Aqua farm techno-economic analysis

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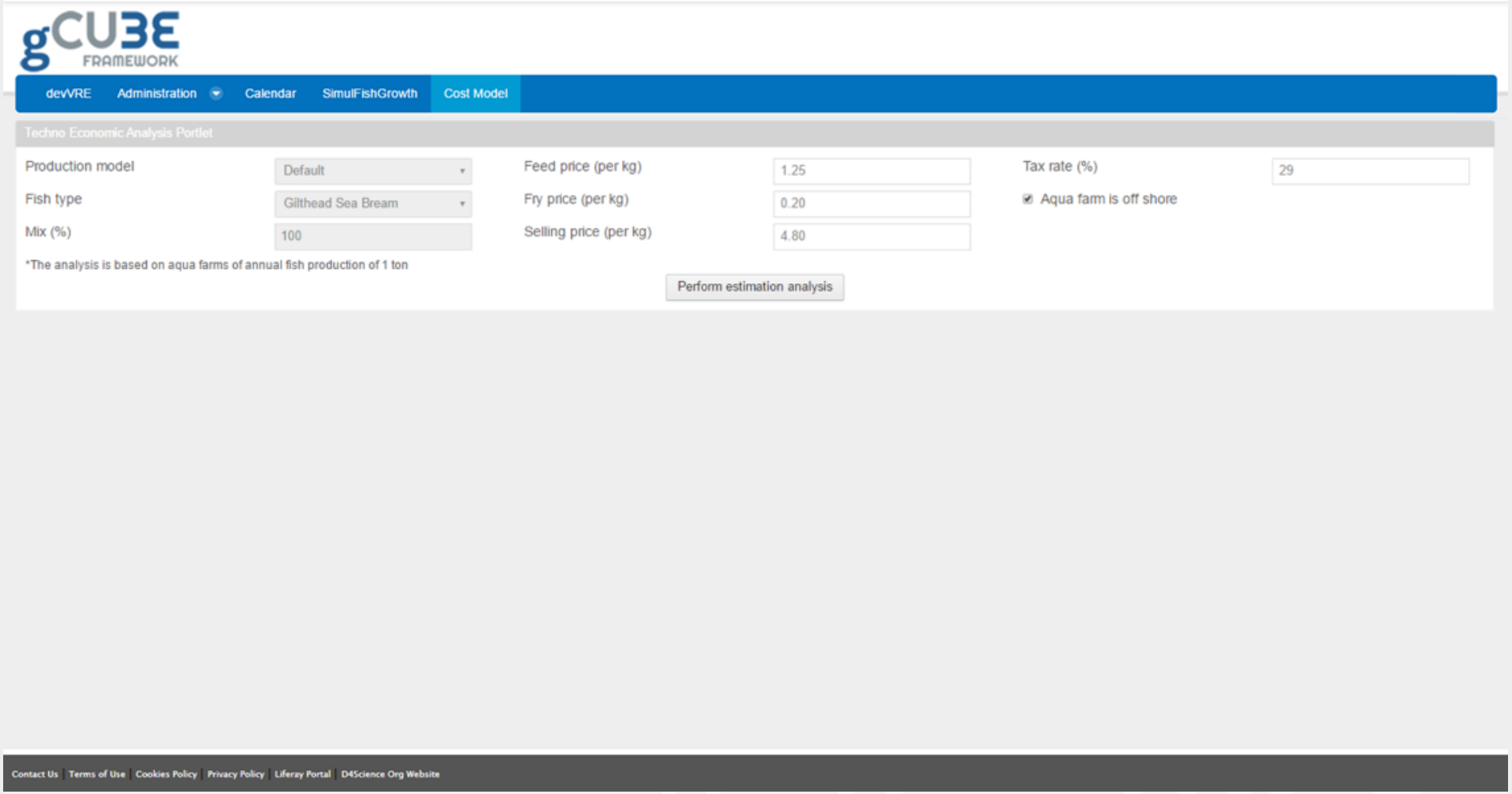
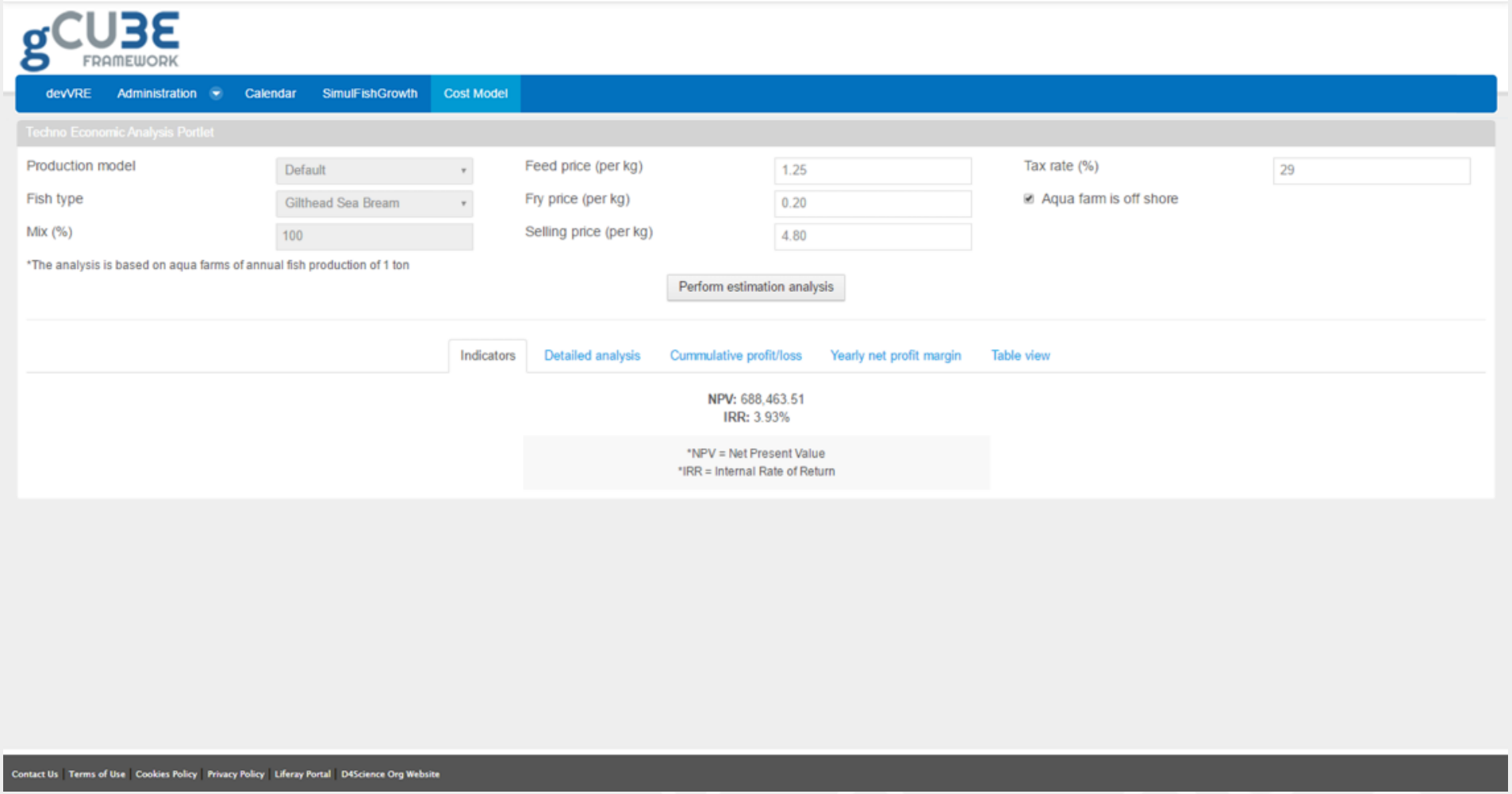
Scenario definition (Input)



Scenario definition (Input)

- Production model
- Fish type
- Mix
- Feed price
- Fry price
- Selling price
- Tax rate
- Is off shore aqua farm

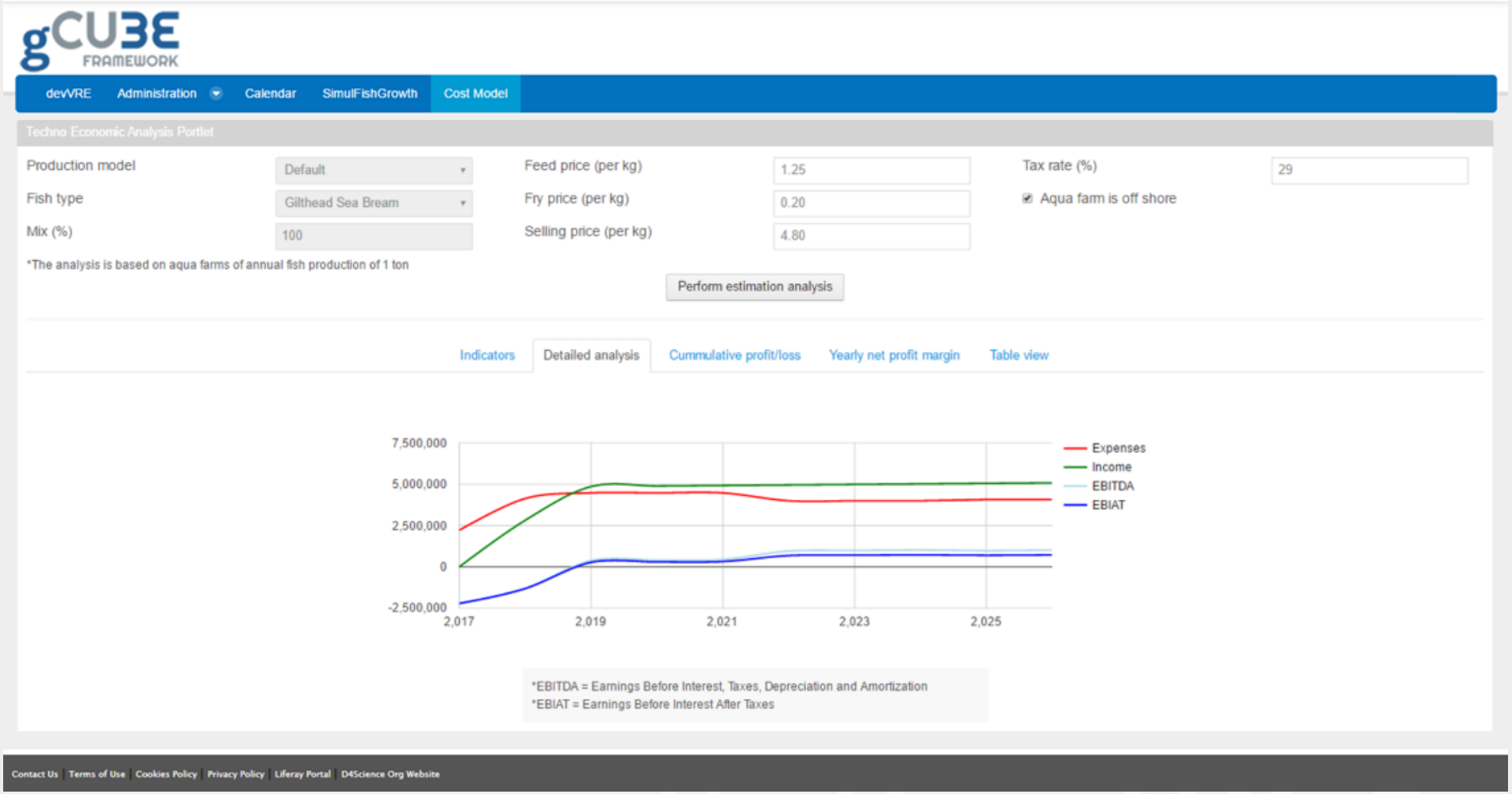
Indicators (Results)



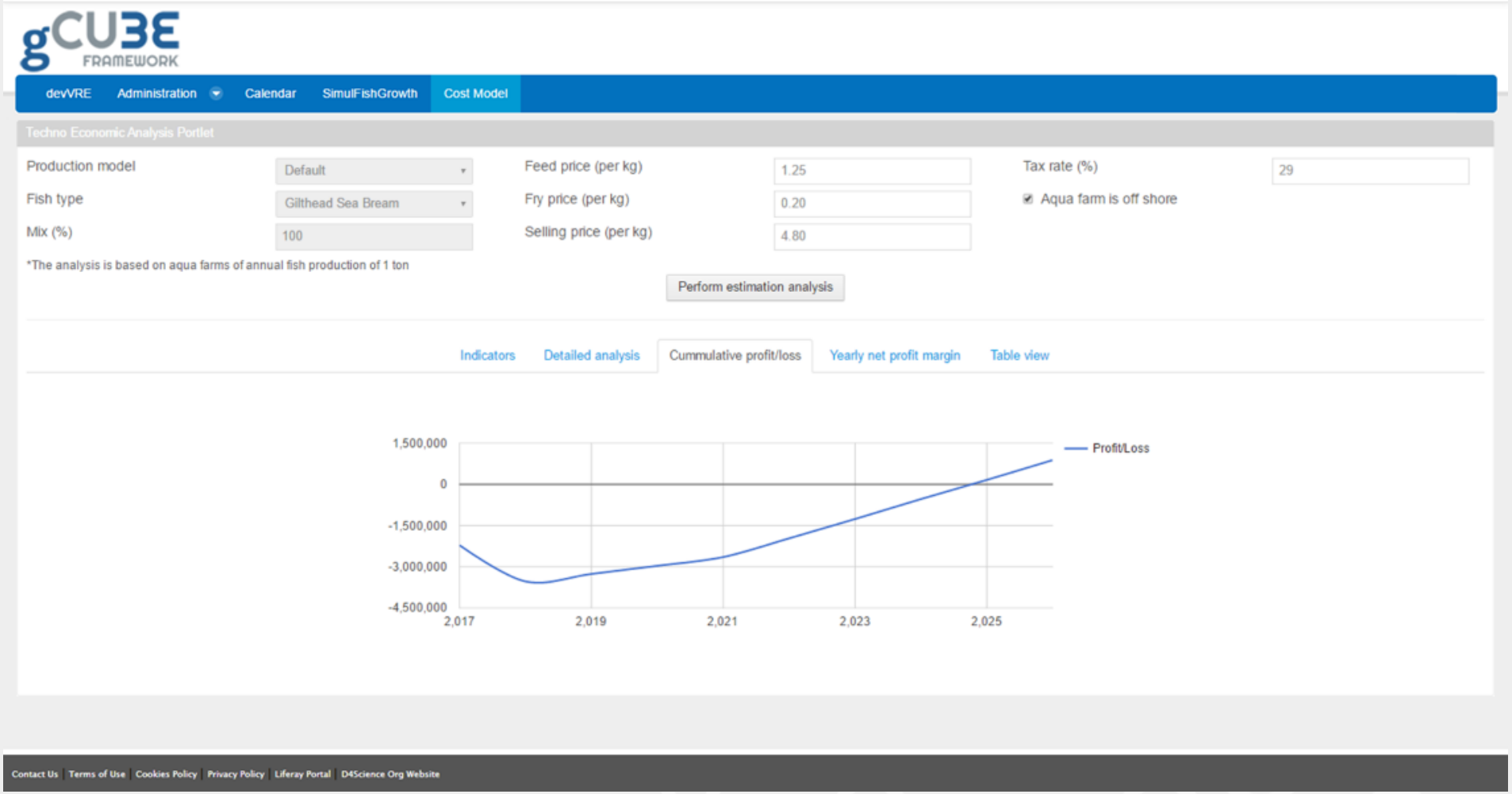
Indicators (Results)

- Net Present Value
- Internal Rate of Return

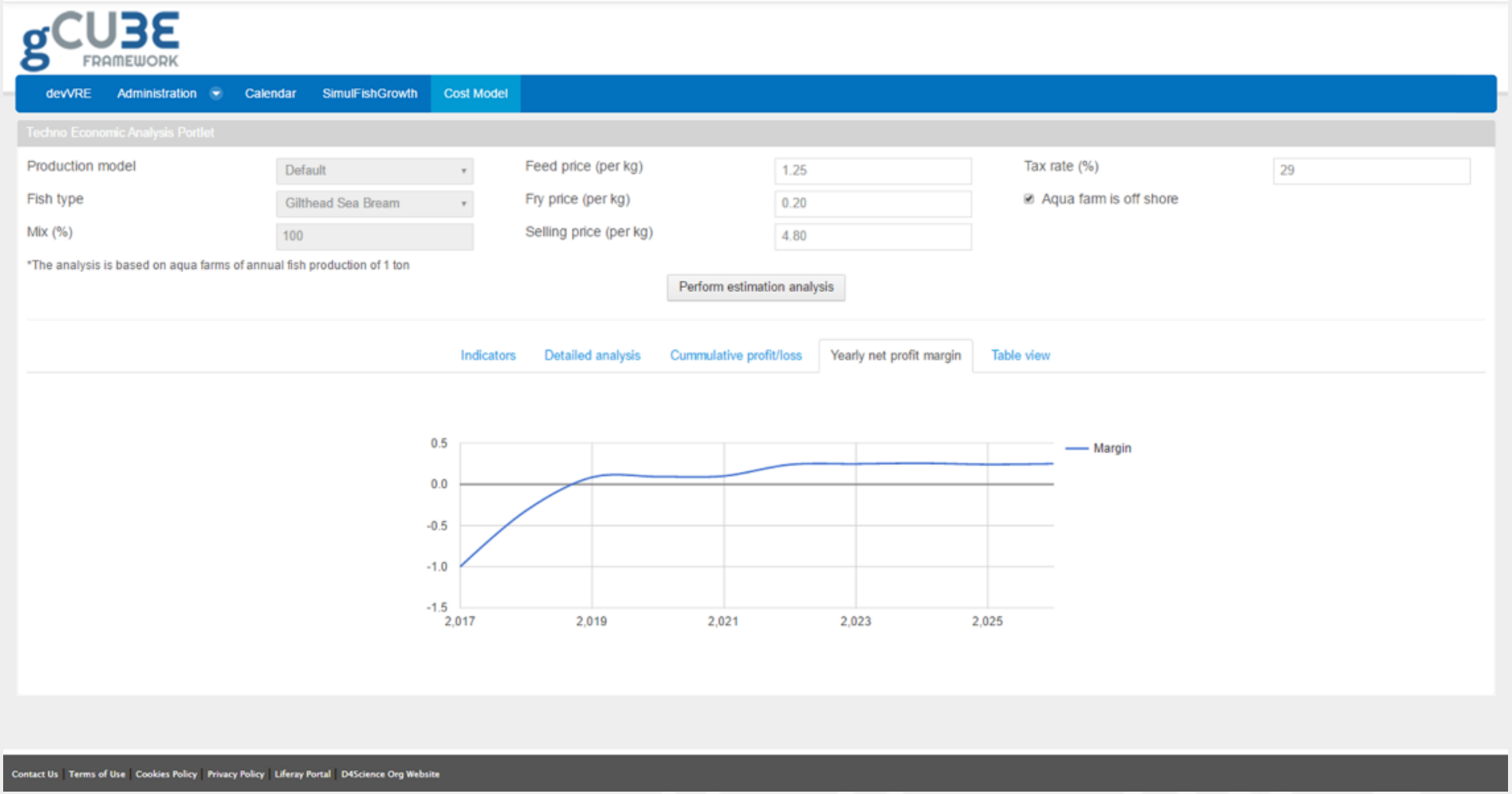
Detailed Analysis (Results)



Cummulative P/L (Results)



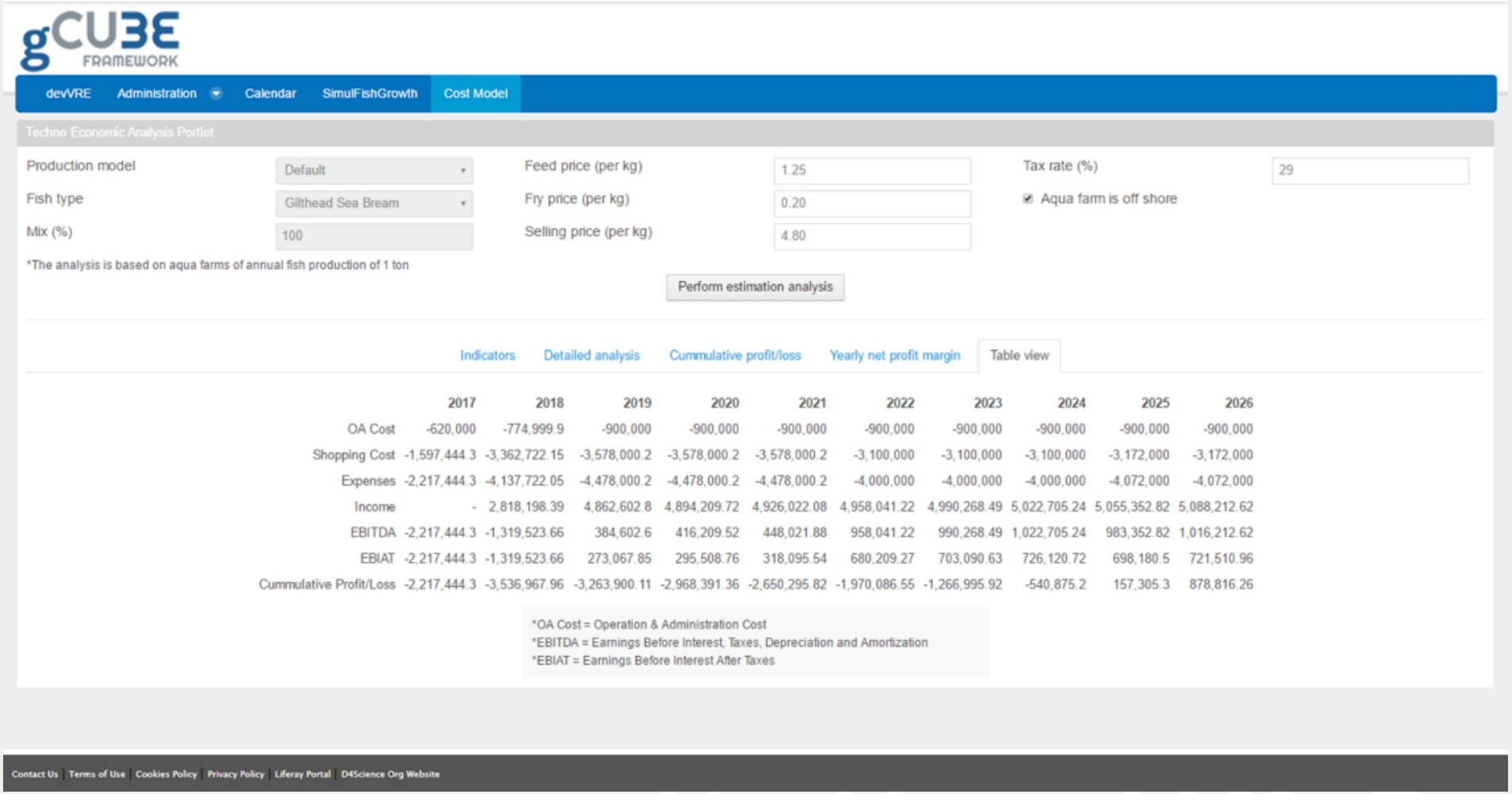
Yearly Net Profit Margin (Results)



Plots (Results)

- Detailed Analysis
  - Expenses
  - Income
  - Earnings Before Interest Tax Depreciation Amortization
  - Earnings Before Interest After Tax
- Cummulative P/L
- Yearly Net Profit Margin

Table View (Results)



	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
OA Cost	-620,000	-774,999.9	-900,000	-900,000	-900,000	-900,000	-900,000	-900,000	-900,000	-900,000
Shopping Cost	-1,597,444.3	-3,362,722.15	-3,578,000.2	-3,578,000.2	-3,578,000.2	-3,100,000	-3,100,000	-3,100,000	-3,172,000	-3,172,000
Expenses	-2,217,444.3	-4,137,722.05	-4,478,000.2	-4,478,000.2	-4,478,000.2	-4,000,000	-4,000,000	-4,000,000	-4,072,000	-4,072,000
Income	-	2,818,198.39	4,862,602.8	4,894,209.72	4,926,022.08	4,958,041.22	4,990,268.49	5,022,705.24	5,055,352.82	5,088,212.62
EBITDA	-2,217,444.3	-1,319,523.66	384,602.6	416,209.52	448,021.88	958,041.22	990,268.49	1,022,705.24	983,352.82	1,016,212.62
EBIAT	-2,217,444.3	-1,319,523.66	273,067.85	295,508.76	318,095.54	680,209.27	703,090.63	726,120.72	698,180.5	721,510.96
Cummulative Profit/Loss	-2,217,444.3	-3,536,967.96	-3,263,900.11	-2,968,391.36	-2,650,295.82	-1,970,086.55	-1,266,995.92	-540,875.2	157,305.3	878,816.26

Table View (Results)

- Operation & Administration Cost
- Shopping Cost
- Expenses (Sum of the above)
- Income
- Earnings Before Interest Taxes Depreciation Amortization (EBITDA)
- Earnings Before Interest After Tax (EBIAT)
- Cummulative Profit / Loss

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Thank you!