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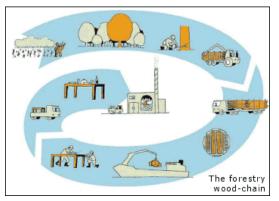
Forest Economics and Management





Research focus





Forest Operations Accounting



Enterprise Development



NTFP and Environmental Services



- Development of a Forest Enterprise Simulator
 - Web-based ForEntSim





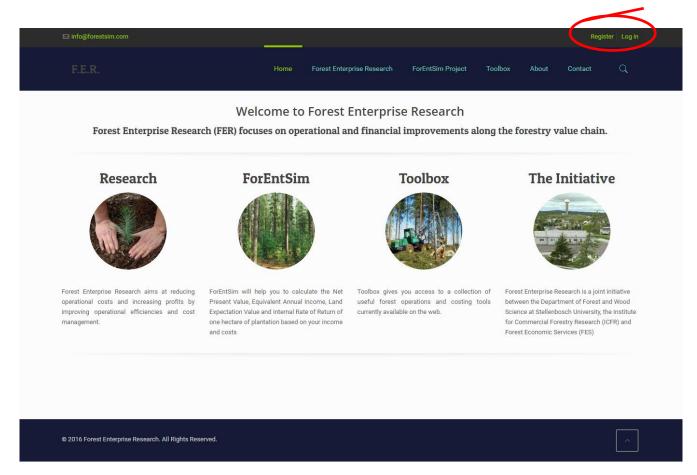




(3)



ForEntSim



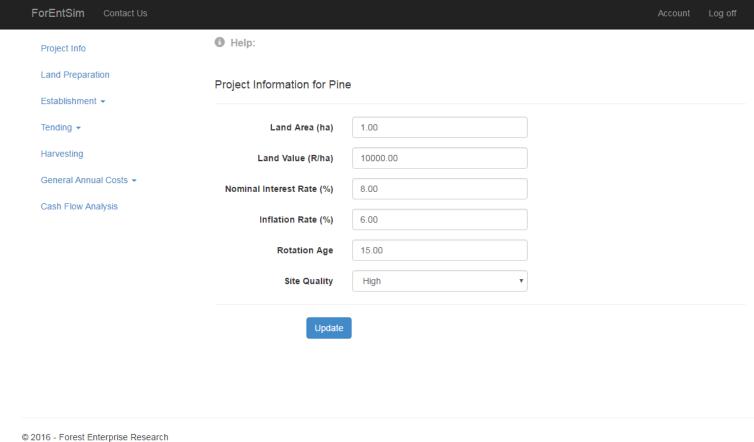




1 Help: Project Info Land Preparation Welcome to ForEntSim Establishment -ForEntSim will help you to calculate the Net Present Value, Equivalent Annual Income, Land Expectation Value and Internal Rate of Return of one hectare of plantation based Tending ▼ on your income and costs. Harvesting Please populate the simulator by completing the costs and income items on the left. All General Annual Costs costs should be expressed in R/ha unless otherwise stated. Cash Flow Analysis

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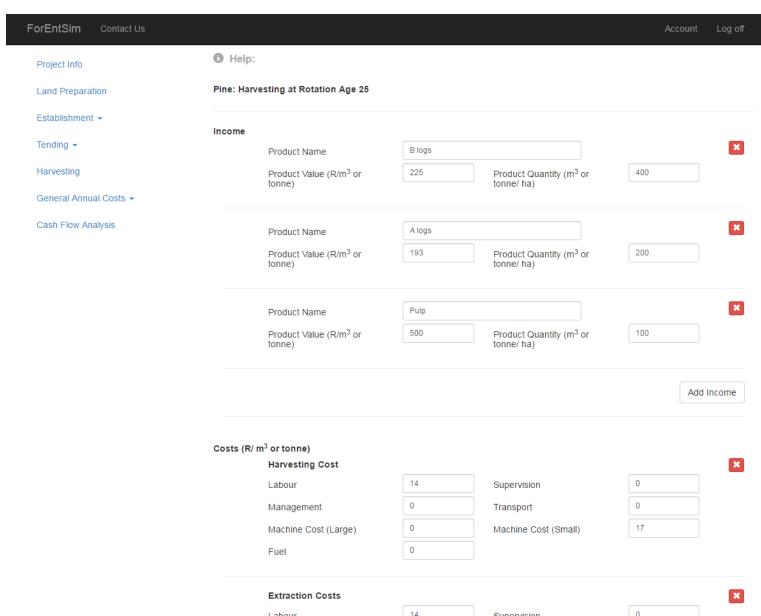




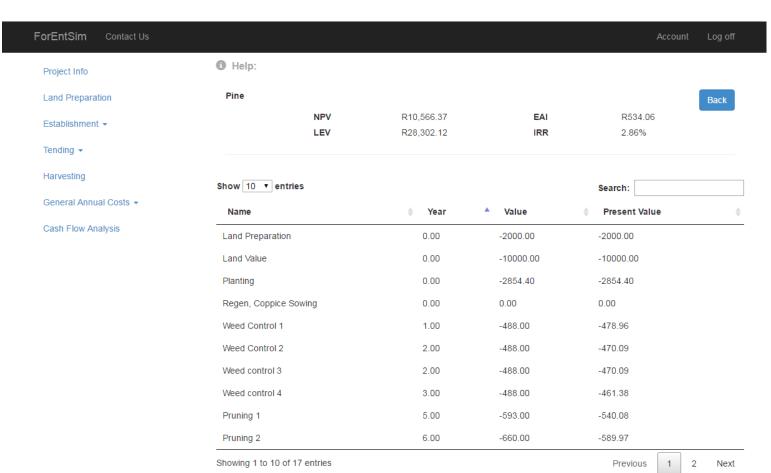


orEntSim Contact Us					Account Log
Project Info	1 Help: Inser	rt all costs related to establishme	ent. Choose betweer	regeneration and planting	
and Preparation	Planting				
Establishment ▼	Pine	Plants and Stocking			
Planting		Cutting		Seedling	
Regeneration		Stocking / ha	0	Stocking / ha	1100
Fertliser Blanking		Cost per Plant (R)	0	Cost per Plant (R)	1
		Planting Costs (R/ha)			
Cash Flow Analysis		Manual Planting	300	Pesticide Material	100
		Mechanical Planting	0	Pesticide Application	100
		Watering	0	Post Plant Water	0
		Hydrogel Material	150	Other	0
		Hydrogel Application	0		
	Wattle				
	viacie	Plants and Stocking			
		Cutting		Seedling	
		Stocking / ha	0	Stocking / ha	1100
		Cost per Plant (R)	0	Cost per Plant (R)	1
		Planting Costs (R/ha)			
		Manual Planting	300	Pesticide Material	100
		Mechanical Planting	0	Pesticide Application	100
		Watering	0	Post Plant Water	0
		Hydrogel Material	150	Other	0
		Hydrogel Application	0		









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Department of Forest and Wood Science



(4)



- Financial value chain analysis
 - Case study research on financial and cost management of timber farmers
 - Systems used, record keeping, benchmarking, cost drivers, etc.











(5)



- Financial value chain analysis
 - MScFor Investigating and quantifying the value of forest research results
 - Dannyboy Seboa









(6)



- Financial value chain analysis
 - MScFor Forestry Value Chain Improvement
 - Daniel Graham











Enterprise Development



- Enterprise improvement
 - MScFor Evaluating the sustainability, development impact and natural capital impact of invasive alien plant based value-adding enterprises

Nicci Mander





Enterprise Development (2)



- Enterprise improvement
 - MScFor Role of government support in stimulating Value Added Industries



Ngceba Ngcobo





Enterprise Development (3)



- Enterprise improvement
 - MScFor Methods of assessment of bucking options in alien invasive forests
 - Brendan Marais







Enterprise Development





- Bio-energy enterprises
 - MScFor Evaluation of the potential of non-woody invasive plants for bioenergy
 - Mandlakazi Melane







Enterprise Development (5)



- Bio-energy enterprises
 - Development of a value chain evaluation tool for NRM biomass to bio-energy operations
 - Myles Mander and James Blignaut (FutureWorks)









Enterprise Development (6)



- Bio-energy enterprises
 - MScFor Analysis of various Bioenergy Value Chain options at Shiselweni Forestry Company (SFC) in Swaziland



Robert Tumber



S

NTFP & environmental services

MScFor - Structure, conduct and performance of honey markets in Zambia's dryland forests





 MScFor - The Relationship between Agroforestry and Ecosystem Services: Role of Agroforestry in Rural Communities



Takalani Tahulela







NTFP & environmental services











Other projects

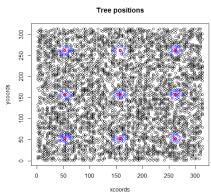


- Governance models for transfrontier conservation areas
 - Chrispin Kambani (PhD study)
- Valuation research and courses
 - IAS 41 methodology Carl Baptista (MScFor completed)
 - Forest Valuation and finance: What every forester should know
 - Commercial valuations Siyakhula Property Valuers

Effect of timber enumeration errors on timber value

and decision making

Gerard Lindner (MicroForest) & David Drew







Please give me feedback on ForEntSim

www.forestsim.com