



MARIN CLIMATE ACTION NETWORK

December 4, 2020

Marin County Board of Supervisors
Marin Civic Center
3501 Civic Center Drive, Room 330
San Rafael, CA 94903

Re: Drawdown Marin Strategic Plan

Honorable Supervisors,

Thank you for the opportunity to participate in the process of developing DRAWDOWN Marin (DDM) over the last three years and to comment on the Draft Strategic Plan. The Marin Climate Action Network, or MCAN, is the group that first conceived of what became “DRAWDOWN Marin”, and we are pleased to see the concept come to fruition.

DRAWDOWN Marin is a community-wide campaign focused on dramatically reducing Marin’s greenhouse gas emissions. To achieve its ambitious goals, it will need to

- **Form a new non-profit**
- **Secure funding**
- **Develop a broad community outreach & engagement program**
- **Facilitate the implementation of solutions at speed, scope, and scale**

The Marin Climate Action Network is gratified that many of our August 31 comments on the earlier Draft Plan have been taken into consideration. The version before you now is a succinct, well-written plan. We whole-heartedly recommend your endorsement of the plan and the rapid implementation of DRAWDOWN Marin. We offer the following additional comments to help move that process forward.

The Roadmap to Success

A welcome addition to the current plan is the inclusion of ‘roadmap’ charts indicating how the DRAWDOWN Marin solutions endorsed so far can accomplish the 2030 goal of

60% reduction of GHG emissions from 2005 levels. We strongly urge that the ‘roadmap’ chart showing how to achieve net zero GHG by 2045 be further refined to include numbers for both sequestration and GHG emission reductions, notwithstanding the caveat that conditions will change over those 25 years. Clearly, strategies and solutions will be adjusted along the way. But we will not arrive at this crucial destination without a clear roadmap for the entire journey.

MCAN’s “Roadmap to Drawdown,” submitted in our comments on the draft Strategic Plan, shows one approach to such a chart. (See attached ‘Projected Timeline’ sheet.) As also suggested in that document, we recommend three additional solutions, for near-term consideration by the Drawdown Marin Board:

- Endorse the **MCE’s ‘Fossil Free’** and the County’s **‘Electrify Marin’** programs as foundational to achieving the necessary levels and rates of GHG reduction.
- Develop and endorse a **‘Beyond Marin’** solution, including support of producer responsibility, carbon pricing, and the replication of DDM models outside Marin, in order to more effectively address consumption-based emissions.

We are encouraged by the attention paid to consumption-based and embodied emissions. As the plan notes, GHG emissions associated with supply chains are significant. Consumption-based inventories of greenhouse gas emissions are necessary to track such emissions, and to reduce them with multi-sector solutions that become part of a regenerative economy. We look forward to the refinement and updating of these inventories.

Community Engagement

MCAN also appreciates the inclusive language on equity and community empowerment and the call that these values be incorporated throughout all DDM solutions. Diverse partnerships throughout all sectors of the community also must be developed and strengthened. To further this objective, we urge increased attention to how “the community” is defined and will ultimately be included and engaged. Examples would be to place “community members” first in the list of those comprising the DDM Board of Directors (p.7) and to return to the language proposed by the Steering Committee to specify community representation on the Board to include “environment, equity, business, health, others” (p. 29).

The emphasis should be on partnerships that efficiently leverage and amplify climate solutions, building on the networks that businesses and other organizations have already developed. It’s important to recognize the roles of the business community, 21st century labor and workforce training, non-profits working as conveners and advocates for climate action, and broad policy engagement across all elected bodies. MCAN also appreciates the fundamental role that the Plan gives to community outreach and engagement of cities and towns, which will be essential to building these relationships.

In addition, we recommend continued active involvement of the members from the six “Collaboratives”, the volunteer community of over 150 citizens who contributed their time and expertise over the last two years to develop the DRAWDOWN Marin solutions in six key categories of greenhouse gas reduction and climate resilience.

Launching the DDM Non-Profit

The inclusion of detail about the composition of the Drawdown Marin Board of Directors, including the organizational chart, is welcome. MCAN strongly recommends that the formation of DRAWDOWN Marin as a new non-profit be accelerated. The selection and first meeting of the founding board should be accomplished by Earth Day, 2021! The organization’s legal standing as a 501(c)3 non-profit should progress without delay and proceed through the early months of the new year.

We likewise welcome the priority the plan gives to funding, and we urge the rapid completion and implementation of a comprehensive and sustainable Development Plan. We are attaching an additional ‘Potential Resources’ sheet from MCAN’s ‘Roadmap to Drawdown’ to suggest the diverse sources of support, both monetary and policy, that need to be included in such a Development Plan to achieve the full potential and ambitious goals of Drawdown Marin.

The last two years have engaged many thoughtful and committed volunteers, and their work-product is substantial and of great value. MCAN considers the Drawdown Marin Strategic Plan to be a good start at mapping the next part of the effort. The Marin Climate Action Network fully supports your endorsement of the plan.

Sincerely,

The Marin Climate Action Network:

Leslie Alden	Robert Gould	Kiki LaPorta
William Carney	David Haskell	Doug Wilson
Belle Cole	Wendi Kallins	Chris Yalonis
Carleen Cullen	David Kunhardt	

ATTACHMENTS:

MCAN Roadmap to Drawdown, ‘Projected Timeline’
MCAN Roadmap to Drawdown, ‘Potential Resources’

Projected Timeline

MCAN Roadmap to Drawdown



	2017	2030 **	2039	2045
Yearly tons CO2e * Emitted	1,441,640 (25% below 2005 GHG)	768,200 (60% below 2005)	422,600 (78% below 2005)	192,000 (90% below 2005)
Yearly tons CO2e * Sequestered	395,500 (27% of emissions)	423,500 (55% of emissions)	448,700 (106% of emissions)	465,500 (242% of emissions)
Net GHG balance	1,046,140	344,700	-26,100	-273,500

DRAWDOWN !

* 2005 countywide emissions baseline = 1,920,506 tons CO2e, per MCEP

* Current sequestration from countywide vegetation, per 'iTree' (sustained by *Ecologically Sound Practices*)

** Increased sequestration & decreased emissions from DDM primary Solutions, per DDM & MCAN estimates

Potential Resources

MCAN Roadmap to Drawdown



<i>Solution & Lead Organizations</i>	<i>Yearly budget*</i>	<i>Funding support</i>	<i>Regulatory & policy support</i>
Fossil-free electricity <i>MCE Clean Energy</i>	—	- MCE/PG&E utility rates - power purchase agreements	- already in MCE strategic plan - include in PG&E plan
Zero-emission vehicles <i>Drive Clean Bay Area</i>	\$ 675,000	- TAM Measures A & B - regional & state grants - % of more MCE electric use	- promote switch to electric (utility plans & CCAPs)
Building electrification <i>Electrify Marin/MCE Energy</i>	300,000	- regional & state grants - % of more MCE electric use - PACE financing	- incentivize switch to electric (utility plans & building codes)
Biomass recovery <i>Biomass Recovery Group Zero Waste Marin</i>	180,000	- franchise agreement rates - ZWM landfill tipping fees - MWPA Measure C	- amend FAs to meet SB1383 - mandatory organics recycling - BAAQMD permitting support
Local food & agriculture <i>Agricultural Institute of Marin</i>	1,000,000	- regional, state, fed. grants	- add local food to CCAPs
Climate resilient communities <i>Resilient Neighborhoods, Fairfax Pavilion, Resilience Hub</i>	200,000	- local, regional & state grants - local carbon offsets	- include in CCAPs
Carbon farming <i>Resource Conservation District Carbon Cycle Institute</i>	2,060,000	- cap & trade/healthy soils \$\$ - % of restaurant tabs	- add sequestration to CCAPs
Organizational support <i>Drawdown Marin</i>	985,000	- County & city core support - 'impact' investment sources - philanthropic support	-align with CCAP implementation
ANNUAL TOTAL:	\$5,400,000	<i>Continue to 2045 with Marin Climate Mobilization tax measure</i>	

* Estimated yearly budgets based on 7/2020 draft Strategic Plan (p. 18), Appendix E, and individual Solution presentations.