



***VSL FINANCE***

# **WHITEPAPER TOKEN VSL**

**VERSION 2.0 ENGLISH**

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# OVERVIEW

## INTRODUCTION OF THE ROLE AND CONTRIBUTION OF THE LOGISTICS INDUSTRY IN VIETNAM.

Vietnam Smarhub Logistics (VSL) - The technology ecosystem connects logistics activities, operating 24/24. Create an intermediary operating center, handle online services in real time, operate on the cloud platform, authenticate the identity of each participant, issue legal electronic documents. physical. VSL integrates financial, insurance and transportation services. Consists of:

- Sea port/ICD/Depot
- Shipping line
- Transport company
- Customs
- Banking
- Insurance
- Import-export services company
- CFS warehouse, Bonded warehouse.



### Current process:

**For port:** Register orders at the counter, pay cash, print paper documents, find containers at the yard,...

**For transportation:** The trucks run under the contract, the shipper looking for trucks, send the delivery documents for carrier.

**For shipping line:** Register at the front office, pay cash, issue paper documents, keep the paper documents to port for comparison.

**For customs:** Bring the customs declaration to the customs office to liquidate the declaration.

Vietnam Smarhub Logistics(VSL) was born to change the traditional process. Transactions are transferred from face to face, printing, confirmation by stamp.. and digitally converted according to the online process on VSL ecosystem. All participants inherit – integrate – share legally valid data, authenticated by each entity and in real time.

## **VSL FORMATION PROCESS (VIETNAM SMARTHUB LOGISTICS)**

VSL was designed and developed in 2018, after more than 5 years of research and development by a team of logistics technology, development experts for upgrading the services, utilities and digital transformation of Vietnam's Logistics industry and expand to other countries. VSL aims to create a breakthrough information technology solution, providing absolute accuracy in mining data, optimizing time, reducing costs and human resources by creating an open ecology responds to and services for all relate to.

Since October 2021. VSL feature components have been recognized by many international shipping lines in the top 4 most important criteria for evaluating Vietnamese seaports. The creation of VSL Token is expected to bring the benefit from the rapid development of the VSL user community. As well as create a modern and prosperous future for the Logistics industry in Vietnam and Asia.



In January 2023, VSL has successfully connected with 150 shipping lines around in the world, 22 international container ports, 950 carries with more than 12,000 vehicles, 5 barge operators, general department of Vietnam customs, VNPT, Military Bank (MBB) and National payment gateway NAPAS.

To get ready to explore with smart trucking application (a sharing economy model similar like Grab). The only application at the moment, can order container trucks online , complete electronic documents at port.

The average cash flow passing through the VSL System each year is more than \$113,000,000 (one hundred and thirteen million Dollar).

## CERTIFICATION OF COPY RIGHT

Vietnam smarthub Logistics (VSL) application was certified by the Copyright Office of the Ministry of Culture, Sports and Tourism on January 18,2022.

			
BỘ VĂN HÓA, THỂ THAO VÀ DU LỊCH CỤC BẢN QUYỀN TÁC GIẢ			
GIẤY CHỨNG NHẬN ĐĂNG KÝ QUYỀN TÁC GIẢ			
CỤC BẢN QUYỀN TÁC GIẢ CHỨNG NHẬN			
Tác phẩm:	<i>Phần mềm Vietnam Smarthub Logistics</i>	Loại hình:	<i>Chương trình máy tính</i>
Tác giả, Chủ sở hữu:	<i>Tạ Minh Vang</i> <i>Vinh Sơn, Nghĩa Thành, Châu Đức,</i> <i>Bà Rịa - Vũng Tàu</i>	Quốc tịch:	<i>Việt Nam</i>
		Số CCCD:	<i>077080001806</i> <i>17/02/2020</i>
Đã đăng ký quyền tác giả tại Cục Bản quyền Tác giả			
Hà Nội, ngày 18 tháng 01 năm 2022			
KT. CỤC TRƯỞNG PHÓ CỤC TRƯỞNG			
Số: 0274/2022/QTG			
Cấp cho Tác giả đồng thời là Chủ sở hữu		Phạm Thị Kim Oanh	

## COMPARISON THE TRADITIONAL AND DIGITAL CONVERT PROCESS

No.	TRADITIONAL PROCESS	VSL SOLUTION
<b>A</b>	<b>REGISTRATION PROCEDURES AT THE PORT BY PAPER</b>	<b>E BOOKING ORDER</b>
1	Customers register for container delivery at Port.	Make transactions via online
2	Register for delivery of empty containers at port	
3	Register to receive containers from port	
4	Register to receive empty containers from the port	
5	Register to stuffing / unstuffing / special services	
6	Register to change vessel / ports	
7	Order pending payment	
8	Update order information	
9	Register for extension of storage of container.	
10	Register for electricity extension of Reefer container.	
11	Seal container / Delivery order	
12	Register for split from Master bill	
13	Management EDO	
14	Declare means of transport (Declaring the unit, the number of the vehicle receiving the container)	
15	Drop Container on the other depot.	
<b>B</b>	<b>EMAIL/PHONES LOOKING INFORMATION</b>	<b>ONLINE SEARCHING VIA WEBSITE</b>
1	Checking container information	
2	Checking Vessel voy information	
3	Cargo tracking information	
4	Checking Bill of lading ( Bill No )	
5	Checking Booking	
6	Cheking Housebill number information	
7	Checking EDO number information	
8	Checking vessel schedule	
9	Download e-invoice	
10	Checking payment service	
11	Invoice conversion lookup	
12	Checking delivery order information	
13	Download delivery order	
14	Automatically send information of Order Code and Payment Invoice to customers (Phone & Email) after completing payment	

15	Checking customs clearance	
16	declaration/ cargos management number	
17	List of declarations/cargos management number	
<b>C</b>	<b>Trucking Order</b>	<b>BOOK A TRUCK VIA MOBILE APP</b>
1	Place trucking order via service company	Search container information
2	Book a truck directly with truck owner/or driver	Search the vessel's information
3		Search tracking information
4		Shippers, drivers, route searching information.
5		Browse the accounts, Decentralize
6		Active Partition
7		Transport monitoring
8		Monitor the route, change the route
9		Calculating costs, comparing.
10		Warning
11		Optimizing the track
12		Connect API with Smarthub system
13		Connect with payment gateways, issue electronic invoice.
<b>D</b>	<b>MANAGEMENT – TRACKING</b>	<b>APPLICATION FOR SHIPPER</b>
1	Via by phone	Query electronic E-document (EDO, Booking, Billing)
2	Via by mail	Book a designated, unspecified truck
3		Get service quote
4		Monitoring the tracking, handling process service.
5		Receive electronic document
6		Report, comparing
<b>E</b>	<b>TRUCK OWNER/ DRIVER</b>	<b>APPLICATION FOR DRIVER</b>
1	Get a contract of trucking	Search container information
2	Difficult to find cargos for turn back.	Search vessel's information
3		Search for shipping information
4		Account registration
5		Route registration
6		Receive Booking
7		Cancel Booking
8		Trucking notice: route, type, money
9		warning
10		Report, comparing
<b>F</b>	<b>PAYMENT / DOCUMENT</b>	<b>ONLINE PAYMENT / E-DOCUMENT</b>
1	Collect by cash	Online payment gateway
2	Transfer money from account > account	Logistic e wallet
3	Debit	
4	Paper delivery document	E-document
5	Receipt	Electronic bill

## **ELECTRONIC DOCUMENT ISSUANCE (E.DOC)**

- eDI – Electronic Data Interchange ( transaction data between shipping line-port ).
- eDO – Electronic Delivery Order (transaction EDO data between – shipper – Terminal ).
- eEIR - Equipment Interchange Receipt (transaction equipment interchange receipt between terminal – shipper)
- eINVOICE: Release electronic invoice ( Terminal/shipping line/Service company – shipper ).
- PIN/QRcode: Gate authentication code (truck owner - Port/ICD/Depot).
- eINS: Cargo Insurance Transaction Confirmation (Shipper – Insurance company).
- Ebooking: Electronic Booking (Shipper – port, shipper – shipping line).
- Elift: Electronic lift off order (Truck owner –port/ICD/Depot)
- eBank: Financial verification code between VSL – MB bank



## PRODUCT FEATURES

### A. ONLINE PROCEDURES

- Register to deliver container to terminal
- Register for delivery of empty containers to terminal
- Register to receive empty containers from terminal
- Register to stuffing / unstuffing / other special services.
- Register to change Vessel / terminal
- Oder pending payment
- Update order information
- Register for extension of storage container
- Register for extension of refrigerated container electricity
- Lock container / Delivery order
- Register to split baches from Masterbill
- eDO management
- Declare means of transport
- (Declare the unit and number of trucks to receive container)

**VIETNAM SMARTHUB LOGISTICS**

**Thống kê tổng quan**

THỐNG KÊ CONTAINER		Dry	RF	OOG+	DG
Container nhập		62556	1783	0	0
Container xuất		82531	6220	0	0
Container Rỗng	Cấp được	44389	7045	0	0
	Vệ sinh - Sửa chữa	4051	531	0	0
BOOKING / EDO		Đã cấp	Chưa cấp	Đang cấp	
Booking		15996	1536	3709	
EDO		11200	929	32	
SEAL		Seal			
Đã cấp		12896			
Chưa cấp		-5896			
Trả về		0			

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### B. ADMINISTRATION CENTER

- Searching container information
- Searching vessel voy information
- Searching tracking information
- Searching shipper information, drivers, itineraries.
- Brownse accounts, assign permissions.
- Active partition
- Monitoring shipping activites.
- Route monitoring, route changing
- Calculation of cost, comparing
- Warning
- Optimizing the road
- Connect API with Smarthub
- Payment gateway connection, issue electronic documents.

### C. ONLINE SEARCHING

- Searching container information
- Searching vessel voy information
- Searching tracking information
- Searching Bill (BillNo)
- Searching Booking
- Searching HouseBill No information
- searching eDO No information
- download E-invoices
- searching service payment
- searching invoice conversion
- searching delivery order information
- download delivery order
- automatically send information of order code and payment invoice to customers via ( phone & email ) when completing payment.
- Searching customs clearance
- Declare the declaration/ goods management number.
- List of declarations/ cargo management numbers.

### D. TRUCK ORDER APPLICATION

#### 1. FOR SHIPPER

- Query electronic order (EDO, Booking, Billing)
- Searching cargo information
- Book a designated, non-designated truck
- Get service quote
- Monitoring the route, service handling process
- Receive electronic document
- Report, comparing
- Pay the bill

#### 2. FOR DRIVER

- Searching container information
- Searching vessel voy information
- Searching tracking information
- Register an account
- Register the route
- Accept Booking
- Cancel booking
- Trucking announcement: route, type of cargo, amount of money
- warning
- report, comparing

09:44 85%

### THÔNG TIN VẬN CHUYỂN

Từ...?

Đích Đến...?

Số PinCode: Số pincode...

Ngày Lấy Hàng: 7-9-2021 **CHON**

Loại Xe: Truck 20 ft

Mã Container: ACT123434,ATC457645,...

Trọng Lượng (Tấn): 20

Chỉ Định Tài Xế: +84934730780

**Tìm Xe**

**Quay Lại**

09:43 85%

### DANH SÁCH ĐƠN

**Đơn Hàng 6135c81af938a50020f602b3** **Đang Tìm Xe** **Đơn Lẻ**

Địa chỉ: Nguyễn Thị Định, Cát Lái, Quận 2, Thành phố Hồ Chí Minh, Việt Nam

Đích Đến: Phước Đông, Gò Dầu, Tây Ninh, Việt Nam

Loại Container: Truck40

Số Container: CMAU8761234

Trọng Lượng: 35 Tấn

Thời Gian Lấy: 6-9-2021

Khối Lượng: 74.70 Km

Tổng Tiền: 6,376,000.00 VND

**Nhận Đơn**

**Đơn Hàng 6135c8a3bd4d1600209fddb8** **Đang Tìm Xe** **Đơn Lẻ**

Địa chỉ: Đường Bông Thanh Hiếu, Phường Phú Hữu, Quận 9, Thành phố Hồ Chí Minh, Việt Nam

Đích Đến: Mộc Bài, Lợi Thuận, Bến Cầu, Tây Ninh, Việt Nam

Loại Container: Truck40

Số Container: CMAU2341567 & MSCU2461357

Trọng Lượng: 40 Tấn

Thời Gian Lấy: 6-9-2021

Khối Lượng: 88.86 Km

Tổng Tiền: 7,508,560.00 VND

**Nhận Đơn**

**DANH SÁCH**

## E. INTERACTIVE PORTS/SHIP MANAGEMENT SYSTEM

- Update eDo information, bill of lading.
- Online tracking, monitoring cargo at port.
- management, issue, and update electronic delivery order.
- Reduce time, and cost
- Register for ebooking quickly, easy, and convenient.
- Checking the total of import/ export at terminal with real time.

Chào mừng đến với  
CẢNG CONTAINER QUỐC TẾ SP-ITC  
Chọn để chuyển cảng

VIETNAM SMARHUB LOGISTICS

CẢNG CONTAINER QUỐC TẾ SP-ITC

VN

TRANG TỔNG QUAN

DANH MỤC CHUNG

**Gia hạn lệnh**

NGÀY LỆNH TỪ: 2022-04-25 10:57:13

NGÀY LỆNH ĐẾN: 2022-04-29 10:57:15

LOẠI LỆNH: Nâng hạ

SỐ EDO: ITC21111129101

SỐ CONTAINER

Nạp dữ liệu

**Thông tin lệnh**

TÌM KIẾM CONTAINER

<input checked="" type="checkbox"/>	MRKU8661124	Hãng khai thác	CMA	Kích cỡ ISO	22G0
<input checked="" type="checkbox"/>	MSKU7460437	Trong lượng	2200	Ngày vào bãi	2022-01-15 12:00:00
<input checked="" type="checkbox"/>	PONU2029797	Chuyển nhập / xuất	MI1/MIS	Ghi chú	Container đăng ký lệnh giao cont
<input checked="" type="checkbox"/>	SUDU7832357	Số lệnh	211111000001	Số PIN	ITC21111129101-001
		Phương án	LAVN	Loại hàng	GP
		Hạn lệnh	2021-11-12 23:59:59	Gia hạn	2022-04-29
				Số ngày gia hạn	169

Chọn / Tổng cộng: 4 / 0

Tiếp theo

**Cập nhật EDO**

TỪ NGÀY: 2022-04-24 00:00:00 ĐẾN NGÀY: 2022-04-25 23:59:59

HÀNG KHAI THÁC: CMA; CMA CGM

MÃ SỐ EDO: MA0000102956

SỐ VẬN ĐƠN

TÌM KIẾM

Nhập Excel Xuất Excel

STT	Trạng thái	Mã lệnh (EDO)	Số vận đơn	Số Container	Hãng
1	Cont đã làm lệnh	MA0000102956	NAMS129135	CGMU5288459	CMA
2	Cont đã làm lệnh	MA0000102956	NAMS129135	TTNU8009933	CMA

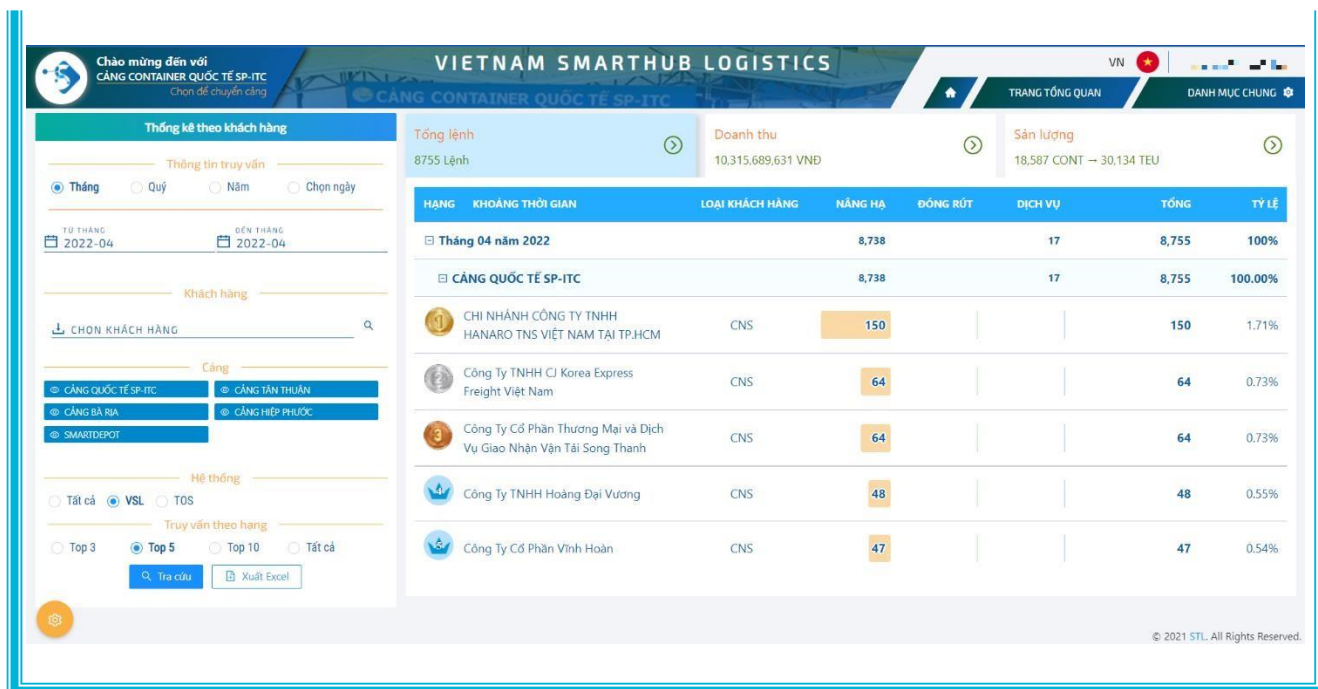
Số dòng: 2

- Online extension for order

## F. E-PAYMENT

- Connect payment with payment gateway (Napas, Viettel pay, Vnpay, ...)
- Payment by ATM
- Payment by internet banking





## THE BENEFITS OF BUSINESSES WHEN JOIN IN THE ECO-SYSTEM.

- Container terminal/ICD/Depot
- warehouse
- Shipping line
- Logistics company
- Fowarder company
- Insurance company
- Banking

## BENEFITS OF SHIPPER

- Interactive online service.
- Container information: history, pictures.
- Actively select empty container (assigned): with right size type, well located.
- Cost savings: Empty pick up/ drop off , transportation, printing, employee
- Monitoring, statistics, management of the transaction process.
- Limit waiting time at Port/ICD/Depot.
- Container Reuse inside the factory.
- Return container at the spot.
- Damage control.
- Customer open online banking accounts
- Granting credit up to 2 billion to use the above service on VSL.
- Support for import-export loans with simple procedures.
- Buy e-insurance.

## BENEFITS OF LINES

- Centralized data management.
- Flexible empty cont coordination.
- Reduced Empty detention time.

- Manage M&R, container deposit.
- Container information: history, picture.
- Improve customer service, VIP service.
- Issuance & adjustment of electronic documents.
- Control FIFO.
- Reduce management costs, increase revenue.

### **BENEFITS OF BANK, INSURANCE COMPANY**

- Available customers are interacting with the service.
- Blockchain application to authenticate Import-Export letter of credit (Letter of Credit - L/C).
- Issuance of electronic documents.
- Internal cash flow.
- Improve customer service.

**MUTUAL BENEFIT:** Save cost, time, improve service, increase revenue.

# APPLICATION OF BLOCKCHAIN TECHNOLOGY INTO THE ECOSYSTEM

## LETTER OF CREDIT GUARANTEE (LC)

Plan for commercial implementation of letter of credit (L/C) service using blockchain technology for business customers with import and export activities in the VSL Ecosystem.

L/C (Letter of Credit) service using blockchain allows to fully implement the entire documentary letter of credit business process, from issuance to presentation of documents under L/C on the same ecosystem on VSL.

This service also marks a new step of VSL in the roadmap of digital transformation of financial activities, namely digitizing products and services for import-export customers, optimizing customer experience.

The biggest difference between the blockchain application and the traditional processing is that the parties are allowed to participate in the instant update of the transaction status. VSL has connected 150 shipping lines worldwide, a strategic partner of Military Bank (MB). This not only ensures the integrity and transparency of information among stakeholders, but also significantly improves processing time and saves costs for the entire process of transaction processing and credit validation.

Currently, VSL has 7,500 interactive Import-Export enterprises operating. It is expected that by 2023, it will develop up to 20,000 enterprises in Vietnam and plan to expand to the region. The financial value guaranteed through the system is expected to be up to 250,000 billion VND.

## TOKEN – DOMESTIC AND INTERNATIONAL PAYMENTS TRANSACTION

Payment and payment conversion is an important link in the process of operating domestic and international logistics chains. VSL token was created to authenticate financial transactions and convert service payment value between Port - Shipping Line - Shippers - Transport. Solve the problem of payment authentication, in order to facilitate convenience, ease, safety, security and cost savings.

Developed on the Binance Smart Chain (BSC) platform. VSL tokens play an important role in VSL's ecosystem, present in most payment authentication methods, helping to link services of the worldwide Logistics industry together.

Issuing VSL Tokens goes hand in hand with the development and expansion of the cross-border VSL ecosystem. Completing the Vietnam Smarthub Logistics ecosystem, creating core values of liquidity. Help the value of VSL Token increase higher when the VSL Ecosystem explodes in revenue.



## DETAILS INFORMATION ABOUT VSL TOKEN

- Tokens code: VSL
- Blockchain: Binance Smart Chain (BSC)
- Smart contract: 0x183289949a392b19f29f18f579bdd32cacca4a77
- Type of token: stock, Transactional token (transaction)
- Total supply: 100,000,000 VSL

## CONTACT INFO

- **Phone :** +84901.922.022 (zalo, viber, telegram)
- **Email :** [Info@vsl.finance](mailto:Info@vsl.finance)
- **Office :** 51-53 Duong Van An, An Phu Ward, Thu Duc City, Ho Chi Minh City, Vietnam.
- **Website:** [vsl.finance](http://vsl.finance)

# DISTRIBUTION OF TOKENS

When deciding how to best decentralize ownership of VSL, we found that outside of the VSL founding team and investors should own the majority of the token. As a result, community and ecosystem partners will receive 72%, Founders and main development team will receive 28% of Token production. Tokens will be distributed proportionally:

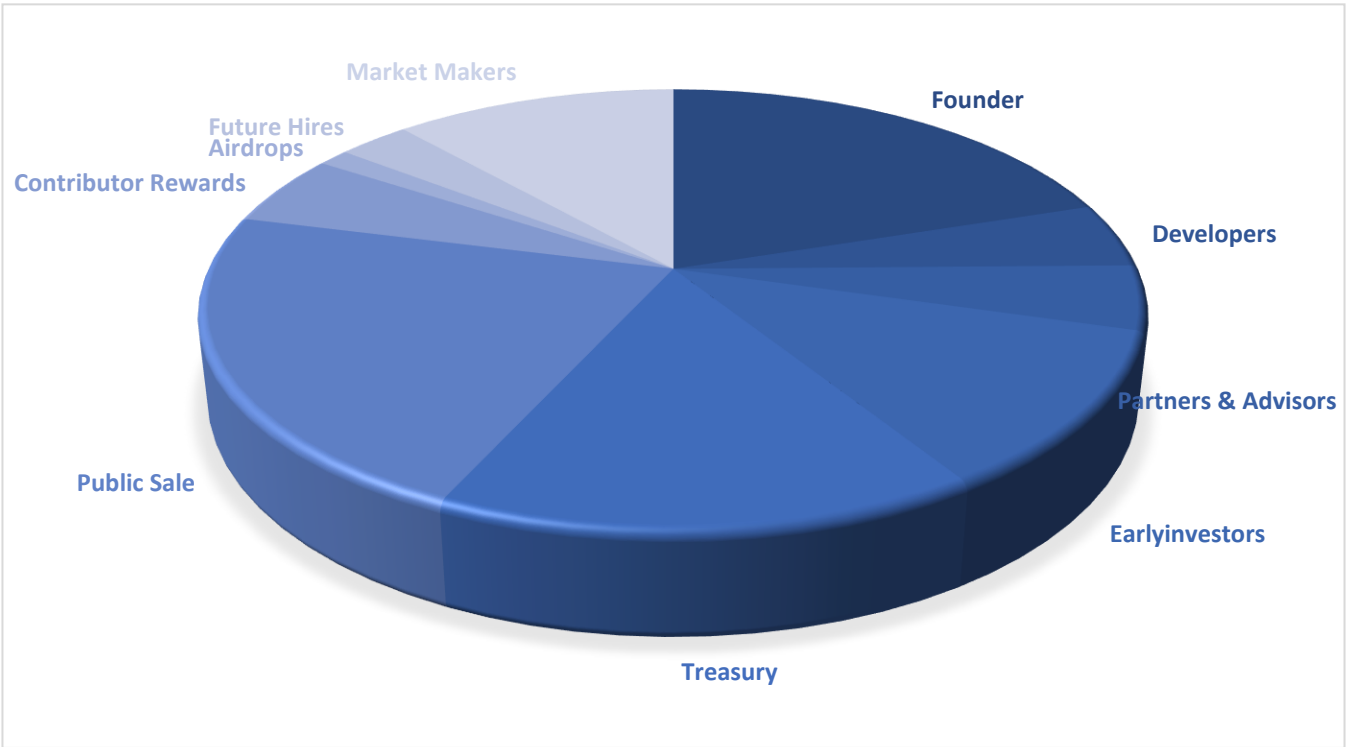
Total supply:	100,000,000 VSL	Delivery time:	10 years
Liquidity:		Initial market capitalization:	\$13,000,000
Listed price:			

- 28% (28,000,000 VSL) to **core team** (foundation, devs, partners, advisors)
  - 19% (19,000,000 VSL) for founder
  - 4,5% (4,500,000 VSL) for devs
  - 4,5% (4,500,000 VSL) for partners, advisors

- 11% (11,000,000 VSL) **early investors** (internal distribution) ●

61% (61,000,000 VSL) for **ecosystem development** at below:

- 20% (20,000,000 VSL) for treasury
- 21% (21,000,000 VSL) for public sale
- 5% (5,000,000 VSL) for contributor rewards
- 1,2% (1,200,000 VSL) for airdrops
- 2,8% (2,800,000 VSL) for future hires (team)
- 11% (11,000,000 VSL) for market makers



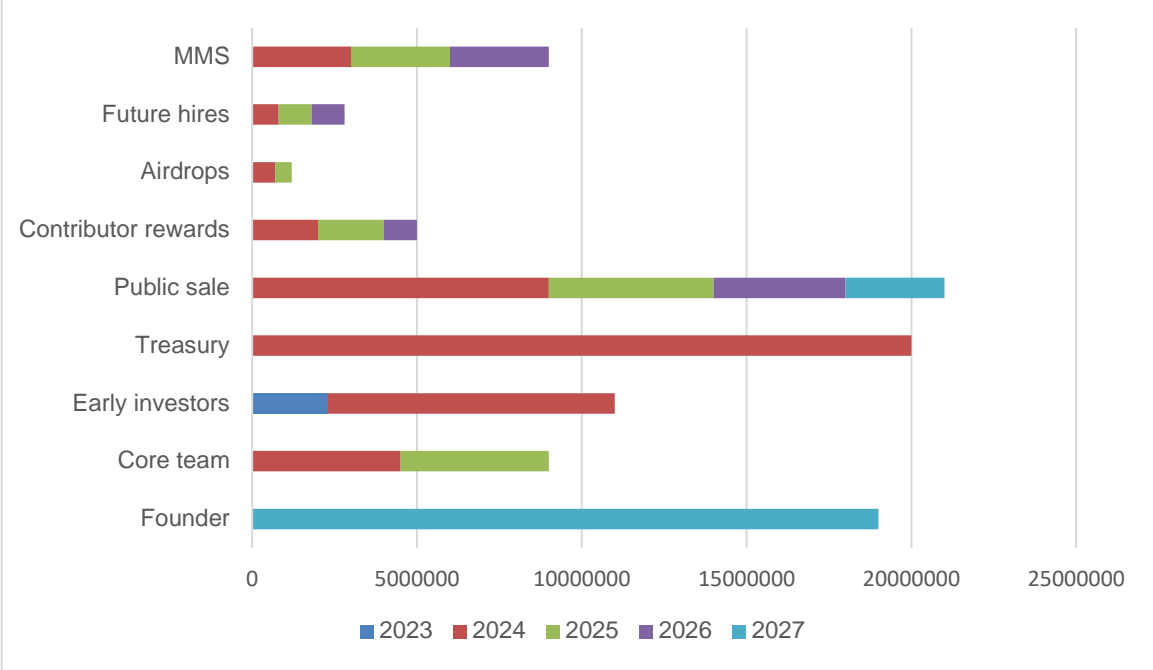
- **Expected ICO : 01-11-2023**

## VSL TOKEN INSTALLATION PLAN 2022

	TOKEN ISSUANCE TIME	LOCK	NUMBER OF TOKEN ISSUED
PRE-ICO	Finish <b>07/05/2022</b>	No	2,300,000
ICO (ROUND 1)	Start 01/11/2023 Finish 31/12/2023	12 months	4,000,000

- Pre-ICO round is not locked wallet, locked for 12 months with ICO round.
- Liquidity of VSL will be announced on DEX.
- SmartContract announced on BSC of Binance.

TOKEN ISSUANCE SCHEDULE



	FOUNDER	CORE TEAM	EARLY INVESTORS	TREASURY	PUBLIC SALE	CONTRIBUTOR REWARDS	AIRDROPS	FUTURE HIRES	MMS
TOTAL TOKEN	19,000,000 (19%)	9,000,000 (9%)	11,000,000 (11%)	20,000,000 (20%)	21,000,000 (21%)	5,000,000 (5%)	1,200,000 (1,2%)	2,800,000 (2,8%)	11,000,000 (11%)
2022			2,300,000			2,000,000			
2023		4,500,000	8,700,000	20,000,000	9,000,000	2,000,000	700,000	8,000,000	3,000,000
2024		4,500,000			5,000,000	2,000,000	500,000	1,000,000	3,000,000
2025					4,000,000	1,000,000		1,000,000	3,000,000
2026	19,000,000				3,000,000				2,000,000

## **INSTRUCTIONS FOR OPENING Wallets**

- Metamask wallets
- Network Name (Tên mạng): Smart Chain
- New RPC URL (URL RPC mới): <https://bsc-dataseed.binance.org/>
- ChainID: 56
- Symbol: BNB
- Block Explorer URL: <https://bscscan.com>
- Contract: 0x183289949a392b19f29f18f579bdd32cacca4a77
- Decimals: 18

After has BNB.

- Add Token
- Fill in wallet: 0x183289949a392b19f29f18f579bdd32cacca4a77
- Decimals: 18
- Token: VSL (Default)

## **HOW TO INVEST**

- Investor transfers BNB to wallet: 0x183289949a392b19f29f18f579bdd32cacca4a77
- Banking account: 999 0136 999 999 (MB BANK)
- Account name : Ta Minh Vang

## OUR ACHIEVEMENTS

TIME	EVENT	DETAIL
Q1-2018	Complete a survey of professional requirements for seaport groups (including IDC and Depot, shipping lines, forwarding companies, ocean and inland shipping groups, and customs groups.	
Q2-2018	Complete professional documents on cashless, paperless booking systems, advance reservations, payment gateways, electronic documents and microservices.	
Q3-2018	Completing microservices system architecture, technology architecture as the foundation of other applications such as EDI (Electronic Data Interchange), EDO (Electronic Delivery Order), Multi-Port Database Integration System , shipping lines, transportation, customs, banks...	
Q1 -2019	Finalize the UI design of the VSL ecosystem, including online processes and services for ports, shipping companies and shipping lines.	
Q2-2019	Officially operating the national payment gateway MB-NAPAS Integrate to issue e-invoices VNPT	
Q4-2019	Application link with EDI / EDO với 16 hãng tàu: MAE, MSC, CMA, OOCL, TSL, CKL, EMC, ESL, CUL, GMD, VLC, VOL, HMM, HPL, HJS, ONE	
Q2-2020	Implement integration of online customs liquidation registration according to Circular 39 / BTC-TT and KH4098TCHQ-KH	
Q3-2020	Integrating SP-ITC international port, operating 7-service Process for the first time in Vietnam.	Container delivery order Empty Container delivery order Laden Drop off container order Empty Droff off container order Stuffing order Other services order
Q2-2021	Integration of Tan Thuan 1 port, Saigon Hiep Phuoc port and Ba Ria - Vung Tau port of Saigon Port	

Most of the seaports in  
Vietnam integrate and  
deploy the VSL  
Ecosystem

Gemadept Joint Stock Company (integrated Smartport), SP-ITC International Container Terminal, Saigon Port (3 Ports), followed by many domestic and international ports of Vietnam, of diverse sizes have participated and are using the VSL ecosystem. Form the largest logistics organization in Vietnam sharing access to the latest technology updates and real-time databases.

VSL has connected the GIL joint venture (CMA CGM Group - France and ITC Corporation) to integrate management, operation, supervision, and upgrade online services for barge route between Cai Mep Ba Ria Vung Tau area & Ho Chi Minh City.

## PROJECT IMPLEMENTATION ROAD

We are fully dedicated to meeting our development goals ahead of time and providing final framework and feature support for VSL Token.

TIME	EVENT	DETAILS
<b>Q1 2022</b>	<b>Welcome Pre-ICO</b>	
<b>Q2- 2022</b>	<b>Deploying the container yard operation system.</b>	Optimize the management of container positions on the yard. Compare the plan to register as an order of the shipper, the exploitation situation at the yard. Automated scheduling to facilitate quick release of cargos, minimizing waiting time.
<b>Q2-2022</b>	<b>Connecting online Customs services</b>	Associated with the e-customs program of the General Department of Vietnam Customs.
<b>Q2-2022</b>	<b>Register for an extension of the shipping line order.</b>	Customers can request order renewal online 24/7 and pay fees through VSL's online portal for the Shipping Line. VSL will be able to verify and renew the Container according to the regulations of each Shipping Line. Then sync the data to the Port, change the renewal to new date.
<b>Q3-2022</b>	<b>Insurance integration</b>	Acting as an intermediary ecosystem, VSL integrates applications to enhance customer service, Insurance (Buy cargo insurance online)
<b>Q1-2023</b>	<b>Smart Gate: OCR System</b>	The OCR system is designed and built based on artificial intelligence (AI), automatically recognizes and records information of vehicles and drivers passing through the Gate, Pier with high accuracy, and integrates compatible with TOS (seaport management system) in real time. In order to replace people to handle container delivery operations at the Gate and Quay.



Q2-2023	<b>Intelligent Transport Application (similar economic sharing model to Uber/Grab)</b>	Inheriting the database from the VSL Ecosystem, SLT Company continues to develop the VSL Smart Trucking application - the first sharing economy model application for container trucks, specifically developed for the Logistics sector. The estimated revenue for one year is 57 million USD.
Q1-2024	<b>Blockchain application Cooperation with Contour Company Singapore and Military Bank (MB).</b>	Integrating Blockchain to provide a Letter of Credit (Letter of Credit) authentication application to customers around the world. Minimize the time of steps as present. Just authenticate on VSL to complete the letter of credit.
Q4-2023	Implemented at 30 Ports	Smart Gate, Container Maintenance and Repair (M&R), Warehouse - Container Freight Station (CFS)
Q1-2024	<b>VSL Token Officially Used as Payment Currency VSL Ecosystem and VSL Smart Shipping in Crypto- Accepting Countries</b>	When the VSL ecosystem is officially deployed in many parts of the world, VSL Token will be a legal currency for trading and storing value in the VSL community in countries that accept cryptocurrencies. It is expected that by Q1/2024, VSL Ecosystem will be deployed to many ports and shipping lines around the world. Especially in Asia.
Q1-2024	<b>Smart Warehouse</b>	Developing smart warehouses for 520 storage facilities in Vietnam.
Q2-2024	<b>VSL Token</b>	Applying tokens in Port - transportation transactions.
2025	<b>Integration</b>	Successfully integrated with 150 shipping lines worldwide.
2030	<b>International Trading Center</b>	Establishing an international commercial trading center, conducting transactions through VSL Token.

\* The timelines may vary depending on the development plan. The feature can be upgraded according to the actual requirements of the units participating in the ecosystem.

From 2024, VSL plans to complete the integration of Catos (Total Softbank) with a scale of more than 300 ports worldwide.

Deploying Import-Export Letter of Credit (Letter Of Credit) authentication in Asia, Europe, and America.

Implement integrated system of barge for inland waterways of Vietnam.

Deploy customer support features for shipping lines

Expanding Smart Trucking (a sharing economy model similar to Grab) to Southeast Asia, gradually conquering the worldwide logistics industry.

# TEAM & ADVISERS

## 1. FOUNDER



**TA MINH VANG**

## 2. CORE TEAM



**NGUYEN ANH VIET**

- FINANCE DIRECTOR
- Doctor philosophy of Informatics - Faculty of Electrical & Informatics - Budapest University of Technology & Economics.
- Bachelor of Project Management - Budapest College of Finance and Accounting.
- Chairman of Viet Source Company.



**TRAN NGOC QUOC**

- IMPLEMENTATION & PROFESSIONAL TRAINING VSL
- Deputy Director of CEH SOFT
- Port Management Training & Implementation Specialist.
- Development of Port Operating System (TOS - Terminal Operation System). Deployed on 15 ports in Vietnam



**NGUYEN THIEN SANG**  
SYSTEM ARCHITECTURE DESIGN

- GIANT SWING PRODUCTIONS co, ltd (System & Application Development Manager).
- Infrastructure design and implementation / monitoring for NSSOL, NEC, KDDI, Softbank.
- Building and operating the call center system of Nomura Corporation.



**NGUYEN THI NGOC LAN**  
MARKETING DIRECTOR

- Customer director of Starview Vietnam LTD.
- Sales Director of Sao Bac Dau Telecom.
- Engineer of Electronics and Telecommunications - Hanoi University of Science and Technology.



**VUONG HOANG PHUC**  
TECHNOLOGY & MARKETING

- Building and developing an overall digital marketing and e-commerce system.
- Build and develop marketing automation.
- Digital marketing specialist.



**PHAN THI CAM**

- MANAGEMENT OF ELECTRONIC DOCUMENTS
- FO Manager ITC Corp. - SPITC International Port
- Supervise shipping lines EDO, Billing, EDI 31 integrated with SP ITC International Port, Tan Thuan Port, Ba Ria Port, Hiep Phuoc Port.
- Training seaport personnel in the field of accounting, statistics, data.

## ADVISER TEAM



**PHI ANH TUAN**  
PROJECT CONSULTATION

- Vice President of Ho Chi Minh City Computer Association HCA.
- Deploy management information system, ERP, SCM, CRM.
- Lecturer of MIS Management Information System under CMU program - Van Lang University.
- Lecturer majoring in management information systems, University of Economics.



**KEVIN HANH**  
ECOSYSTEM DEVELOPMENT  
ADVISOR

- Operations TSLine.
- Southeast Asia Ship Coordinator, Empty Container M&R.



**DINH DINH NHAN**  
TECHNOLOGY & MARKETING

- Head of Biz Consulting Department of Sao Bac Dau Telecom.
- Project Director of Cybersecurity Research and Training Institute ICSO.



**NGUYEN DUC THUAN**  
ECOSYSTEM DEVELOPMENT ADVISOR

- Operation CKLine train.
- Establishing vessel plans for ports in Vietnam.
- Coordinating container operations for goods exported from Vietnam to Asia.



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Real-time data over: vsl.finance

# ABBREVIATIONS

- FTAs: Free trade agreement.
- API: Intermediate data integration application.
- EDO: Electronic delivery order of the Shipping Line.
- eEIR: Electronic delivery record at the port.
- eDOC: Electronic documents.
- EDI: Electronic data exchange.
- ERP: Enterprise Resource Planning