

Green Communications Toolkit

A transferable, green communications strategy to aid municipalities across Michigan effectively communicate sustainability topics, programming and initiatives to communities.

Kathryn Economou, CLC Fellow

Catalyst Leadership Circle Fellowship
Graham Institute of Sustainability
The University of Michigan

7/28/2022



CATALYST LEADERSHIP CIRCLE FELLOWSHIP
GRAHAM SUSTAINABILITY INSTITUTE
UNIVERSITY OF MICHIGAN

Kathryn Economou, CLC Fellow
July, 2022



Image Provided by Kathryn Economou

A TRANSFERABLE, COMPREHENSIVE, GREEN COMMUNICATIONS STRATEGY AND MEDIA PACKAGE TO AID LOCAL GOVERNMENTS ACROSS MICHIGAN EFFECTIVELY COMMUNICATE SUSTAINABILITY BEST PRACTICES, TOPICS AND INITIATIVES TO COMMUNITIES.

The Team

Acknowledgements

Graham Sustainability Institute

Katie Economou, CLC Fellow, MURP, UofM

Alex Haddad, Strategic Communications Manager

Sarah Lee, CLCF Program Lead

Fatimah Bolhassan, Multimedia Designer

My Fellow Fellows, CLCF Fellows

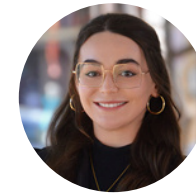
Meridian Township

LeRoy Harvey, Environmental Coordinator

Brandie Yates, Communications Specialist

Andrea Smiley, Communications Specialist

Green Dialogue Members, Green Meridian Group

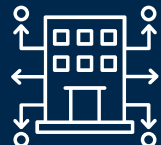


Problem

A Gap in Municipal Sustainability-Centric Communications Resources

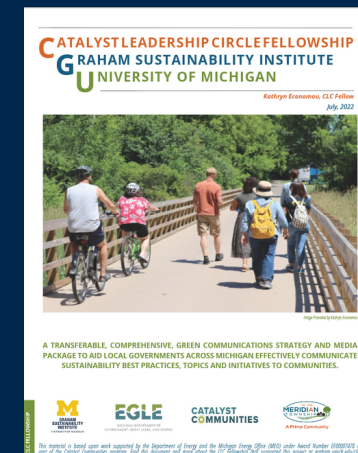
Problem

Lack of resources available to municipalities for sustainability communications



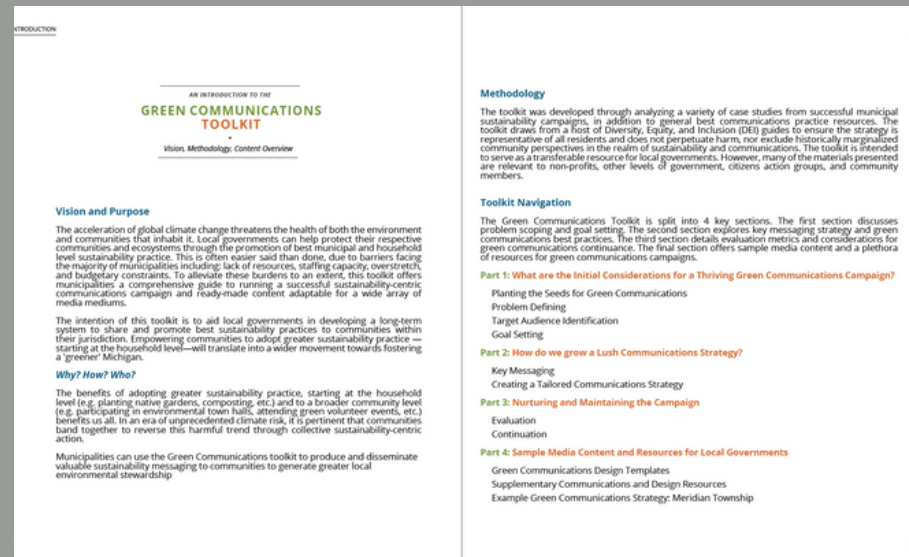
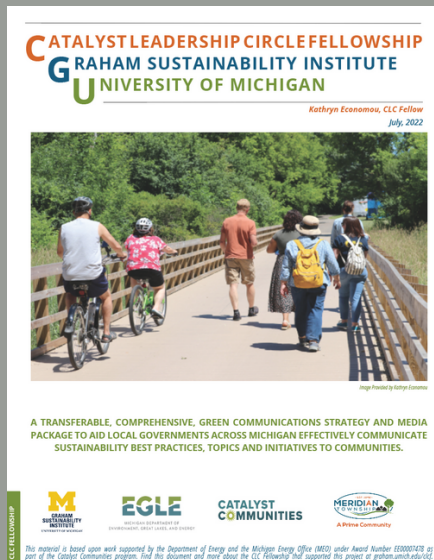
Remedy

Alleviate municipal burden through Green Communications Toolkit and Media Package



The Green Communications Toolkit

The toolkit provides municipalities with the tactics, resources, and skills necessary to make sustainability marketable and accessible to all residents.



See Pages 4-5

Methodology ✨



Case Study Exploration Communications Best Practice



Diversity, Equity, Inclusion Best Practice

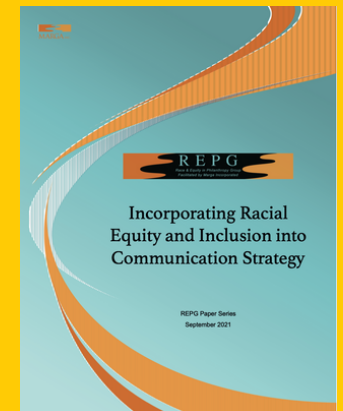


Meridian Township Collaboration

See Page 5



NRPA Green Parks Toolkit



REPG Racial Equity Guide

Michigan Municipalities

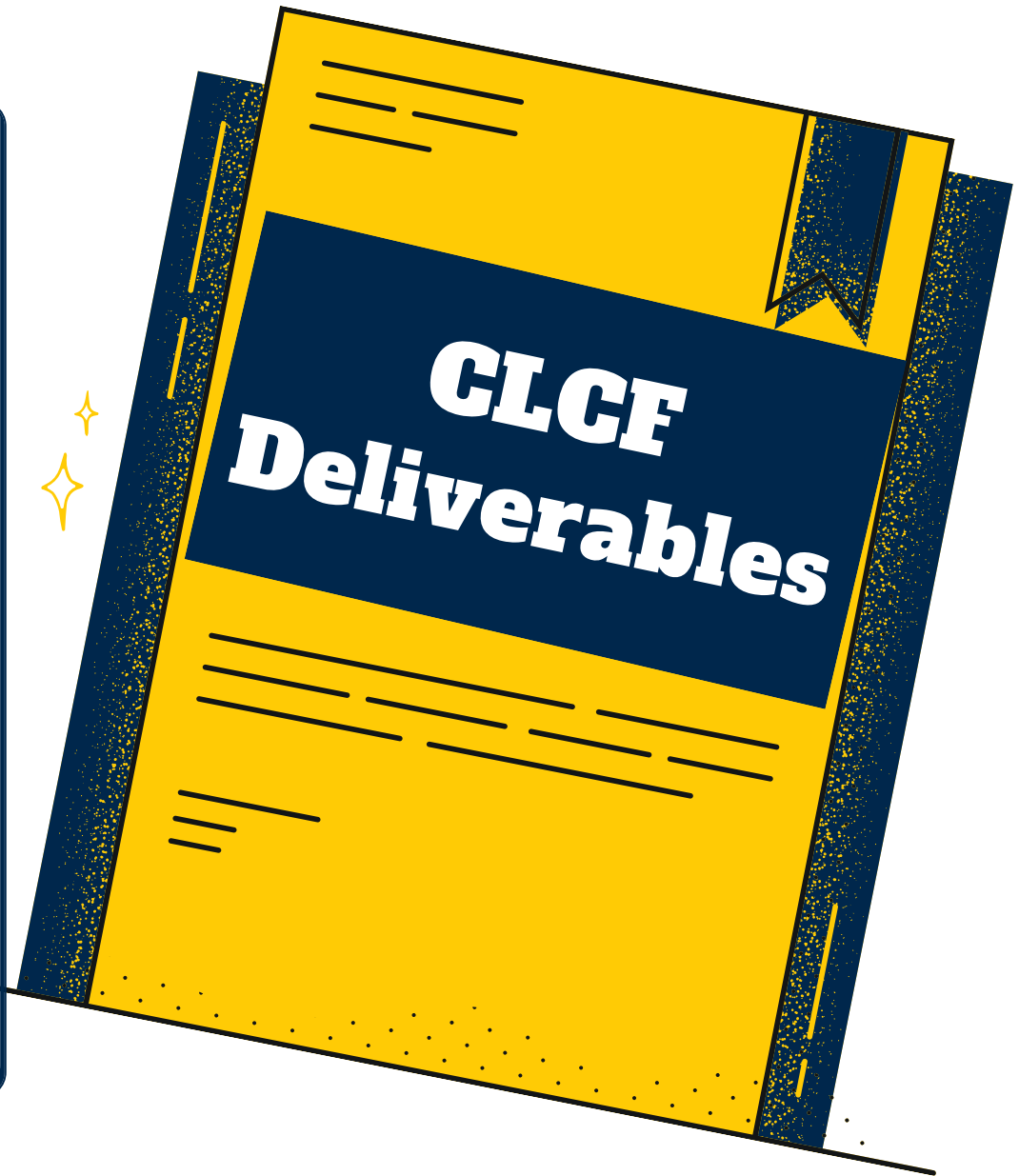
- Green Communications Toolkit
- Transferable Media Package

Formats: Print, PDF, and Website

Meridian Township

- Green Meridian Communications Toolkit
- Green Grant Communications Strategy
- Green Grant Media Package
- Green Meridian Sample Media Package

Formats: Resource Repository Drive and Website



Toolkit Overview ✨

Major sections of the Green Communications Toolkit

Part 1: What are the Initial Considerations for a Thriving Green Communications Campaign?

- Planting the Seeds for Green Communications
- Problem Defining
- Target Audience Identification
- Goal Setting

Part 2: How do we Grow a Lush Communications Strategy?

- Key Messaging
- Creating a Tailored Communications Strategy

Part 3: Nurturing and Maintaining the Campaign

- Evaluation
- Continuation

Part 4: Sample Media Content and Resources for Local Governments

What are the Initial Considerations for a Thriving Green Communications Campaign?

PART 1

Planting the Seeds for Green Communications

1. Problem Defining
2. Target Audience
3. Goal Setting

Step 1: Naming the Problem

Where do gaps exist?

- Engagement & Outreach
- Asset Organization
- Current Successes/Setbacks



Step 2: Target Audience ID

Who are we trying to reach?

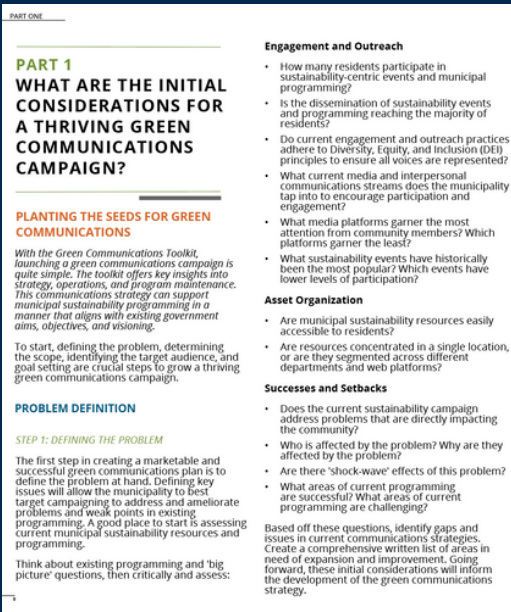
- Demographic profile
- Geography
- Principles, values, priorities
- Level of awareness



Step 3: Goal Setting

What are we trying to achieve?

- S.M.A.R.T Goals
- Metrics of Success
- Logic Model



See Pages 6-9

Part 1: Meridian Example, Problem Definition

Current Engagement/Outreach	Current Organization of Township Assets	Current Successes/Setbacks
Channel of Communication <ul style="list-style-type: none">• Green Meridian Webpage• Meridian Township Website• Green Meridian Facebook• Meridian Township Social Media	Department Coordination <ul style="list-style-type: none">• Meridian Comms Dept (Dissemination to GM Webpage and Township Social Media)• Green Meridian Facebook (GM department)	Successes <ul style="list-style-type: none">• Consistent weekly posting for "Green Thursdays"
Analysis <p>Green Meridian Web Analytics:</p> <ul style="list-style-type: none">• Webpage visits down by 11%• Facebook engagement steady	Resource Organization <ul style="list-style-type: none">• Spread across different department Webpages<ul style="list-style-type: none">◦ Segmented Content Analysis <ul style="list-style-type: none">• Broken hyperlinks on webpage for resource directing• Web resources not easily accessible due to different locations	Setbacks <ul style="list-style-type: none">• Website has scattered resources and broken hyperlinks which limit accessibility• Lack of resources and personnel dedicated to sustainability communications and materials dissemination



Gaps Identified

- Segmentation of sustainability resources on webpage
- Lower rates of digital engagement
- Lack of centralization of sustainability content between departments
- Nonfunctional links and widgets on Green Meridian webpage

Problem Scope Checklist



Part 1: Meridian Example

Goal Setting & Logic Model



Municipal S.M.A.R.T Goals

Toolkit Page 8, Municipal S.M.A.R.T Goals
Model Inspired by University of California, Berkeley, "[SMART Goals](#)"



(S)pecific



(M)easurable



(A)ttainable



(R)elevent



(T)ime-oriented

Meridian Twp. Logic Model

Green Communications Toolkit

Problem Definition:

Meridian Township is rich in natural landscapes, green infrastructure, and sustainability-centric programming. Despite the Township's strong eco-friendly footing, a gap exists between the abundance of Township green resources and community buy-in.

Target Audience:

Meridian Township would like to increase participation in sustainability programming and initiatives in the following groups:

- Independent Community Organizations (e.g., Boy Scouts, Mid Michigan Group, Faith-based organizations, community action groups, etc.)
- Additional Audiences of Interest for General Programming:
 - Homeowners
 - Youth, Young Adults, Senior Residents (Residents below the age of 18, Residents between the ages 19-27, Residents above the age of 65)

Meridian Township Logic Model:

Goal	Metric of Success & Timeline	Resources & Outputs	Channels of Communication	Action Plan	Evaluation & Continuation
Goal 1 Increase community organization involvement in the Green Grant Program	M.O.S 5% Grant Application Increase Date July 2023	Deliverables Green Grant media package, grant project specific write-ups for news media, green grant fliers, green grant landing page on township website Resources <u>Owned:</u> Design resources, HOMTV press <u>Paid:</u> Communications/design intern <u>Shared/Earned:</u> Grant recipient organizations listservs	Channel of Communication <u>Print:</u> Fliers, Community Bulletin, Township Brochure <u>Digital:</u> Social Media, Webinars, HOMTV, Green Gazette E-Newsletter, Green Meridian Webpage <u>Interpersonal:</u> Community Events, Grant Ribbon Cutting Ceremonies	Action Plan	Evaluation <u>Planned:</u> CBA/CEA Analysis, Impact Analysis Continuation <u>If Necessary:</u> Remedy plan

How do we Grow a Lush Green Communications Strategy?

PART 2

Growing a Lush Communications Strategy

1. Key Messaging
2. Tailoring the Strategy

Step 1: Centering Goals

Spurring Connections

- Municipal goals, aims, vision, resources, and capacity
- Target audience concerns, interests, and policy priorities



Step 3: Strategy Tailoring

How will we communicate?

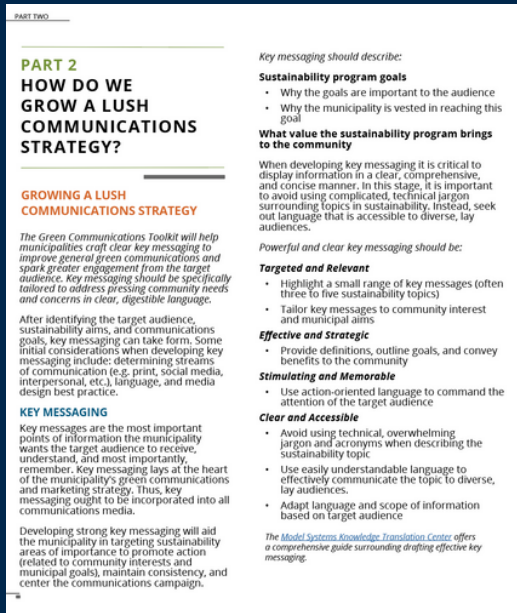
- Channels of communication
- Strategy Development



Step 2: Key Messaging

What do we want to convey?

- Anatomy of powerful messaging
- Vision and mission statements



See Pages 10-13



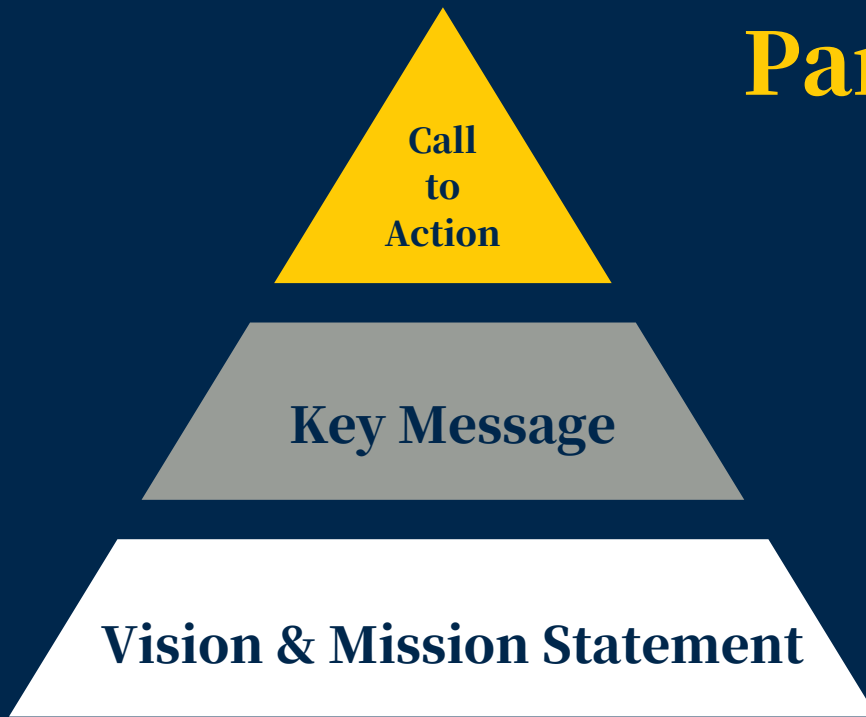
Part 2: Meridian Example

Key Messaging



Key Messaging Tips

Toolkit Page 10, Key Messaging



Anatomy of Powerful Key Messaging

Mission Statement

"Meridian Township is committed to improving the environmental well being of the community and creating a sustainable future."

Key Message

"Help Meridian go green by enrolling in the new native yard community task force!"

Call to Action (Supporting Message)

"Native yards absorb nearly 35% more stormwater run-off than traditional lawns and are serve as habitats to natural pollinators. Learn more at: www.meridian.mi/greenmeridian"

How do we Grow a Lush Green Communications Strategy?

PART 3

Cementing a Flourishing Campaign

1. Evaluation
2. Continuation

Step 1: Logic Model Analysis

Successes? Setbacks?

- Metrics of success
- Impact evaluation



Step 2: Strategy Audit

Points of Weakness and Prowess?

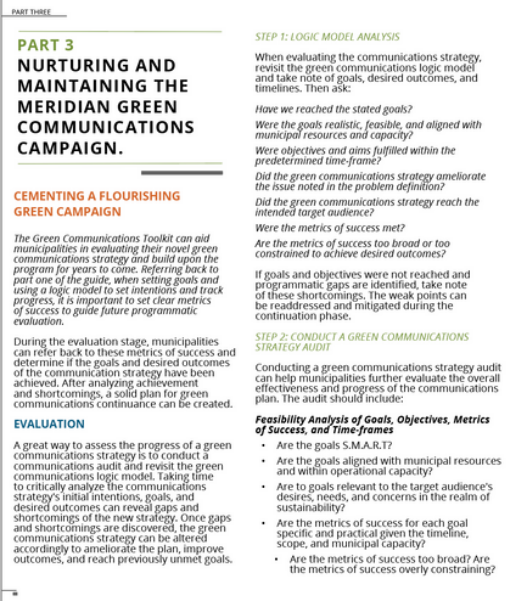
- Feasibility Analysis
- Channels of Communication Analysis
- CBA/CEA Hybrid Model



Step 3: Community Outreach and Engagement

Harnessing Community Feedback

- Methods of community outreach
- Reevaluation of priorities



See Page 14-20

Continuation: Remedy Plan

Initiating Strategy Change

- Creating an action plan
 - Identify root cause and sources of setback
- Develop reform measure to combat root issue
- Reallocate resources accordingly
- Generate new metrics of success and alter logic model

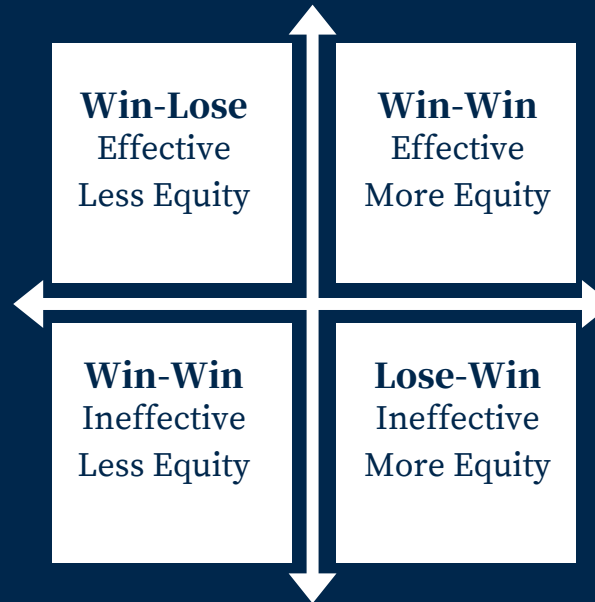
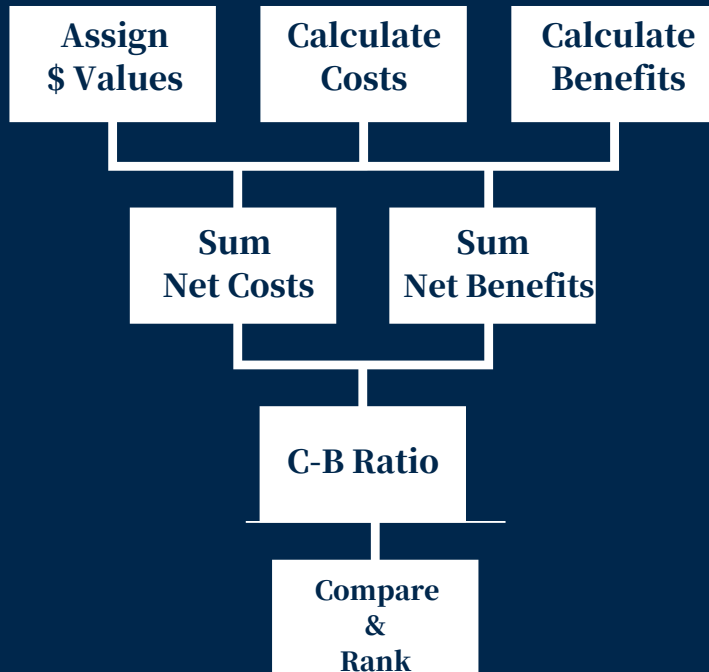


Part 3: Evaluation Example

Cost-Benefit Analysis + **Cost-Effectiveness Analysis** = **Hybrid Model**

- Tangible & Dollar Values
 - ex: cost of paid channel
- Blindspots

- Intangible & Value Weights
 - ex: community utility
- Equity Lens



CBA CEA



**Holistic
Approach to
Strategy
Evaluation**

Part 3: CBA/CEA Hybrid Model & Remedy Plan

GREEN COMMUNICATIONS STRATEGY COST-BENEFIT ANALYSIS TEMPLATE

MUNICIPALITY				FACILITATOR	
GREEN COMMUNICATIONS STRATEGY				DATE	

QUANTITATIVE ANALYSIS	TIME (ANNUAL/MONTHLY)	TIME	TIME	TOTAL
NON-RECURRING COSTS				
(Enter Non-recurring Costs Here)				\$ -
				\$ -
				\$ -
TOTAL NON-RECURRING COSTS	\$ -	\$ -	\$ -	\$ -

RECURRING COSTS	TIME (ANNUAL/MONTHLY)	TIME	TIME	TOTAL
(Enter Recurring Costs Here)				\$ -
				\$ -
				\$ -
TOTAL RECURRING COSTS	\$ -	\$ -	\$ -	\$ -

TOTAL COSTS (NON-RECURRING & RECURRING)	\$ -	\$ -	\$ -	\$ -
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QUANTITATIVE BENEFITS	TIME (ANNUAL/MONTHLY)	TIME	TIME	TOTAL
REVENUES				
(Enter Revenue Sources Here)				\$ -
				\$ -
				\$ -
TOTAL REVENUES	\$ -	\$ -	\$ -	\$ -

COST SAVINGS	TIME (ANNUAL/MONTHLY)	TIME	TIME	TOTAL
(Enter Cost Savings Here)				\$ -
				\$ -
				\$ -
TOTAL COST SAVINGS	\$ -	\$ -	\$ -	\$ -

TOTAL BENEFITS	\$ -	\$ -	\$ -	\$ -
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GREEN COMMUNICATIONS STRATEGY COST-EFFECTIVENESS ANALYSIS TEMPLATE

MUNICIPALITY				FACILITATOR	
GREEN COMMUNICATIONS STRATEGY				DATE	

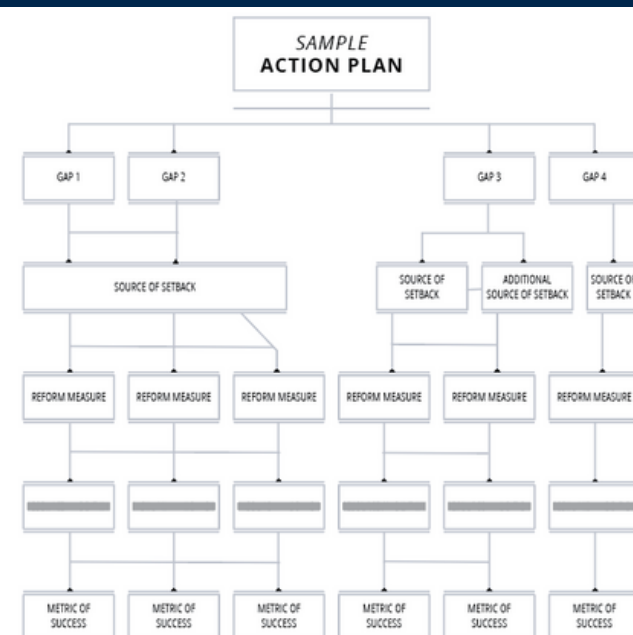
COST-EFFECTIVENESS RATIO	IMPACT	COST	CE RATIO
STRATEGY COMPONENT			#DIV/0!
(Enter Strategy Aspect Here)			#DIV/0!
			#DIV/0!

WEIGHTS OF IMPORTANCE DESIGNATION	IMPACT	WEIGHTED SCORE	COST	WEIGHTED CE RATIO
WEIGHTS	Insert Weights Here			
INSERT STRATEGY ASPECT HERE		#VALUE!		#VALUE!
		#VALUE!		#VALUE!

MARGINAL CUMULATIVE STRATEGY	IMPACT	MARGINAL EFFECT	COST	MARGINAL COST	INCREMENTAL CE RATIO	TOTAL CE RATIO
Rank Strategies here in order from largest to smallest weighted CE ratio	Enter Strategy with Largest Weighted Score Here				0.00	#VALUE!
		#VALUE!			0.00	#VALUE!
		0.00			0.00	#DIV/0!

GREEN COMMUNICATIONS STRATEGY COST-BENEFIT ANALYSIS SUMMARY TEMPLATE

QUANTITATIVE ANALYSIS	TIME (ANNUAL/MONTHLY)	TIME	TIME	TOTAL
BENEFITS				
COST SAVINGS	\$ -	\$ -	\$ -	\$ -
REVENUE	\$ -	\$ -	\$ -	\$ -
TOTAL BENEFITS	\$ -	\$ -	\$ -	\$ -
COSTS				
NON-RECURRING	\$ -	\$ -	\$ -	\$ -
RECURRING	\$ -	\$ -	\$ -	\$ -
TOTAL COSTS	\$ -	\$ -	\$ -	\$ -
NET BENEFIT OR COST	\$ -	\$ -	\$ -	\$ -



See Page 17-18, 20



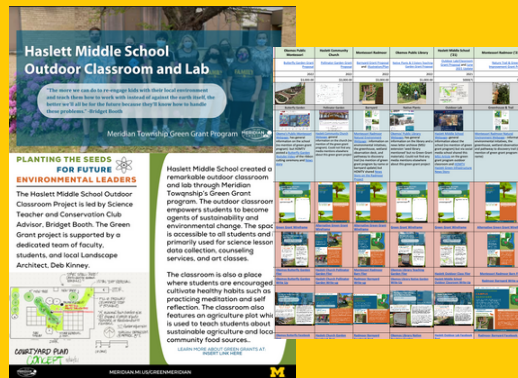
Sample Media Content and Resources for Local Governments

PART 4

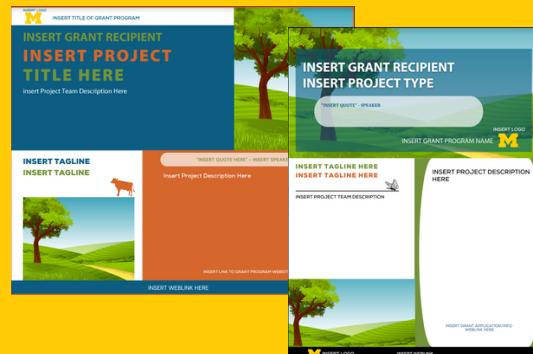
Sample Media Content and Resources

1. Meridian Township Strategy and Content
2. Green Communications Design Templates
3. Supplementary Design/Communications Resources

Meridian Example



Design Templates



Supplementary Resources

Logic Model Template **Green Communications Toolkit**

Problem Definition:
Insert Problem Statement Here.

Target Audience:
Insert Target Audience Description Here.

Green Communications Logic Model:

Goal	Resources	Inputs	Outputs	Short-term Outcomes	Evaluation & Continuation
Goal 1:	What resources are needed to reach the goal? What is the metric of success?	What actions must be followed to reach the goal?	What are the deliverables?	What outcomes are achieved in the short-term and the long-term?	How was the goal achieved, was the impact of success? Justify what steps need to be taken to maintain progress?
Goal 2:					
Goal 3:					
Goal 4:					
Goal 5:					

ng • Marketing
Develop and design promotional materials in accordance with existing brand standards.

Media
Pitch stories with media packages (Green Projects Spreadsheet)
Engage media with on-site photo ops
Identify opportunities to tie in with community events
Identify opportunities for live coverage
Radio, print, digital, TV, streaming
Digital Communications
Fact sheets
Infographics
Flyers
Newsletter blurb
Media Platforms • Content Creation
Videos (e.g., Facebook Reels), photographs
Themed campaigns (e.g., green tip of the day)
Toolkit/Spreadsheet of visual elements

Landing page improvement
Event page improvement
Calendar improvement
Inventory

Engagement
Green Neighborhood Network
Green Dialogue
Green Fair



See Page 21

Green Meridian Communications Toolkit

The Green Meridian communications strategy and media package was produced in partnership with the University of Michigan Graham Sustainability Institute's Catalyst Leadership Program and Township program. The package is intended to cross-promote Meridian's Green Grant program and general sustainability programs to increase community participation in local sustainability initiatives.

Video Here

Introduction to the Green Meridian Communications Toolkit

CLC Green Communications Toolkit Vision and Goals

Township Level Goal

The aim of this project is to encourage the residents of Meridian Township to increase sustainability at the household level and deepen their engagement with Green Meridian programming. We will achieve these goals through enhanced communications, by presenting materials in an easy-to-understand language by using clear visuals and information that is both accessible and digestible to diverse lay audiences. These materials will be structured to clearly depict the importance of the environmental issues and what actions community members can take to ameliorate problems at hand.

This communications guide includes a Green Meridian dissemination strategy so that individuals receive information that is pertinent to them. The desired impact of this project will be to increase awareness and general knowledge surrounding sustainability issues and interventions to the residents of Meridian Township and beyond. The project also seeks to increase community participation in Meridian Township's Green Grant program. To promote the Green Grant program, we will develop a grant specific media package that celebrates the successes of past grant recipient projects through the creation of various media deliverables (e.g. Fliers, Social Media Content, Press Releases, etc.). The grant specific content package cross-connects various existing Green Meridian programming to simultaneously increase overall community participation in Meridian Township sustainability initiatives and the grant program itself.

Significance: This project directly addresses Green Meridian's goals of: promoting best sustainability practice from the individual to township level, increasing resident engagement in Green Meridian initiatives, and making sustainability more marketable through developing new enviro-educational media. This project deviates from the status quo by adopting a novel media relations/communications strategy and developing new high quality educational materials. Another intended impact of this project is to increase participation in Green Meridian events and the Green Grant program.

The Okemos Public Montessori Butterfly Garden

"Thank you to Okemos and Montessori Township, after the tough year children and teachers have had in the community, it feels so good to be together and celebrate something beautiful!" Christine Bowers

Meridian Township Green Grant Program

A GREEN METAMORPHOSIS: THE OKEMOS MONTESSORI BUTTERFLY GARDEN

The Green Grant Butterfly Garden Project team is led by Christine Public, Montessori at Central's third and fourth-grade science teachers, Christine Bowers, Kelly Bernhardt, Mary Deterly, and Erin Lufkin.

The dedicated team of teachers worked in collaboration with Michigan State University's 4th Children's Garden program to adapt supplemental experiential learning practices to inspire students to become future environmental conservationists.

Through Meridian Township's Green Grant Program, the Okemos Public Montessori restored a neglected portion of the school's property into a sustainable native environment for local pollinators. The butterfly garden is an inviting space where children and the community members alike can learn to become contributing stewards of the environment.

The holistic learning space equips students with scientific observation skills, opportunities to explore the natural environment, and an understanding of valuable local ecology. This is a remarkable example of community leadership in constructing a greener Meridian.

JOIN THE GREEN TEAM!

Get involved and learn more about rain gardens, green infrastructure, shoreline preservation, waterfront gardens, climate action, native plants, and sustainability.

Meridian.mt.us/GreenMeridian

WHAT IS A WATERFRONT GARDEN?

Waterfront gardens are natural shoreline buffers that provide a many environmental benefits such as runoff, pollution, and erosion reduction. Vegetative buffers are made of native trees, shrubs, and plants that absorb runoff and filter out toxins.

ANATOMY OF A WATERFRONT GARDEN

COMMON NATIVE WATERFRONT GARDEN PLANTS

AQUATIC PLANTS	INTERMEDIARY PLANTS	UPLAND PLANTS
River bulrush	Porcupine sedge	Black-eyed susan
Giant Bur reed	Swamp milkweed	PI sunflowers
Blue flag iris	Blue vervain	Wild bergamot

SHORELINE PRESERVATION BEST PRACTICES

- TIP #1: DON'T HOW AT THE WATER'S EDGE. THIS WILL ALLOW DORMANT NATIVE VEGETATION TO FLOURISH AND CREATE A NATURAL BUFFER ZONE
- TIP #2: PLANT MICHIGAN NATIVE PLANTS NEAR SHORELINES TO PREVENT RUNOFF POLLUTION

Through Meridian Township's Green Grant Program, the Montessori Radmoor school developed a plan to build a green barnyard area to expand upon their educational nature trail. green house, and herb gardens funded by a Meridian Township Green Grant initiative in 2021. The plan seeks to promote greater youth engagement in environmental preservation and eco-friendly farming practices.

THE RADMOOR MONTESSORI BARNYARD MOVING TOWARDS GREENER PASTURES

Through Meridian Township's Green Grant Program, the Montessori Radmoor school was able to build this educational barnyard and inspire others in the community to learn more about sustainable local agriculture and livestock production.

JOIN THE GREEN TEAM!

Get involved and learn more about rain gardens, green infrastructure, shoreline preservation, waterfront gardens, climate action, native plants, and sustainability.

Meridian.mt.us/GreenMeridian

MONTESSORI RADMOOR CAMPUS BARNYARD

The Green Grant Barnyard Project team consists of both Montessori Radmoor school students and faculty, David Coye and Jackie Arzoo are the staff facilitators, they work alongside a dedicated student leadership team: Gwen Herald, Sophia Heald, Ida Koehler, Atticus Loh-Ratan, Constantine Nazarov, and Zachary Schmitt.

LEGEND

- You are here
- Pathway
- Open Field
- Marsh
- Forest

THE RADMOOR MONTESSORI BARNYARD MOVING TOWARDS GREENER PASTURES

Through Meridian Township's Green Grant Program, the Montessori Radmoor school was able to build this educational barnyard and inspire others in the community to learn more about sustainable local agriculture and livestock production.

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Meridian.mt.us/GreenMeridian

WHAT IS A RAIN GARDEN?

Rain gardens are shallow areas of land lined with native vegetation that supports the collection of stormwater from roofs, roads, and other impervious surfaces. Rain gardens reduce runoff and decrease pollution, which prevents the contamination of local water and soil.

ANATOMY OF A RAIN GARDEN

WHY PLANT A RAIN GARDEN?

- 30-40% MORE RUNOFF IS ABSORBED BY RAIN GARDENS THAN CONCRETE DRAINS
- 70% OF ALL WATER POLLUTION IS CAUSED BY STORMWATER RUNOFF

RAIN GARDEN UPKEEP!

Rain gardens are simple to build and are self-maintaining, however, for these gardens to thrive removing invasive vegetation is key.

COMMON GARDEN WEEDS

JOIN THE GREEN TEAM!

Get involved and learn more about rain gardens, stormwater collection, green infrastructure, climate action, and sustainability.

Meridian.mt.us/GreenMeridian

Green Dialogue

Step into the Meridian Green Scene

Join us every Wednesday at 9:00am on Zoom to discuss environmental initiatives, interests, questions, and ideas.

Community Conversations for a Green Future

Transform Meridian

Tell us what you want to see to keep Meridian Green!

meridian.mt.us/greenmeridian

Join on Zoom: mt.us/green-dialogue

NEXT STEPS

Where do we go from here?

- Internal Review of Toolkit
- Dissemination of Green Communications Toolkit and Media Package

Questions?