



credovita

Blockchain-powered borderless debt
securitization for emerging markets

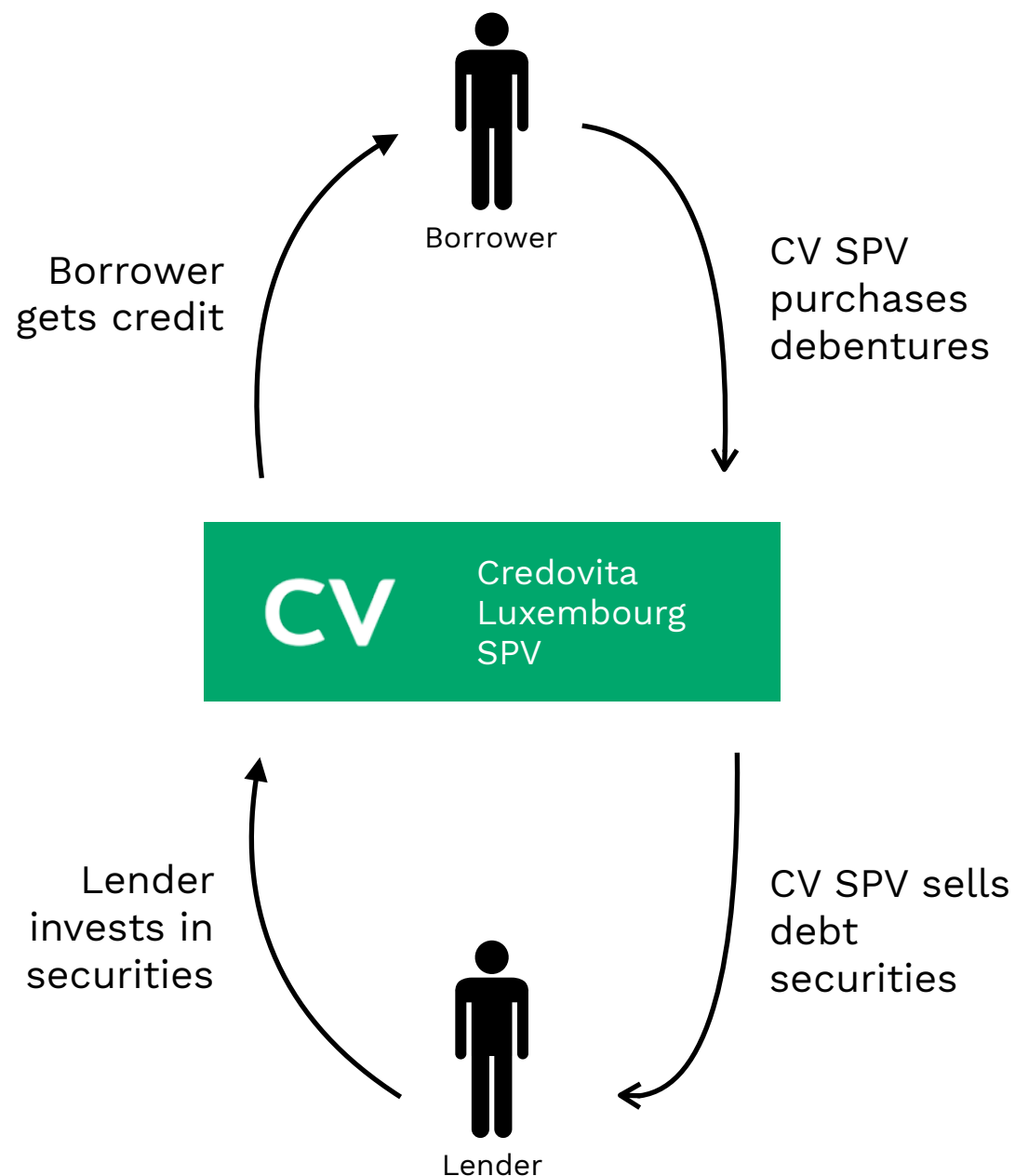
Diego Manalastas
diego@credovita.io
+63 917 550 8300

Julian Patdu
julian@credovita.io
+63 917 599 2446

The Problem

1. Fiscal conservatism in emerging markets prevent industries from growing due to the tightness of the domestic credit market
2. Banks in emerging markets have high reserve ratio requirements, making lending too costly
3. Transparent investment opportunities in emerging markets are difficult to access for investors in developed markets

Our Solution



Credovita is a blockchain-powered lending securitisation platform

We bridge the global financial growth gap by connecting qualified lenders in developed markets to business borrowers in emerging markets

Our Solution

Lender - Investors

**Earn and
build capacity**

Business - Borrowers

Save and Grow

In the long run, jobs, wealth, standards of living, and economic development will all increase at a local then global level

The Market

18.1%

Annual growth in demand for commercial growth loans

26,000,000

Alternative lending business loans originated in 2018

4.9%

Emerging economies average growth rate

In comparison, developed economies have a growth rate of 1.82%

60%

Emerging economies' share in global GDP

Sources: World Bank, IMF, UN, Eurostat

The Market



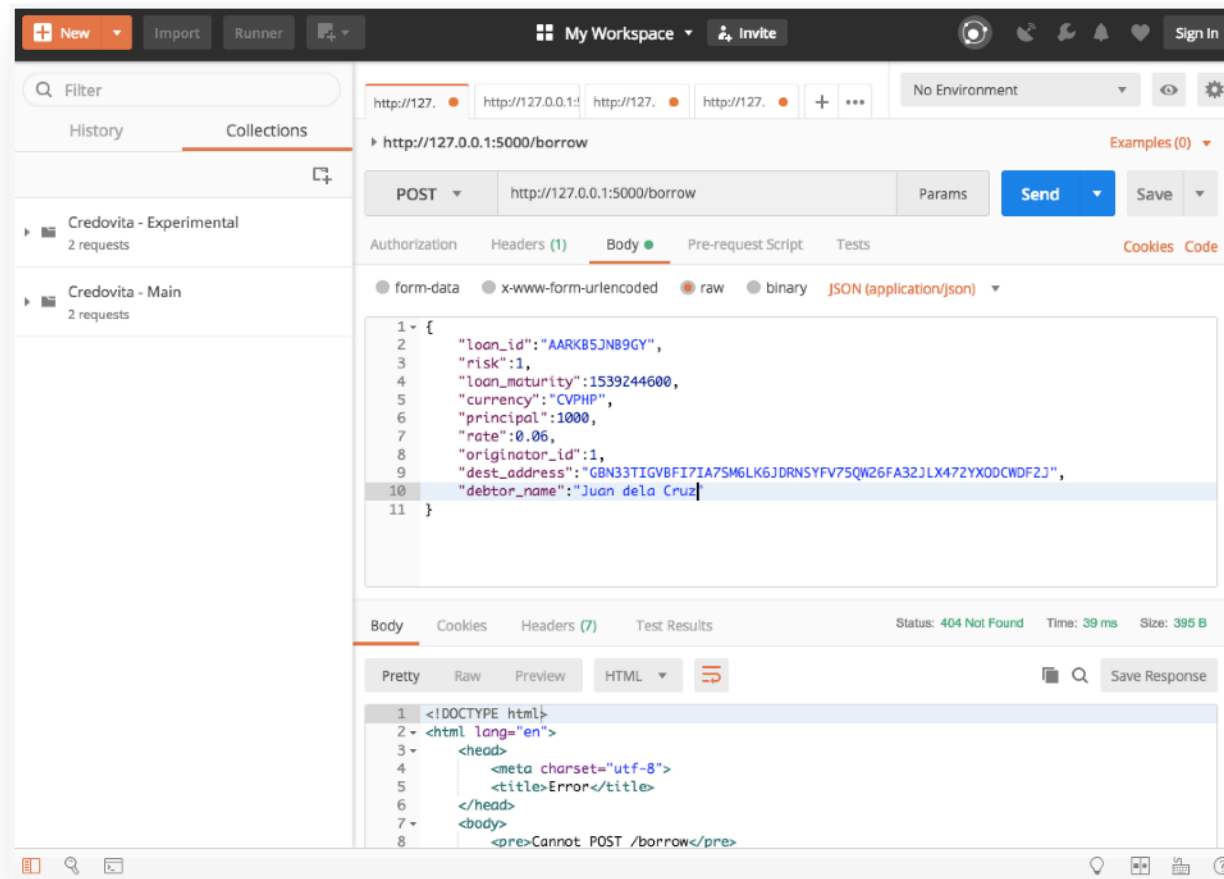
Credovita's Market Size:

**€ 18
Billion**

10% of the total serviceable market by breaking into the commercial lending in emerging economy sector coupled with high growth metrics

Sources: World Bank, IMF, UN, Eurostat

The Product

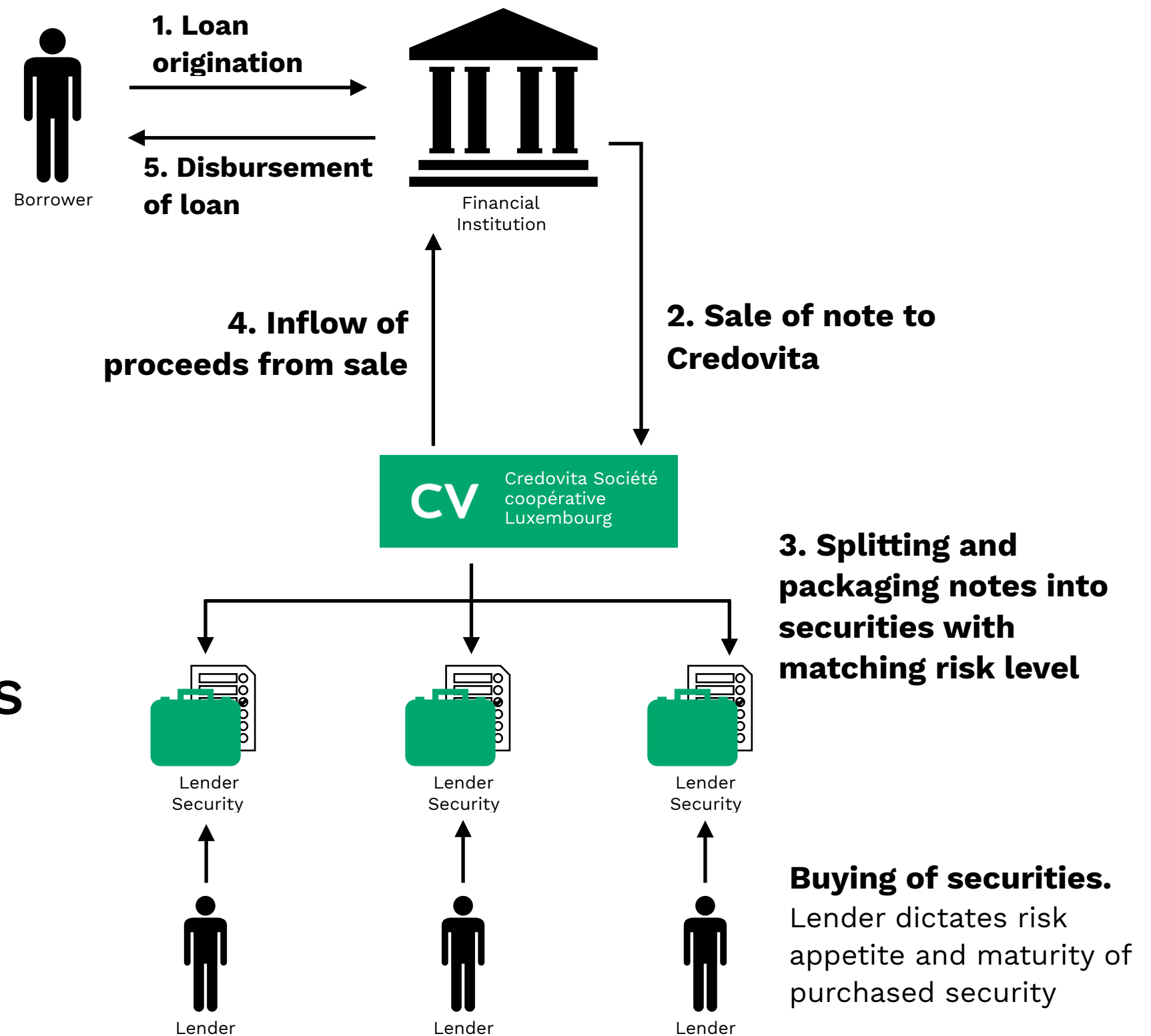


Credovita Core API for Loan Originators

API to originate and immediately sell loans, offering increased lending capacity and balance-sheet relief for grassroots financial institutions

The Product

Credovita Core Securitization Mechanism for Loan Originators



The Product

credovita

Key: GARMAGF4DJM3RADGQZRPKYV7JFC4AOG5ARTZYG276I76XXOZLY3IPZXG

| <div>CVX Balances</div> <table><tr><th>Currency</th><th>Balance</th></tr><tr><td>CVEUR</td><td>101,292.76</td></tr><tr><td>CVPHP</td><td>987,221.32</td></tr><tr><td>CVTHB</td><td>1,100,223.11</td></tr></table> | Currency | Balance | CVEUR | 101,292.76 | CVPHP | 987,221.32 | CVTHB | 1,100,223.11 | <div>CVX Receivable EOM</div> <table><tr><th>Currency</th><th>Balance</th></tr><tr><td>CVPHP</td><td>1,227,181.92</td></tr><tr><td>CVTHB</td><td>1,873,149.19</td></tr></table> | Currency | Balance | CVPHP | 1,227,181.92 | CVTHB | 1,873,149.19 | <div>Net Asset Holding</div> <div>CVEUR</div> <div>211,441.61</div> | <div>CV Interest Rate</div> <div>12.32%</div> <div>Aggregate rate</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|----------|-----------|--------------|----------|------------|-------|--------------|---|----------|---------|-------|--------------|-------|--------------|---|---|------|--------|-------|------------|-------|---|------|--------|-------|------------|-------|----|------|--------|-------|------------|-------|-----|------|--------|-------|------------|-------|-----|------|--------|---|--|----------|-----------|-------|----------|--------------|--|-------|------------|-------|----|-----|------|-------|-------------|-------|-----|-----|------|-------|------------|-------|-----|----|------|-------|------------|-------|-----|----|------|
| Currency | Balance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVEUR | 101,292.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVPHP | 987,221.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVTHB | 1,100,223.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Currency | Balance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVPHP | 1,227,181.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVTHB | 1,873,149.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Available Loans</div> <table><tr><th>Currency</th><th>Principal</th><th>Yield</th><th>Maturity</th><th></th><th></th></tr><tr><td>CVPHP</td><td>12,000,000</td><td>8.67%</td><td>2Y</td><td>Info</td><td>Invest</td></tr><tr><td>CVTHB</td><td>100,000,000</td><td>7.92%</td><td>10Y</td><td>Info</td><td>Invest</td></tr><tr><td>CVIDR</td><td>80,000,000</td><td>8.17%</td><td>Y</td><td>Info</td><td>Invest</td></tr><tr><td>CVVND</td><td>50,000,000</td><td>8.34%</td><td>5Y</td><td>Info</td><td>Invest</td></tr><tr><td>CVMYR</td><td>20,000,000</td><td>6.34%</td><td>12Y</td><td>Info</td><td>Invest</td></tr><tr><td>CVINR</td><td>50,000,000</td><td>8.92%</td><td>15Y</td><td>Info</td><td>Invest</td></tr></table> | | Currency | Principal | Yield | Maturity | | | CVPHP | 12,000,000 | 8.67% | 2Y | Info | Invest | CVTHB | 100,000,000 | 7.92% | 10Y | Info | Invest | CVIDR | 80,000,000 | 8.17% | Y | Info | Invest | CVVND | 50,000,000 | 8.34% | 5Y | Info | Invest | CVMYR | 20,000,000 | 6.34% | 12Y | Info | Invest | CVINR | 50,000,000 | 8.92% | 15Y | Info | Invest | <div>Receivable Loans</div> <table><tr><th>Currency</th><th>Principal</th><th>Yield</th><th>Maturity</th><th>Next Payment</th><th></th></tr><tr><td>CVPHP</td><td>12,000,000</td><td>8.67%</td><td>8M</td><td>21D</td><td>Info</td></tr><tr><td>CVTHB</td><td>100,000,000</td><td>7.92%</td><td>27M</td><td>30D</td><td>Info</td></tr><tr><td>CVINR</td><td>80,000,000</td><td>8.17%</td><td>61M</td><td>3M</td><td>Info</td></tr><tr><td>CVVND</td><td>50,000,000</td><td>8.34%</td><td>22M</td><td>7D</td><td>Info</td></tr></table> <div>Show more</div> | | Currency | Principal | Yield | Maturity | Next Payment | | CVPHP | 12,000,000 | 8.67% | 8M | 21D | Info | CVTHB | 100,000,000 | 7.92% | 27M | 30D | Info | CVINR | 80,000,000 | 8.17% | 61M | 3M | Info | CVVND | 50,000,000 | 8.34% | 22M | 7D | Info |
| Currency | Principal | Yield | Maturity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVPHP | 12,000,000 | 8.67% | 2Y | Info | Invest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVTHB | 100,000,000 | 7.92% | 10Y | Info | Invest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVIDR | 80,000,000 | 8.17% | Y | Info | Invest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVVND | 50,000,000 | 8.34% | 5Y | Info | Invest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVMYR | 20,000,000 | 6.34% | 12Y | Info | Invest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVINR | 50,000,000 | 8.92% | 15Y | Info | Invest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Currency | Principal | Yield | Maturity | Next Payment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVPHP | 12,000,000 | 8.67% | 8M | 21D | Info | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVTHB | 100,000,000 | 7.92% | 27M | 30D | Info | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVINR | 80,000,000 | 8.17% | 61M | 3M | Info | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVVND | 50,000,000 | 8.34% | 22M | 7D | Info | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Lender
Terminal

Easy access to high-yield,
information-symmetric debt
securities from emerging
markets

Traction

Engagements with Philippine Banks



Zamboanga del Norte
Federation of Rural Banks




Silahis Bank, Inc.
(A Rural Bank)

Traction

Mindoro Grid Corporation

- Commitment to borrow through Credovita upon launch
- For the funding of a 1.3M Euro purchase of a turbine system for a Hydropower Plant
- The project is supported by a government contract to build the hydroelectric plant



CONTRACT

Date: 15th May 2018

Between

MINDORO GRID CORPORATION
Unit 14C Belvedere Tower
San Miguel Ave., Ortigas Center
Pasig City
THE PHILIPPINES

represented by its Chairman – **Atty. Ben A. delos Reyes, Jr.** hereafter referred as **Buyer**

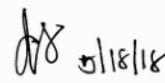
and


GLOBAL HYDRO ENERGY GmbH
4085 Niederranna 41 - Austria

represented by its Director of Sales – **Mr. Ewald Karl**, hereinafter referred to as **GLOBAL HYDRO ENERGY (GHE)** or **Seller** for the delivery of the electromechanical equipment for

BUTAO DROP Mini Hydro Power Project 1 x 1.667 MW

According to the following scope:


5/18/18




PRICED BILL OF QUANTITIES - local services

| Item | Description | source EU / local | Quantity no. | Price per Unit EUR | Total Price EUR |
|--------------------------------------|---|----------------------|-----------------|-----------------------|--------------------|
| 6. | Installation | | | | |
| 6.1 | Supervision for Mechanical Installation and Commissioning | local | 1 | included | included |
| 6.2 | Supervision for Electrical Installation and Commissioning | local | 1 | included | included |
| Total Price Sum: | | | | EUR | 111,000.00 |
| Additional Engineering Design | | | | | |
| | Engineering Design | | | 30,000.00 | 30,000.00 |
| | - Channel Gates | | 2 | Included | Included |
| | - Inlet Gates | | 2 | Included | Included |
| | - Fine Trash Rack | | 1 | Included | Included |
| | - Trash Rack Cleaning Machine | | 1 | Included | Included |
| | - Tail Race Gate | | 1 | Included | Included |

PRICED BILL OF QUANTITIES

| | EUR | |
|-------------------------------|--------------|--------------|
| Electromechanical Equipment | 1,184,430.00 | |
| local services | 111,000.00 | |
| Additional Engineering Design | 30,000.00 | |
| Total Price Sum: | EUR | 1,325,430.00 |
| Special Discount | | -26,430.00 |
| Final Price Sum: | EUR | 1,299,000.00 |



47/57
Global Hydro Energy GmbH A-4085 Niederranna 41 +43 7285 514 www.global-hydro.eu
Filename: Contract Butao Drop - 15 May 2018

Business Model

Interest Rate Formula

Optimized for competitive returns considering risk, while minimises borrowing costs to ensure lowest likelihood of default

Interest revenue from each loan is divided among lenders and Credovita

$$CV_i = (EDP) \times \left[\left[\frac{|\sum mean_{weighted}(M)|}{n} \right] + \left[\frac{|\sum MRP_{it}|}{n_t} \right] \right]$$

Parameter Formulas

$$\delta_{EU} = \beta_1 + \beta_2(i_{ECB}) + \beta_3(LIBOR_{EU}) + \beta_4(CCOB_{EU}) + \epsilon$$

$$\delta_{PH} = \beta_1 + \beta_2(i_{BSP}) + \beta_3(PHIBOR) + \beta_4(CCOB_{PH}) + \epsilon$$

The Team



Diego Santi M. Manalastas

Chief Executive Officer

Business Economics Major at the University of the Philippines Diliman
Specialising in Macroeconomics and Digitisation Economics, Expert in Public Speaking and Pitching, Proficient in Python



Julian Christian B. Patdu

Chief of Engineering

Management Major, Honors Program at the Ateneo de Manila University
Knowledgeable in accounting, statistics, and programming. Skills include coding in Python and PHP, graphic design, and media production



Marion Joren S. Olmillo

Chief Technology Officer

Management Information Systems Major (specialised in Enterprise Systems) from the Ateneo de Manila University

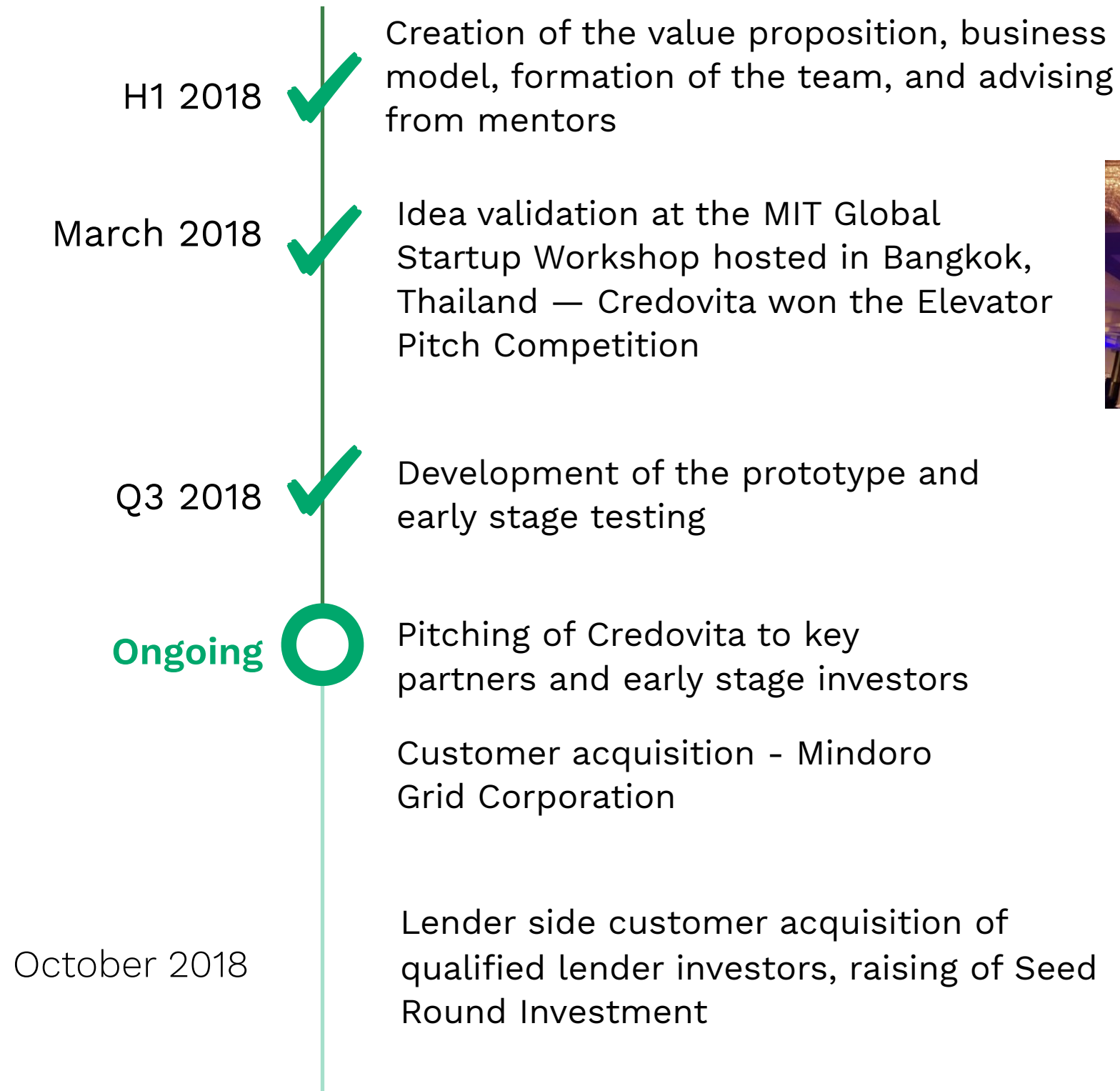


Gabriel Antonino J. Juan

Chief Finance Officer

Business Administration and Accountancy Major at the University of the Philippines Diliman

Roadmap



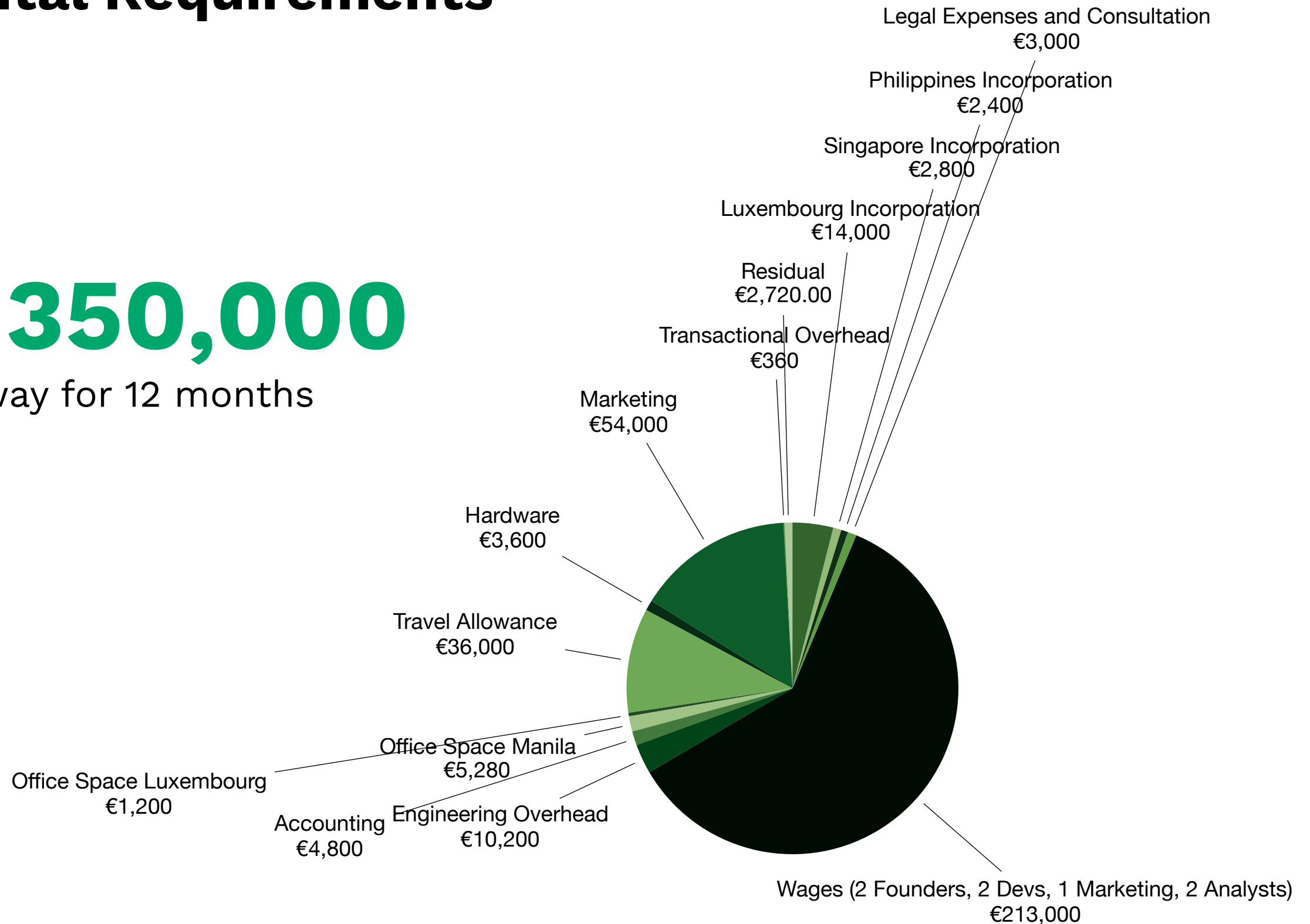
Roadmap

| | |
|-------------------------|--|
| October - November 2018 | Regulatory approval and collaboration with the Luxembourg CSSF regulators for the securitisation vehicle |
| December 2018 | Stress testing of the platform before market launch |
| January-February 2019 | Launch of the Credovita Network |
| Q1 2019 | Lender and borrower customer acquisition |
| Q3 2019 | Launch of borrower markets in Singapore and Thailand |
| 2020 | Growth Stage, Series A Round Fundraising, 275M Euros in total loans fulfilled |
| 2021 | 500M Euros in loans fulfilled |

Capital Requirements

€ 350,000

Runway for 12 months





Be part of a vision, be part of change

Thank you for your interest in Credovita

We hope that we can work together
to build the future of finance

#FreeMarketForGood

Diego Manalastas
diego@credovita.io
+63 917 550 8300

Julian Patdu
julian@credovita.io
+63 917 599 2446

Disclaimer: The material on this deck are for informational purposes only subject and for the intended recipient only. Credovita is an Intermediary Platform that virtually connect qualified lenders and borrowers through electronic platforms of website and/or mobile application. The lending transaction is purely between lenders and borrowers at their own discretion and Credovita does not assure or guarantee any loan fulfillment and/or investment returns, and are subject to the rules and regulations of the different legal jurisdictions where applicable. The information provided on the platform are verified or checked on the best efforts basis without guaranteeing any accuracy in the data/information verification. Any investment decision taken by the lender on the basis of this information is at discretion of the lender and Credovita does not guarantee that the loan amount will be recovered back from the borrower fully or partially. The risk is entirely on the lender. Credovita will not be responsible for the full or partial loss of the principal and/or interest of lenders' investment. Regulatory oversight for the Credovita to follow pending review from the individual national regulatory agencies in each of the markets where Credovita operates. If you do not live in a country that allows this kind of financial service and/or cryptocurrencies and/or blockchain-based applications, then we do not claim any responsibility for any legal consequences for engaging or communicating with our company or product. Credovita is currently based in the Republic of the Philippines and does its best to work within the legal framework and existing regulation for online lending and securitisation platforms. Pending regulatory review and oversight where applicable.

credovita