ECO-BARRIO 7 DE AGOSTO

PRODUCTIVO, VERDE E INCLUSIVO



C40 STUDENTS REINVENTING BOGOTÁ

PROPOSAL

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At Plaza Distrital de Mercado 7 de Agosto (Yuruten, 2019)

JUNE 2021

ECO-BARRIO 7 DE AGOSTO

VISION FOR A PRODUCTIVE, GREEN AND INCLUSIVE NEIGHBORHOOD

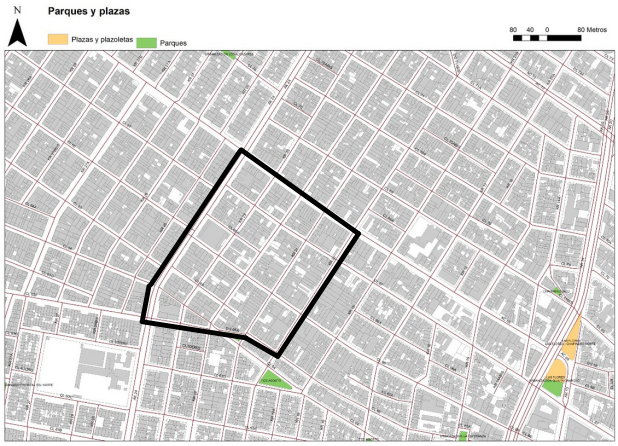


Graphic Deliverable #1: InnovaPlaza [created by Katherine Huang]

Whether parking your bike at the upcycled bike rack to buy some *aguacate* or snapping a photo of your favorite eco-mural at the *parqueadero de bolsillo*, the sense of local pride is felt on every street corner of this **productive**, **green**, and **inclusive** eco-neighborhood. The smell of freshmade *buñuelos* emanates from the bustling *plaza de mercado*, now attracting nearby Las Colmenas business owner-residents to dine and relax in the adjacent InnovaPlaza. *Vallenato* buskers serenade children reading at the Paradero Paralibro Paraparque. An elderly couple meets friends at the wheelchair-accessible picnic tables and admires the *caucho sabanero* trees that their neighbors planted in last year's community planting program. In the evening, the *talleres* workers, students, and international tourists stroll along the solar panel-lit and litter-free sidewalks or cycle down the new glow-in-the-dark bike path to reach home, the Transmilenio station, or a nighttime outdoor Zumba class in InnovaPlaza - all within a 20-minute radius. Welcome to el Eco-Barrio 7 de Agosto in 2035.

CONTEXT

BACKGROUND AND CHALLENGES



Site map depicting (lack of) green and public spaces [created by Melissa Castillo Suárez]

Located at the heart of the Barrios Unidos locality, in the Alcázares Zonal Planning Unit (UPZ), the ***plaza de mercado*** and the **industrial workshops** are the area's main drivers of the local economy. The *plaza de mercado* is also a source of local cultural and historical pride, offering a wide variety of local food and artisanal products and serving as a local meeting spot for connecting with community members. However, various challenges are hindering these disparate sectors from reaching their full potential of urban activity at neighborhood level. The **traffic congestion**, **disorganized street parking**, and **inefficient goods delivery system** make the market exterior inaccessible and uninviting. Here and throughout the rest of this four-by-five block area, **litter**, **inconsistent sidewalks**, and **insufficient street lighting** make unmotorized vehicle transport nearly impossible and dangerous, with consequent worsening road conditions, residence abandonment, and noise/air pollution.



Cl. 66 con Cra. 23 - Bogotá, Colombia (Google Maps, 2019a)

APPROACH

OPPORTUNITIES FOR REVITALIZATION

Productive atmosphere: Currently, the area is dominated by vehicle repair and manufacturing commercial activity, and opportunities for such productivity can also extend to other sectors that meet retail, dining, and medical needs, allowing the area to offer residential comfort and convenience, as well as more socio-economic inclusion.

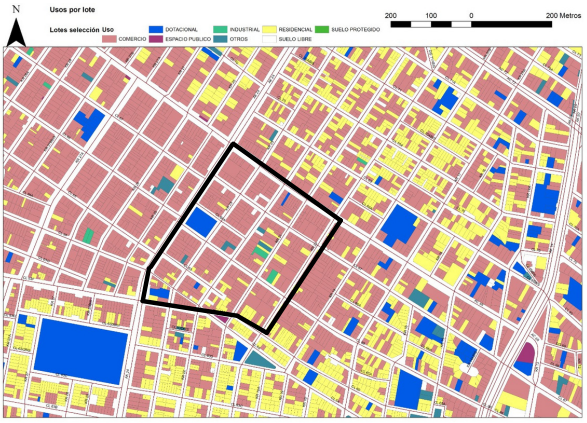
Vertical space: The site area is densely constructed, and most buildings have 1-2 floors. Taking advantage of the vertical (above and underground) space will allow for new green and cultural public spaces to be built with limited displacement.

Local arts and cycling culture: Bogotá is home to flourishing and pioneering painting and *cicloruta* (bike route) initiatives, increasing the likelihood of familiarity and interest in such interventions for 7 de Agosto community members.

Ongoing urbanism innovations: Similarly, tactical urbanism projects are making waves across the city, therefore mobilizing this already-active community will introduce vetted, successful approaches to community participatory neighborhood reinvention.

Climate for renewable energy: Bogotá has great potential for solar energy sourcing due to its high elevation, and it is also on track to expand its capacity and support for low emissions, climate resilient neighborhoods.

Existing infrastructure and resources: Reuse and upcycling of old car and bicycle parts can be incorporated into new leisure and recreational equipment (i.e. benches, bike racks, etc.) to fuse the mechanical and artistic character of the area. Rather than demolition and reconstruction, interventions can focus on renovation and innovation of useful infrastructure.



Site map depicting type of property uses/activities
[created by Melissa Castillo Suárez]



Site map depicting number of constructed floors in buildings
[created by Melissa Castillo Suárez]

MASTER PLAN

This proposal suggests an innovative and comprehensive plan for reviving Bogotá's Plaza de Mercado 7 de Agosto and the surrounding catchments largely home to automotive and bicycle *talleres* (workshops) and severely lacking in cultural, green, and public spaces. In alignment with the action units "Barrios Vitales" and the city's Climate Action Plan (CAP), the recommended interventions intend to accelerate Bogotá's climate agenda by decarbonizing this dense, urban area, and improve the quality of life for its local community by transitioning the area to a collectively residential, commercial, recreational, and cultural eco-neighborhood. Each intervention proposed for cultivating el Eco-Barrio 7 de Agosto is characterized according to the three iconic characteristics of this neighborhood:



Master Plan Map of Eco-Barrio 7 de Agosto [computer drawing by Katherine Huang]

PRODUCTIVO

Capitalizes on the thriving productivity of the area, increases the efficiency of mobility, and diversifies commercial activities

VERDE

Creatively incorporates greenery into new public spaces, strengthens the sense of ownership and agency, encourages healthier mobility, and powers its productivity with renewable energy

INCLUSIVO

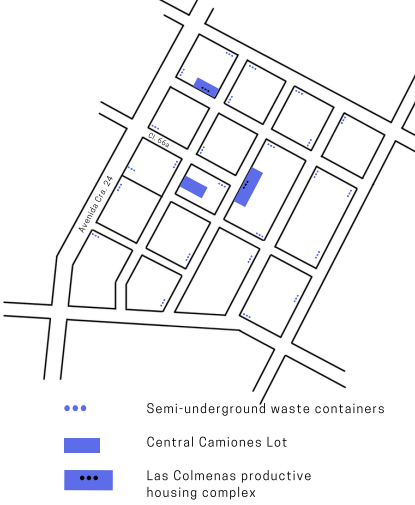
Builds safe, multi-functional outdoor spaces to host cultural activities that welcome and mobilize visitors, residents, and workers of different ages, abilities, gender identities, and socio-economic strata

UN BARRIO PRODUCTIVO

LAS COLMENAS

PRODUCTIVE HOUSING COMPLEXES

New productive eco-housing complexes will complement the thriving commercial and industrial activities with integrated **residential opportunity** by emulating the dynamic, unified, and productive atmosphere of beehives (*colmenas*). This project expands and diversifies an iconic Colombian model of **utilizing vertical space** for residents to **make a living close to home (C40 Principle 1)** and cater to the diverse needs of a self-sufficient *eco-barrio*, exploiting the existing entrepreneurial spirit emanating from the *mercado* and the *talleres*.





The Provider Productive Center - Montalvo, Ecuador © JAG Studio



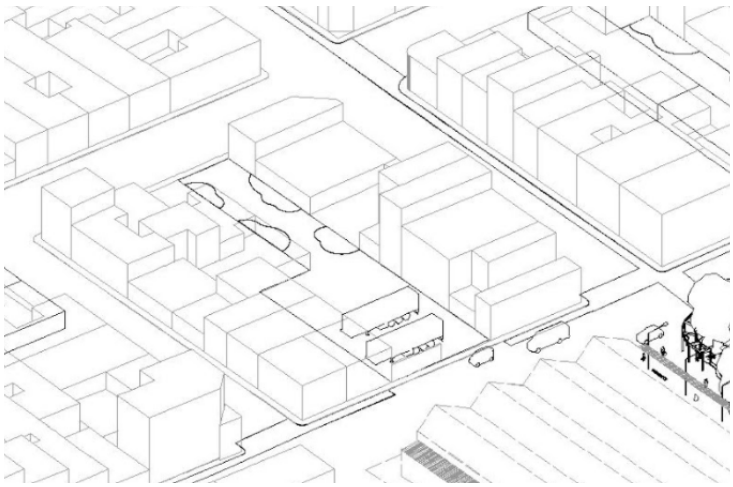
6740 Cra. 21 - Bogotá, Colombia (Google Maps, 2019b)

Charters for all Colmena complexes will foster **sustainable lifestyles (C40 Principle 9)** and require the inclusion of older, disabled, varying-income residents to stimulate **social diversity**. Rooftop solar panels will power at least 50% of each complex's electricity. Community or public access roof gardens will increase the Eco-Barrio's **green and public spaces**.

Establishing the first pilot Colmena complex can begin in Phase 2 (and a second complex in Phase 3) by r**enovating unused or abandoned properties** and relocating some businesses. Similar successful productive housing can, for example, be found in Montalvo, Ecuador with "The Provider Productive Center" (ArchDaily, 2020).



Graphic Deliverable #2: Las Colmenas Productive Housing Complex [created by Katherine Huang]



Aerial view of Central Camiones Lot [CAD sketch by Gabriela Castro Ortega]

CENTRAL CAMIONES LOT

EFFICIENT GOODS DELIVERY

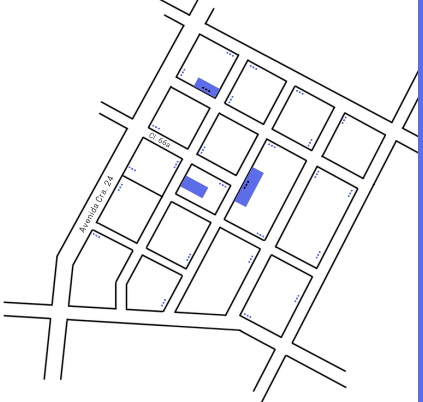
To eliminate the **traffic congestion** and lower **air and noise pollution** immediately around the *mercado*, the *parqueadero* on Carrera 23 will be converted into a central delivery truck lot. By **reusing the current infrastructure** as much as possible, this project requires minimal construction, and maintenance will be part of the 7 de Agosto Cash for Work (CFW) program under the facilitation of IPES (Instituto para la Economía Social).

According to an organized, coordinated schedule among all *mercado* vendors, trucks park here temporarily, offload their goods and truckers can take a break. This system **increases the productivity and efficiency of goods delivery**; ensures **sustainable maintenance** of the space at the grassroots level; allows **more sidewalk pedestrian mobility**; and **enhances the accessibility** to the *mercado*'s entrances, surrounding shops, and mural art exhibits. This project can start in Phase 1 ahead of turning Calle 66 (between Cra. 23 and 24) into the InnovaPlaza outdoor leisure space.

UN BARRIO PRODUCTIVO

COMPREHENSIVE WASTE MANAGEMENT

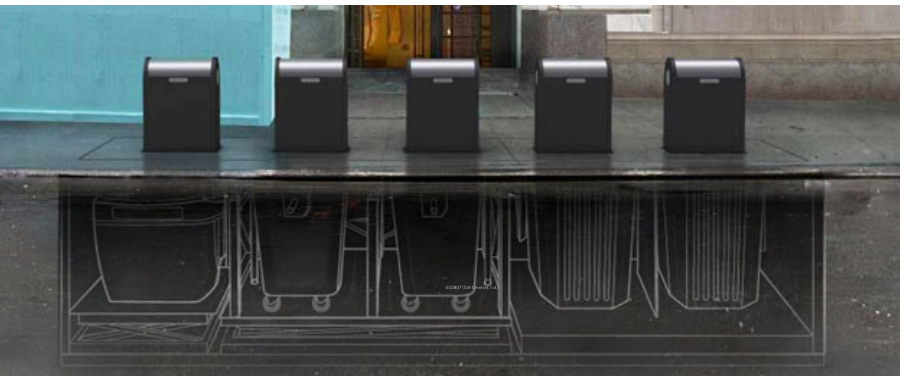
SEMI-UNDERGROUND WASTE CONTAINERS



Essential waste management infrastructure should be installed in Phase 1, consisting of **semi-underground dumpsters** for collecting individual trash and large residential or *mercado* vendor trash bags, **minimizing spatial and olfactory pollution**. Successful implementations can be found in cities around the world, like Florence, Italy's COVID-friendly containers with foot levers (Nord Engineering, n.d.); or in Rotterdam, the Netherlands, where the platforms discourage disposal outside of the containers (Gemeente Rotterdam, 2018). The Bogotá Limpia waste collection service must work with la Unidad Administrativa Especial de Servicios Públicos de Bogotá to facilitate **capacity-building** for adjusting to **new collection services** and installing the most **efficient equipment**.



Underground waste containers on platea - Rotterdam, the Netherlandsu (Gemeente Rotterdam, 2018)



Underground waste system (Formato Verde, n.d.)



Waste container with foot lever - Florence, Italy (Nord Engineering, n.d.)

¡ASÍ RECICLAMOS! COMMUNITY RECYCLING SOCIAL MEDIA CAMPAIGN

To engage the barrio community in keeping their **streets free of litter** and **scale up recycling (C40 Principle 7)** the social media campaign "¡Así reciclamos!" will encourage people to participate in a periodic online contest by posting photos of themselves properly recycling for a coveted prize (i.e. *mercado* vouchers). This campaign can start after the installation of the semi-underground waste containers, and later on, the barrio can **partner with smart recycling companies** to offer immediate automated rewards for proper plastic disposal, like Ecobot has done in multiple locations around Bogotá and also with schools in the area to **raise awareness about the importance of recycling among young people**.



Encouraging recycling - Cali, Colombia (soyecobot, 2016)



El compostaje - Bogotá, Colombia (Más Compost, Menos Basura, 2020)

ORGANIC WASTE SEPARATION FOR COMPOSTING

In Phase 2, the *mercado* will transform its organic waste into **circular resources (C40 Principle 7)** by partnering with La Union Temporal de Residuos Verdes and UNU-FLORES to design and implement a **composting program** based on experience from previous projects (i.e. in Cajicá, Colombia (Rivera Machado, 2019)) in a pilot program for separating unsold/rotting fruits and vegetables from general trash for special incentives (i.e. lower *mercado* stall rental fees). This **multi-stakeholder initiative** can expand to the Eco-Barrio's restaurants and residences in Phase 3.

UN BARRIO VERDE

SOLAR ENERGY

In addition to low-emissions mobility, the Eco-Barrio will actively join Bogotá's **low-emissions renewable energy revolution** set out in the Climate Action Plan by incentivizing businesses and residents to retrofit for **solar energy systems (C40 Principles 5-6)**. Under the incentive, energy suppliers will buy any excess electricity the solar panels produce and pump it into the energy grid.

Las Colmenas complexes and the *mercado* roof also offer opportunities for **localized energy consumption**. In implementing solar panel power, local students specialized in green energy (i.e. from la Universidad Distrital Francisco José de Caldas) will have an opportunity to get involved and help design the solar energy systems and partner with local energy firms (i.e. Greencol Energy SAS).

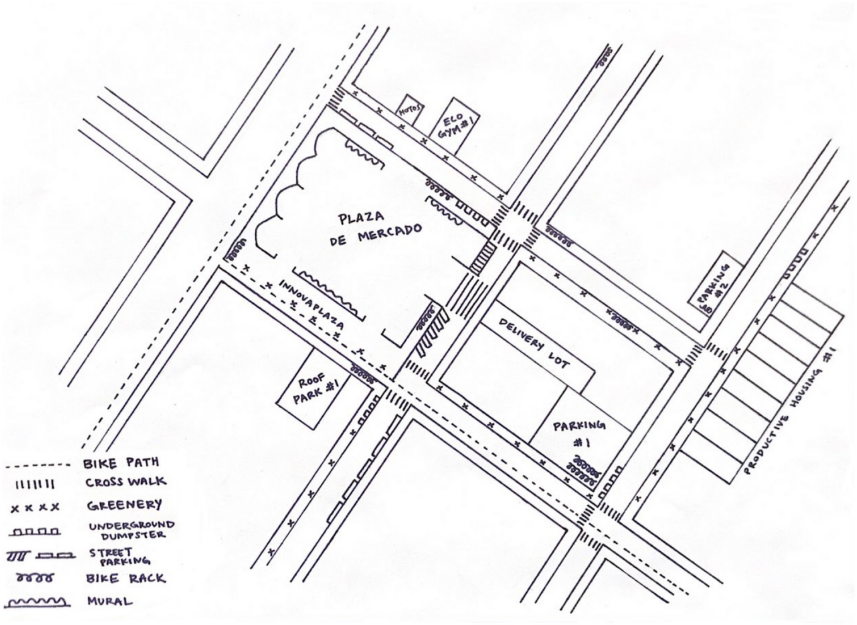


Solar Street Light
(Tianxiang Electric Group Co., n.d.)





Edificio de Barcelona con placas solares en el techo - Barcelona, Spain
(Cortadellas, 2018)



Overview of Interventions surrounding Plaza de Mercado 7 de Agosto
[hand drawing by Katherine Huang]

BICICLARRIO

As part of the barrio-wide transition to low-emissions mobility, also driven by the Secretaría Distrital de Movilidad in Bogotá, cycling will gradually become the dominant form of vehicle transportation. To attract more bicycle traffic and facilitate local bicycle use within this 20-minute neighborhood, two perpendicular **bike lanes** will be built along Cl. 66 and Cra. 24 to connect to the Cicloruta on Cl. 68 (Phase 1). A safe and green solution is a **glow-in-the-dark bike path** (i.e. once tested in Poland (Chow, 2016)), which uses material that emits light after being charged by the sun. Moreover, at least 50% of streets will host **bike rack stations**, which will be made of old bike and industrial parts reflecting the original **industrial character** of the neighborhood. Inspiration was drawn from the reuse of bicycles as gates in Reykjavik, Iceland (Wallpaper Flare, n.d.). This type of **people-centered mobility (C40 Principle 2)** will provide quick parking for shoppers and encourage private and secure bicycle ownership. By applying the same light-emitting material as for the bike paths, safety measures will continue to be implemented.





Blue bicycle gate at daytime - Reykjavik, Iceland (Wallpaper Flare, n.d.)



The first bicycle path that lights up at night - Poland (JagielloPawel, 2016)

UN BARRIO VERDE

COMMUNITY PLANTING PROGRAM

Studies show community gardening improves the health and wellbeing of people of all ages (Lovell et al., 2014). In becoming **an eco-barrio for everyone (C40 Principle 4)**, 7 de Agosto will gradually increase the **greenery lining streets** every few years with a community planting program. Inspiration for this intervention was drawn from the student planting program in Virginia, U.S.A., which was dedicated to increasing and maintaining urban green spaces as a way to give back to the community (VCU Office of Sustainability, 2020). The Jardín Botánico and **tactical urbanism** organizations and initiatives, such as #BogotáReverdece, can partner to provide materials and to guide and educate participants in the planting of **local flora** such as *caucho sabanero* and *chicalá amarillo* trees (right). Each Phase will target new streets without greenery to eventually reach **70% of street coverage**.




Caucho Sabanero (civicobogota, 2015)


Chicalá Amarillo (Gov.co, 2018)


Virginia Commonwealth University students plant containerized trees - Virginia, U.S.A. (VCU Office of Sustainability, 2020)

PARQUE(ADERO)S DE BOLSILLO

UNDERGROUND PARKING GARAGES BELOW POCKET PARKS

A major parking project will transform the Eco-Barrio by converting the existing *parqueadero* on Cra. 22 into an **underground parking garage**, topping it with **street-level greenery (C40 Principle 8)** in the form of "**pocket parks**." The first Parque(adero) de Bolsillo will offer an oasis of green around 7 de Agosto and combine beauty and utility as well as enhance car noise abatement and reduce heat islanding. An example of the envisioned *parqueadero de bolsillo* was designed for the existing lot located at 2231 Cl. 66 (right).

In Phase 1, local residents will be consulted while considering the technical feasibility of the project. When all preparation is done, construction of the first Parque(adero) de Bolsillo will start in Phase 2 and the construction of a second *parqueadero* will begin at the end of Phase 2. Having local architects and construction firms as well as experts for underground construction interplay with landscape gardeners, residents, and the Jardín Botánico de Bogotá, will ensure a holistic approach and help create more **natural space** in the area.



2231 Cl. 66 (Parqueadero) - Bogotá, Colombia (Google Maps, 2013)

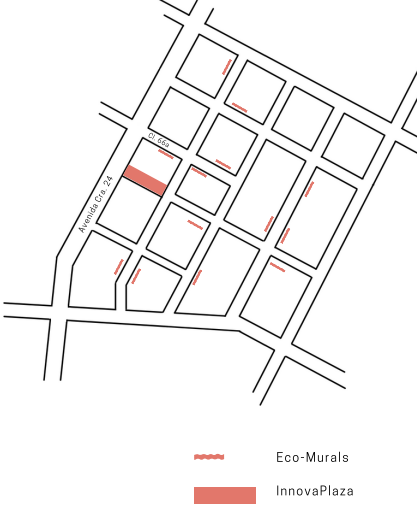


Graphic Deliverable #3: Parqueadero de Bolsillo [created by Katherine Huang]

UN BARRIO INCLUSIVO

INNOVAPLAZA

OUTDOOR LEISURE SPACE





Calle 66 - Bogotá, Colombia (Google Maps, 2019c)

An iconic feature of Eco-Barrio 7 de Agosto is the abundance of public, cultural, and green spaces. As a bold first step, Cl. 66 between Cra. 23 and Cra. 24 will become a **pedestrian zone** serving as an outdoor leisure space, called InnovaPlaza. Residents, workers, and tourists can gather here to relax, connect, dine and celebrate holidays. This area will be furnished with **solar-powered, age-friendly** and **ability-inclusive** green furniture that incorporates upcycled bicycle or car parts. A diverse team of architects, urban planners, municipality representatives, and 7 de Agosto community members will **co-design and co-implement** a feasible layout for this outdoor plaza.

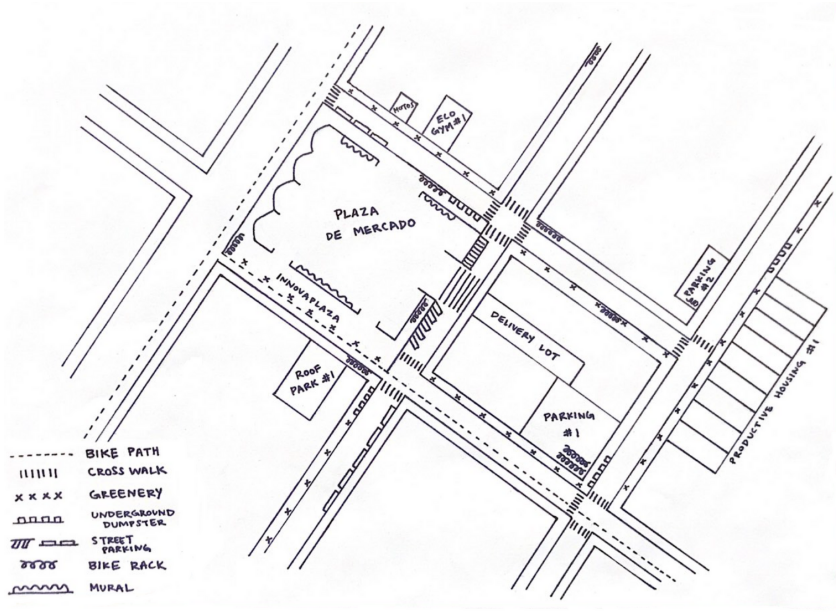


Graphic Deliverable #1: InnovaPlaza [created by Katherine Huang]



Kids at a Paradero Paralibro Paraparques - Bogotá, Colombia (Lastreto, 2019)

Construction, installation, and maintenance will operate within the CFW program. Every year, IPES can collaborate with Bogotá's many tactical urbanism organizations such as Bicistema, Barrio Vitales, or independent groups of Bogotanxs to support the community in painting beautiful designs for crosswalks and kids games and in planting greenery, perhaps with the support of the Jardín Botánico. Other features include a **performance area** for buskers or events (e.g. during the Festival de Eco-Murales), wheelchair-accessible picnic tables, tree benches, and a **Paradero Paralibro Paraparque** (outdoor public micro-library). A bike lane will increase visibility of the mercado and plaza and connect the area via bike transit to the main *cicloruta* on Cl. 68. This pedestrian area could serve as a **pilot project** for other street-to-plaza areas in Bogotá. Construction of InnovaPlaza should start in Phase 2 or sooner, to maximize the economic growth and recreational enjoyment to follow.



Overview of Interventions surrounding Plaza de Mercado 7 de Agosto [hand drawing by Katherine Huang]



Repurposed bicycle parts (The Owner-Builder Network, n.d.)



Green city tire installation (Masetto, 2011)

UN BARRIO INCLUSIVO

FESTIVAL DE ECO-MURALES



Exploiting the vibrant local Bogotá mural art culture, 7 de Agosto will revitalize the barrio's wall spaces by hosting an annual **eco-mural painting festival and competition** that awards local artists with publicity via prime location wall spaces to be featured year-round and during the festival. To curb paint-related pollution, artists can be encouraged to use **air-cleaning photocatalytic paint** (Ozdemir, 2020), as implemented in Poland's Converse environmental campaign (Hagopian Arts, n.d.). The festival will bring **environmental education through art** during **daytime and evening events**. Each year as the festival evolves, local artists, students, and community members will be the main drivers of cultural expression, professional development, and enjoyment of the activities.



A mural in Wynwood on marine life extinction - Miami, U.S.A. (Gamboa, n.d.)


Women rock Wynwood Walls at Art Basel - Miami, U.S.A. (Cooper, 2013)

In Phase 1, 2-4 mercado (interior and exterior) wall spaces will be awarded to **local artists (at least 50% women)**, featuring interpretations of socio-environmental themes like "Bogotá's Endangered Species" or "Visions of a Green Colombia." In Phase 2 and Phase 3, minor participation will extend to **national and international artists**, partnering with Bogotá-native organizations like Graffitistreet. Local students and volunteers will be invited for **workshops and apprenticeships** to encourage **diverse participation and professional opportunities in the arts**. Wall canvases will increase in number and be designated in spaces across the neighborhood to **decentralize tourism and economic activity**. To increase nighttime safety and promote the murals, **solar-panel spotlights** could be installed.



Wynwood Walls - Miami, U.S.A. (The Next Miami, 2018)

This event will aim to be as inclusive as possible: free of charge, with reserved spaces for informal street vendors to sell snacks, and with food truck discounts. It will be an opportunity for the local "eco-residents" to share the area's **historical, productive independence** to the world and that modern sustainable 20-minute cities are possible without gentrification and invasive reconstruction. A planning committee of local artists, Las Colmenas residents, mercado vendors, environmental organizations, and the municipality can work with IPES and sponsors, such as Tag Colors, to organize this low-cost, profitable series of events. Visitors from around the neighborhood, city, and beyond will be able to admire and learn from **free public art**, similar to the Wynwood "urban graffiti museum" in Miami, U.S.A. (The Next Miami, 2018).


Typhoon Cleanup Cash For Work program - Tacloban, The Philippines (The New Humanitarian, 2013)

CASH FOR WORK PROGRAM

The construction, maintenance, and repair processes of these proposed interventions will use an adapted form of the Cash for Work Program (CFW), which is typically applied around the world for labor-intensive disaster relief projects. In the 7 de Agosto context, the municipality and construction companies will provide **temporary employment to unskilled and semi-skilled workers** throughout the process of transforming the neighborhood and periodic road maintenance. This initiative will offer income and upskilling opportunities for **unemployed** and/or **informal workers.**

Successful CFW projects have **mobilized vulnerable communities** in Takhar and Badakhshan, Afghanistan for building roads, bridges, water supplies, as well as in Tacloban, the Philippines for survivors cleaning up typhoon debris (Harvey et al., 2009; The New Humanitarian, 2013). Repairing the Eco-Barrio's streets and sidewalks, renovating the *parqueaderos*, and constructing InnovaPlaza require a large workforce to complete efficiently and successfully. Through effective coordination, this program grants the community with **a sense of ownership and agency**. They will also have access to temporary employment opportunities for learning **transferrable skills for green jobs (C40 Principle 10)**, while building and maintaining beautiful, comfortable spaces. The program will be launched in Phase 1 and continue throughout Phase 2 and Phase 3.

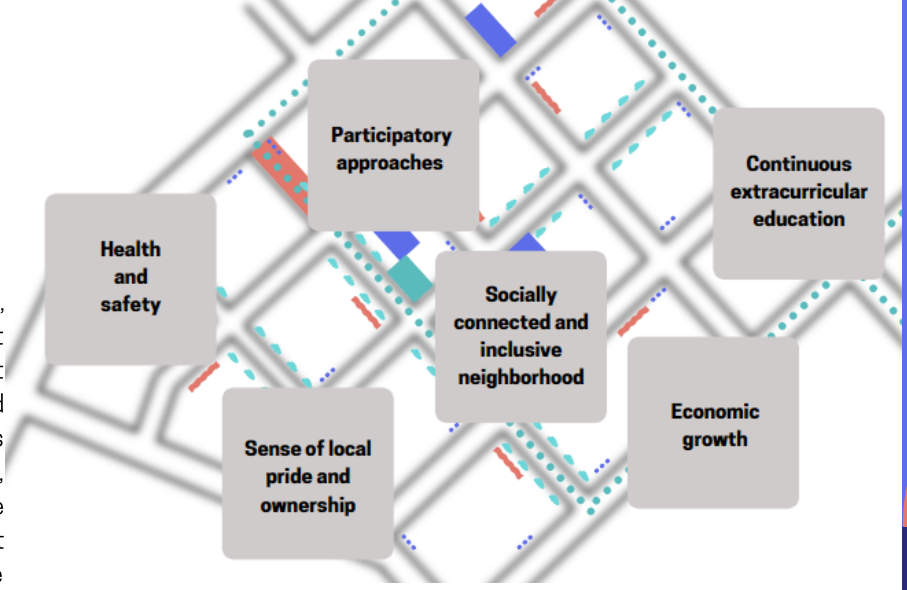
ENVIRONMENTAL ASSESSMENT

In alignment with the development of Bogotá's **Climate Action Plan**, the Eco-Barrio 7 de Agosto proposal suggests various interventions to lower emissions and to address potential climate change impacts. To offset the lack of green spaces, high emissions and poor waste management, and to make this important neighborhood compatible with a sustainable city model and better living conditions for the community, a *Soluciones Basadas en la Naturaleza* approach has been followed.

GOALS	ACTIONS	EXAMPLES
Reduced air & noise pollution	• Gradual **reduction of motor vehicles** passing through the neighborhood and contributing to air/noise pollution by transferring parking areas to underground garages • Improved ***mercado* access** and **alleviated traffic congestion** with centralized delivery truck lot of heavy load vehicles	
Lower GHG emissions	• Incorporation of significantly **more local flora** into the urban landscape for health and aesthetic benefit • Activating **environmental literacy and awareness** among the community especially with regards to waste management, biodiversity, and climate change	
Higher CO2 absorption	• Providing safe, convenient **bike paths** that connect to the main transit system and transition the community to using bicycles rather than motor vehicles as preferred transportation • Using/building furniture made of industrial and **upcycled parts**	
Less heat islanding	• Implementing a comprehensive **waste management system** including recycling, waste separation, and access to receptacles • Hosting **composting initiatives** to prevent more organic waste ending up in landfills and to enrich soil	
Preservation & efficient use of resources	• Encouraging residents, businesses, and the *mercado* to **retrofit roofs for solar energy systems** to cover own usage and pump back remaining energy in the centralized energy grid	

CONCLUSION

UN ECO-BARRIO THAT BENEFITS THE WHOLE COMMUNITY



Greener streets, better waste management, centralized delivery lot and increased focus on soft mobility, improved quality of the streets and street furniture such as bike racks, benches, waste bins and lamp posts will directly and indirectly improve people's **health and safety**. Greenhouse gases will be reduced, thus improving air quality. Cleaner streets and a more aesthetically attractive neighborhood will attract people to cycle, walk and relax outside. Lit-up and more aesthetically attractive areas are also suggested to have lower crime rates (AGORA, 2018; Naik et al., 2015) thus improving the safety of the residents. The Festival de Eco-Murales, entrepreneurship, and business incentives through the productive housing will show the residents, workers and newcomers that it is worth investing in their neighborhood and will help them connect to their cultural heritage thus instilling a **sense of local pride and ownership**. It will also strengthen relationships across sectors and among diverse residents, and create a more **socially connected and inclusive neighborhood**.

Engaging the local residents through short and long-term participatory approaches will also give community members agency as **active decision-makers in the design process** for their own public spaces, such as InnovaPlaza, and are stimulated to invest their time and energy by helping to **plant trees, rebuild, paint and beautify the neighborhood**. The Cash for Work Program is another way to involve the community to rebuild their own neighborhood as well as educate and **equip workers with transferrable skills** to find suitable long-term employment.

Everyone can feel at home and welcomed to this beautiful newly thriving, self-functioning 20-minute neighborhood. Here, people meet and connect, disparate sectors can reach their full potential of urban activity at the neighborhood level, and a holistic nature-based transformation has culminated in new sustainable **economic growth** driven by the commercial diversity offered by the productive housing complexes, the upskilling and employment opportunities, and increased tourism attracting visitors to witness the artistic, industrial, and eco-friendly character of the neighborhood.



Plaza de Mercado (Bogota.gov.co, 2015)



Pintura colectiva de portadas (Cartonera 2016)



Local residents of 7 de Agosto - Bogotá, Colombia (Morón, 2021)

Welcome to el Eco-Barrio 7 de Agosto, a productive, green and inclusive neighborhood in 2035!

APPENDIX 1

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APPENDIX 2

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APPENDIX 3

GRAPHIC DELIVERABLE IMAGE COLLAGE SOURCES

#1 - INNOVAPLAZA

Google Maps: https://www.google.com/maps/@4.6570646,-74.0704739,3a,75y,309.69h,85.07t/data=!3m7!1e1!3m5!1s4fRs0ja_Dm8X9zMUkzLZyg!2e0!5s20190501T000000!7i13312!8i6656
Green benches: https://www.streetlife.nl/us/green-benches-tree-isles-podiums
Woman in wheelchair: https://www.istockphoto.com/de/fotos/person-in-wheelchair-white-background
Picnic table: https://www.streetlife.nl/us/products/solid-meetwork
Musicians: https://www.bigstockphoto.com/image-325761616/stock-photo-bogota%2C-colombia-february-6%2C-2017-%3A-musicians-playing-at-mercado-de-las-pulgas-de-usaquen-free-market-in-bogota-capital-city-of-colombia-south-america
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Caucho sabanero trees: https://www.reddearboles.org/ficha-tecnica/nwcproduct/818/arbol-nativo-caucho-sabanero
Blue bike lane: http://blog.publicbikes.com/2016/03/celebrating-green-bike-lanes/
Light gray waste containers: https://www.environmental-expert.com/products/geotainer-model-gt-770-2-1100-2-underground-parking-waste-bins-547335
Blue bike racks: https://www.wallpaperflare.com/blue-bicycle-gate-at-daytime-bike-reykjavik-iceland-barrier-wallpaper-ulybf
Woman reading book: https://www.westend61.de/en/imageView/GIOF001097/young-woman-sitting-on-park-bench-reading-a-book
Street light solar panel: https://www.txzmlamp.net/

#2 - LAS COLMENAS

Google Maps: https://www.google.com/maps/@4.6575438,-74.0681103,3a,75y,124.35h,90t/data=!3m8!1e1!3m6!1s0EhrkTQ0TRdUrBhR5za6Xw!2e0!5s20150101T000000!6shttps:%2F%2Fstreetviewpixels-pa.googleapis.com%2Fv1%2Fthumbnail%3Fpanoid%3D0EhrkTQ0TRdUrBhR5za6Xw%26cb_client%3Dmaps_sv.tactile.gps%26w%3D203%26h%3D100%26yaw%3D124.436966%26pitch%3D0%26thumbfov%3D100!7i13312!8i6656
Solar Panel Lamppost: http://recw.in/SOLAR-STREET-LIGHT.html
Boutique shopper: https://www.freepik.es/foto-gratis/vista-frontal-mujer-centro-comercial_5671707.htm
Chicalá Amarillo Tree: https://jbb.gov.co/index.php/noticias-del-jardin/item/283-las-20-especies-de-arboles-aptas-para-plantar-en-el-espacio-publico-de-bogota
Honeybee: https://www.kindpng.com/imgv/hiRxbwh_bee-traceable-heraldic-art-honey-bee-hive-clip/
Waste containers: https://www.formatoverde.com/en-GB/soterrados/que-es-un-soterrado.aspx
Aqua mural: https://www.universitycity.org/blog/porch-30th-gains-colorful-new-eco-mural-hagopian-arts
Street vendor: https://www.flickr.com/photos/pat_ossa/6268017027
Restaurant: http://www.yourneighbourhood.com.au/best-cafe-design-shortlist-eat-drink-design-awards-2020/
Person looking out window: https://www.alamy.com/stock-photo/person-looking-out-window-exterior-view.html
Person looking through window: https://www.alamy.com/stock-photo/person-looking-through-window-exterior.html
Kids: https://www.gettyimages.ch/fotos/boy-girl-bench

#3 - PARQUEADERO DE BOLSILLO

Google Maps: https://www.google.com/maps/@4.6566144,-74.0698514,3a,75y,31.71h,99.24t/data=!3m7!1e1!3m5!1s7lwxx1EN5vuu9QlSlL74kQ!2e0!5s20131101T000000!7i13312!8i6656
Street vendor: https://www.las2orillas.co/como-logran-ganarse-la-vida-40-mil-vendedores-de-aguacates-en-las-calles-de-bogota/
Left mural: https://www.sophie-rae.com/decorative-murals
Right mural: https://clevelandtraveler.com/cleveland-mural-guide/
Parking tunnel entrance: https://www.istockphoto.com/de/search/2/image?phrase=car+tunnel+entrance
Green isle bench: https://www.streetlife.nl/us/products/mobile-green-isles-oval
Girl taking photo: https://www.twenty20.com/photos/382e3aaf-1e64-4684-bcf9-9caf4f151720
Couple: https://www.shutterstock.com/pt/video/clip-8703652-tourists-couple-taking-selfie-self-portrait-photograph
Bottle cap mural: https://www.meteomedia.com/ca/nouvelles/article/artist-uses-200000-plastic-bottle-caps-to-create-stunning-eco-mural-in-venezuela