





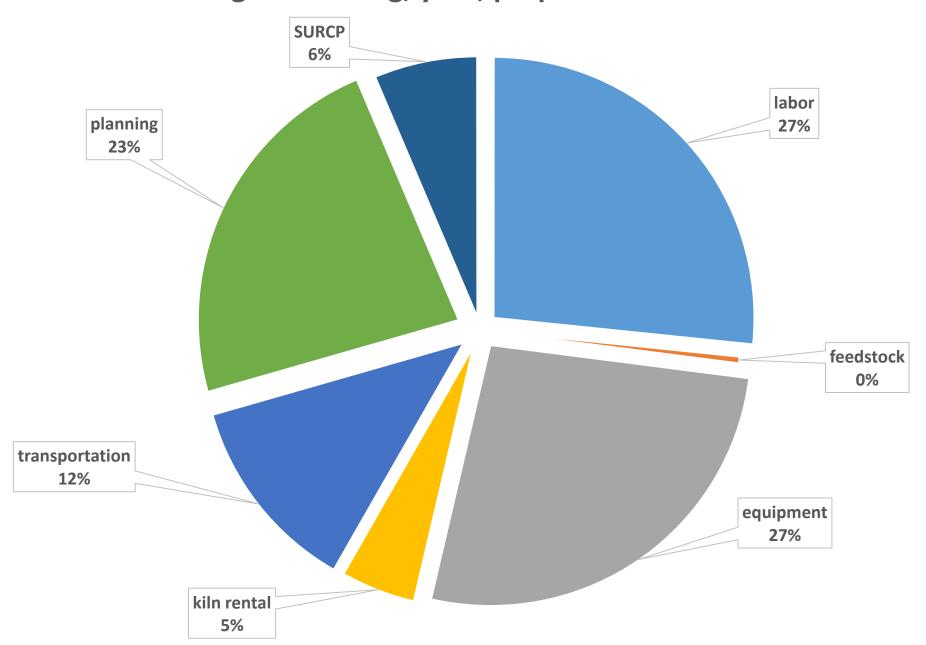


	Project Name.:								
		towardship /	Agreement Fir	nancial Plan		_			
	3	tewarusinp A	agreement Fil	ianciai Pian					
Financial Plan Matrix:	Note: All columns	may not be use	d lise denends (n source and type	e of contribution(s)				
Tilialiciai Fiali Watiix.	Note: All columns may not be used. Use depends on source and type of contribution(s). FS CONTRIBUTIONS PARTNER CONTRIBUTIONS (1)								
	(a)	(b)	(c)	(d)	(e)				
		Cash	Names h (O)	la Kiad	Other Federal				
COST ELEMENTS	Noncash	to	Noncash (2)	In-Kind	Other Federal	(f)			
(Direct Costs)	#4.750.00	Partner	04.760.00	05.500.00	#0.00	TOTAL			
Salaries/Labor	\$4,750.00	\$3,400.09	\$4,760.00	\$5,760.00	\$0.00	\$18,670.09			
ravel	\$0.00	\$0.00	\$600.00	\$960.00	\$0.00	\$1,560.00 \$10,000.00			
quipment	100	6 FS	\$4, ²	2% Par	ther 📶	\$10,000.00 \$520.00			
Supplies/Materials Printing	40/		ر	Z /0 F a i		\$0.00			
Other	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Contracted Stewardship Work	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Subtotal	\$5,270.00	\$9,000.09	\$9,760.00	\$6,720.00	\$0.00	\$30,750.09			
artner Indirect Costs	40,21000	\$999.91	\$0.00	40,1200		\$999.91			
S Overhead Assessment	\$0.00					\$0.00			
otal	\$5,270.00	\$10,000.00	\$9,760.00	\$6,720.00	\$0.00	\$31,750.00			
Matching Costs Determination				Value of Goods for		\$12.80			
otal Forest Service Share =	(g)		Project Grand To	otal	\$31,762.80	(3)			
a+b)/(f) = (g)		0.480944841							
Other Federal Contribution =	. ,	(h) Value of Goods - \$13							
e)/(f) = (h)		0.00%			•				
otal Federal Share =	Volunteer labor/travel - \$5760								
g+h) = (i)		48.09%			<u>-</u>	-			
otal Partner Share		(i) Partner's costs - \$9760							
c+d)/(f) = (j)	51.91%	91%							
otal	(k)	Cash to Partners - \$10,000							
i+j) = (k)		100.00%			γ	_			
			ee Proje	ct Gran	nd Total	- \$31	.,762		
) Partner contributions should be docu	mented in the initial fi	nancial plan and				-	-		

are incurred towards project completion (which can be the same or less than the initial rate- never more).

Partner invoices should always be based on actual costs.

Biochar Production Cost Estimate - \$194/CY Including costs to log, yard, prepare and charcoal feedstock



Drew Veg Biochar Volume Calculator

plot#	6"(>5.	.5"dbh)	5"(4.5to5.5"dbh)	4"	3"	2"	<2"			
1							2			15.39= standev of 2-6"numbers
2		1	1	7	10	7	6			
3		1	1	9	8	8	23			
4			4		-	17	01		\Box	
5		941	2-6 " di	iame	ter tr	ees n	er ac	re		
6		<u> </u>								
7					4	8	38			
8		3	1	4	1		16			
9		4	2	1	3	4	21			
10		1	3	1	6	8	29			
11		2	1			1	3			
12		5	2		1		3			
avg_1-12		2.43	1.50	4.00	4.44	6.44	20.42			
tpa		121	75	200	222	322	1021		941	sum 2"-6"trees
		400				•		. [619	sum 3"-6"trees
r1		485	3 cubic	varc	is of	teed	Stoc	Κ		lower radius r1
r2										upper radius r2=(0.7)r1
h		25	22	20	18	15				height h (length of 1st log)
CF vol/tree		3.62	2.25	1.32	0.68	0.26				use volume formula for truncated cone
										CY trees=(sum CF vol/ac for 2-6"
										trees)(10ac)/(.85)(85% of CF tree vol in first
CF vol/ac		439.04	168.47	264.94	151.48	83.98			482.7	log)/27(27CFperCY)
									<u>7</u> 2.4	CY charcoal=(.15)CY trees

73 cubic yards of charcoal











