

Reporting for Research Center at Prasetiya Mulya

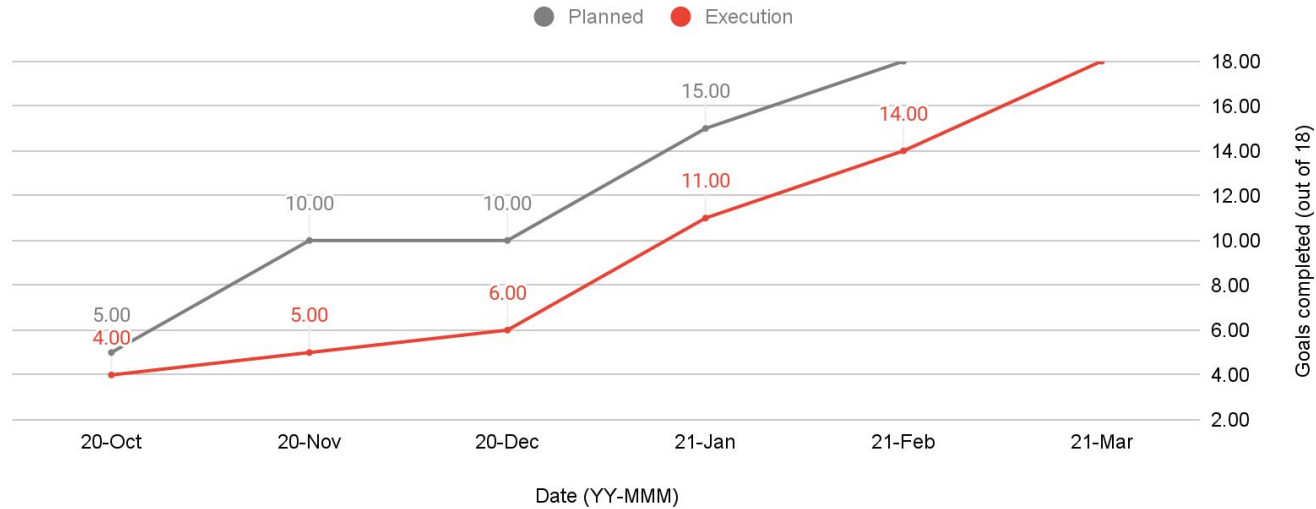
Collaborative and Multidisciplinary Catalytic Projects 2020

**Pembuatan Sistem Decentralized Solar-based Power Station:
Teknologi, Automasi, dan Business Model**



Project completion was overdue for almost 1 month

Completion of goals/milestones each month



There are 18 goals/milestones in total. The graph shows how much goals are completed each month. The causes for overdue are:

- WFH lab restriction
- Administration/ budget papers

Summary of budget spending

Rp 35,105,620.00

Maximum budget ceiling

Rp 21,449,200.00

Projected budget spending

Rp 10,976,744.00

Real spending

51.18%

Budget utilization percentage

Budget spending notes

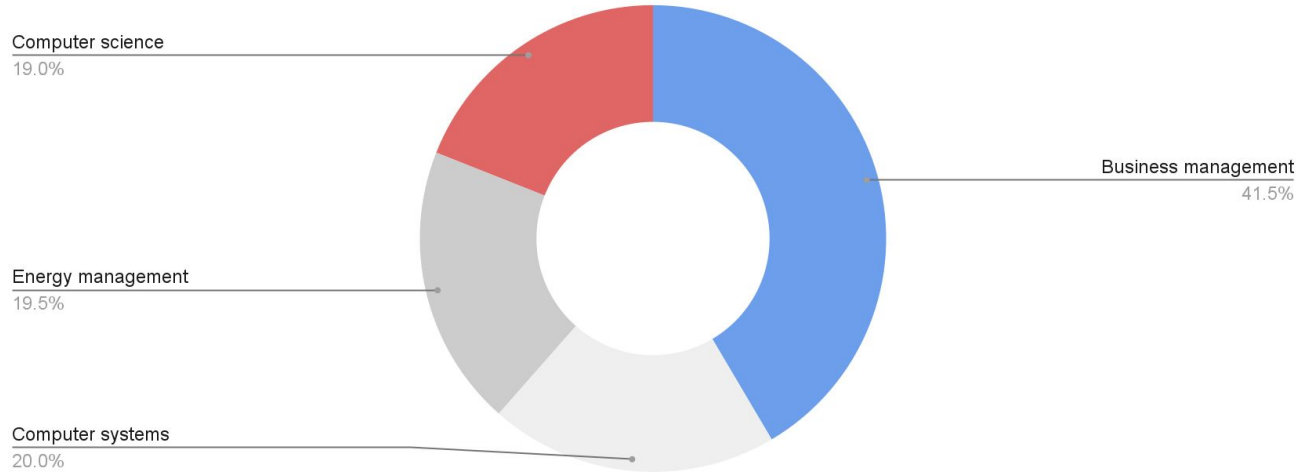
- Pos publikasi belum dibelanjakan karena ICASTEM diselenggarakan oleh sekolah STEM terapan.

These cost-saving measures were applied as a form of small spending commitment

- Cheapest supplier/ shop were used after budget are proposed.
- Tools available at CSL facilities were utilized

Multidisciplinary contribution to the project based on goal completion

Milestone completed based on discipline goal completion



Goal completion are measured in deliverables produced from the project start date until November 2021.

Project outcomes

Deliverable	Title	Target status	Conference name/ publisher name	Current status	Date
Scientific journal	Creating solar forecasting models with FFT and multiple regression	Published	The 2nd International Conference on Applied Science, Technology, Engineering, and Mathematics	Pre-published	November 2021
Conference material	Creating solar forecasting models with FFT and multiple regression	Accepted as Speaker	The 2nd International Conference on Applied Science, Technology, Engineering, and Mathematics	Accepted as speaker	November 2021
Business model paper	Perencanaan Bisnis Faraday sebagai Software Pendukung Manajemen Pembangkit Listrik Tenaga Surya	Winner	Pusat Prestasi Nasional/ Kemdikbud	1st winner	September 2021
Start up initiative/ startup incubator	Registered under the name of Faraday Energy Management	Pre-seed funding	New Energy Nexus Indonesia	Preparation	February 2022

All publishings of this project can be accessed at

<https://faraday.id/resources/publication>

Thank you for your overwhelming support!

Connect with Faraday

team@faraday.id

Connect with Project Manager

tobias@faraday.id



Issued on November 2021