

Supply Tracking





Creating a Farmer Profile

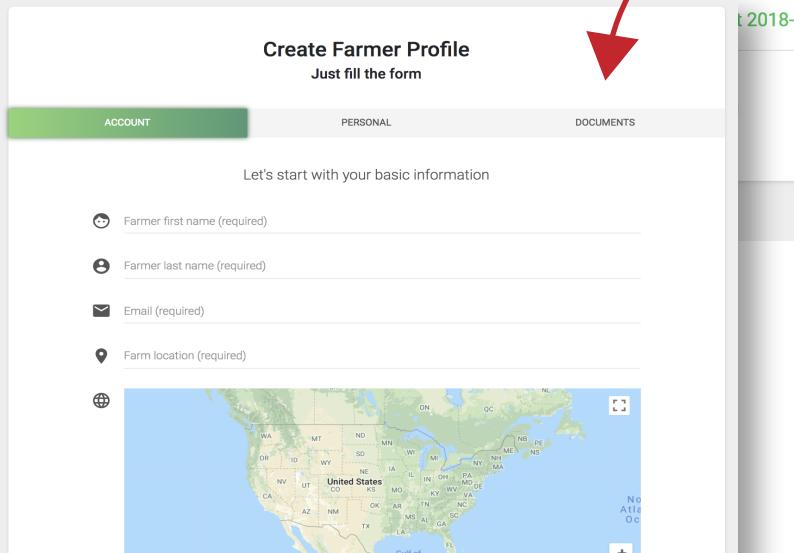


HELP LOGOUT

Home / Farmers

1. Click on "add new" button

FARMERS

NAME	ADDRESS	FILES	ACTIONS
John Snc			+ ADD NEW

Screen Shot 2018-03-05 at 2018-03-06

Create Farmer Profile
Just fill the form

ACCOUNT

PERSONAL

DOCUMENTS

Let's start with your basic information

Farmer first name (required)

Farmer last name (required)

Email (required)

Farm location (required)



NEXT

Create Farmer Profile
Just fill the form

ACCOUNT

PERSONAL

DOCUMENTS

Any information, that you wish to provide can be added here

Option (required) age

Value (required) 33

Option (required) phone

Value (required) 333-333-33-33

+ ADD

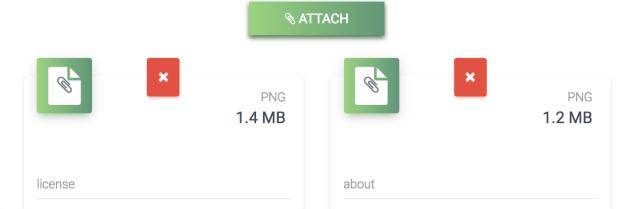
NEXT

3. Add additional information in the form (if required)

Create Farmer Profile
Just fill the form

ACCOUNT PERSONAL DOCUMENTS

Please attach your supporting documents here





4. Upload Profile Files.
You can change the file name here by clicking on it

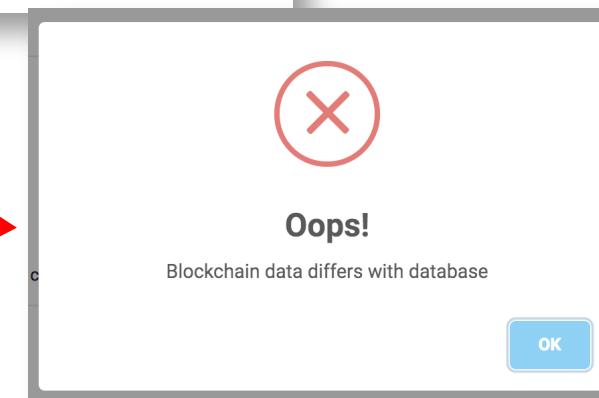
5. After creating a profile on the site, all data is stored on the blockchain through the use of smart-contracts.



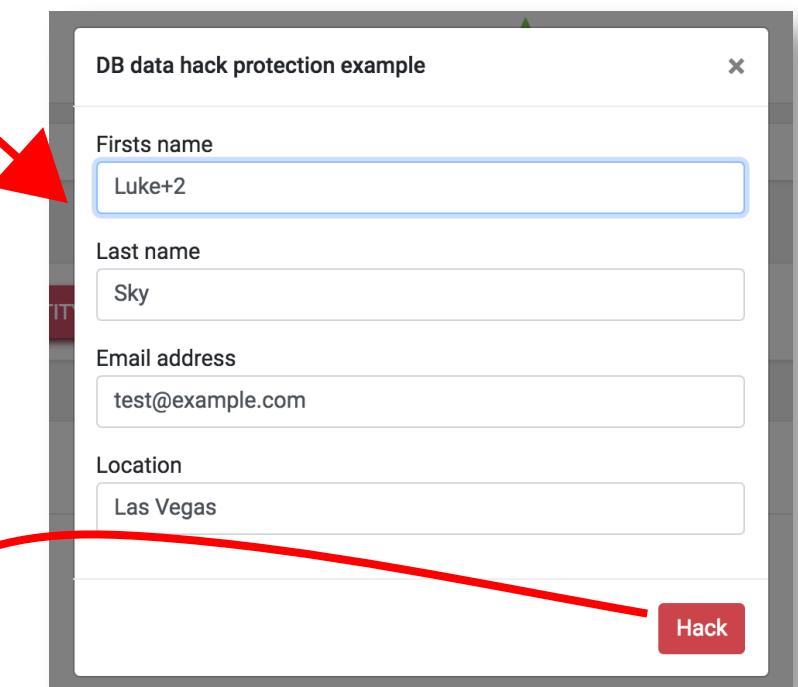
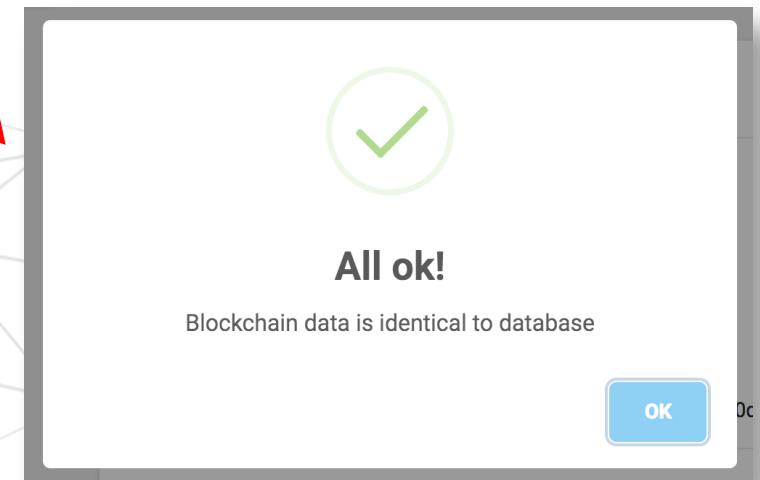
2. Fill in the main fields



Farmer Profile Page



On the farmer profile page, you can view all the saved data and verify data validity by comparing it to the blockchain data.





Creating a Harvest

Farmers

PARAGON

HELP LOGOUT

Home / Farmers / Luke Sky

CHECK DATA IDENTITY HACK DATA

HARVEST + ADD NEW

PROFILE EXPERTISE RESULTS BLOCKCHAIN

Contract Farmers Laboratories Transactions Harvests list Expertise list

Start creating a harvest on the farmer profile page

Harvest
Tell us more about your harvest

CREATE

Let's start with the basic information (with validation)

Strain Harvested (required)	Number of Plants (required)		
Weight measurement			
Wet Plant	kg	Wet Trim	kg
Wet Flower	kg	Dry Trim	kg
Dry Flower	kg	Seeds	
Total Usable Flower	kg	Total Usable Trim	kg

FINISH

Home / Farmers / Luke Sky / Saa407e6b5b5f9179485476bff2dd2f

HARVEST EXPERTISE RESULTS BLOCKCHAIN

Status: ✓ Confirmed!

Farmer: Luke Sky
Farmer address: Las Vegas, Невада, Сполучені Штати Америки

Harvest

Strain Harvested: some name
Number of Plants: 12
Wet Plant: 12 kg
Wet Trim: 0 kg
Wet Flower: 5 kg
Dry Trim: 8 kg
Dry Flower: 14 kg
Seeds: 4
Total Usable Flower: 0 kg
Total Usable Trim: 6 kg

PRINT LABEL PASSPORT

Grower profile

Name: Luke Sky
Address: Las Vegas, Невада, Сполучені Штати Америки
age: 33
phone: 333-333-33-33
Files:
license.png (1.32 Mb)
about.png (1.14 Mb)

Harvest

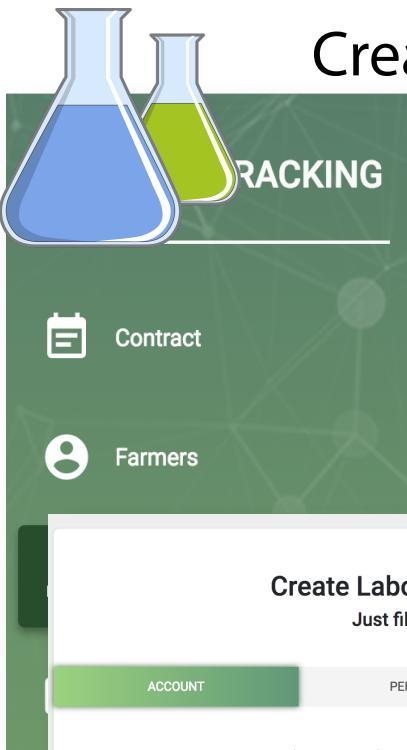
Strain Harvested: some name
Number of Plants: 12
Wet Plant: 12 kg
Wet Trim: 0 kg
Wet Flower: 5 kg
Dry Trim: 8 kg
Dry Flower: 14 kg
Seeds: 4
Total Usable Flower: 0 kg
Total Usable Trim: 6 kg

DECLARED AT: 10.03.2018

Blockchain Diagram

After creating a harvest on the site, all data is stored in the blockchain (using smart contract)

Creating a Lab



1. Click on "add new" button

Laboratories

PARAGON

HELP LOGOUT

Home / Laboratories

LABORATORIES

+ ADD NEW

CREATE LABORATORY PROFILE
Just fill the form

ACCOUNT PERSONAL DOCUMENTS

Let's start with your basic information

Laboratory name (required)

Laboratory location (required)

Google Map of North America showing state/province boundaries.

NEXT

2. Fill in the main fields

Create Laboratory Profile
Just fill the form

ACCOUNT PERSONAL DOCUMENTS

Please attach your supporting documents here

ATTACH

license

PNG 1.8 MB

BACK FINISH

4. Upload your supporting documentation here.

Create Laboratory Profile
Just fill the form

ACCOUNT PERSONAL DOCUMENTS

Any information, that you wish to provide can be added here

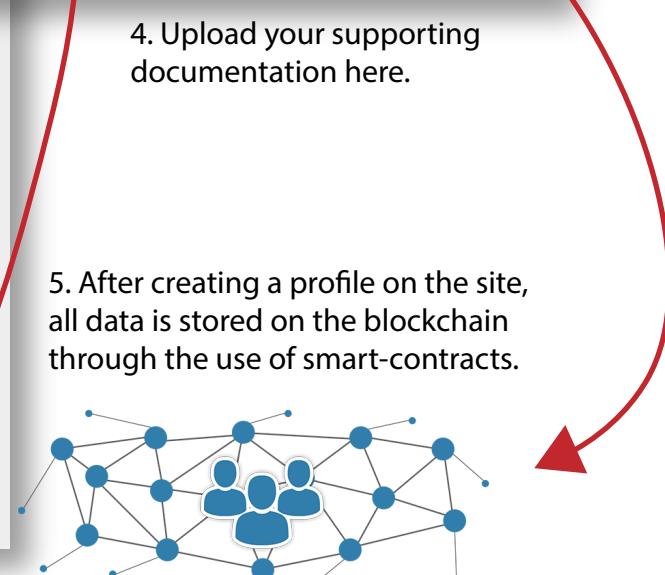
Option (required)
some option

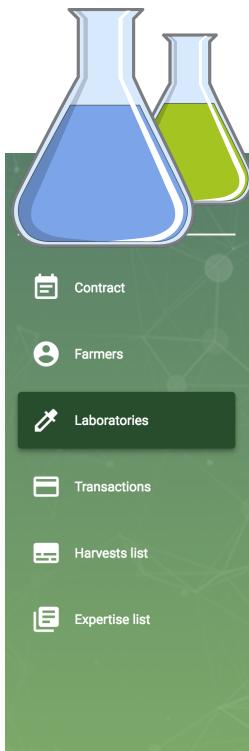
Value (required)
some value

+ ADD

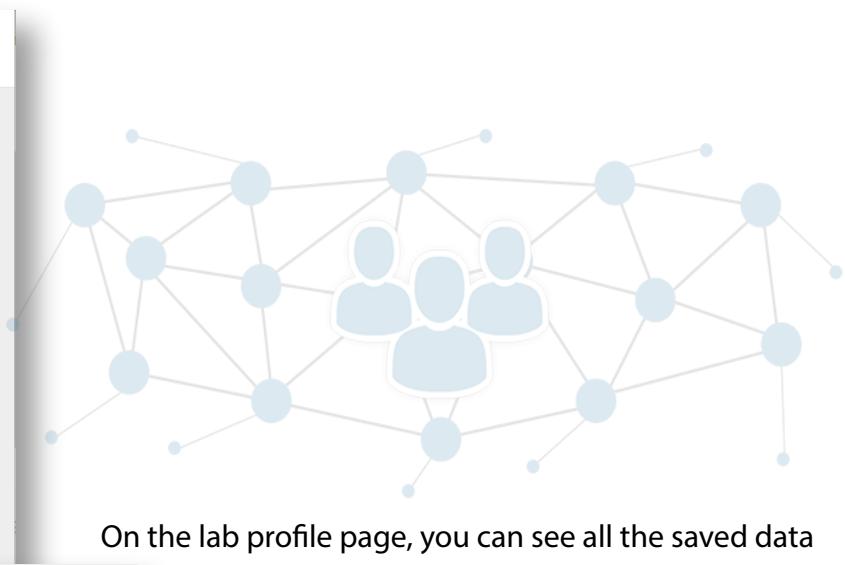
BACK NEXT

3. Add additional information in the form (if required)





Lab Profile Page



On the lab profile page, you can see all the saved data

The Lab can issue its report expertise, the process is explained on the next slide.

Creating an Expertise



PARAGON

HELP LOGOUT

Home / Laboratories / Umbrella

PROFILE EXPERTISES + ADD NEW

Start creating a harvest on the farmer profile page

PUBLISH LABORATORY RESULTS

CREATE

Required lab and batch information

Lab name: Umbrella

Lab address: Huntington Beach, Каліфорнія, Сполучені Штати Америки

Manufacturer (required)

Harvest (required)

Laboratory conclusion (required)

FINISH

HARVEST FARMER FARMER LOCATION ACTIONS

Harvest1 John Snow Laval

BLOCKCHAIN

After creating a lab result expertise on the site, all data is stored on the blockchain through the use of smart-contracts.

Home / Laboratories / Umbrella / Expertise: #5aa41b697ac70003862274628ce7ab0d

EXPERTISE BLOCKCHAIN

Status: Pending... (0xb257dc01603595832912a93ac71d772d38718166c9d4d2d956138c21f9ddb20)

Laboratory: Umbrella

Lab address: Huntington Beach, Каліфорнія, Сполучені Штати Америки

Harvest

Expertise UID: #5aa41b697ac70003862274628ce7ab0d

Created At: 2018-03-10 17:52:41

Conclusion: lorem ipsum

Harvest UID: #5aa27bcf44bbf713074550aed4126a78

PRINT LABEL PASSPORT

Scan QR code and get access to your blockchain data

Umbrella (10.03.2018)

Conclusion

lore ipsum

Laboratory profile

Name: Umbrella
Address: Huntington Beach, Каліфорнія, Сполучені Штати Америки
some option: some value
Files:
[license.png \(1.69 Mb\)](#)



Grower profile

Name: John Snow
Address: Laval, Квебек, Канада
option: value
option2: value2
Files:
[first.png \(1.21 Mb\)](#)
[second.png \(22.72 Kb\)](#)



Harvest

Strain Harvested: Harvest1
Number of Plants: 12
Wet Plant: 12 lbs
Wet Trim: 0 lbs
Wet Flower: 67 lbs
Dry Trim: 56 lbs
Dry Flower: 0 lbs
Seeds: 14
Total Usable Flower: 1 lbs
Total Usable Trim: 45 lbs

Smart Contract (Data recovery)

The dashboard features a sidebar with links for Contract, Farmers, Laboratories, Transactions, Harvests list, and Expertise list. The main area displays a network graph of users and a list of smart contract logs. A red arrow points from the "DELETE ALL DATA FROM DB" button to the "RESTORE DATA FROM BLOCKCHAIN" button on the right.

Contract Logs:

- SMART CONTRACT LOGS 0XD8C4D20F898DFBCFF9EB97BEFA6B1DE8F857CE50
- Main Contract
- Growers Storage
- Raw Materials Storage
- Labs Storage
- Expertises Storage

Buttons:

- DELETE ALL DATA FROM DB
- RESTORE DATA FROM BLOCKCHAIN

To imitate data loss click on "**DELETE ALL DATA FROM DB**" button

For data restore click on "**RESTORE DATA FROM BLOCKCHAIN**" button

The Etherscan interface shows the latest 3 transactions for the smart contract. A red arrow points from the "Transactions" tab to the "Latest 3 txns" table.

TxHash	Block	Age	From	To	Value	[TxFee]
0xd6b5fa2f9e490b7...	2164946	13 mins ago	0x01405cb30d74a7...	0xa7948f0c7a4d6ce...	0 Ether	0.0095416
0xed5daaaf6284bd0...	2164341	2 hrs 28 mins ago	0x01405cb30d74a7...	0xa7948f0c7a4d6ce...	0 Ether	0.0230428
0xf61650d0714f86b...	2163880	4 hrs 7 mins ago	0x01405cb30d74a7...	Contract Creation	0 Ether	0.00772016

On the main page you can expand the logs that are created when the smart contract adds data to the blockchain.

If data for farmers, laboratories, harvests and labs is lost, it can be restored from the blockchain data.

The dashboard now shows restored data counts: Recovered growers: 3, harvested: 3, labs: 3, expertises: 4. A red arrow points from the "RESTORE DATA FROM BLOCKCHAIN" button to the restored data counts.

Recovered data:

- Recovered growers: 3
- harvested: 3, labs: 3, expertises: 4