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Disrupting packaging industry with a decentralized marketplace
for sellers, buyers, delivery agents, validators, suppliers and other ecosystem participants

WHAT IS PACKAGING



Packaging is the planning, creating, manufacturing, wrapping, boxing, or bottling of goods for consumer, industrial, and military markets.

The packaging industry, in fact, plays a role in nearly all of the industries and manufacturing establishments around the globe.

Today packaging industry is a billionaire business, with a market value forecast at *\$998 billion in 2020* and a continuously growing expansion both in First and Third World economy.

OPN VISION



We decided to marshal our strengths and competences to build the largest open source packaging network in the world.

It is the **"Open Packaging Network"** - an open ecosystem for stakeholders transactions. It is a public digital ledger for the packaging industry. An **open, reliable marketplace** for buyers and sellers.

It is made to provide sellers and seriously interested buyers better payment terms, trustworthy demand forecasts and fair goods prices and, on the other side, to guarantee buyers seriously interested sellers, first-quality materials and really fast deliveries..

And we are developing it on the basis of the most advanced, safe and interactive technology so far:

BLOCKCHAIN

THE GLOBAL PACKAGING MARKET

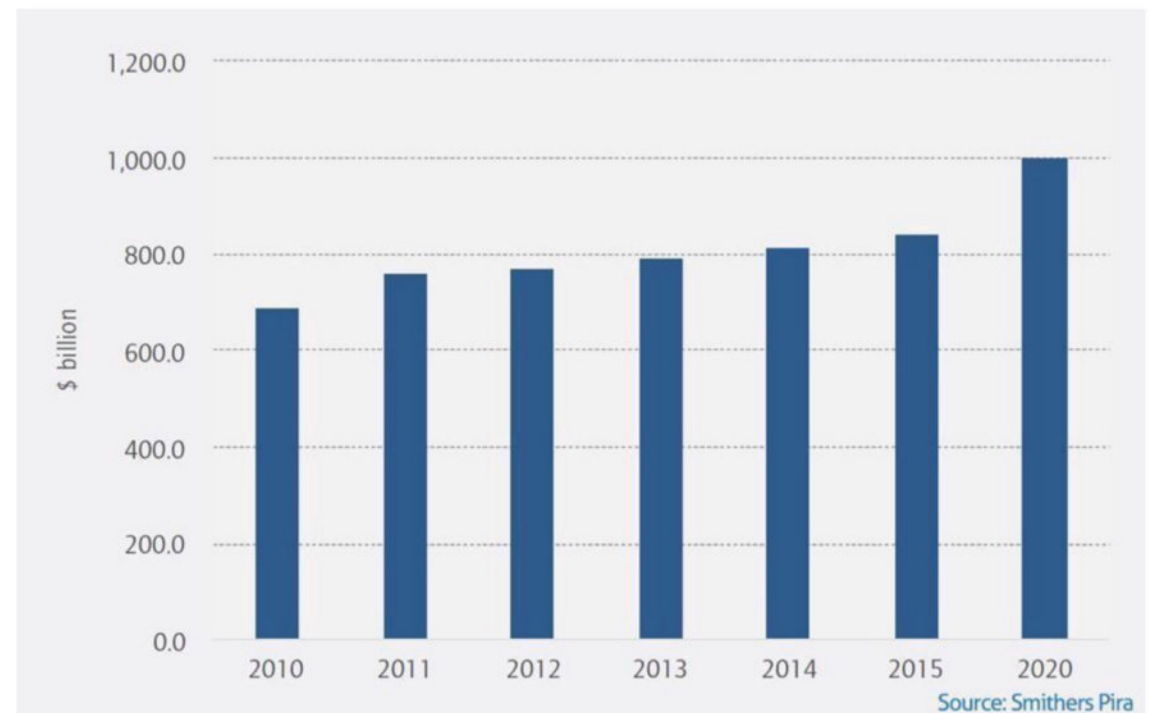


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The industry was, valued at **\$839 billion in 2015** and is expected to grow to **\$997 billion by 2020**, a year-on-year growth of 3.5%.

Packaging materials market is set to exceed **\$1.3 trillion by 2024**.

*These developments will **boost demand** for flexible & rigid plastics, glass, metal, and paper packaging materials demand throughout the forecast span, with flexible plastics being the largest materials segment in terms of volume.*



THE GLOBAL PACKAGING MARKET



MARKET SECTORS

Digital Packaging and Labelling

Expected to grow at a CAGR of 16% between 2016 and 2022.

Dairy Packaging

Valued at \$23.03 billion is projected to grow at a CAGR of 3.62% during the period 2017-2022.

Alcoholic Drinks Packaging

Expected to touch \$34.14 billion by the year 2022 at a CAGR of 4.9% from \$26.3 billion in 2017.

INDUSTRY PROBLEMS



A sector is nowadays at a crossroads:

companies that are ready to face challenges head-on and restructure their businesses will reach success, while the ones that will fail to stand-up to challenges are destined to disappear from the marketplace.

Today's major problems are:

Demand Forecasting for Manufacturers
Quality and Accuracy
Payment Issues
Transparency and Trust
Low Credit Facilities
Sustainable Packaging

OPN SOLUTION



We're building **decentralized marketplace** for packaging producing industry participants. The ecosystem is designed to act as a one-stop solution for all packaging related services.

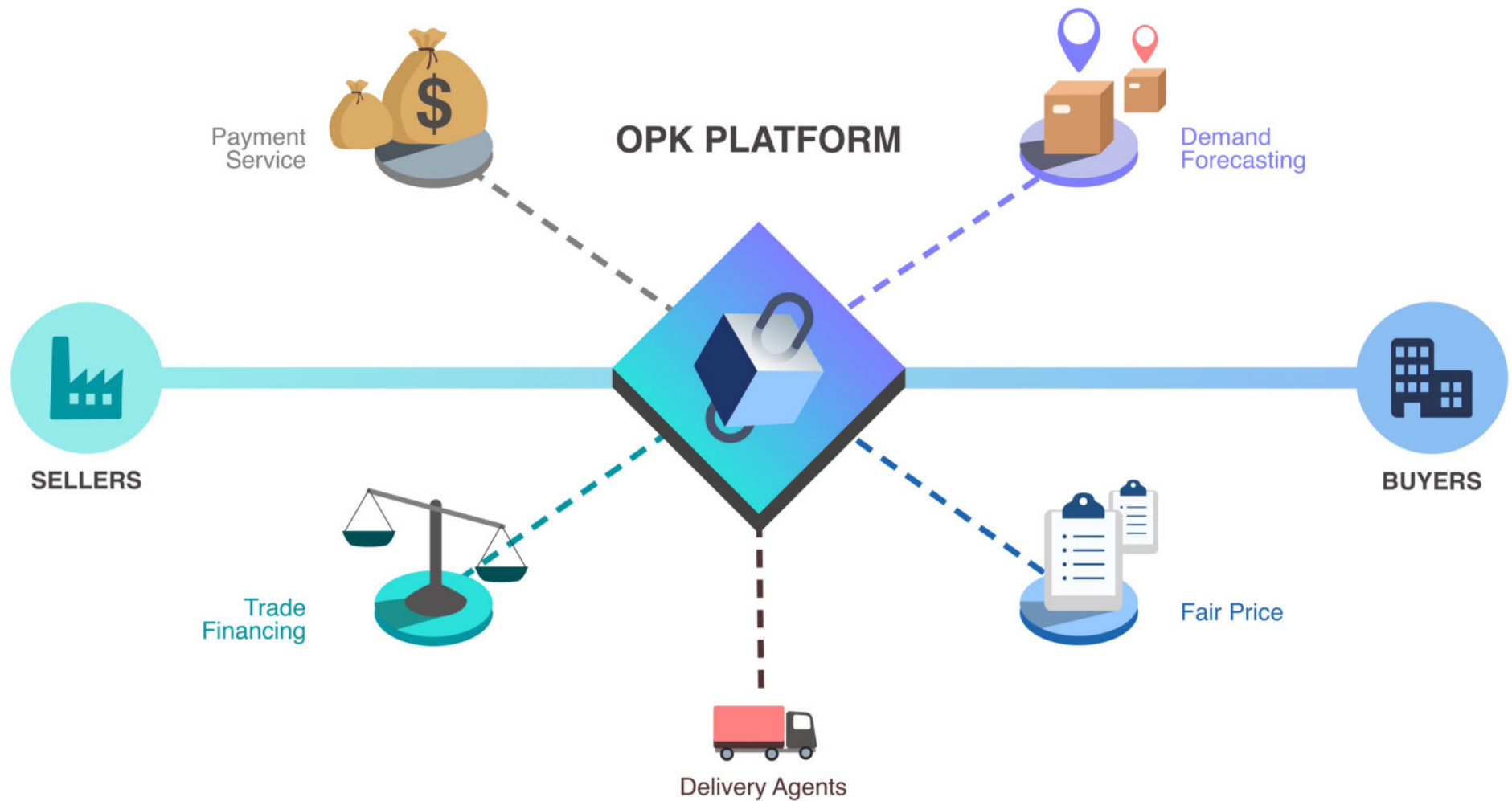


| Feature | OPN Platform | Offline Purchase |
|--|--------------|------------------|
| <i>Fair Prices</i> | 5/5 | 2/5 |
| <i>Quick Payments</i> | 5/5 | 2/5 |
| <i>Integrated Services</i> | 5/5 | 1/5 |
| <i>Transparency</i> | 5/5 | 1/5 |
| <i>Trust</i> | 5/5 | 3/5 |
| <i>Assortments of Product</i> | 5/5 | 2/5 |
| <i>Online Documentation & Security</i> | 5/5 | 2/5 |

The solution is designed to leverage the advantages of Blockchain to provide an open ecosystem for various stakeholders to transact with each other seamlessly.

OPN SOLUTION

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OPN PLATFORM & CUSTOMERS

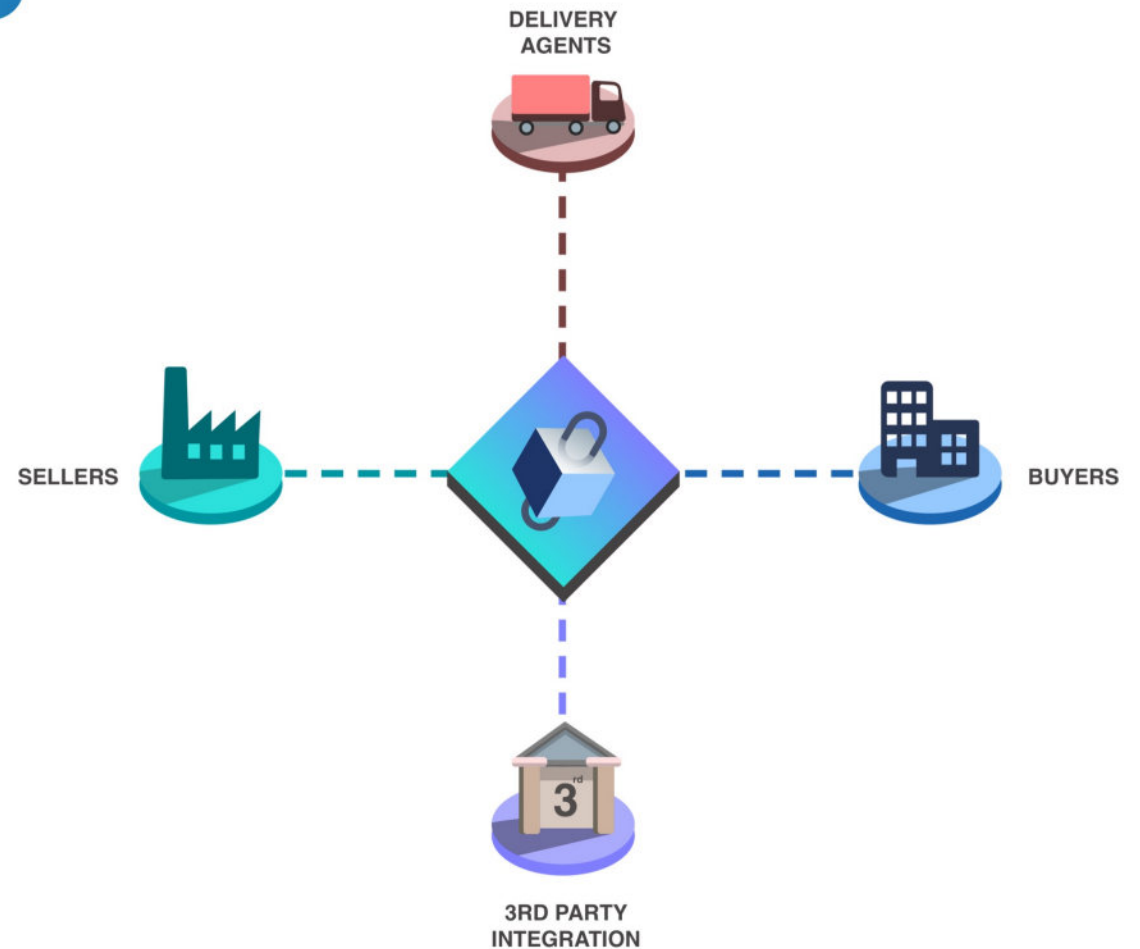


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The Open Packaging Network (OPN)

is a [fair marketplace](#) where services are provided as per promises and agreements between buyers and sellers, an open platform for online reliable, fast and transparent transactions, validated by smart contract programming code to avoid human errors.

Sellers and buyers are able to publish services and products they provide or need, interact with each other get fulfilled from the counterparty.



OPN PLATFORM B2B USER CASES



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Plastic film Manufacturer

**Paper & Paperboard
Manufacturer**

Local Distributor

Trade finance provider

P2P Lending provider

Payment service provider

Credit solution provider

Packaging Converter

Label printing Company

**Packaging
chemicals supplier**

**Packaging
Components supplier**

Packaging Machinery

**Printing & Labeling
Machinery**

**Packaging Engineering
& Development Centers**

**Packaging
Innovation Cluster**

Logistic & Shipping

Fulfillment facility

Material Handling

Packing service

**Design & Branding,
Marketing Agency**

**Packaging
equipment service**

**Regulatory
& Compliance Entity**

**Packaging Research &
Development Organization**

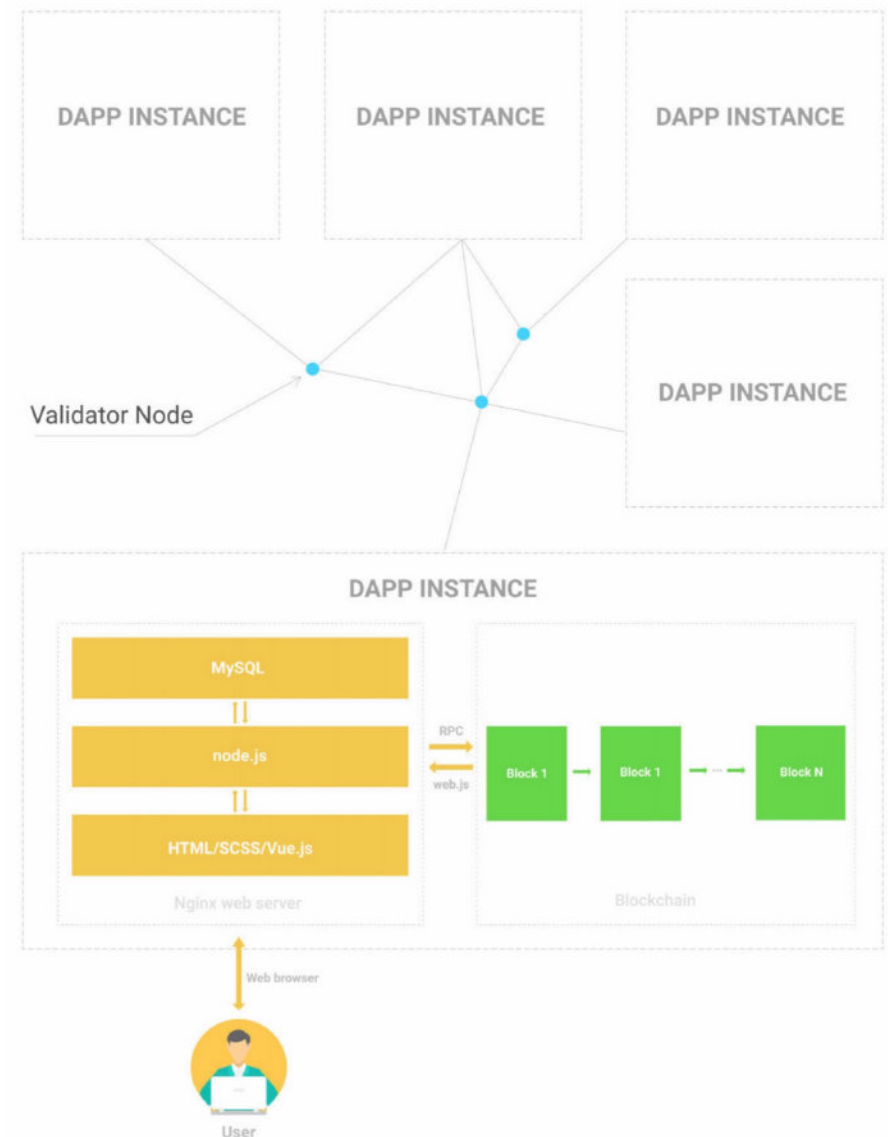
OPN PLATFORM TECHNOLOGY



dApp is a utility software for implementing and maintaining CI / CD processes (continuous integration and continuous delivery). It is intended for use by DevOps-specialists as a link between application systems (Git supported), infrastructure and PaaS (Kubernetes).

MVP features:

- Web interface
- Order and product, service profile creation
- Matching algorithm
- Payments in crypto and fiat currency
- Internal Chat Communication between seller and buyer
- Documents verification & Quality assurance
- Documents storage & Database
- Delivery trace
- Clients notification: new item, new service
- Social features: rating, follow, etc...
- Blockchain transaction records and validation



ROADMAP & MILESTONES



Phase I

Concept Preparation & Validation

2017 SELF FUNDED

- > Packaging Industry E-COMMERCE PLATFORM development
- > Blockchain Decentralized Concept Development

QI, QII 2018 SELF FUNDED

- > Project Development Team
- > Advisory Board Engagement
- > Validated Project Concept with
- > Packaging Industry survey
- > Whitepaper Release
- > Established Open Packaging Network AG, Switzerland

Phase II

MVP Development & Fundraising

QIII 2018 SELF FUNDED/ PRIVATE SALE FUNDED

- > Start MVP development
- > ICO Private Sale
- > Launch Bug Bounty campaign and security tests

QIV 2018 PRIVATE SALE FUNDED/ CROWDSALE FUNDED

- > Release MVP with limited features
- > Token Generation Event
- > OPK Smart Contract Token Activation
- > Listing OPK Token on Exchanges

Phase III

Protocol Development & Integrations

2019 CROWDSALE FUNDED

- > Start development OPN Platform Alpha Version
- > Develop API
- > Launch Android Mob App
- > Governance R&D
- > Supply chain Integration
- > Launch OPN Platform Beta version
- > Launch IOS Mob App
- > Payment gateway development
- > Europe Road show
- > Provenance of goods
- > Trade Finance Service
- > Launch payment API
- > Commodity market
- > Asia Road show

Phase IV

Blockchain Development & Market Expansion

2020 CROWDSALE FUNDED

- > Cross Blockchain Support
- > Waste Recycling rewards concept development
- > Overseas expansion: representative offices in Asia and Americas
- > America Road show
- > Brand&Design tool integration
- > IoT Integration
- > Overseas expansion: representative office in Africa

2022 SELF FUNDED

- > Research on governance, privacy, scalability, future-proofing
- > Blockchain protocol development

REVENUE MODEL



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**OPN offer a Subscription payment model
as main revenue stream and additional sources.**

Also, we plan to allow crypto enthusiasts to use **OPK Token**
along with BTC and ETH and receive discounts.

PAYMENT METHOD

FIAT

ETH / BTC

OPK Token

PRICES

Prices of goods + $\frac{2}{3}$ card fees

Prices of goods + transaction fees

Prices of goods + minimal transaction fees



REWARDS

PARTIAL

PARTIAL

FULL

REVENUE MODEL



1.Platform transaction payment fee: 0.05 %

2.API integration, pay per call:

Download > 0,01 CHF per call

Upload > 0,05 CHF per call

3.Revenue Share Integrated Services:

Non-financial: *OPN 25% / Partner 75%*

Financial: *OPN 35% / Partner 65%*

Affiliates: *25% of recurring revenue*

4.Advertising (Later Stage):

- Banners - Mentions - Pop-up - Post

5.Analytic Report (Later Stage):

25 CHF/Report

- Region
- Country
- Category
- Type
- Industry
- One time
- Weekly update
- Monthly update

6. Escrow service fee:

- Standard service:

0,1 % of deposited amount

- Conflict resolution additional fee:

0,25% of deposited amount

REVENUE MODEL

Subscription: Montly (Billed annualy)

Platform charges could be done on OPK Tokens.

*OPK Token is liquid cryptocurrency of OPN PLaform, nominal rate: 1OPK=1USD expected listing on exchange - January 2019. agreement dated 14/08/2018 with Bprotocol Foundation - Gubelstrasse 11 - 6300 Zug – Switzerland or Bancor Network (<https://www.bancor.network/>).



BASIC Try for **Free**

- **5 orders** /month
- **1 User**
- **1GB** Storage

BUSINESS 125 CHF

- **15 orders** /month
- **5 Users**
- **5 GB** Storage
- **100 API Calls**
Free/Month
- Limited
Analytic **Reports**
- Email Support

ENTERPRISE Custom / Tailored made

- **Unlimited orders**
- **Unlimited Users**
- **Unlimited Storage**
- **1000 API Calls**
Free/Month
- Customer
Support Portal
- **Premium Listing**

OPK TOKEN

OPK is the fundamental unit of account on the OPN blockchain.

OPK is a liquid currency, and therefore can be bought or sold on exchanges, as well as transferred to other users as a form of payment.



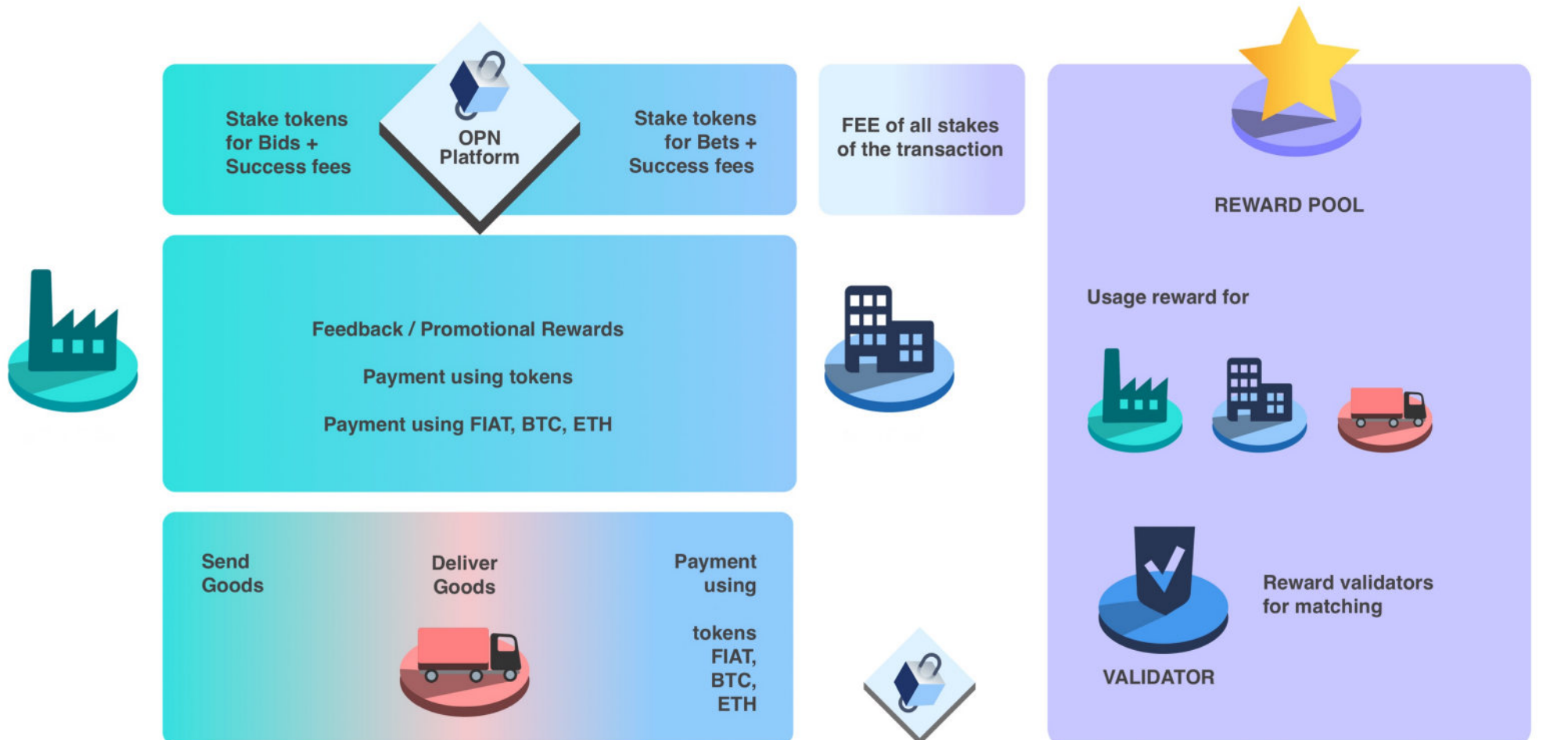
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The OPK token will empower the following functions:

- Bidding and Betting
- Accepting/Closing orders (stake) and Promotions
- Earning interests through long-term vesting
- Securing loans by using OPK as collateral
- Earning validator status
- Voting for platform changes
- Lease Pool - To lease out tokens to users for supply chain financing to earn interest
- Trade Finance – To use the tokens as liquidity pool and collateral for trade finance of the orders performed on the platform.

OPK TOKEN

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OPN TEAM

OPN has a team of experienced professionals from packaging industry to Web & Blockchain developers with enriched industry experience.



Sergio CIACHIR
Co Founder & Project
Manager, Switzerland



**Valentina
SANSEVERINO**
CMO, Italy



**Dr. Mattia
RATTAGGI**
Advisory Board
Member, Switzerland



**Mark
HOLTHUIZEN**
Packaging Advisor,
Mexico



**Sergey
DYDYDHKO**
Packaging & Label
Advisor, Belarus



Abilash NL
Blockchain Product
Manager, Italy



**Nikita
MELNICOV**
CTO, Russia



Uros JAKOMIN
Supply Chain
Advisor, Slovenia



Sanjeev RAGHU
Marketing Advisor, India

CORE TEAM

ADVISORY BOARD

TOKEN SALE OPPORTUNITIES



Get special discounts during OPK Token presale



**6
MONTHS
LOCKUP**



**9
MONTHS
LOCKUP**



**12
MONTHS
LOCKUP**

DETAILS

Minimum Purchase: 50,000 OPK (\$50,000)

Maximum Purchase: 500,000 OPK (\$500,000)

Currency: ETH,BTC,EUR,USD,CHF

Duration: 01.08.2018 - 31.12.2018

PRESALE FRAMEWORK

> *Investment Agreement.*

> *Swiss stock exchange ICO Certificate*

(flexible solution to gain an exposure in ICO, but without managing the complex Processes and Risks of Crypto-Investments).



Thank You

Contact us

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<https://www.opnplatform.com/>

