

FAIRCHILD TROPICAL BOTANIC GARDEN

ETHNOBOTANY STAKEHOLDER ANALYSIS TEACHER KEY

Stakeholder (name)	Interest in idea (how does the idea concern them? How could it help or hurt them?)		Interaction with other stakeholders (do they meet with or work with/against others?)	Knowledge Level –high, medium, low (are they aware of the idea?)	Position (for or against idea)	Level of Influence– high, medium, low (what power do they have to determine if and how the idea becomes reality?)
	Pros	Cons				
Indigenous Indians living in the area where plant X is found	The group could receive compensation for the harvest of the plant	-The harvest of the plant could result in further destruction of the rainforest -it's not certain that they would receive compensation for their knowledge about the plant	An ethnobotanist and a representative from the pharmaceutical company has met with the local medicine man	low	Divided – the local chief supports the idea of getting more money for the tribe, but the medicine man does not trust the outsiders.	low
Pharmaceutical company	--The company could make a lot of money from the sales of a drug that could cure cancer --the company could gain recognition for such a “find”	--bad publicity could result if the company does not honor intellectual property rights treaties.	--Met with local chief and medicine man along with ethnobotanist. --interviewed cancer patients --discussions with scientists who conducted preliminary trials on mice --discussions with Brazilian government	high	For	high

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	Pros	Cons				
Brazilian government	Recognition -profit from the export of plant -greater political leverage	-destruction of natural resources	Preliminary discussions with pharmaceutical companies	Medium	For	high
American government	-finding a cure for cancer -greater access to natural resources in other countries	-possible backlash from activists	Discussions with pharmaceutical companies and Brazilian government	High	For	high
scientists	-recognition -success in career -personal satisfaction in delivering a cure for illness -economic profit	-concern for long-term impacts of the drug	Work with pharmaceutical companies; interviews of cancer patients;	High	for	medium
Ethnobotanists	-recognition -success in career -personal satisfaction in delivering a cure for illness - knowledge in plant medicine -economic profit	-concern for impact on indigenous people and environment	Discussions with chief and medicine man; discussions with pharmaceutical companies	High	Undecided	low

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	Pros	Cons				
Cancer patients	Cure for disease	Side effects of drug	Participated in interviews conducted by pharmaceutical companies	Low	For	Low
Activists and environmentalists	--Possible profit for indigenous peoples if treaties respected --Holding big business responsible --preservation of natural areas if resources found in those areas	--possible overharvest of plant, resulting in destruction of rainforest --possible exploitation of indigenous peoples	--gathered information from published science reports and intellectual property rights treaties	Medium	Against	low