



# IMPLEMENTATION OF BLOCKCHAIN SMART CONTRACTS - A USE CASE FOR INVESTMENT

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12<sup>th</sup> Annual ICT Day, (FinTech)

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# ABOUT ME

- Blockchain Developer.
- Lead Developer of InventoryClub Project.
- Team leader & co-founder of Inspire IT solutions.

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# INVENTORYCLUB

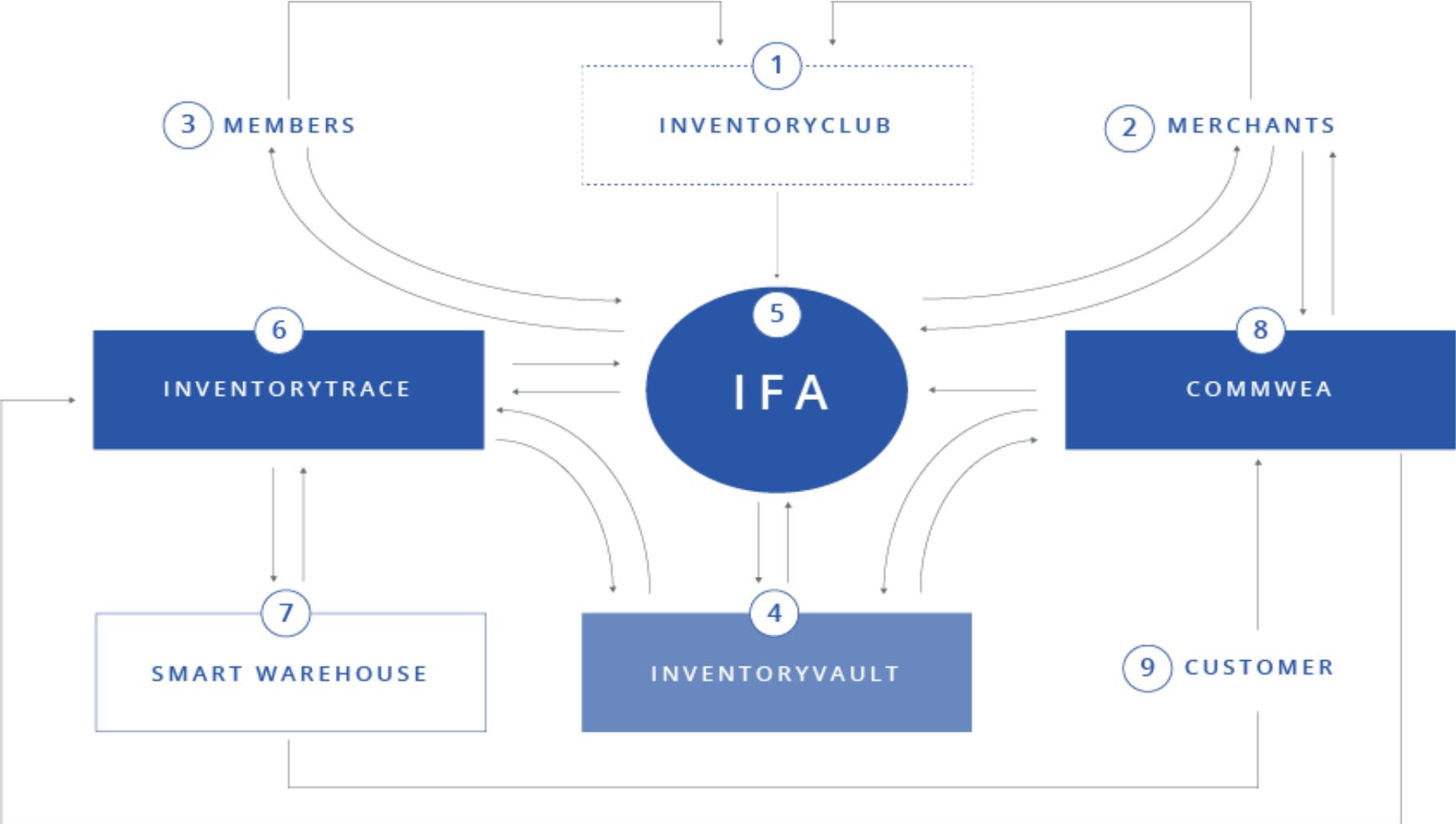
- A peer-to-peer inventory financing system that enables online merchants to access inventory without the need to go through financial institutions

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# INVENTORY FINANCE AGREEMENT

- **IFA** is a smart contract designed to facilitate, verify or enforce the performance of contract between the member and the merchant
- **Each** time a sale is recorded, the smart contract is executed and splitting money between member and merchant
- **Once** created the rules governing the IFA cannot be alerted and the smart contract is recorded on the InventoryVault (Blockchain)

# ECOSYSTEM



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# HOW IT WORKS

## MEMBERS



Browse  
Proposals



Buy Chosen  
Proposal



IFA Generated



Customer  
Buys Product

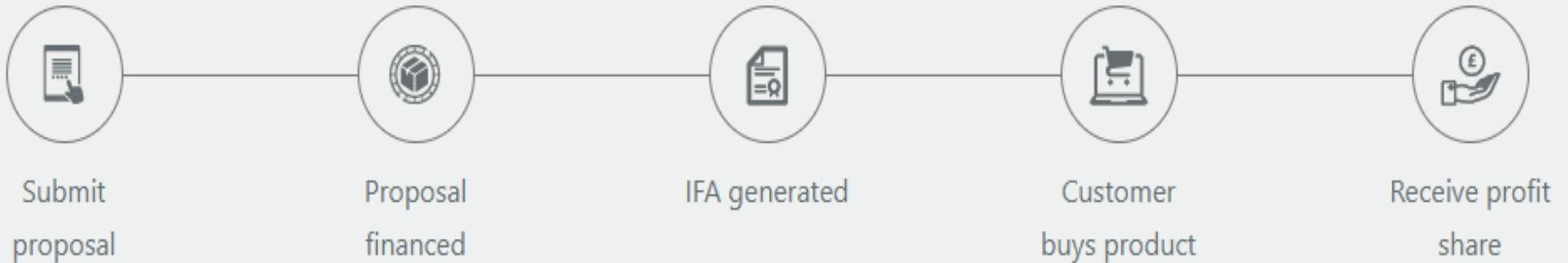


Receive Profit  
Share

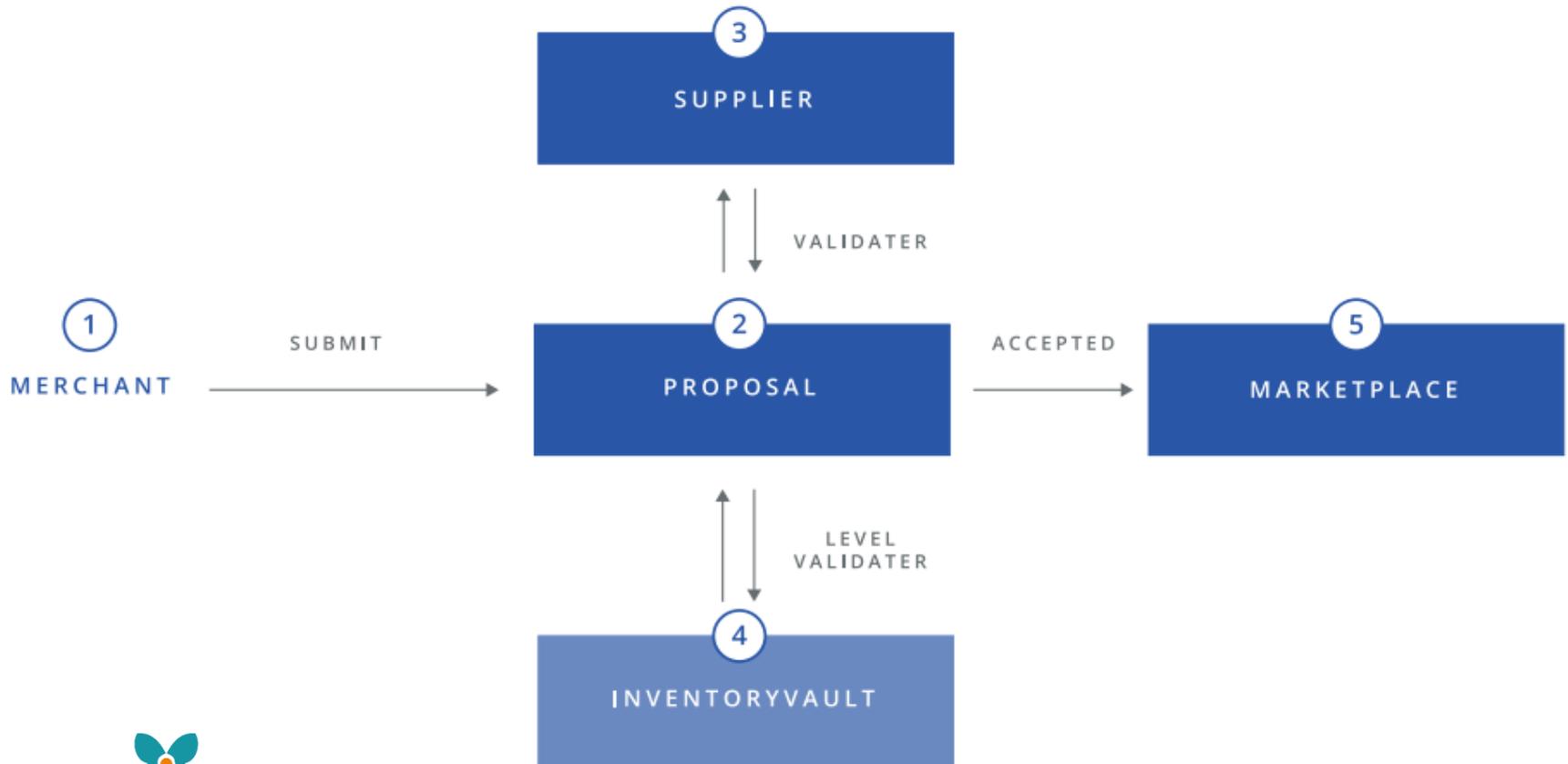
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# HOW IT WORKS

## MERCHANTS



# TRADING IN THE IC



# INVENTORY FINANCE AGREEMENT

## Inventory Finance Agreement

### 1. PARTIES

Merchant:

Merchant ID: 993ddee3909648fcaf5c40ea90fbd873

Member:

Member ID: a0181283960d49b5a5dfccff047a74a7

### PRODUCT

Nike Air Max 95 Essential

Category: Men's Trainers

Consumer Group: Men

### FINANCE

Quantity: 1	Timeframe: 1 Month
Unit Cost: £46.00	Retail Price: £116.00
Total Proposal Value: £46.00	Total Retail Value: £116.00

### Payment Terms

Below are the scenarios that govern the payout terms of this Inventory Finance Agreement. Please read each one carefully as the payout terms cannot be altered once accepted.

#### Finance Overview

Unit Price	£46.00
Retail Price	£116.00
Profit	£70

#### Within Timeframe

Provided the sale of a product from this IFA is sold within the specified timeframe the funds from the sale will be split in the following way per unit sale:

	MEMBER	MERCHANT
Unit Price (initial investment)	£46.00	-
Share of Profit (%)	35%	65%
Share of Profit (£)	£24.5	£45.5
Total Payout	£70.5	£45.5

# INVENTORY FINANCE AGREEMENT

### 3. PURCHASE PROPOSAL

PROPOSAL ID:	P407a26814cf443638a64dd9d09fc25b
PROPOSAL NAME:	Nike Air Max 95 Essential
UNIT PRICE:	£46.00
QUANTITY:	1
SUBTOTAL	£46.00
ADMIN FEE @ 5%	£2.30
TOTAL	£48.30
TOTAL TO PAY IN VNT	539.66 VNT

- I have read and agree with the terms of this Inventory Finance Agreement (IFA).
- I have read and agree with the InventoryClub terms and conditions.

#### CHECKOUT

[Pay Now!](#)

#### Grace Period

If the timeframe specified by the merchant is exceeded then there will be a grace period of up to 5 months. Every month past the expiry date the merchant will forfeit 20% of their total profit, which will be added to the members profit. The funds will be split in the following way per unit sale:

#### Grace Period Month 1

	MEMBER	MERCHANT
Unit Price (initial investment)	£46.00	-
Share of Profit (%)	48%	52%
Share of Profit (£)	£33.6	£36.4
Total Payout	£79.6	£36.4

#### Grace Period Month 2

	MEMBER	MERCHANT
Unit Price (initial investment)	£46.00	-
Share of Profit (%)	61%	39%
Share of Profit (£)	£42.7	£27.3
Total Payout	£88.7	£27.3

#### Grace Period Month 3

# INVENTORY FINANCE AGREEMENT

## Inventory Finance Agreement

[IFA Portfolio](#)

[IFA Product Sales](#)

[InventoryClub](#) / [My IFAs](#) / [IFA Product Sales](#)

### IFA Overview

IFA IV ID: 1fa86a8f069554ba09609268428dc768

Merchant: Canio

Merchant Id: 46a76dd3a061485698a481dfbc0daa52

Member Id: a0181283960d49b5a5dfccff047a74a7

Product: Geox J Xunday Lace Up Hi-Top Shoes

Category: Girl's Boots

Consumer Group: Girls

Purchase Date: Nov 26, 2018

Contract Start Date: Nov 26, 2018

Term: 1 Month

Remaining: 30 Days

[Payment Terms](#)

### Financial Details

Unit Cost: £15.00

Retail Price: £46.00

Merchant Profit: 20%

Member Profit: 80%

Quantity: 4

### IFA Items

DATE RECIEVED	ASSET ID	SKU	STATUS
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# INVENTORY FINANCE AGREEMENT

## Blockchain Explorer

Smart Contracts

### Statistics

4

Number of Versions

0

Total Number of Runs

Nov 27, 2018

Last Updated On

### Ifa Completion Smartcontract

Created On	Nov 27, 2018
Version	4
Change log	This is the initial version of IFA completion smartcontract
Number of Runs	0

[View Code](#)



THANKS

