



Preliminary Social Return on Investment (SROI) Memo

Purpose

This memo summarises a preliminary Social Return on Investment (SROI) analysis for the founder's STEM and aerospace education initiatives from 2007–2020. The analysis estimates the social value created relative to mission-aligned investment using verified program reach, financial records from GoSTEM operations, and conservative valuation proxies.

Key Result

Preliminary SROI (Base Case): 3.5 : 1

This means that for every RM1 invested, approximately RM3.52 of social value was generated.

Historical Impact (2007–2020)

- 489 STEM programs delivered
- 80,599 students directly engaged
- 707 teachers trained
- 15+ years of national STEM outreach

Investment Used in SROI Calculation

- Dana Belia Rocketry Grants (2012–2014): RM110,000
 - GoCikgu / ACM App Development Grant: RM140,600
 - GoSTEM Operating Deficit (2017–2019): RM78,382
- Total Investment Considered: RM328,982

Social Value (Benefits)

Student STEM exposure value estimated using observed GoSTEM market revenue per student.
Teacher development value is estimated conservatively at RM200 per teacher.



SROI Calculation Summary

Category	Value (RM)
Student Value (80,599 students × RM19.36)	1,560,078
Teacher Value (707 teachers × RM200)	141,400
Gross Social Value	1,701,478
Impact Adjustments (Deadweight 20%, Attribution 15%)	
Adjusted Social Value (Net)	1,157,005
Total Investment	328,982
SROI Ratio	3.52 : 1

Based on this conservative model, an RM315,000 seed investment in Faiz Space could potentially generate approximately RM1.1 million in social value if historical impact efficiency is maintained.

Note: This is a preliminary evaluative SROI estimate. A fully assured SROI would require formal stakeholder engagement, longitudinal outcome measurement, and external verification.

