define parameters	5. Share the investment	6. Look for program synergies
Zoo Brewery	 identify desired type of brewery (microbrewery, partnership with larger brewer, for example) identify optimal location on Zoo property identify desired new program to develop with the brewery (connection with evening events such as evening walks or speaker series, possibility for new shoulder-season or winter offerings) identify whether the brewery will be experience-based (beers on site) or more brand driven, also offering beer to take away to support conservation 	 identify ways in which the project will support Your Zoo's mission, beyond just contributing rent income identify ties to other Zoo activities define "must haves" for Your Zoo define "no-gos" for Your Zoo 	 understand the minimum seating capacity to make the project viable identify the minimum capacity for the Brewery to effectively support other offerings on site (evening events, daytime events, private gatherings) look into similar mission-based breweries that exist and see how they market and sustain themselves look into existing breweries for examples of forward-looking energy practices, such as cogeneration, or production of heat for buildings and habitats with brewery waste 	 identify breweries or brewers who fit the criteria for these breweries or individuals, understand their reputation, history, and customer base identify the desired branding for the Brewery on site and how this relates back to Your Zoo's mission identify whether the Brewery serves Zoo beer only on site or if it produces beer to serve beyond the site 	 identify how investment in the project is shared establish how profits from the project could contribute to supporting Your Zoo establish how profits from sales offsite could support Your Zoo 	 explore synergies between the Nutrition Centre and Restaurant and the Brewery explore synergies between the Forage Farm and Brewery explore synergies with local microbrewers in the area who may be looking for space and could bring additional new clientele with them
Gondola	 identify desired program for the gondola (rides for groups/individual, guided rides with a host, for example) building on desired program, identify optimal areas of interest on site for this program (determine which stories are best understood from above, for example, stories of animals in vast landscapes, great migrations, connection to aerial surveys performed in conservation) identify desired operation of the gondola program (all year versus summer and shoulder season; opportunity for views over animals that are active at night, partnering with new technology to view them) 	 identify ways in which the project will support Your Zoo's mission, beyond just contributing rent income identify ties to other Zoo activities define "must haves" for Your Zoo define "no-gos" for Your Zoo 	 understand the minimum ride length or duration to make the experience enticing for guests understand the minimum cost of a ride to make the endeavour profitable look into similar rides at other zoos to understand pricing and program opportunities 	 identify possible partners providing similar experiences at other zoos, theme parks, or outdoor scenic destinations understand the history and reputation of each potential partner, and the longevity and success of the projects that they have been involved with 	 establish how the project is funded, externally establish how profits from the project could contribute to supporting Your Zoo 	 explore synergies with the Conservation Campus Accommodation Project (an overnight stay with a ride included) explore synergies with the Nutrition Centre and Restaurant (dinner with a pre-dinner sunset gondola ride, for example) explore how this form of experiential transportation on site complements other offerings (Zoomobile with guided tours, Maglev monorail rides, Tundra Air Ride), bringing something unique





7. PHASING 7.1. CAPITAL PROJECTS: A STRATEGIC SUCCESSION

Phasing of site development focuses on the three main types of interventions - Heavy Lifters, Mighties, and Low-hanging Fruit - and how these work together throughout the Master Plan timeline and beyond. With Heavy Lifters requiring more investment and more time to develop, these become interspersed with Mighties which have slightly less investment from Your Zoo as well as a shorter construction timeline, and Low-hanging Fruit projects which are much smaller in terms of financial input as well as timeline.





7. PHASING 7.1. CAPITAL PROJECTS: A STRATEGIC SUCCESSION

Each of the Heavy Lifters, Mighties, and Low-hanging Fruits has the potential to address pain points as part of their broader development. In this way, site modifications, including major projects and pain points, can work synergistically rather than in parallel with each other. Small pain points may also be addressed in isolation, rather than embedded within a larger project. The largest pain points are addressed earlier on in Your Zoo's redevelopment, while smaller, less pressing pain points are embedded in projects slightly further into the future, but still prioritized. The development of additional external funding could result in modifications to the priorities and timeline.





7. PHASING 7.2. CAPITAL PROJECTS TIMELINE: PRELIMINARY PHASING

With many competing interests onsite, as well as many opportunities for exciting redevelopment, it becomes important to develop criteria for phasing projects in a strategic manner. A list of seven main indicators were developed to serve this purpose. The indicators, listed below, work collectively to allow for a holistic approach to site redevelopment, maximizing how projects can address site challenges while building off of one another in a way that fosters synergies and ensures project success from the start, as well as securing financial stability in the long-term. Your Toronto Zoo will continue to pursue innovative sources of funding for capital projects including public/private partnership opportunities in order to complete some projects contained in the Master Plan sooner than planned.

CAPITAL PROJECTS	DESCRIPTIONS		PRG	RG Funding through City of Toronto, Wildlife Conservancy and other fundraising initiatives	
The Conservation Campus	Multi-purpose event and education space with new entrance gate and welcome plaza. Phase 1: North building, otter habitat; Phase 2 South building - research facilities, partnership opportunity for hotel, conference/event space, theatre with views of orangutan line and plaza				
New Indoor Winter Viewing and Holding (African Savanna)	Flexible animal winter viewing and holding area with year-round event space				
The Saving Species Sanctuary	New flexible and multi-purpose holding spaces for rescued/confiscated/seized animals with access to outdoor habitats and limited guest viewing opportunities (externally funded)				
Nutrition Centre and Restaurant	Relocation and development of new Nutrition Centre with integration of hydroponic facilities, combined dining experience with a guest educational/demonstration area				
African Rainforest Pavillion's Redevelopment	Creation of Gorilland offering exciting 360 trail opportunities for both gorillas and guests				
Americas Pavilion Redevelopment	Americas Pavilion expansion addresses AODA compliance issues, creates better connection between indoor and outdoor spaces and creates expanded exhibits				
The Winter Zoo	Introduction of a "highly programmed" visitor loop in African Savanna that provides a broad range of winter activities				
Jaguar Habitat Expansion	Phase 1: resolve accessibility issues by re-routing existing pathway Phase 2: introduce 360 habitat connection from the existing habitat Phase 3; new jaguar home with habitat expansion				
Tigerline Sumatran Tiger Habitat Expansion With Holding	Phase 1: resolve accessibility issues by re-routing existing pathway Phase 2: 360 habitat connection across ravine; Phase 3; new tiger home with habitat expansion				
Wilderness North + Artwalk	Relocation of Canadian species to the Northeastern corner of the site incorporating yurts for overnight stays and a new artwalk				
The Safari Meander	Expanded habitats with land bridge and rotating species in time-share as well as high-tech interpretive tunnel				
Amur Tiger Habitat Expansion	Increase existing habitat space by utilizing underused adjacent landscape areas (ongoing project, under 2022 budget)				
Core Woods Picnic Area	Enhance existing pedestrian pathways and creating new and improved picnic areas				
Red Panda Climate-Controlled Viewing	Addition of a small, climate-controlled indoor building with viewing area facing into the red panda habitat in the summer				
Sumatran Tiger Habitat Expansion / Boardwalk	Replacement of existing boardwalk to meet accessibility requirements and expansion of existing Sumatran Tiger habitat				
Orangutan Indoor Exhibit	Exhibit modification including habitat improvement				
Hippo House Retrofit	Exhibit modification including habitat improvement				
Himalayan Tahr Exhibit Improvement	Exhibit modification including habitat improvement				
The Forage Farm and Café With Demonstration Site	On site vegetable/plant/browse grounds where we grow food for our aniamls seasonally				
Donor Recognition	Identify new and unique opportunities to recognize donors including incorporating into existing exhibits, as well as in some gathering locations and ongoing as new projects occur				
Fleet of Cargo Bikes	Shared bikes available to staff for goods distribution on site, including cargo and E-bikes and trikes				
Landscape Destinations and Horticultural Displays	Enhance the Zoo horticultural landscape by increasing the planted areas with seasonal/themed floral displays throughout the site				
Tech Nodes At Decision-Making Points	Hubs for interpretation and wayfinding including wifi and technological interpretive displays at key intersections around the site				
Stormwater Ponds Network	Introduce wetlands, cleaning ponds, retention basins; floating wetlands for water improvement, throughout entire network; with educational program opportunities				
Bathrooms Refurbishment	Modifications to washrooms to meet AODA legislation and make the Zoo more accessible to all quests				
AODA Adaptation of Twiga-Africa Restaurant Path	Regrading of path to meet AODA legislation				
AODA Adaptation of America-Africa Restaurant Path	Regrading of path to meet AODA legislation				
AODA adaptation of Lot 2 Parking Path	Regrading of path to meet AODA legislation				
Daycare	New pre-school facility embedded into the Zoo site with direct access off Zoo Road				
Conservation Reserach Centre and Hotel	Hotel/research centre and transportation hub developed with external partners offering on site stays at Your Zoo with views into adjacent species habitats, supporting the Zoo's mission				
Maglev Monorail	Maglev monorail, moving guests around the site and into the valley providing access and additional viewing opportunities; if not viable, considered as an elevated trail				
Biodigestor	Partnership opportunity for processing of community waste, extensive educational and climate change component, opportunity for synergies with Nutrition Centre and Restaurant, Farm				
Zoo Brewery	Partnership opportunity to create an onsite brewery with shared revenue opportunity and unique event space				
Gondola	Scenic overhead ride that moves quests around our site providing a birds eye view into various animal habitats				
Viewing Tower	Nestled in the heart of African Savanna view our African Savanna species from an elevated tower experience				

	INDICATORS (prioritized):	PROJECT EXAMPLES:	REASONS:
	Addressing AODA requirements by 2025	Indo-Malayan bridge & plaza	Accessibility and welcoming everyone
1	2 Front-loading projects addressing the main painpoints	Winter holding	Improving animal welfare and guest experience as a priority
;	Front-loading revenue generating hot spots	Winter indoor holding or conservation campus	Extend operating hours and the season and improve financial viability
4	Launching back-bone projects	Ponds network	Starting today to implement projects attached to it
1	5 Spreading capital investments evenly over time	Balance Heavy Lifters, Mighties and Low-hanging Fruit	To manage the 10 year Capital Works Program
(Aiming for yearly project announcements and inaugurations		Celebrating accomplishment and new offerings regularly! Sustaining momentum!
	7 Exploiting potential synergies	Nutrition Centre and Restaurant + Biodigestor	Gaining maximum impact from each new project and reducing costs
,	Giving the go to a partner coming with a budget and projects	As opportunities are presented	

Legend

PP: Project addressing pain points/problem areas OP: Project takes advantage of an existing site opportunity beyond solving a problem RG: Revenue-generating projects Project announcement, building momentum towards groundbreaking Project inauguration Continuous/ongoing project (series of smaller, connected projects continually being developped) Project construction timeline









8. YOUR ZOO, YOUR IMPACT 8.1. A GLOBAL AND LOCAL LEADER AND PARTNER: YOUR TORONTO ZOO

While Your Toronto Zoo has an incredible site to offer, with amazing experiences that are tied to the unique location, incredible species, and presence of staff and volunteers who create fun and memorable experiences, it has also developed an incredible offsite presence. Being able to offer programming beyond its site boundaries - especially through digital means - allows Your Zoo to engage with an even broader range of audiences, and to bring new guests to Your Zoo, virtually, for engaging, and impactful experiences. Using tools to connect digitally, Your Zoo is able to engage with different audiences, and to pique the interest of the next generation of conservationists, climate scientists, philanthropists, volunteers, and future staff, in a way that allows it to create ripples far beyond its site in Toronto. Your Zoo continues to expand its offsite presence to maximum its reach and impact.











8. YOUR ZOO, YOUR IMPACT 8.2. A LIVING DOCUMENT CREATED TOGETHER, WITH YOU!

The work of creating a new Master Plan is a task that has involved many conversations with a diverse range of contributors. Your feedback has been invaluable in ensuring that Your Zoo reflects your aspirations for our collective site, in an aim to establish Your Zoo as a place that is even bolder, more diverse, and more equitable. Thanks to these many conversations Your Zoo will reflect not only the high ambitions that it sets for itself, but will also foster partnerships with organizations and individuals passionate about animal welfare, community engagement, conservation, and sustainability in the face of climate change. Together, we are creating a Zoo that is expanding its role, forging innovative, new partnerships, and inviting more of the community in, while also giving more back. Thank you to the incredible contributors who have taken time to add your voices to this collaborative process.







YOUR TORONTO ZOO MASTER PLAN 2022





RAA Planning Design Media





TOWN 🖪 SQUARE

wsp

Prepared by:

Mandaworks Design Studio

Master planning, public spaces design, and project management

In consultation with:

Ralph Applebaum Associates

Live exhibit design and interpretation

Re:Public Urbanism

Public consultation and stakeholder engagement

Fennessy Consulting Services

Cost estimation and phasing

Town Square

Funding strategies and revenue generation

Momentum Site circulation

WSP Technology Master Plan



REFERENCES **IMAGE CREDITS**

P 6		Source: Daniel Neuhaus, Toronto Life	P 12
		https://torontolife.com/city/it-costs-1-million-a-year-to-feed-the-animals-how-the-toronto-zoo-is- functioning-without-revenue/	
P 6	he /	Source:	P 12
		Steve Russell, Toronto Star https://www.thestar.com/news/city_hall/2017/06/26/a-look-inside-toronto-zoos-new-state-of-the- art-wildlife-health-centre.html	
P 6	AL PARTIE	Source: Chester Zoo	P 12
		https://propermanchester.com/news/chester-zoo-tickets-sell-out-straight-away-due-to- unprecedented-demand/	
Ρ7		Source: Dissocean, Facebook	P 12, 36
	14	https://www.facebook.com/dissocean/photos/a.2256436367720875/2851431341554705/?type=3 &theater	00
Ρ7		Source: City of Toronto Parks, Forestry and Recreation, Twitter	P 27
	No.	https://twitter.com/TorontoPFR/status/1220368513816309762/photo/1	
Ρ7		Source: San Diego Zoo Safari Park	P 27
		https://visitoceanside.org/travel-tips/san-diego-wild-animal-park/	
P 8	20	Source:	P 27
	and them	Julie Kinnear, Hidden Nature Gems in Toronto https://juliekinnear.com/blogs/hidden-nature-gems	
P 10	000	Source:	P 27
		Camp Zoo at the Phoenix Zoo, Bear Essential News https://bearessentialnews.com/listing/2021/summer-camp/camp-zoo-phoenix-zoo	
P 10		Source:	P 27
		Daniel Neuhaus, Toronto Life https://torontolife.com/city/it-costs-1-million-a-year-to-feed-the-animals-how-the-toronto-zoo-is- functioning-without-revenue/	
P 12	1	Source:	P 27

P 12



-

Source:

Advanced Mobile Group

Source:

Cincinnati Zoo and Botanical Garden https://cincinnatizoo.org/plan-your-visit/zoo-access-for-all/

Source:

Reddit, u/moonsha00 https://www.reddit.com/r/Pixel4/comments/ejrsmb/terra_lumina_the_toronto_zoo_with_my_ pixel_4/

Source:

Renée Suen, Toronto Life works/

Source:

Toronto skyline (mikecphoto/ Shutterstock) https://dailyhive.com/toronto/toronto-skyscrapers-skyline-video-2019

Source:

Rouge Valley fall Colours Finch Meander, by Jim Robb https://environmentaldefence.ca/2016/10/28/city-park-rouge-river-valley/

Source:

Olivier Romo https://tokyocheapo.com/entertainment/mori-building-digital-art-museum-teamlab-borderless/

Source:

Bloordale Park, Toronto, Utcursch https://commons.wikimedia.org/wiki/File:Bloordale_Park,_Toronto.JPG

Source:

Nike Lewman https://unsplash.com/photos/YDOcHf3suF0

Source:

Giving Compass https://givingcompass.org/article/countries-band-together-to-save-central-african-rainforest/



Source. YouTube, NewCaCom https://www.youtube.com/watch?v=MOgtNkeziJg

TORONTO ZOO MASTER PLAN https://www.advancedmobilegroup.com/blog/why-rfids-for-museums-make-so-much-sense

https://torontolife.com/food/heres-whats-summer-wednesdays-dinner-menu-evergreen-brick-



REFERENCES **IMAGE CREDITS**

P 28	A CONTRACT	Source: Reuters/Juan Carlos Ulate https://www.washingtonpost.com/news/speaking-of-science/wp/2015/03/17/this-scientist-rates- and-describes-insect-stings-as-if-they-were-fine-wines/
P 28		Source: Boas notícias. https://www.nit.pt/fora-de-casa/ja-pode-ficar-em-parques-e-bancos-de-jardim-a-partir-de-segunda- feira
P 28		Source: Dynamite https://dynamiteevents.co.uk/case-study/indoor-festival/
P 28		Source: Metroland file photo https://www.toronto.com/community-story/8037221-toronto-zoo-keeps-watchful-eye-on-animals- during-deep-freeze/
P 28		Source: Human Brain Project https://www.humanbrainproject.eu/en/education/LabVisits/
P 28		Source: Laura Watilo Blake https://clevelandmagazine.com/things-to-do/outdoors/articles/camping-cleveland-the-wilds'- safari-is-a-roaring-good-time
P 29		Source: Eddie Chau https://canada247.info/explore/ontario/toronto_division/toronto/scarborough/toronto_zoo_ wildlife_health_centre.html
P 29	Re-A	Source: Mike Adler, Scarborough Mirror https://www.toronto.com/news-story/1489743-toronto-zoo-s-buddy-and-pedro-penguins-now- proud-fathers/
P 29		Source: RHI, National Zoo Conservation Pavilion https://rhiplaces.com/national-zoo-conservation-pavilion/
P 29	-0.0	Source: Sandi Sisti https://blog.nwf.org/2016/05/five-places-to-watch-wild-bison-roam/

P 29

P 29

P 36

P 36

P 36

P 36

Source:

Genetic Literacy Project corn-x-.jpg

Source:

Henrik Sorensen, Polar Bear in Water; Getty Images https://fineartamerica.com/featured/1-polarbear-in-water-henrik-sorensen.html

Source:

Jane Purnell, Types of Termites: How They Differ https://www.lawnstarter.com/blog/pest-control/types-of-termites-how-they-differ/

Source:

Christian Columbres

Source:

Tham & Videgård Architects, Treehotel https://www.designartmagazine.com/2013/10/the-sought-after-treehotel-in-sweden.html

Source:

Forest Park Statues and Monuments, Turtle Playground http://www.forestparkstatues.org/turtle-playground

Source:

U of T, Scarborough https://www.utsc.utoronto.ca/athletics/rouge-valley-hike

Source:

NYSCI, Connected Worlds https://classic.nysci.org/experiencenysci/exhibits/connected-worlds/

Source:

Neowin

Source:

Tannis Toohey https://www.thestar.com/yourtoronto/once-upon-a-city-archives/2015/08/13/once-upon-a-city-thebeginnings-of-the-toronto-zoo.html

PERSONAL PROPERTY IN





















https://content.geneticliteracyproject.org/wp-content/uploads/2019/11/organic-hillside-sweet-

https://www.archpaper.com/2020/02/2020-us-woodworks-wood-design-awards-category-winners/

https://www.neowin.net/news/ces-2018-lgs-booth-has-an-oled-canyon-super-thin-tvs-and-more/

