

An aerial photograph of a vast mountain range. In the foreground, a valley is filled with a patchwork of green and brown agricultural fields. The middle ground shows rolling hills and ridges. In the background, a large mountain peak is covered in snow, with a few wispy clouds around its summit. The sky is a pale blue with some light clouds. The overall scene is a mix of natural and agricultural landscapes.

Selecting Priority Areas

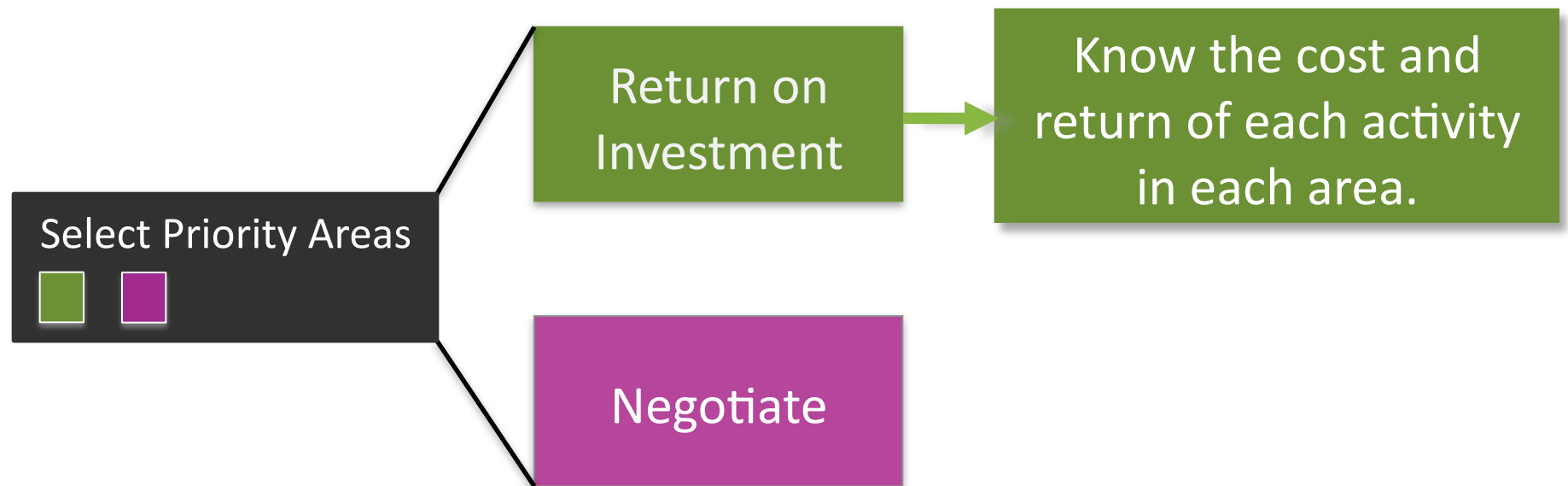
Selecting Priority Areas

Can't work everywhere at once, where to work *first*?

Usually follows a diagnostic screen



Options for Selecting Priority Areas



Partial ROI for Selecting Priority Areas

Cuenca	% del Area total	% del presupuesto asignado				
		Protection	Silvopastoril	Reforestación	Enriquecimiento	Aislamiento
Amaime	14%	15%	15%	15%	25%	30%
Bolo	10%	10%	27%	18%	18%	27%
Desbaratado	5%	5%	23%	23%	18%	31%
Frayle	12%	10%	22%	14%	27%	27%
Guabas	5%	10%	10%	10%	25%	45%
Nima	6%	15%	20%	15%	20%	30%
Palo	24%	15%	24%	24%	14%	23%
Sabaletas	5%	10%	20%	10%	30%	30%
Tulua	20%	15%	33%	14.5%	14.5%	23%

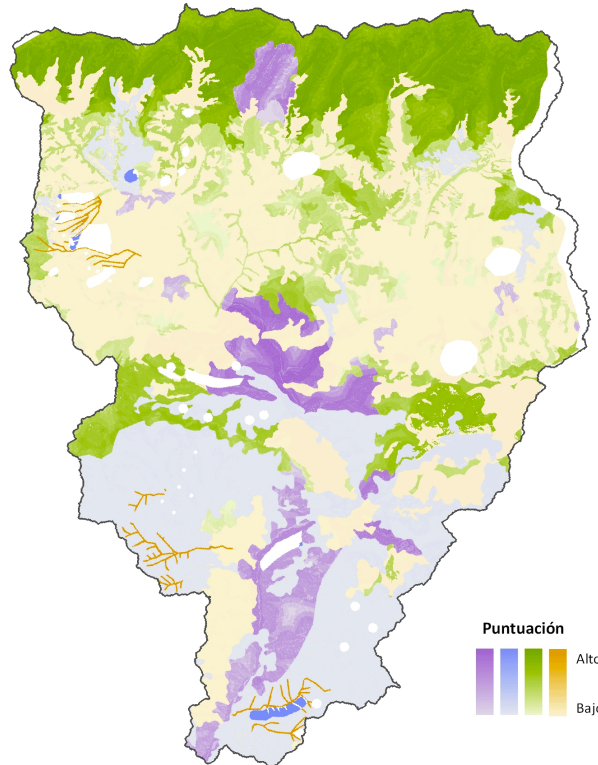
Partial ROI for Selecting Priority Areas

\$6 million total budget

Cuenca	Costo total/Actividad/Cuenca (COL \$)				
	Protection	Silvopastoril	Reforestación	Enriquecimiento	Aislamiento
Amaime	121,613,644	121,613,644	121,613,644	202,689,406	243,227,288
Bolo	58,994,562	159,285,317	106,190,211	106,190,211	159,285,317
Desbaratado	14,674,274	67,501,659	67,501,659	52,827,385	90,980,497
Frayle	71,770,386	157,894,849	100,478,540	193,780,042	193,780,042
Guabas	30,346,206	30,346,206	30,346,206	75,865,514	136,557,926
Nima	54,566,880	72,755,841	54,566,880	72,755,841	109,133,761
Palo	214,107,561	342,572,098	342,572,098	199,833,724	328,298,260
Sabaletas	27,737,649	55,475,299	27,737,649	83,212,948	83,212,948
Tulua	182,415,889	401,314,956	176,335,360	176,335,360	279,704,364

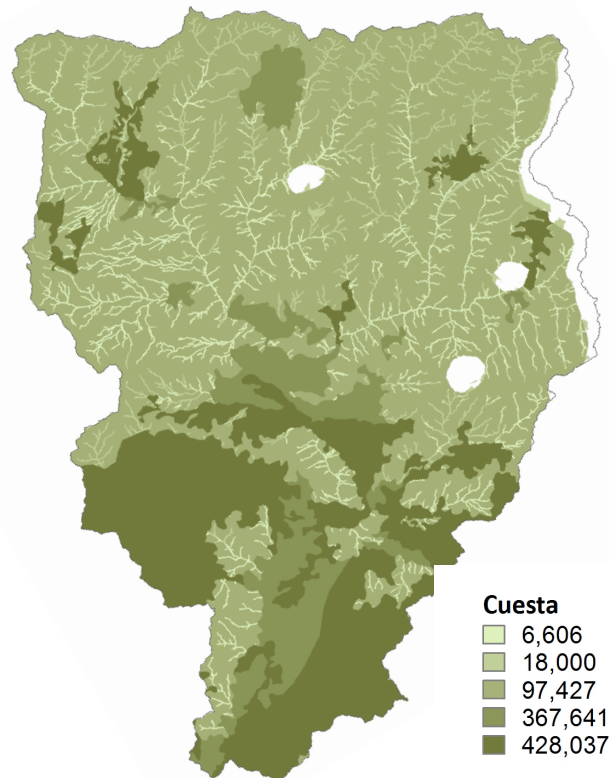
Partial ROI for Selecting Priority Areas

Diagnostic Screen



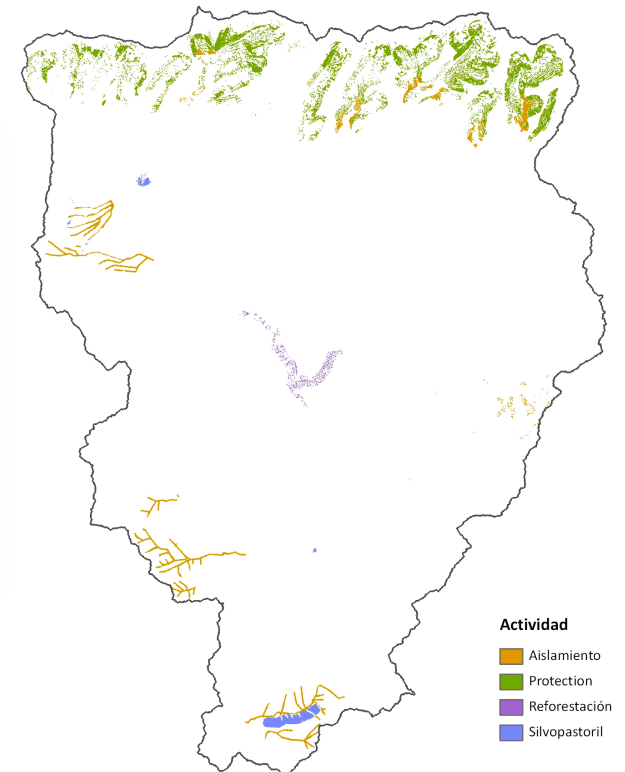
1. Pick parcels in order of highest rank

Cost Data



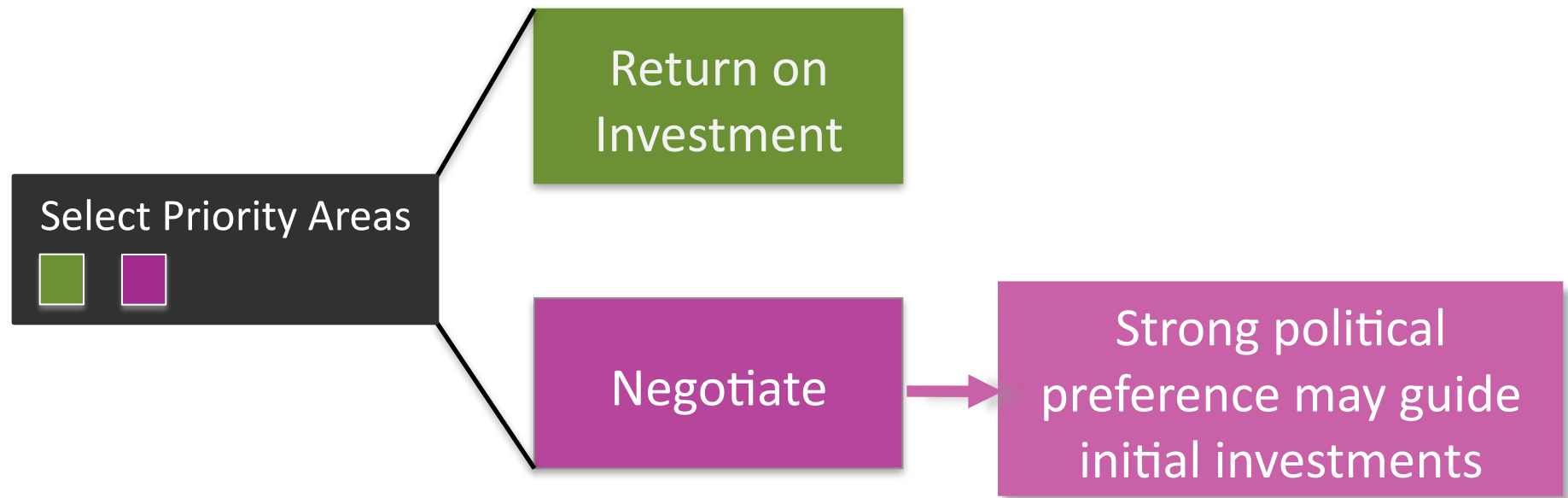
2. Track cost as additional parcels added until budget spent

Investment Portfolio



Output: Investment portfolio of highest return areas per activity

Options for Selecting Priority Areas



Discussion

Are there any options missing?

-Using MARXAN

Should certain options be recommended over others?

-same at regional and fund scales?

How can priority area selection inform monitoring design?

