

FUEL FREE

BY SPRING IS COMING



Meet Our Team



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Team Member 3



**Wildan Fajar
Purnomo**

Team Member 1



Abdullah Halim

Team Member 2



Problems

01

Services received by customers are not professional

02

Fraud on the gas filling machine

03

Risk in cash management



FUEL FREE

**FUEL FREE IS THE
SOLUTION**

Scope of Problems

The electronic money balance has been initiated from the beginning

01

A special filling machine that integrates the FUEL FREE application system will be modeled into a desktop app

02



HOW FUEL FREE WORK



Register



TOP UP

TOP UP



Buy some Fuel



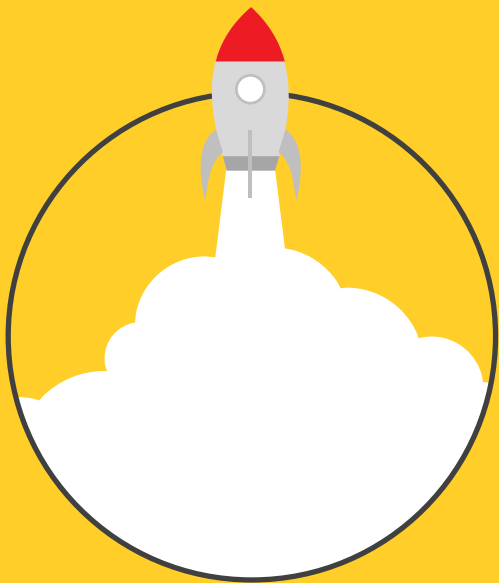
2354 8393
1338 9283

Received Token



Redeem Token





Impact Value

User



Gas Station

Labor costs are reduced



Trust Increased



Data transparency and accuracy



Can establish small-scale gas stations in strategic areas



There is no risk of receiving fake money or lost money



Government

Implementing the National Non-Cash Movement program

Supervise the distribution of fuel directly



Operator (Tokopedia)

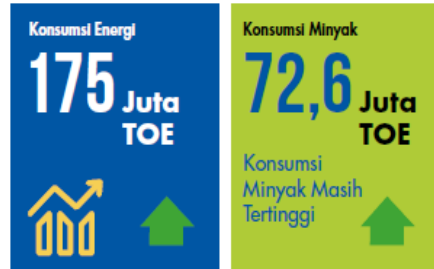
Huge market potential

Applications can connect with
third parties

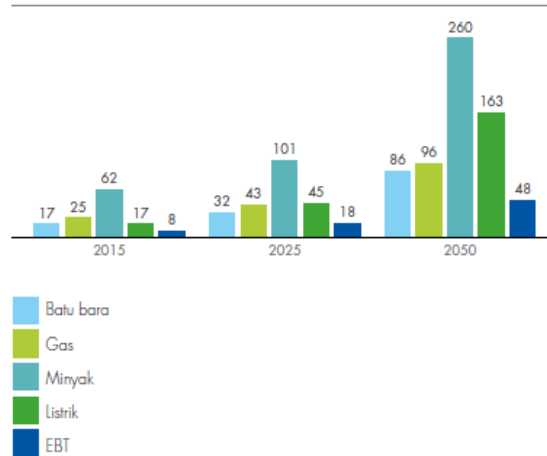
High cash flow, because it used
electronic money



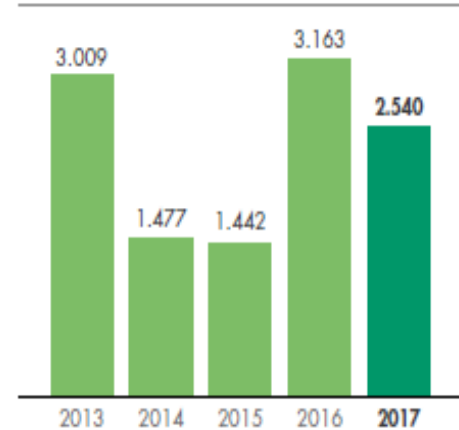
Bauran Energi Indonesia (TOE)



Proyeksi Kebutuhan Energi Indonesia Tahun 2015-2050 (Juta TOE)



Labas Bersih (USD juta)



<https://www.pertamina.com/id/dokumen/laporan-keberlanjutan>



Short Term

Using Q.R. Code



Validation that allows to support a filter system for the purchase of subsidized fuel



Add a map feature that shows the closest gas station



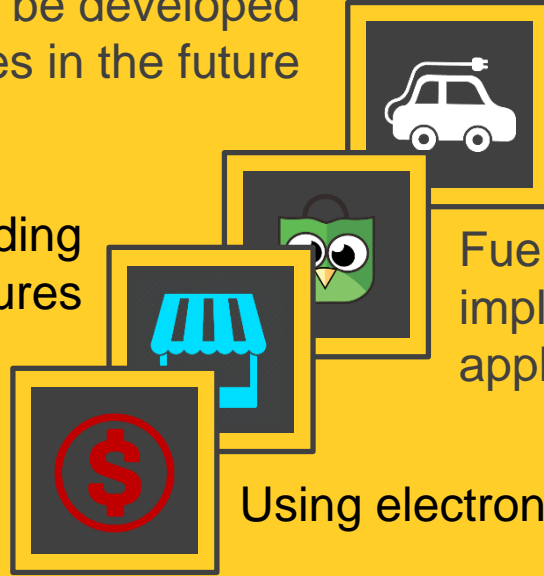
Make top up system have an expiration date for the balance



Long Term

This application system can be developed for electronic vehicles in the future

Expand the application by adding market place features



Fuel purchase features can be implemented in the market place application (tokopedia)

Using electronic money for other payments



Challenges



If there is a system failure it will be chaotic

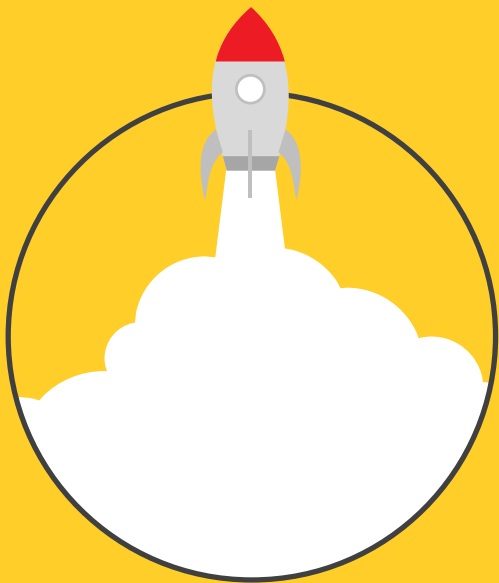


Indonesians like to be served (beli bensin males turun)



Safety for user when refueling because Indonesian people are not ready yet to self service





Demo



Thank you