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What is a greenprint?

Strategic conservation plan or assessment tool that reveals the economic and social benefits that parks, open space, and working lands provide communities.



The Bay Area



Problem

- Conservation is not considered early enough in the planning and project development process
- Confusing access to data
- Multi-benefit and landscape-scale planning is uncommon yet desired



photo by Teri Shore

Solution: Bay Area Greenprint

- Incorporate natural resource conservation early in planning processes
- Supply planners with a one-stop shop for natural resource data and assessments
- Raise awareness about nature and its benefits

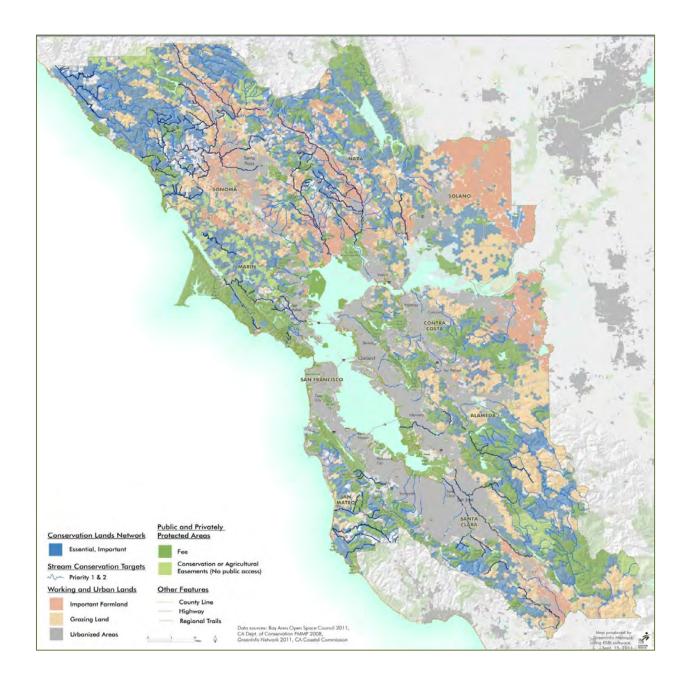


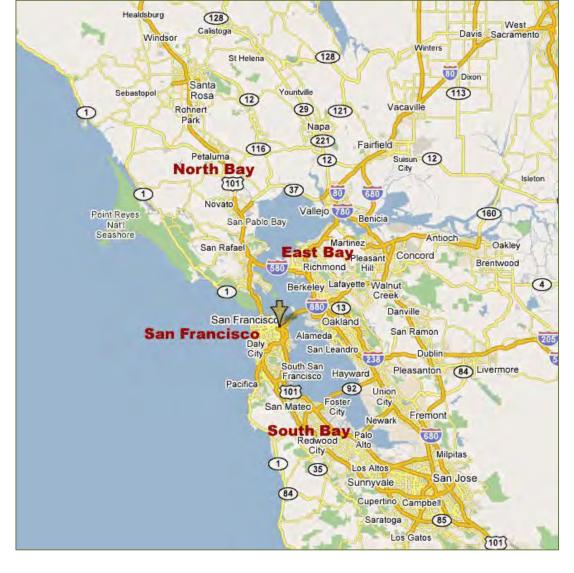
Goal of the Greenprint

Sustainable growth and conservation informed land use decisions lead to the protection of natural resources



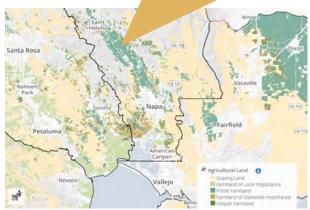
photo by Teri Shore

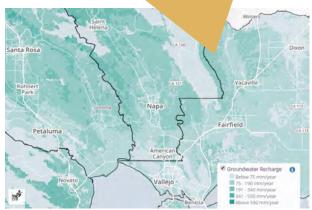












Reaching our Goal

- Get natural resource data into the right hands early on
- Revolutionize thinking and build capacity
- Keep the data fresh, useful, linked
- Cited and referenced
- Bookmarked on every planner's browser

Who is using the greenprint?

Infrastructure Agencies **Consultants**

Planners

Developers

Conservation Agencies

Advocates



Strategic Advisors Group

























Terrell Watt Planning Consultants











Science & Methods Committee













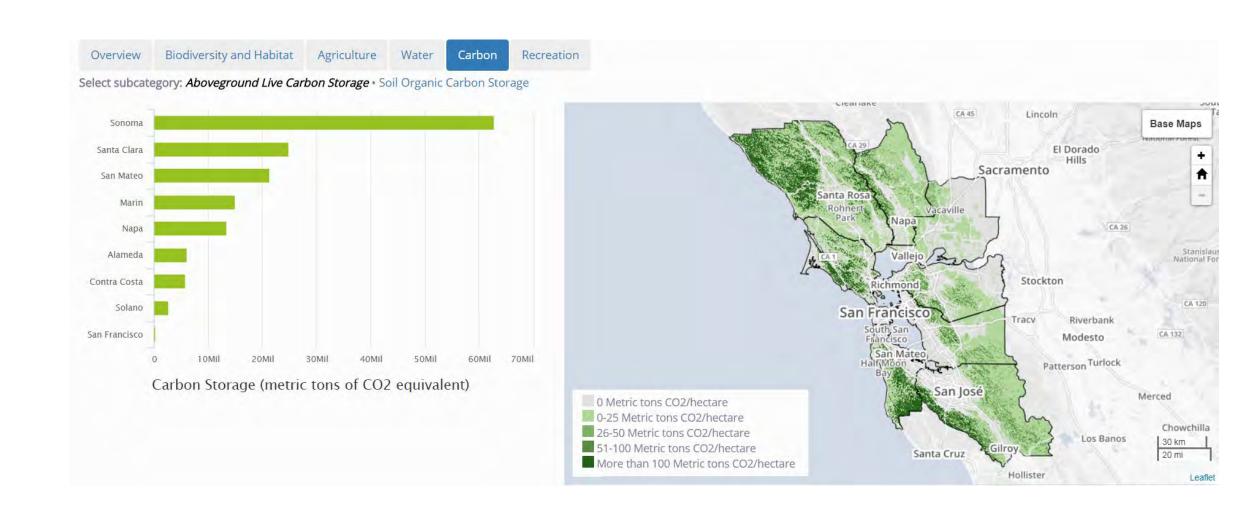






How this Greenprint is unique

"Wall-to-wall"



"Living" Data Sources

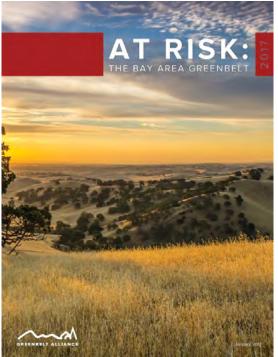






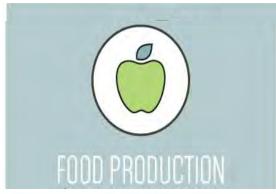


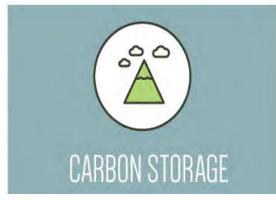




Nature's Values and Benefits

BAY AREA GREEN PRINT











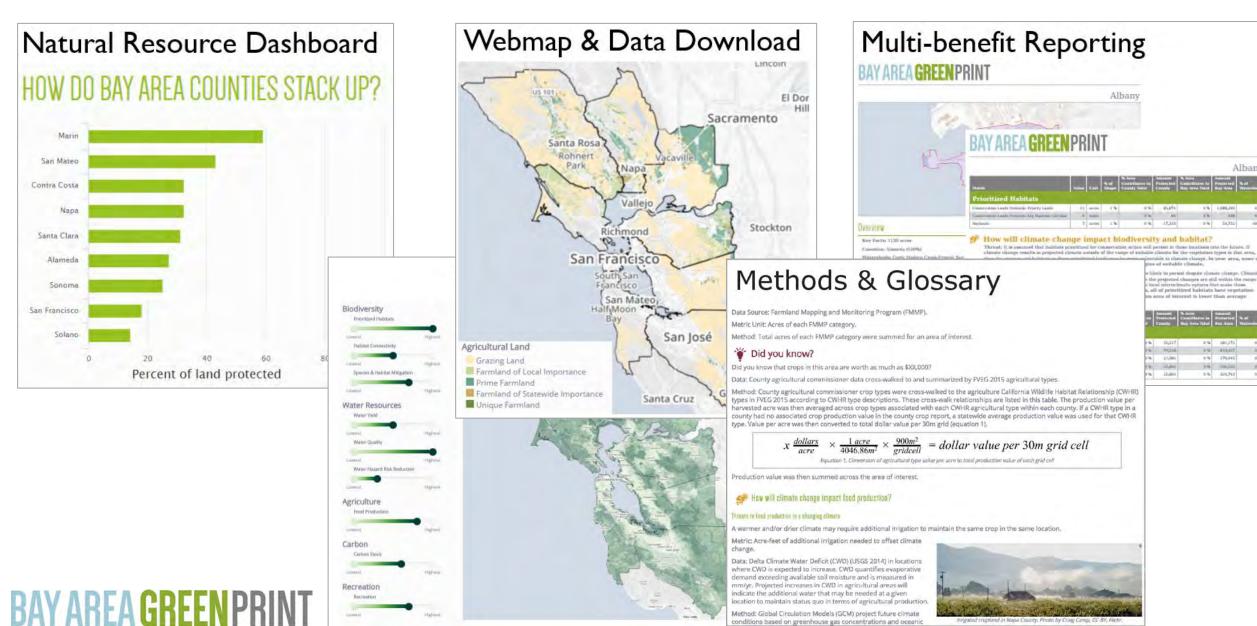








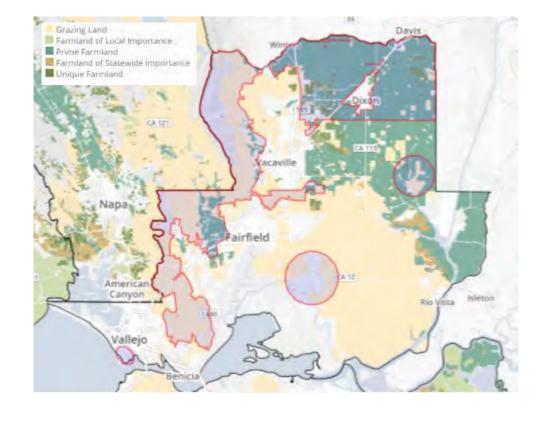
How can I access information in the Greenprint?



Does this matter?

How much prime farmland?

68,000 acres



Is that a lot? More than half of the county's prime farmland

Is farmland already protected?

Only **2.5%** of the county's prime farmland is protected



There are observations of **rare or protected species** in your area of interest

The value of crops in this area are worth as much as \$550,000

The groundwater recharge potential in this area is equivalent to the annual water use for 36,368 households

Your area is part of a municipal drinking water supply watershed

How will climate change impact nature's values and benefits?

Threat

How is each resource threatened by climate change?



Opportunity

What opportunities exist to protect these resources given a changing climate?





How will climate change impact food production?

Threat: A warmer and/or drier climate may require additional irrigation to maintain the same crop in the same location.

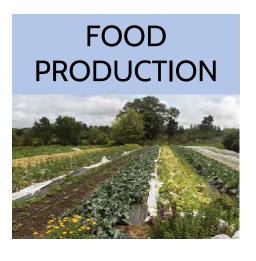




Opportunity: Growers in the Bay Area are particularly innovative and adaptable to changing conditions. Even in the recent drought, many agricultural lands in the Bay Area still supported crops.



What policies protect nature's values and benefits?











"Life Cycle"

Impact:

New land acquisition Restored waterway Litigation-free development

Current Data:

Conservation Lands Network Regional Advance Mitigation Greenbelt Policy

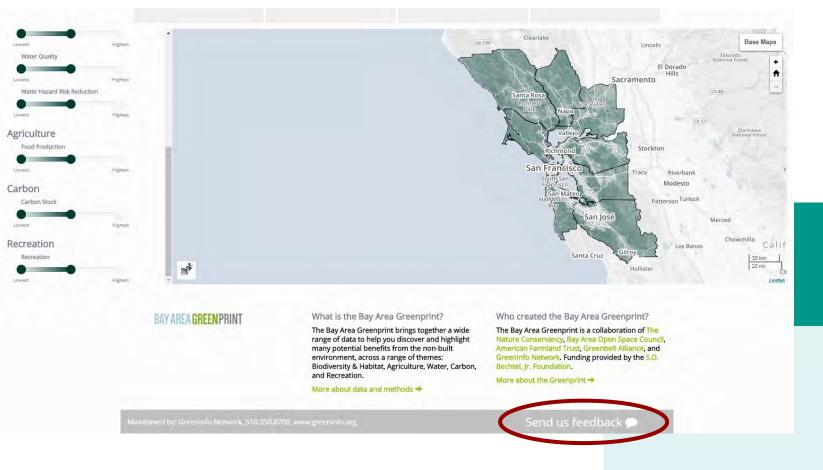
Bay Area Greenprint

Uses:

Priority Conservation Areas
Service Boundary updates
General plan updates
Scenario planning
Scoping EIRs

Decision Makers:

Planners
Infrastructure agencies
Conservationists
Advocates
Developers



Send us Feedback

and o	iks for trying out the Bay Area Greenprint website at <u>bayareagreenprint.org</u> . Since this is a new complex system, we're sure there are quirks and things we need to improve, so we'd be thrilled it your feedback!
Wh	ich feature are you commenting on? (check all that apply)
	Home page
	Dashboard
	Web map
	Report generator or report
	Glossary, methods, and documentation
	Other:
Wh	at would you like us to know?
You	ränswer
Wh	at browser are you using?
0	Chrome on PC
0	Firefox on PC

BayAreaGreenprint.org

Case Studies

- ~Scoping EIR → Vacaville UGB-City Limit Gap
- ~General Plan Update → Pick a City/County
- ~Scenario Planning & Measuring Impact → Community Separators

Sonoma County Community Separator

Expansion in 2017 from Measure K

Results

How much land is	<u>1998 extent</u>		2017 extent
How much land is policy protected?	17,147 acres	3.1x larger	53,868 acres
Priority Conservation Lands Network	6,193 acres	+12,798 acres	18,991 acres
Agricultural value affected	\$25m	4.2x more	\$106m
	42% of county's baylands		
Baylands	2 acres	+2,930 acres	2,932 acres
Prime Farmland	1,883 acres	4x more	7,503 acres
	19% of county's floodplain		
100-Year Floodplain	1,388 acres	+10,254 acres	11,642 acres



