

Climate Plan Draft Preview

Village Board
Meeting

May 9, 2022

GRāEF



Your Team



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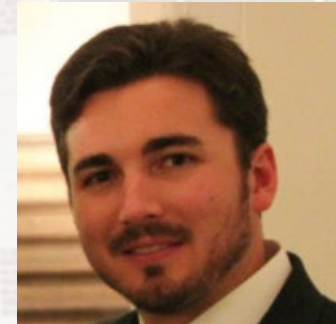
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Community Partners

Oak Park institutions and community members, including...



SUBURBAN UNITY ALLIANCE



Black residents of Oak Park

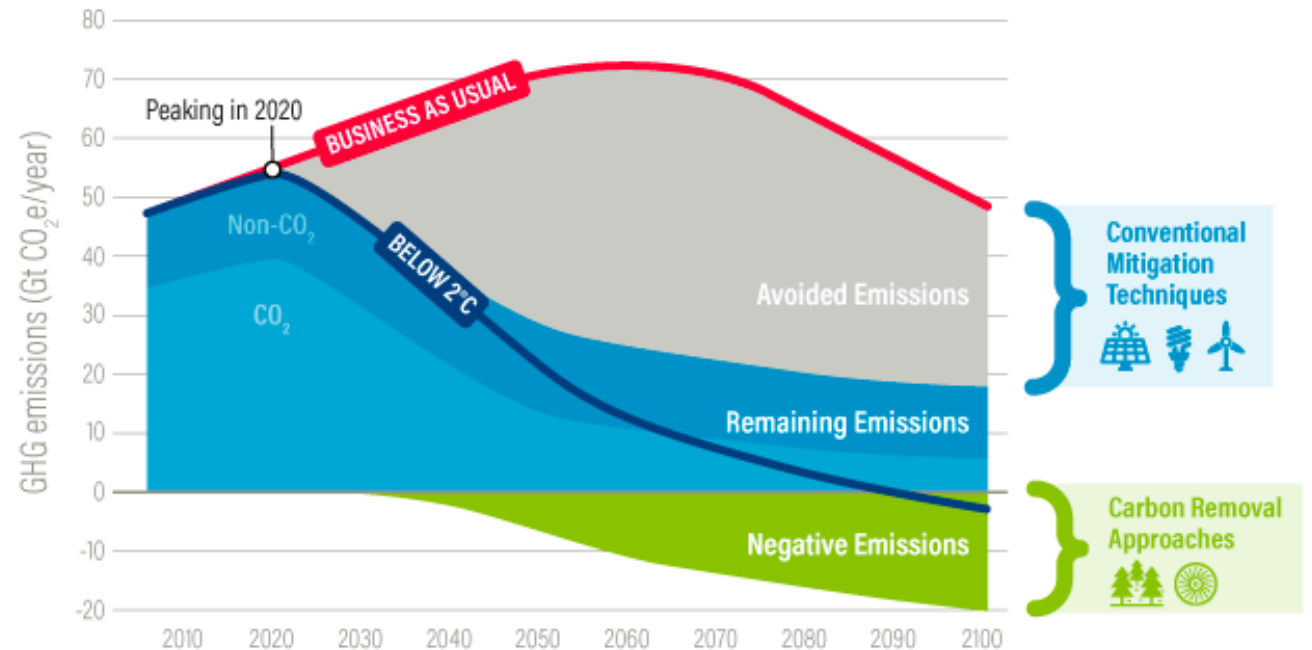


Comprehensive Sustainability, Climate Action, and Resiliency Plan: “Climate Plan”

“Serve as a comprehensive strategy to incorporate essential planning elements that accelerate transformational action to achieve the objectives of the Paris Agreement guiding principles – an integrated and inclusive plan that addresses the need to reduce greenhouse gas emissions, adapt to the impacts of climate change, and deliver wider social, environmental and economic benefits. The Paris Agreement also commits to increasing the resilience to the impacts of climate change by setting Science-Based Target goals to achieve emissions neutrality by 2050” – Oak Park RFP

What is “net-zero”?

A community that balances the whole amount of greenhouse gases (GHG) released and the amount removed from the atmosphere.



Source: Adapted from UNEP 2016.
For more information, visit wri.org/carbonremoval.

 WORLD RESOURCES INSTITUTE

**Image used to help illustrate “net-zero” only; specific emissions and dates are not specific to Oak Park*

Types of Actions

Mitigation actions focus on reducing emissions of and stabilizing the levels of heat-trapping greenhouse gases in the atmosphere.

Adaptation actions focus on reacting to the climate change impacts already in the pipeline.

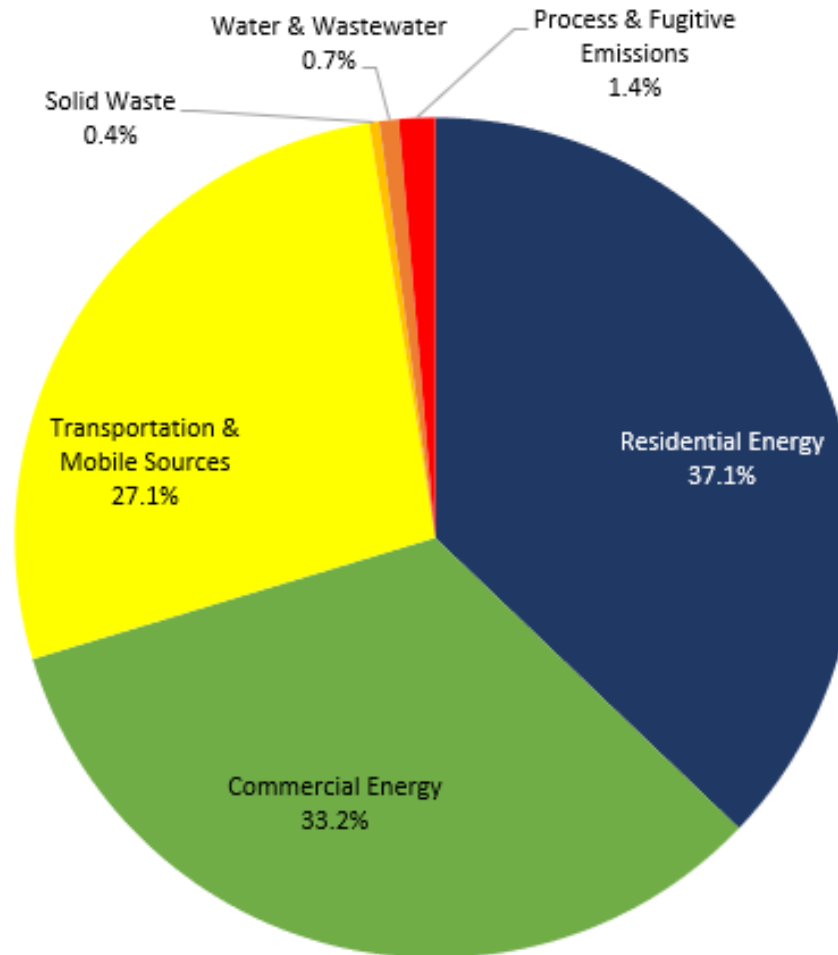
Sustainability actions focus on the interrelated triple bottom line of people, planet, and economic wellbeing to support overall sustainability goals.



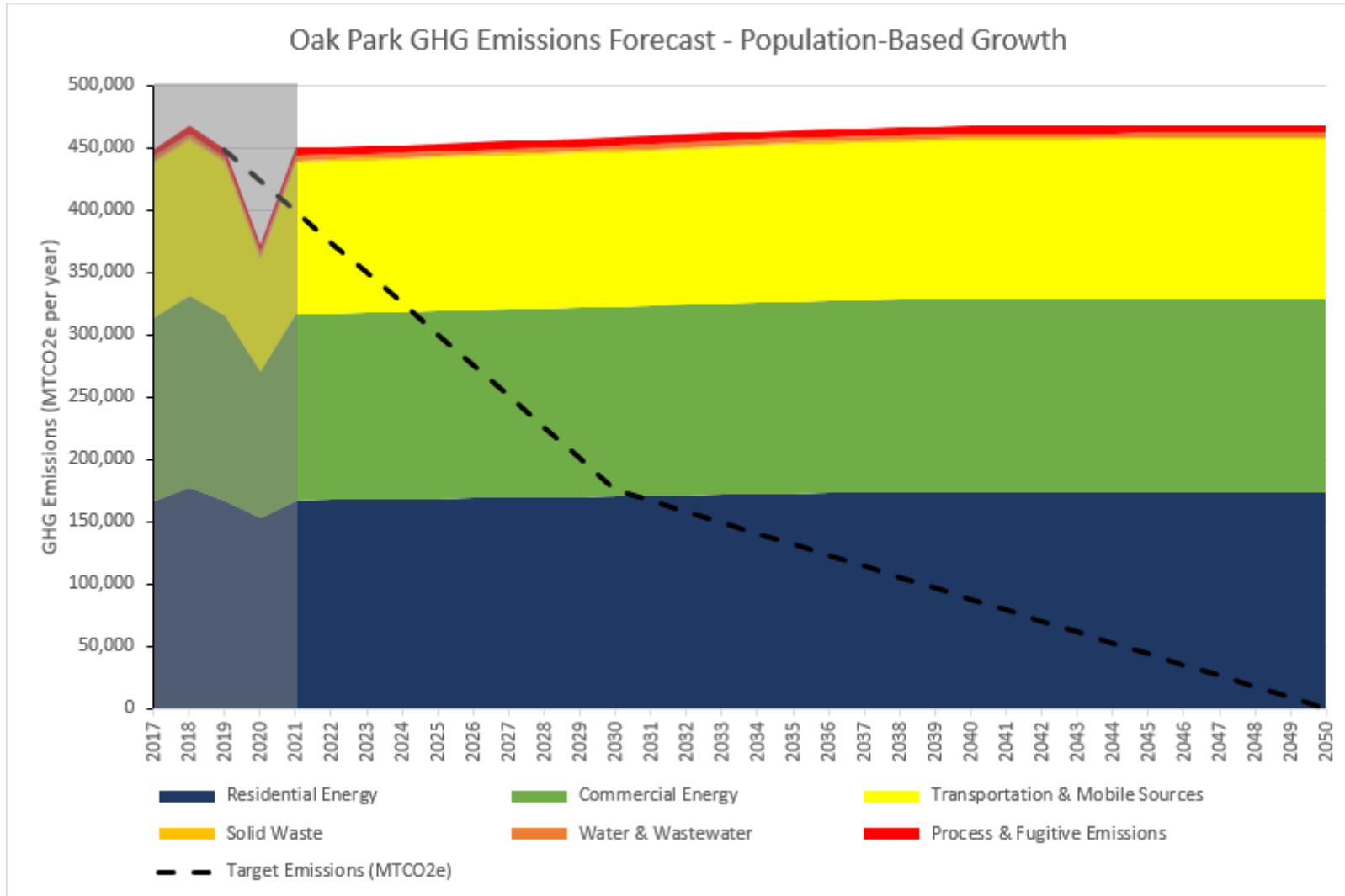
- CTA Bus Diesel (gallons)
- CTA Train Electricity (kWh)
- METRA Diesel (gallons)
- PACE Diesel (gallons)
- PACE Gasoline (gallons)
- Passenger VMT – Gasoline
- Passenger VMT - Diesel

- Commercial Electricity (kWh)
- Commercial Natural Gas (Therms)

2019 Oak Park GHG Emissions by Category



- Residential Electricity (kWh)
- Residential Natural Gas (Therms)
- Residential Propane (MMBtu)
- Residential Fuel Oil (MMBtu)



*High Impact Action sets
(or goal areas) prioritize
these conditions to reduce
emissions*

<i>Population-based growth</i>			
Sector	2019	2030	2050
Residential Energy	166,855	170,274	174,040
Commercial Energy	149,144	152,200	155,566
Transportation & Mobile Sources	121,944	124,443	127,195
Solid Waste	1,747	1,783	1,822
Water & Wastewater	3,349	3,418	3,493
Process & Fugitive Emissions	6,199	6,326	6,466
Total Annual BAU GHG Emissions (MTCO ₂ e)	449,238	458,444	468,582
per capita BAU GHG emissions (MTCO ₂ e/capita)	8.60	8.23	8.23
per capita Emission Targets (MTCO ₂ e/capita)		3.20	-
Target Emissions (MTCO ₂ e)	449,238	178,209	-
Emission Reduction from 2018 (%)		60.3%	100.0%



**What will the Climate
Plan look like?**

How will it be used?

What information will be included?

- High-level impact areas
- Overarching goals
- Targeted actions
- Lead responsibility
- Supporting partners
- Priority level
- GHG reduction (where applicable)
- Cost (Village and non-Village)
- Equity & Resiliency
- Social Vulnerability Indicators
- Key metrics

How have these goals and actions been informed?

- Village staff (Planning, HP, Public Works, Public Health)
- Affinity Groups to date (youth, older adults, black partners, disabled residents, English as a second language/English Language Learners)
- Human Centered Design sessions (Beyond Hunger, Housing Forward, Suburban Unity Alliance)
- Climate Plan website feedback (survey, comment map)
- DIY Kit feedback
- Village Commission & Committee feedback
- ClimatePlan@oak-park.us feedback
- Village meetings with community-based partners
- Consultant team contributions from vulnerability assessment, emissions inventory, and prior plan reviews

Engagement Metrics

Social Pinpoint Website & Social Media

- 34,761 total visits; 10,126 unique users
- 283 Comment Map responses; 83 Budget Game responses
- 503 survey responses
 - Climate Plan questions have also been incorporated into the Village's I-Plan community health survey.
- Social media statistics:
 - April posts reached 9,704.
 - All posts since December 2021 reached 43,815.

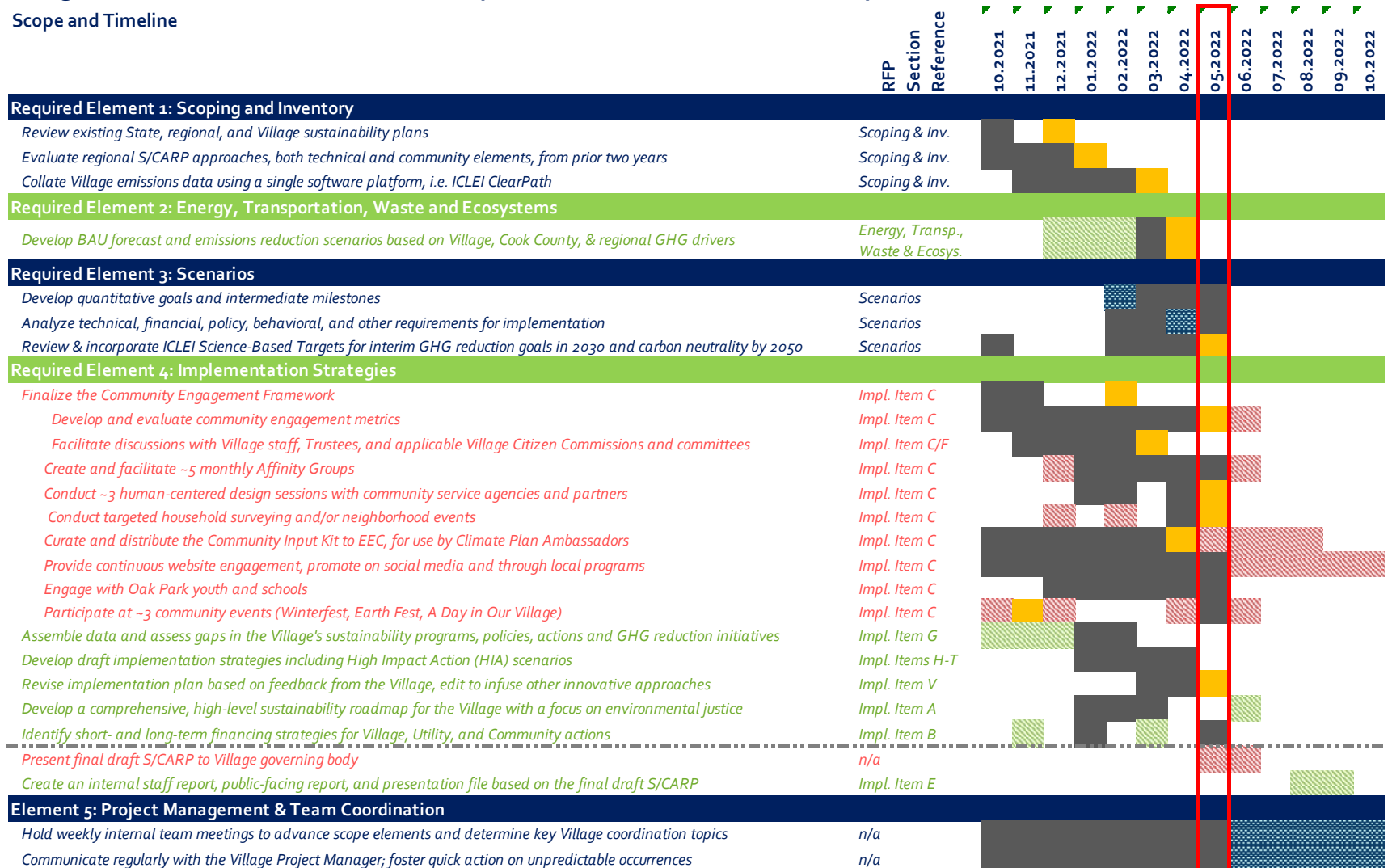
Other Engagement

The Climate Plan team received input through meetings with Park District of Oak Park, Community of Congregations / Interfaith Green Network, Cook County Black Chamber of Commerce, Compound Yellow, League of Women Voters OPRF, West Cook Wild Ones, Oak Park Resident Corps, OPCAN, and a resident interested in hosting a DIY meeting on transportation issues.

Schedule

Village of Oak Park S/CARP – Sustainability and Climate Action and Resiliency Plan

Scope and Timeline



Coral = community- or public-facing task

Gray = in-progress

Note: the final compilation is referred to as a "final draft S/CARP" to indicate its completion without guaranteeing Village adoption.

Orange = completed

as of 04.30.2022

Background

- This is a **community-wide Climate Plan**; not all recommendations within the Plan will be implemented by Village Staff.
 - Some will be partnerships or led by community groups, residents, etc.
 - Funding and financing recommendations will consist of a variety of sources of funding for implementation actions.

Impact Areas

-  **1. Energy Use in Buildings & Housing**
 -  **2. Transportation**
 -  3. Stormwater & Extreme Weather **Adaptation Area**
 -  4. Public Health
 -  5. Sustainable Economic Development
 -  6. Healthy & Sustainable Food Systems
 -  7. Waste & Sustainable Materials
 -  7. Parks, Plants, & Biodiversity
- “High Impact” Emission Reduction Focus Areas**
- 



Residential & Commercial Energy Emissions Reductions Scenarios

- Overall, 60% goal by 2030 for Residential & Commercial Energy Use categories = 90,343 MTCO₂e reduction needed x 2 categories = 180,786 MTCO₂e
- ① • Transition to 75% renewable energy by 2030 = 172,305 MTCO₂e
 - Applies to Residential and Commercial Energy
- ② • Convert 25% of natural gas equipment to electric by 2030 = 45,233 MTCO₂e
 - Applies to Residential & Commercial Energy
 - **Total by 2030 (transitioning to renewable energy and electric equipment): 217,438 MTCO₂e**
- 50% conversion from natural gas to electric by 2050 = 96,465 MTCO₂e
 - Applies to Residential & Commercial Energy

Assumptions: Full participation in Community Choice Aggregation Program, community solar program, or distributed renewable energy (rooftop solar); population-based emissions forecast; conversion from natural gas to electric equipment is powered by 100% renewable grid; assumes new sources of renewable energy are installed and available for subscription within the geographic range specified by the Village.



Transportation Emissions Reduction Scenarios

Emissions Reduction:

- Overall 60% goal by 2030 for Transportation category = 90,343 MTCO₂e reduction needed
- ① • Reduce VMT 50% by 2030 = 50,736 MTCO₂e
- ② • 50% transition to zero-emission vehicles (ZEV) by 2050 = 77,283 MTCO₂e
 - **Total by 2030 (reducing VMT and transition to ZEV): 128,019 MTCO₂e**
- Reduce VMT 75% by 2050 = 71,662 MTCO₂e

Assumptions: Transition from gasoline-powered passenger vehicles; 50% and 75% increase in train kw assuming current energy mix of energy sources (fossil-based and non-fossil based); population-based emissions forecast; Oak Park to follow national trends of 50% EVs by 2030; assuming 100% renewable grid; 29,800 cars per Census data; each gasoline powered vehicle emits 11,435 lbs CO₂/year per DOE



Residential & Commercial Energy

Goal: Establish Energy Efficiency Reach Codes for New Buildings and Major Renovations and Goals for Net-Zero Infrastructure Upgrades to Existing Buildings

Actions:

- *Require all-electric equipment in all new buildings and set a goal to transition all natural gas units in existing buildings across the Village to electric units.*
- *Adopt an energy stretch code for new construction and major renovations that requires enhanced building system performance, electrification, and readiness for on-site solar energy and electric vehicle (EV) charging.*



Residential & Commercial Energy

Goal: Expand Community Purchasing of Renewable Energy

Actions:

- Launch initiative to increase residential and business enrollment in high-quality **Community Solar programs** that provide savings, including deeper savings for LMI account holders.
- Negotiate a Community Choice Aggregation service agreement that requires the provider to **procure and deliver 100% renewable energy.**
- Explore options for **utility-scale solar infrastructure** in northeastern Illinois that the Village can support and procure energy from.
- Upgrade critical infrastructure facilities with climate resiliency features such as onsite renewable energy with **battery storage.**



Transportation

Goal: Reduce Vehicle Miles Travelled (VMT)

Actions:

- Prioritize a **reduction in VMT** as an emphasis in capital planning and policymaking.
- Partner with organizations to launch shared-mobility programs e.g. **bikes and e-bikes, e-scooters**, and zero-carbon cars with an emphasis on dedicated parking infrastructure for shared vehicles.
- Improve **non-motorized transportation** by updating and implementing the actions of the Oak Park Bike Plan, including more bike paths and dedicated bike lanes.
- **Increase ridership on public transit** by improving pedestrian safety including by creating safer crossings to stations and reducing pedestrian-vehicle conflicts.



Transportation

DRAFT

Transportation

Goal: Decarbonize and Electrify Transportation

Actions:

- Transition all **fleets to zero-carbon vehicles.**
- Launch a program to connect residents and businesses to technical and financial services to transition to **zero-carbon transportation modes.**
- Require a certain number of charging stations or parking designed to easily add charging stations in anticipation of growing demand of **EVs.**
- Assess the feasibility of reintroducing the Oak Park shuttle to serve local residents and tourists with an **all-electric fleet.**

Energy Use in Buildings + Housing

Goal #1: Goal: Establish Energy Efficiency Reach Codes for New Buildings and Major Renovations and Goals for Net-Zero Infrastructure Upgrades to Existing Buildings

- Adopt an energy stretch code for new construction and major renovations that requires enhanced building system performance, electrification, and readiness for on-site solar energy and electric vehicle (EV) charging.
- Develop and adopt a climate resilience building stretch code and all-electric requirements for new construction and substantial renovations that protects occupant health and safety during climate disasters.
- Adopt enhanced building performance standards for buildings owned by local taxing bodies and developments receiving Village funding or approval. Include energy, waste, water, and climate standards.
- Set a percent goal for energy efficiency to update existing housing stock and to build to higher than required by current code. Include language in all projects with Village involvement or funds requiring some energy efficiency criteria, whether new construction, renovation, private, or public.
- Update building inspection and permitting processes to reflect net-zero criteria and “well building” concepts.
- Require all-electric equipment in all new buildings and set a goal to transition all natural gas units in existing buildings across the Village to electric units.

Energy Use in Buildings + Housing

Goal #2: Establish a Building Energy Benchmarking Program and Financing Mechanisms to Support Businesses and Homeowners in Building Decarbonization

- Establish a mandatory energy benchmarking ordinance (such as through EPA's ENERGY STAR Portfolio Manager) for all large buildings to track and monitor energy efficiency and electrification.
- Connect the top energy users to energy efficiency programs, rebates, and technical assistance, including existing programs funded by utilities.
- Launch a program to connect property owners and renters with technical and financial services for energy and climate resiliency upgrades and communicate energy and resiliency benefits of trees and sustainable landscaping.
- Partner with local contractors and organizations to launch a bulk-purchasing discount program for electric building mechanicals and appliances.
- Assess the feasibility of establishing an Oak Park Green Bank, Residential PACE program, or other local financing program.
- Develop a program to deliver energy and climate resiliency building upgrades and financing services to existing affordable housing (income-qualified or naturally occurring) and small commercial buildings, including program terms that preserve long-term affordability.
- Launch an outreach and technical assistance program to increase the number of buildings participating in the Cook County Commercial Property Assessed Clean Energy (C-PACE) program.

Energy Use in Buildings + Housing

Goal #3: Expand Community Purchasing of Renewable Energy

- Dedicate a significant percentage of Community Choice Aggregation revenue to energy and climate retrofits for affordable housing (income-qualified or naturally occurring).
- Launch initiative to increase residential and business enrollment in high-quality Community Solar programs that provide savings, including deeper savings for LMI account holders.
- Negotiate a Community Choice Aggregation service agreement that requires the provider to procure and deliver 100% renewable energy.
- Explore options for utility-scale solar infrastructure in northeastern Illinois that the Village can support and procure energy from.
- Upgrade critical infrastructure facilities with climate resiliency features such as onsite renewable energy with battery storage.
- Partner with organizations to develop pop-up resilient community climate hubs throughout Oak Park, where individuals can receive emergency assistance and temporary shelter during climate disasters.

Energy Use in Buildings + Housing

Goal #4: Establish a Regenerative Architecture Policy and Incentive Program for Retrofitted Buildings and New Construction

- Launch an initiative to promote awareness of benefits and funding for energy efficiency, electrification, onsite renewables, energy storage, and EV charging.
- Review and expand definitions of historic and cultural assets. Equitably distribute resources for the voluntary preservation of sites important to underrepresented community groups.
- Assess officially recognized local historic assets for potential diversity, equity, and inclusion improvements.
- Conduct an Equity Impact Analysis for housing/building assistance programs.
- Conduct authentic community engagement, including user centered program design, for programs funded by public dollars.
- Launch an outreach campaign to communicate historic preservation as a sustainable option of all building scales.

Transportation

Goal #1: Reduce Vehicle Miles Travelled (VMT)

- Partner with organizations to launch shared-mobility programs e.g. bikes, scooters, and zero-carbon cars.
- Improve non-motorized transportation by updating and implementing the actions of the Oak Park Bike Plan, including more bike paths and dedicated bike lanes.
- Increase ridership on public transit by improving pedestrian safety including by creating safer crossings to stations and reducing pedestrian-vehicle conflicts.
- Celebrate a seasonal Roll and Stroll event and partner with local artists to host events. For one day, close business and arts districts to motorized vehicles.
- Host community mobility events such as bike, scooter, or walking tours of culturally significant sites that are inclusive, affordable, and accessible to all.
- Partner with regional transit agencies to improve level of service, including reliability, frequency, safety, and cleanliness.

Transportation

Goal #2: Decarbonize and Electrify Transportation

- Update the bike plan in collaboration with River Forest to create continuous trail access from Oak Park to the Des Plaines river parkway to the west. Make that trail a regional greenway (See Parks and Vegetation)
- Launch an anti-idling campaign and promote to fleets and businesses.
- Transition all fleets to zero-carbon vehicles.
- Adopt a telecommuting work policy that reduces carbon emissions due to commuting.
- Conduct an outreach campaign to encourage transitioning personal vehicles to zero-carbon vehicles, inclusive of transit and active transportation.
- Update ordinances and regulations to minimize traffic conflicts and air pollution from local freight and other delivery services.
- Launch a program to connect residents and businesses to technical and financial services to transition to zero-carbon transportation modes.
- Require a certain number of charging stations or parking designed to easily add charging stations in anticipation of growing demand of EVs.

Transportation

Goal #3: Improve Transportation Infrastructure

- Increase access to electric vehicle charging stations, beyond the downtown business district, to facilitate a transition to zero-carbon vehicles.
- Identify and address pedestrian safety interventions for dangerous intersections based on continued community engagement and feedback from underrepresented populations. Complete community-led walking surveys to identify locations that need improvements for pedestrians.
- Include pedestrian access and safety considerations in all cycling and trail plans and projects.
- Continually pursue a high-quality service and reliability for traffic safety infrastructure including crossing signals, traffic signage, and modern safety solutions.
- Conduct an accessibility review of all transportation systems and infrastructure, in partnership with the disability community and local and state transportation agencies, and implement the recommendations.
- Re-establish the Slow Streets program for neighborhoods that request it.
- Make more efficient use of parking infrastructure using coordinated parking asset management strategies.
- Include an Equity Impact Analysis process in the evaluation of transportation infrastructure projects.
- Partner with local and State transportation agencies to ensure all projects within and bordering Oak Park integrate Complete Streets principles and authentic community engagement.

Stormwater, Drinking Water + Extreme Weather

Goal #1: Reduce Impervious Surfaces in Oak Park

- Conduct a surface area analysis including a stormwater best management practice inventory of the entire Village to determine and map the level of impervious surface present.
- Establish an impervious surface reduction goal for subcatchbasins that provides adequate infiltration for a future model storm projected under a high-emissions scenario.
- Conduct a zoning code review to identify opportunities that increase available housing units without increasing impervious surface.
- Update the building code to require 100% on-site stormwater control of new and reconstructed paved areas on parcels seeking building permits using stormwater BMPs.
- Establish an equitable, affordable stormwater utility fee that considers the amount of impervious surface area to incentivize reduction of impervious area and create a dedicated revenue source for green stormwater infrastructure and affordable housing flood mitigation assistance.
- Require new parking lots, driveways, and decks/patios to be constructed from permeable materials and/or achieve 100% on-site stormwater control.
- Institute an Expanded Exterior Flatwork Fee Program, and reimburse for flatwork and landscapes meeting the Village's sustainability inspection checklist.
- Provide grants and other financial incentives to rehabilitate existing paved areas through conversion to permeable pavement.
- Develop a strategy to incorporate private GSI into stormwater master planning and O&M services for stormwater infrastructure.
- Implement a road materials strategy to convert to impervious surface that accounts for subsurface soils.
- Institute a requirement for green roofs.

Stormwater, Drinking Water + Extreme Weather

Goal #2: Control Stormwater Runoff from Impervious Areas

- Use green stormwater infrastructure and other stormwater best management practices to achieve or exceed 100% on site stormwater control at public and institutional impervious assets.
- Evaluate options to re-grade and install green stormwater infrastructure features at appropriate sites throughout the Village such as institutional and public campuses to be used for temporary stormwater detention during major storm events.
- Update the "Report a Hazard" system to provide a comprehensive, publicly available online data tool to report, identify, and track property and right-of-way flooding and accessibility issues. Integrate the data into planning, capital improvement plans, and maintenance operations. Provide updates to outstanding requests through the portal.
- Continue encouraging residents to disconnect downspouts from the storm sewer system. Share best practices for on-site stormwater management available on the Village website.

Stormwater, Drinking Water + Extreme Weather

Goal #3: Improve Stormwater Infiltration and Evapotranspiration Across the Village

- Continue to and promote to private entities to use best practices and smart technology to minimize or eliminate application of salt on roadways and parking lots during winter weather conditions.
- Continue to identify opportunities for the development of forested areas and increased tree canopy cover using available tree canopy cover data to improve soil capacity for stormwater retention.
- Identify and pursue opportunities for green stormwater infrastructure on public rights-of-way, buildings, and land; institutional buildings and land, and underutilized parcels.
- Launch a program to connect property owners with technical and financial services for stormwater infiltration and flood mitigation upgrades.
- Require green infrastructure best management practices and native plants for landscaping requirements on parcels seeking building permits.

Stormwater, Drinking Water + Extreme Weather

Goal #4: Conserve and Maintain Clean Drinking Water

- Evaluate opportunities to install water retention and reuse features at parks, institutional, and public buildings and campuses and use captured water for landscaping and sewerage.
- Continue to use best practices to reduce non-revenue drinking water loss.
- Track building water use through the EPA Energy Star Portfolio Manager and provide resources and incentives to consume water more efficiently.
- Adopt an ordinance requiring water-efficient landscape maintenance, e.g. established watering times and days, to avoid unnecessary evaporation and conserve water, and launch an educational campaign to promote water-efficient landscape maintenance.

Stormwater, Drinking Water + Extreme Weather

Goal #5: Work with the Community to Provide Equitable Drinking and Stormwater Management Practices

- Conduct authentic community engagement, including user-centered program or site design and an Equity Impact Assessment, for water assistance, and water infrastructure and emergency response projects and programs funded by the Village.
- Partner with an organization to deliver stormwater infiltration, water efficiency, and flood mitigation technical and financing services for existing affordable housing.
- Partner with local/State agencies to coordinate a notification system across multiple types of technology to advise residents regarding extreme weather events and appropriate actions to take in response.
- Celebrate an annual Earth Day to May Day multi-day festival, with collaboration across organizations, community groups, and local artists to recognize and encourage sustainable action.
- Communicate ongoing Village responses to climate hazards seasonally via online channels, events, and institutional and community partners.

Public Health

Goal #1: Reduce the negative health impacts of environmental degradation

- Develop a program to transition lawn care to use quiet, zero-emissions equipment.
- Conduct an analysis of emerging and potential interactions with wildlife and zoonoses and integrate recommendations into health planning.

Public Health

Goal #2: Ensure health infrastructure and processes are equipped to provide high-quality service, especially to the most vulnerable in the Village

- Develop a community Noise Mitigation Plan to reduce the health impacts of noise using green infrastructure and other sustainable practices.
- Develop an interdepartmental taskforce to integrate health and green infrastructure into plans, programs, and new initiatives. Include health benefits as a project selection criterion.
- Ensure heating and cooling shelters are equitably distributed across the Village and are accessible via a variety of transportation options.
- Ensure health centers and hospitals are equipped to respond to climate impacts and continue to provide quality service to the community.
- Continue the public lead-service line replacement program and identify options to create an equitable and affordable private lead service line replacement program with an emphasis on service lower income residents.

Sustainable Economic Development

Goal #1: Expand universal access to green jobs across the Village

- Partner with organizations to train and employ community members in green jobs. Require a percentage of energy, landscaping, and green infrastructure projects to be performed by community members.

Sustainable Economic Development

Goal #2: Align Village resources so as to further sustainable economic development

- Implement a sustainable purchasing policy that emphasizes ENERGY STAR and/or high-performing equipment.
- Evaluation options for adopting a local or regional carbon tax.
- Use economic development resources and continued Village support to promote and expand access to affordable, healthy food in all neighborhoods, e.g. food co-ops and small to medium grocery stores.

Healthy + Sustainable Food

Goal #1: Track Food Security

- Prepare a Food Justice Plan that assesses the current state of the local food system, food access, and insecurity and provides recommendations to create a local, resilient food system.
- Identify opportunities for community food production e.g. a food forest or garden plots at institutional campuses and community centers.

Healthy + Sustainable Food

Goal #2: Employ Neighborhood-specific Solutions to Food Insecurity

- Develop a public data portal to publish and track procurement of local, sustainable food by local institutions.
- Conduct an Equity Impact Analysis for food programs funded by public dollars.
- Conduct authentic community engagement, including user centered program design, for food system projects supported by public dollars.
- Launch a program to connect residents with resources to grow food and establish community gardens.
- Expand the Farmer's Market to year-round and find host sites in neighborhoods across the community.
- Identify options to increase the affordability of food and Farmer's Markets including requiring acceptance of Illinois LINK benefits.
- Conduct a DEI assessment of Farmer's Market products and programming and implement recommendations to enhance diversity of vendors and products and host inclusive programming.
- Create a coalition to develop and implement a promotion and affordability strategy for community supported agriculture and local, sustainable food.
- Create a coalition that commits to procuring healthy, sustainable food from local growers and enhances buying power.
- Conduct a zoning code and ordinance review to identify and remove barriers to safe and local food production.

Healthy + Sustainable Food

Goal #3: Promote Food Recovery and Waste Reduction

- Conduct outreach to restaurants and grocery stores to donate food surplus to the Beyond Hunger food pantry.
- Develop educational curricula to promote healthy, sustainable, and inclusive foodways.

Waste + Sustainable Materials

Goal #1: Reduce Waste Generated

- Identify options to create an affordable and equitable pay-as-you-throw model option for future waste hauler contracts, i.e. residents are charged based on the amount they throw away.
- Implement a Retail Single Use Bag ordinance to include all retail establishments. Pair this with outreach to provide reusable bags for residents, with an emphasis on LMI households.
- Adopt an ordinance to remove all non-medical, single-use plastics and polystyrene foam products from circulation by 2030 in all restaurants and retail establishments (focusing on the downtown business district) - with the exception of single-use plastic straws.
- Adopt a Circular Economy resolution and waste benchmarking ordinance.
- Partner with other municipalities to perform a Waste Characterization Study.
- Promote strategies to reduce waste to municipal facilities and schools.
- Dedicate an annual Green Award for local businesses that demonstrate a continued commitment to sustainability in their product line, packaging, and waste reduction efforts.
- Reduce litter through education and by installing public garbage cans and recycle bins throughout the Village in areas identified through community engagement with underrepresented populations.

Waste + Sustainable Materials

Goal #2: Reuse and Recycle Materials

- Increase the demolition fee to sufficiently promote the preservation of existing buildings and reduce construction waste.
- Explore a building deconstruction and materials recycling program.
- Continue to manage the permanent hazardous/electronic waste collection program to provide an easy place to drop off unused or outdated electronics.
- Conduct outreach to residents to increase awareness of waste reduction approaches, e.g. enrollment and participation in Village composting and recycling services.
- Initiate a process to determine if a commercial solid waste hauling and recycling process can be considered. Establish a commercial waste franchise agreement if indicated by results.
- Develop a local hub to provide deconstruction workforce training and services, retail market for salvaged building materials, contractor education, and community workshops.
- Adopt an ordinance to require enhanced construction waste diversion from contractors.
- Identify options to support required manufacturer take-back and recycling of product packaging and end-of-life project disposal.

Waste + Sustainable Materials

Goal #3: Expand Composting in the Village

- Continue to enable residents to share composting bins.
- Continue incentivizing and marketing CompostAble program, including considering moving from a flat rate to progressive paying scale or making it a Village-wide program, with an emphasis on serving low-moderate income residents.
- Identify additional neighborhood locations to collect organic waste and offer finished compost.
- Conduct outreach to multifamily building property owners and retail establishments to increase enrollment in CompostAble.
- Continue to use compost in gardening, community gardens, and tree care and pursue opportunities to integrate compost.
- Adopt an ordinance to require all restaurants and retail establishments to separate compostable waste.
- Identify equitable and affordable options to transition towards eliminating the annual leaf pickup program.

Waste + Sustainable Materials

Goal #4: Develop a Natural Disasters Waste Management Procedure

- Advance natural disaster waste management strategies to expedite the removal of disaster-related waste during a disaster response to reduce risk of fire, personal injury, and disease vectors.
- Identify opportunities for source reduction before a disaster occurs by updating building codes for greater weather and environmental resilience.

Waste + Sustainable Materials

Goal #5: Pursue Equitable Waste Management Strategies

- Partner with arts organizations to shred, melt, and reimagine recovered weapons as public art installations.
- Conduct authentic community engagement, including user-centered program or site design, for waste diversion and infrastructure projects funded by public dollars.

Parks, Plants + Biodiversity

Goal #1: Increase Plant & Tree Cover

- Coordinate with institutional campuses to establish school forests on school grounds.
- Establish and implement an urban forestry goal for the Village that equitably distributes tree cover, increases tree cover along major thoroughfares, parkways, parks, and any areas with below average coverage, and monitors tree health.

Parks, Plants + Biodiversity

Goal #2: Prioritize Native Species Over Non-Native Species

- Increase green stormwater infrastructure efforts, including green roofs and green walls.
- Expand the PDOP program to provide trees and natives plants to residents to swap for non-native plants.
- Adopt an ordinance allowing residents to garden on the parkways they maintain with sustainable and native plantings.
- Encourage biodiversity by identifying and marking a trail of informational "pollinator waystations" across public, institutional, and commercial campuses.
- Reduce grass cover in parks and public spaces and replace with native species.
- Establish a community seed library and tool lending and repair center.

Parks, Plants + Biodiversity

Goal #3: Increase Connectivity and Access

- Update the bike plan in collaboration with River Forest to create continuous trail access from Oak Park to the Des Plaines river parkway to the west.
- Implement the Greenways Plan.
- Explore options for residents to establish temporary pop-up pocket parks on available land within their neighborhood.
- Explore options to establish linear parks such as along boulevards.
- Create green or environmental corridors.
- Coordinate with the PDOP Master Plan to increase safe access to parks.

Parks, Plants + Biodiversity

Goal #4: Enhance Environmental Quality

- Enhance institutional and public campuses/lands through turf removal or reduction where appropriate, introduction of native species, green infrastructure including bioswales, organic soil amendments, and new forested areas.
- Launch a program to connect residents and businesses to technical and financial services to establish community gardens and do sustainable home gardening.
- Perform carbon sequestration analysis of existing treen inventory to gather a baseline, and compare against emissions data.
- Adopt an ordinance to ban the sale and use of chemical fertilizers and herbicides except as allowed for specific circumstances.
- Institute a municipal commercial pesticide permit program and institute a monthly or annual fee payment program to businesses that sell chemical lawn care products or pesticides.

The Climate Plan

- Conduct an annual review of S/CARP key performance indicators and publish data.
- Update greenhouse gas inventory and forecasts every 5 years.
- Revise plan goals & actions to integrate updated GHGI & forecast, new technology, & changes to external factors such as consumer behavior, state & federal policy, & international relations.
- Establish or maintain a cross-departmental team focused on sustainability, with shared responsibility & benefit across departments.
- Launch a local arts initiative to communicate climate science and inspire action.
- Periodically reevaluate the 2050 carbon neutrality goal (i.e. for acceleration)
- Evaluate purchase of RECs and /or Carbon Offsets where technological or financial feasibility presents a barrier to other emission reduction actions.

Next Steps + Schedule

- Second Cross-Commission Review (*Social Infrastructure Strategies: Aging in Place, Board of Health, Citizens Involvement, Community Development, Community Relations, Disability Access, Farmers' Market*): May 12th
- Public Launch of Draft Plan: May 13th
- Farmer's Market: May 21st
- Community Feedback through end of May
- Final Affinity Group Meetings (5)
- A Day in Our Village: June 5th
- Revisions
- Final Draft presented to Board: June 27th

Next Steps + Schedule

Village of Oak Park S/CARP – Sustainability and Climate Action and Resiliency Plan

Proposed Scope and Timeline

	RFP Section Reference	10.2021	11.2021	12.2021	01.2022	02.2022	03.2022	04.2022	05.2022	06.2022	07.2022	08.2022	09.2022	10.2022
Required Element 1: Scoping and Inventory														
Review existing State, regional, and Village sustainability plans	Scoping & Inv.													
Evaluate regional S/CARP approaches, both technical and community elements, from prior two years	Scoping & Inv.													
Collate Village emissions data using a single software platform, i.e. ICLEI ClearPath	Scoping & Inv.													
Required Element 2: Energy, Transportation, Waste and Ecosystems														
Develop BAU forecast and emissions reduction scenarios based on Village, Cook County, & regional GHG drivers	Energy, Transp., Waste & Ecosys.													
Required Element 3: Scenarios														
Develop quantitative goals and intermediate milestones	Scenarios													
Analyze technical, financial, policy, behavioral, and other requirements for implementation	Scenarios													
Review & incorporate ICLEI Science-Based Targets for interim GHG reduction goals in 2030 and carbon neutrality by 2050	Scenarios													
Required Element 4: Implementation Strategies														
Finalize the Community Engagement Framework	Impl. Item C													
Develop and evaluate community engagement metrics	Impl. Item C													
Facilitate discussions with Village staff, Trustees, and applicable Village Citizen Commissions and committees	Impl. Item C/F													
Create and facilitate ~5 monthly Affinity Groups	Impl. Item C													
Conduct ~3 human-centered design sessions with community service agencies and partners	Impl. Item C													
Conduct targeted household surveying and/or neighborhood events	Impl. Item C													
Curate and distribute the Community Input Kit to EEC, for use by Climate Plan Ambassadors	Impl. Item C													
Provide continuous website engagement, promote on social media and through local programs	Impl. Item C													
Engage with Oak Park youth and schools	Impl. Item C													
Participate at ~3 community events (Winterfest, Earth Fest, A Day in Our Village)	Impl. Item C													
Assemble data and assess gaps in the Village's sustainability programs, policies, actions and GHG reduction initiatives	Impl. Item G													
Develop draft implementation strategies including High Impact Action (HIA) scenarios	Impl. Items H-T													
Revise implementation plan based on feedback from the Village, edit to infuse other innovative approaches	Impl. Item V													
Develop a comprehensive, high-level sustainability roadmap for the Village with a focus on environmental justice	Impl. Item A													
Identify short- and long-term financing strategies for Village, Utility, and Community actions	Impl. Item B													
Present final draft S/CARP to Village governing body	n/a													
Create an internal staff report, public-facing report, and presentation file based on the final draft S/CARP	Impl. Item E													
Element 5: Project Management & Team Coordination														
Hold weekly internal team meetings to advance scope elements and determine key Village coordination topics	n/a													
Communicate regularly with the Village Project Manager, foster quick action on unpredictable occurrences	n/a													

Coral = community- or public-facing task

Note: the final compilation is referred to as a "final draft S/CARP" to indicate its completion without guaranteeing Village adoption.

as of 10.11.2021