

Strategies Matrix

The following strategies matrix identifies current Division programs, potential partners and resources needed to accomplish intended results. Relationship to the three national priorities and objectives is also referenced.

KEY

Resources Available/Needed:

GF - General Funds

FF - Federal Funds

IT - Inter-Departmental Transfer

NGO - Non-Governmental Organizational Support

PF - Private Funds

Division Programs:

FS - Forest Stewardship

UCF - Urban and Community Forestry

FH - Forest Health

FF - Forest Fire Protection

SL - State Lands Management

UM - Utilization and Markets

WF - Watershed Forestry/Clean & Clear

CE - Conservation Education

FL - Forest Legacy

LWCF - Land and Water Conservation (Funds)

National Priorities/Objectives:

1 – Conserve and manage working forest landscapes for multiple values and uses

1.1 - Identify and conserve high priority ecosystems and landscapes

1.2 - Actively and sustainably manage forests

2 – Protect forests from threats

2.1 - Restore fire-adapted lands and reduce wildfire impacts

2.2 - Identify, manage and reduce threats to forest health

3 – Enhance public benefits from trees and forests

3.1 - Protect and enhance water quality

3.2 - Improve air quality and conserve energy

3.3 - Assist communities in planning for and reducing forest health risks

3.4 - Maintain and enhance economic benefits and values of trees and forests

3.5 - Protect, conserve and enhance wildlife and fish habitat

3.6 - Connect people to trees and forests, and engage them in environmental stewardship activities

3.7 - Manage trees and forests to mitigate and adapt to global climate change

Partners:

AA	Agency of Agriculture, Food & Markets	SAF	Society of American Foresters
AV	Audubon Vermont	SFI	Sustainable Forestry Initiative
AC	Agency of Commerce	SP	ANR, Department of Forests, Parks & Recreation, Parks Division
AG	Attorney General's Office	NASPF	US Forest Service, State & Private Forestry, Northeastern Area
AIV	Associated Industries of Vermont/Forest Products	TNC	The Nature Conservancy
ANR	Agency of Natural Resources	TX	Department of Taxes, Property Valuation & Review
AOT	Agency of Transportation	US	US Fish and Wildlife Service, US Park Service
APHIS	USDA, Animal and Plant Health Inspection Service	USFS	US Forest Service, Research
ASLA	Vermont Chapter, American Society of Landscape Architects	UVM	University of Vermont & UVM Extension
DEC	ANR, Department of Environmental Conservation	VMC	Vermont Monitoring Cooperative
ED	Department of Education/Local School Districts	VAPDA	Vermont Association of Planning & Development Agencies
EE	Environmental Education Groups	VNRC	Vermont Natural Resources Council
FPA	Vermont Forest Products Association	VNLA	Vermont Nursery and Landscape Association
FW	ANR, Department of Fish & Wildlife	VWMA	Vermont Wood Manufacturer's Association
GMNF	Green Mountain National Forest	VWA	Vermont Woodlands Association/Consulting Foresters Association of Vermont
LD	ANR, Department of Forests, Parks & Recreation, Lands Division	WO	Watershed Organizations
LT	Land Trusts		
MU	Municipal Governments		
NRCD	Natural Resource Conservation Districts		
NRCS	USDA, Natural Resource Conservation Service		
PS	Department of Public Service		
RCD	Resource Conservation and Development Councils		
RG	Recreation Groups		

Partner organizations are described under State Assessment DFC 5: Partnerships.

Desired Future Condition 1: Biological Diversity				
Conserve biological diversity across all landscapes				
Long-Term Strategy	Programs that Contribute	Partners	Resources Needed to Implement	Supports National Objective
Goal 1: Maintain a mix of forest structure and complexities across the landscape.				
1	FS, SL, FH, UCF, WF, UM, FL	NASPF, FW, NRCS, VWA, AV, TNC, LT, VAPDA, GMNF, ANR, US, SAF	GF, FF, IT, PF	1.1, 1.2, 2.2, 3.7
2	FS, UCF, WF, FL	NASPF, ANR, VNRC, AV, TNC, LT, VAPDA, GMNF, UVM, SAF, NRCS	GF, FF, NGO	1.1, 1.2, 3.1
Goal 2: Protect and conserve natural communities, genetic diversity, rare and endangered species, unique habitats, corridors and buffers.				
3	FH, FS, FL	FW, AV, TNC, NRCS, UVM, GMNF, VAPDA, LT	GF, FF, IT, NGO, PF	1.1, 3.5
4	FL, FS, SL, FH	FW, ANR, TNC, AB, LT, UVM, GMNF, VNLA, ASLA, NRCS	GF, FF, IT, NGO, PF	2.2, 3.5, 3.7
5	FL, FS, WF	FW, ANR, AV, NRCS, TNC, LT	GF, FF, IT, NGO	1.2, 3.5

Desired Future Condition 2: Forest Health and Productivity				
Maintain and enhance forest ecosystem health and productivity				
Long-Term Strategy	Programs that Contribute	Partners	Resources Needed to Implement	Supports National Objective
Goal 1: Identify trends in forest ecosystem health and productivity.				
6	FH	NASPF, FW, UVM, TNC, GMNF, SAF, AV, VMC	GF, FF, NGO	2.2, 3.6
7	FH	NASPF, AA, UVM, GMNF, APHIS, VMC	GF, FF, IT, NGO	2.2, 3.5, 3.6
Goal 2: Maintain productive capacity of forests.				
8	FS, SL, UM, FF, UCF, WF, FH	NASPF, FW, ANR, NRCS, VWA,FPA, LT, SAF,MU	GF,FF,IT,NGO,PF, FF	1.2, 2.1, 3.4, 3.7
9	FH, FS, SL, WF	FW,UVM,NRCS,GMNF, VWA, NRCD, RCD	GF, FF	2.2, 3.4
10	FH, FF, FS, UCF, SL	FW, ANR, NRCS, GMNF, VWA, SAF, VNLA	GF,FF,IT,NGO	2.1, 2.2, 3.7
11	FF, FH	NASPF, ANR, PS, GMNF, MU, RCD	GF, FF	2.1, 2.2, 3.3
Goal 3: Retain native flora and fauna across the landscape.				
12	FH, FS, UCF, SL	NASPF, FW, ANR, AA, TNC, GMNF, APHIS, ANLA, ALSA	GF, FF, IT, NGO	1.2, 2.2, 3.5, 3.6, 3.7
13	FH, FS, UCF, SL	NASPF, ANR, AA, TNC,	GF, FF, NGO	1.2, 2.2, 3.5, 3.6, 3.7

		VWA,GMNF, NRCS, MU, APHIS, VNLA, ALSA		
14	FW, FS	NASPF, FW, ANR, SAF, TNC, AV, UVM, VAPDA, VMC	GF, FF, NGO	1.1, 1.2, 2.2, 3.5

Desired Future Condition 3: Forest Products and Ecosystem Services				
Maintain and enhance forest contribution to ecosystem services				
Long-Term Strategy	Programs that Contribute	Partners	Resources Needed to Implement	Supports National Objective
Goal 1: Maintain and enhance the production of forest products.				
15	UM,FH	USFS, UVM, FPA, VWA, AIV, VMC	GF,FF, PF	3.4
16	UM,FS,SL	FPA, AIV, AC, VWA, GMNF, SAF, MU	GF, FF, NGO	3.4, 3.6
17	UM	USFS, UVM, FPA, AC	GF, FF	3.4
18	UM,FH,FS	NASPF, UVM, FPA, VWA, AIV, SAF, VWMA	GF, FF, NGO	3.4
Goal 2: Maintain and enhance water resources.				
19	WF, FS, UCF, UM, SL	SFP, ANR, DEC, NRCS, VWA, FPA, UVM, GMNF, SAF, RCD, FW	GF, FF, IT	2.2, 3.1
20	WF, UCF, FS	ANR, DEC, NRCS, AV APDA, AA, NRCD, RCD,MU, ALSA	GF, FF	3.1, 3.7
21	WF, FS, UCF	FW, ANR, DEC, NRCS, NRCD, ASLA	GF, FF, NGO, PF	2.2, 3.1
Goal 3: Maintain and enhance recreational opportunities.				
22	SL, FS, LWCF	LD, FW, SP, GMNF, VWA, RG, AOT	GF, FF, NGO, PF	1.2, 3.4, 3.5, 3.6
23	SL, FS, UCF	LD, FW, SP, GMNF, VWA, RG, AOT, MU, VAPDA	GF, FF, NGO, PF	1.2, 3.4, 3.5, 3.6

Goal 4: Maintain and enhance forest carbon.				
24	FH	USFS, ANR, UVM, SAF, VMC	GF, FF, PF	3.4, 3.7
25	FH, UM, FS, UCF	ANR, UVM, VWA, TNC, AV	GF, FF, NGO, PF	3.4, 3.7
Goal 5: Maintain and enhance air resources.				
26	FH	USFS, ANR, UVM, DEC, VMC	GF, FF	2.2, 3.2
27	FH, FS, UCF	USFS, ANR, UVM, DEC	GF, FF	2.2, 3.2
28	FH, FS	USFS, ANR, UVM, DEC, VMC	GF, FF	2.2, 3.2

Desired Future Condition 4: Land Ethic				
Maintain and enhance an ethic of respect for the land, sustainable use and exemplary management				
Long-Term Strategy	Programs that Contribute	Partners	Resources Needed to Implement	Supports National Objective
Goal 1: Encourage public understanding of forest systems.				
29	CE, FH, FS, UCF, SL, UM	NASPF, UVM, VWA, GMNF, FW, AV	GF, FF, NGO	3.6
30	CE, FH, FS, UCF, SL, UM	NASPF, UVM,VWA, SAF, NRCS	GF, FF, NGO	3.4, 3.6
Goal 2: Increase public awareness of the critical role trees and forests play in sustaining Vermont communities and residents.				
31	CE, UCF, FS	NASPF,UVM,VAPDA, ED, MU, ASLA	GF, FF, NGO	3.3, 3.4, 3.6
32	CE, SP, UCF, SL, UM, FH, WF, FF	NASPF,GMNF,UVM,VWA,FPA, ANR	GF, FF, NGO, PF	3.3, 3.4, 3.5, 3.6, 3.7
33	SE, SP, UCF, SL, UM, FS, WF, FF, FH	NASPF,UVM,NRCD,NRCS,VWA, FPA,GMNF, ED, SAF,SFI, AV	GF, FF, NGO, PF	3.3, 3.4, 3.5, 3.6, 3.7
34	CE, UCF, SL, UM, FS, WF	NASPF,GMNF,FW,NRCS,VWA, SAF, RCD, AV	GF, FF, NGO	1.2, 3.1, 3.2, 3.4, 3.5, 3.6, 3.7
35	FF, FH, CE	NASPF,GMNF,NRCD,MU	GF, FF	2.1, 3.3
Goal 3: Increase public understanding and the application of exemplary of forest management, conservation and protection.				
36	CE, SP, UCF, SL, FS, WF	NASPF, FW, UVM, VWA, FPA, SAF, AV	GF, FF, NGO, PF	1.2, 1.2, 3.4, 3.6
37	CE, FH, FS, UCF, UM, WF, SL	NASPF, VWA, UVM, AV, FW, SAF, ED	GF, FF, NGO	1.2, 3.4, 3.5, 3.6
38	FH, CE, FS, FF, SL, UM	NASPF, AA, UVM, VWA, TNC, ED, AV, VNLA, EE	GF, FF, NGO, PF	1.2, 2.1, 2.2, 3.3, 3.6, 3.7
39	CE, FS, UM, UCF, SL, WF, FF	NASPF, VWA, FPA, SP, SAF, ED, SFI, AV, VNLA	GF, FF, NGO, PF	1.2, 2.2, 3.4, 3.6
40	FS, FH, SL, UCF, UM, WF	NASPF, VWA, UVM, GMNF,	GF, FF, NGO, PF	1.2, 2.2, 3.4

		FPA, NRCS, SAF, SFI, AV, VNLA, ALSA		
41	CE, SP, SL, FS	GMNF, VWA, RO	GF, NGO, PF	3.4, 3.6
Goal 4: Maintain and enhance forest contribution to communities.				
42	FS,UCF,WF,UM	VNRC,VWA,FPA,NRCD, VAPDA, RCD, FW, SAF, AA, MU, ALSA	GF,FF,NGO	1.1, 1.2, 2.2
43	UCF, CE, FS	UVM, VWA, NASPF, VAPDA, DEC, MU, ALSA	GF,FF,PO	1.2, 2.2, 3.4, 3.5
44	FS, UCF, UM, CE	NASPF, VAPDA, VNRC, LT, RCD, MU	GF,FF,NGO	1.2, 3.6
Goal 5: Demonstrate exemplary forest management through state lands management and encourage sustainable use across all landscapes.				
45	SL, FH	FW, LD, GMNF, VWA, LT, SAF, NRCS, AV	GF, FF, IT, NGO	1.2, 3.4, 3.5, 3.7
46	SL, CE	FW, LD, SP, ANR, ED	GF, IT, PF, NGO	3.6
47	SL, FH, FS, UCF	NASPF, LD, FW, ANR	GF, IT, PF	1.2, 3.6

Desired Future Condition 5: Legal, Institutional and Economic Framework				
Vermont has a legal, institutional and economic framework in place for forest conservation and sustainability				
Long-Term Strategy	Programs that Contribute	Partners	Resources Needed to Implement	Supports National Objective
Goal 1: Maintain an organizational structure within the Division to support management, protection, conservation and enhancement of Vermont's forests.				
48	ALL	LD, SP	GF	ALL
49	"	ANR	"	"
50	"	LD, SP	"	"
51	"	ANR	"	"
52	"	ANR	"	"
53	"	ANR	"	"
Goal 2: Expand financial opportunities to support forest stewardship.				
54	ALL	NASPF, VWA	GF, FF	ALL
55	"	ANR	GF	"
56	"	VWA, AD, TNC, NRCD, VMC, NRCS	GF	"
57	"	ANR	GF	"
58	"	NASPF, GMNF	GF,S PF	"
Goal 3: Strengthen, implement and enforce Vermont's forestry policies, rules and laws.				
59	FS, FH, FF, UM, WF	ANR, AA, SFI	GF	ALL
60	FS, FH, FF, UM, WF	ANR, AG, SFI	GF	"
61	ALL	ANR	GF	"
Goal 4: Encourage and support policies, programs and initiatives that assist private forest landowners in maintaining the working landscape.				
62	FS, CE, UM, WF	ANR, AA, FW, VWA, FPR, LT, TX, MU	GF, NGO	1.2,3.4, 3.5, 3.6

63	FS, UM, WF, SL, FH	ANR, VWA, FPA, SAF	GF, NGO, PF	1.2, 2.2, 3.5
64	FS, UM, CE	ANR, UVM, VWA, FPA, AIV, LT, SAF	GF, NGO, PO	1.2, 3.4, 3.6, 3.7
65	FS	FW, NRCS, VWA, AIV, FPA, SAF, AV	GR, FF, PF	1.1, 1.2, 3.4, 3.5, 3.6

Table 2: Strategies Matrix.