

Valuation and Financial Modelling for Hybrid Renewable Investments in Brazil

Foreign investors into renewable energy assets in Brazil face early on the challenge: how to conduct an international standard valuation accounting for Brazilian taxes and levies?

INTERNATIONAL STANDARD VALUATION

3S Model:


- Cash Flow Statement
- Revenue Statement
- Balance Sheet

BRAZILIAN VALUATION

Demonstração de Resultados do Exercício (DRE):

- Choice of taxation regime
- Non aggregated VAT proxy
- Combination of top line and bottom line taxation



		Financial Model for Hybrid Renewable Investments			
Project Name: REA FinMod DRE		Model Version: V1			
Input Data and Assumptions		Error Checks			
Navigate to:		Project Key Data Revenue Drivers CAPEX Drivers OPEX Drivers Accounts Taxation Funding			
Project Key Data		Remarks/Instructions			
Choose Currency	R\$				
Generation Capacity	140,000.0	kWp			
Irradiation		kWh/m ² /y			
PR		%	Optional data		
P50 Specific Yield	1.000	kWh/kWp/y	Optional data		
P75 Specific Yield		kWh/kWp/y	Optional data		
P90 specific Yield		kWh/kWp/y	Optional data		
Degradation	0.30%	%/year	Optional data	First degradation year is COD+1	
Irradiation Profile					
January		2%	%		
February		2%	%		
Inst Dashboard Inputs Accounts Scenarios Monthly Quarterly Annually Depreciation Schedule Lists Ⓞ					



Account for Brazilian tax regimes

Brazilian Taxation		
Tax regime	Lucro Presumido	Choose Option
PIS	Lucro Real	
COFINS	Lucro Presumido	
IRPJ		15,00% %
IRPJ - margem presumida		8,00% %
CSLL		12,00% %
CSLL - margem presumida		8,00% %

Switch and compare straight coporate tax



Taxation		
Tax regime	DRE Tax (BR)	Choose Option
Corporate Tax	DRE Tax (BR)	Get Tax Schedule
	Corporate Tax	
Depreciation for CAPEX		20 Years
Brazilian Taxation		
Tax regime	Lucro Presumido	Choose Option
PIS		0,65% %

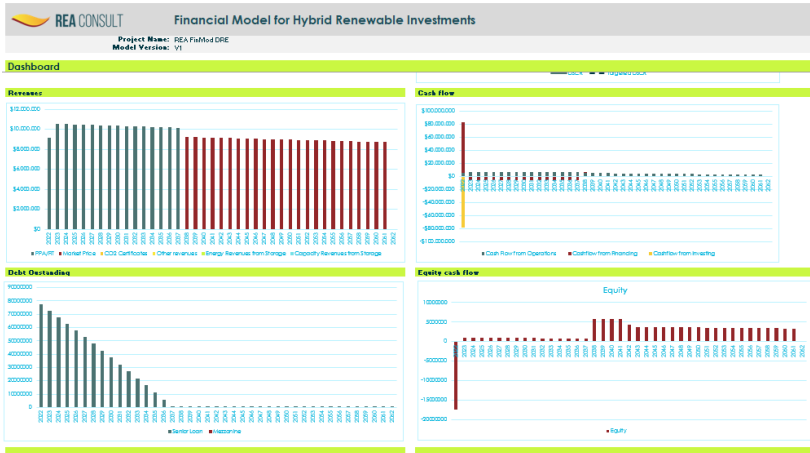


Integrated DRE and 3 Statements

Demonstrativo de Resultados de Exercício (DRE)		
Receita Bruta	R\$	9.168.7
PIS	R\$	(59.5
COFINS	R\$	(275.0
Lucro Líquido do Período	R\$	2.558.9
=		
Cash Flow Statement		
Revenues PPA / FIT	R\$	9.168.7
=		
Revenue Statement		
EBITDA	R\$	7.342.6
Net Profit	R\$	2.893.6
=		
Balance Sheet		
Non-Current assets	R\$	96.907.0
Current assets	R\$	5.900.5



Financials dashboard



Evaluation periods



Track project results monthly, quarterly and annually



Revenues from energy storage

Model energy storage revenues with different operation modes

Plan seasonal and regular storage replenishment

Coded sculpting



Debt sculpting based upon VBA coding

Switch to manual debt optimization for customized scenarios



Third party audited



ABOUT REA CONSULT

At REA Consult we are Management and Consulting professionals committed to building bridges for international sustainable investments. Drawing on decades of expertise, we have been working alongside investors and entrepreneurs to ensure safer investments through diligent structuring and execution.

Based in Europe and South America, our track record extends over all continents. We advise and manage structuring and deployment of multi-million funds into renewable energy, sustainable industries and infrastructure. Working with high levels of governance and diligence, our aim is to provide customized professional advisory and support to every client

Get in touch for a quotation!

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