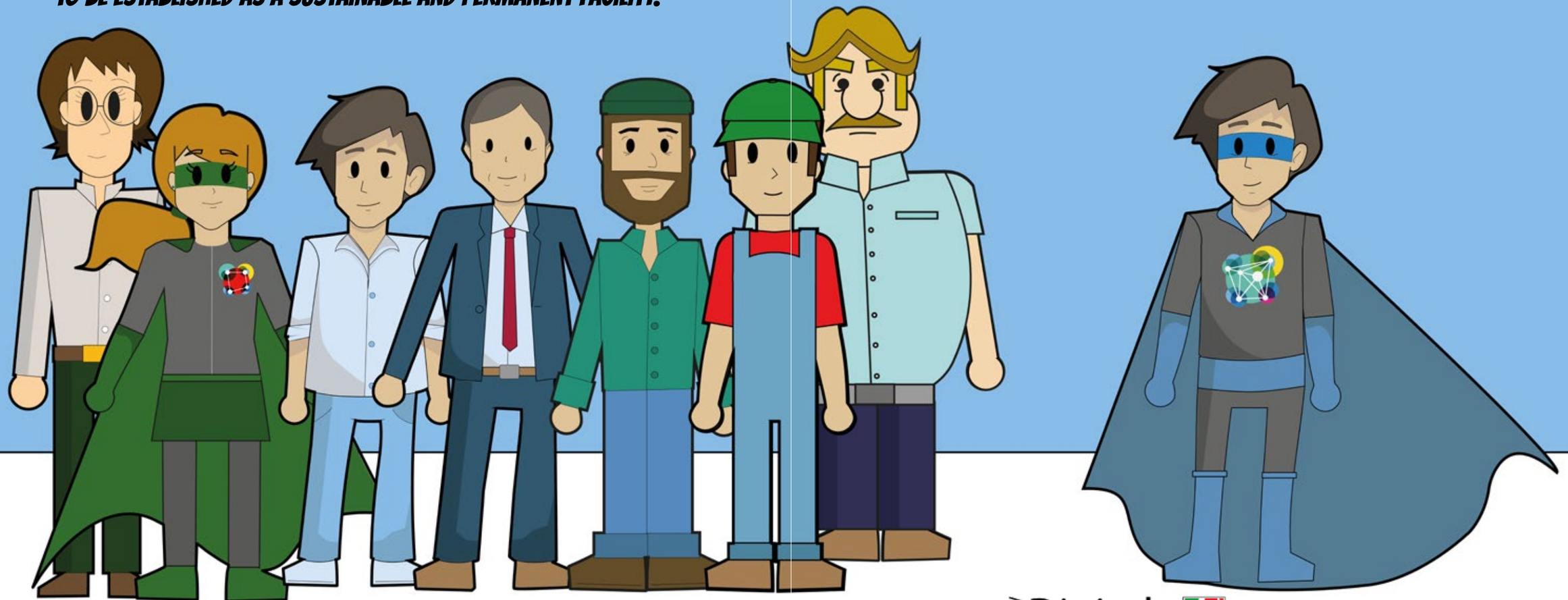
LEDGER MAN

SPECIAL EDITION

ABOUT BLOCKCHAIN EUROPE

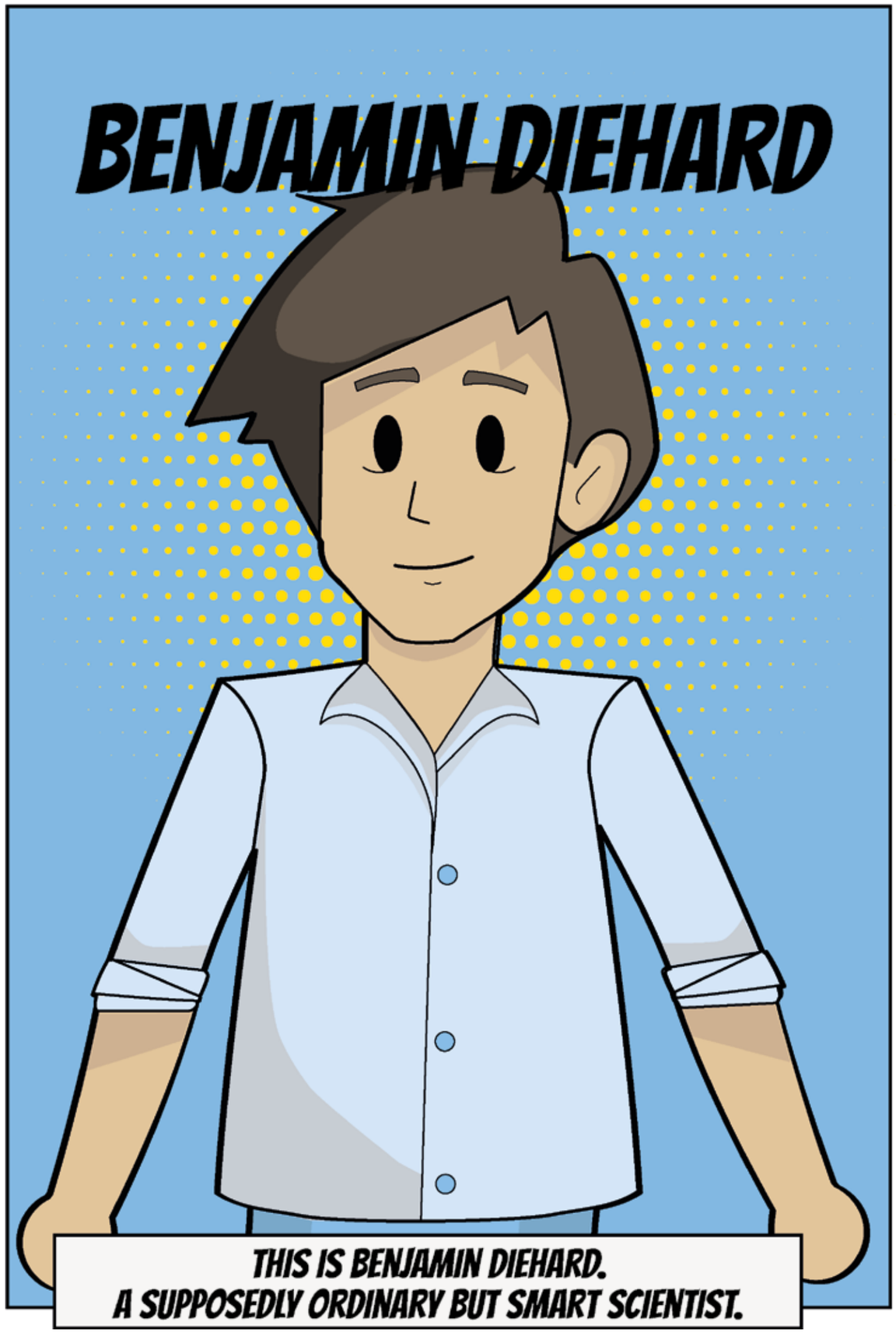
BLOCKCHAIN EUROPE HAS BEEN SET UP AS A PROJECT TO ESTABLISH A EUROPEAN BLOCKCHAIN INSTITUTE. THE PROJECT IS FUNDED WITH 7.7 MILLION EUROS BY THE MINISTRY OF ECONOMIC AFFAIRS, INNOVATION, DIGITALIZATION AND ENERGY OF THE STATE OF NORTH RHINE-WESTPHALIA. THE PROJECT CONSORTIUM INCLUDES THE DORTMUND FRAUNHOFER INSTITUTES IML AND ISST AS WELL AS THE CHAIR OF ENTERPRISE LOGISTICS AND THE CHAIR OF MATERIALS HANDLING AND WAREHOUSING AT THE TU DORTMUND UNIVERSITY. FOLLOWING THE PROJECT PERIOD, IT IS TO BE ESTABLISHED AS A SUSTAINABLE AND PERMANENT FACILITY.

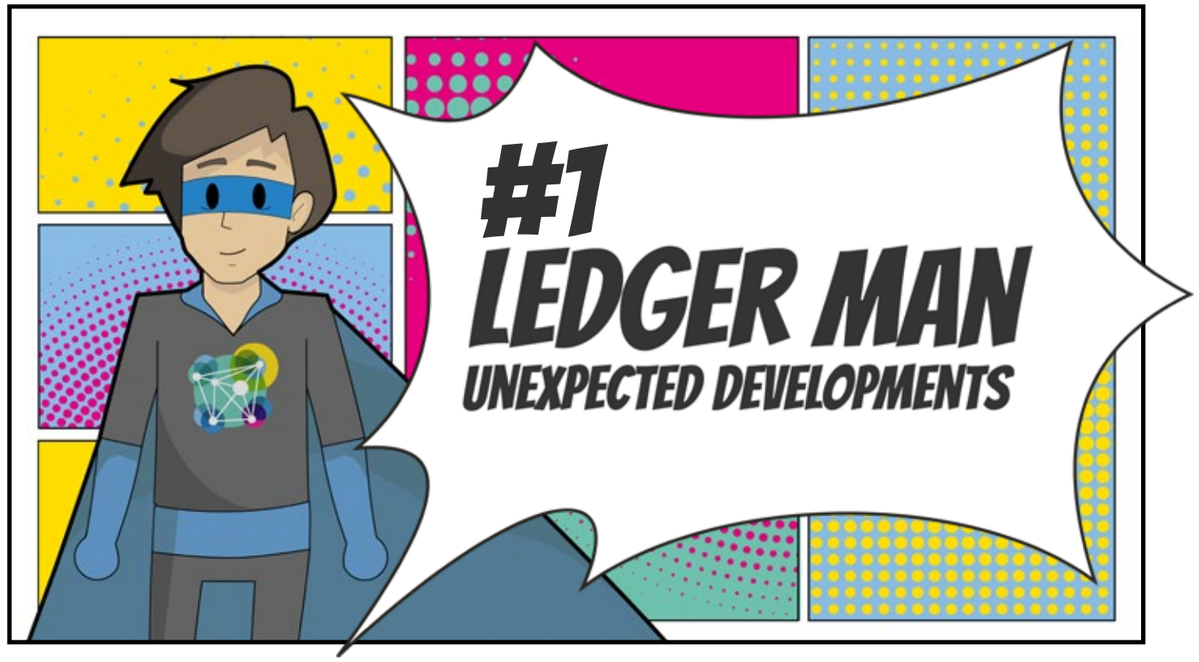
blockchain
europe.nrw

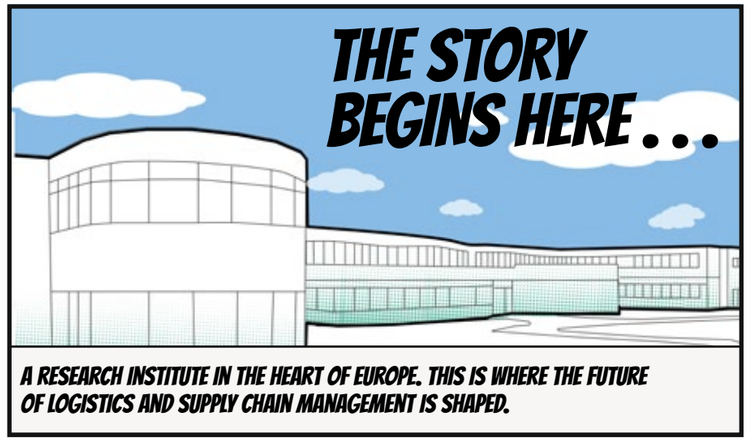


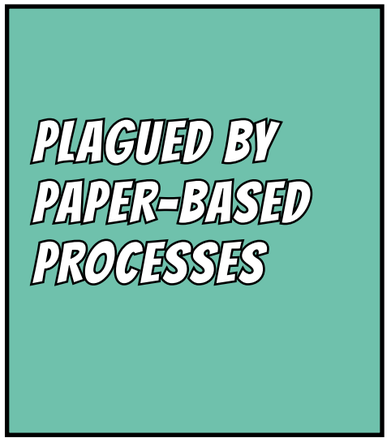
#DWNRW Digitale Wirtschaft

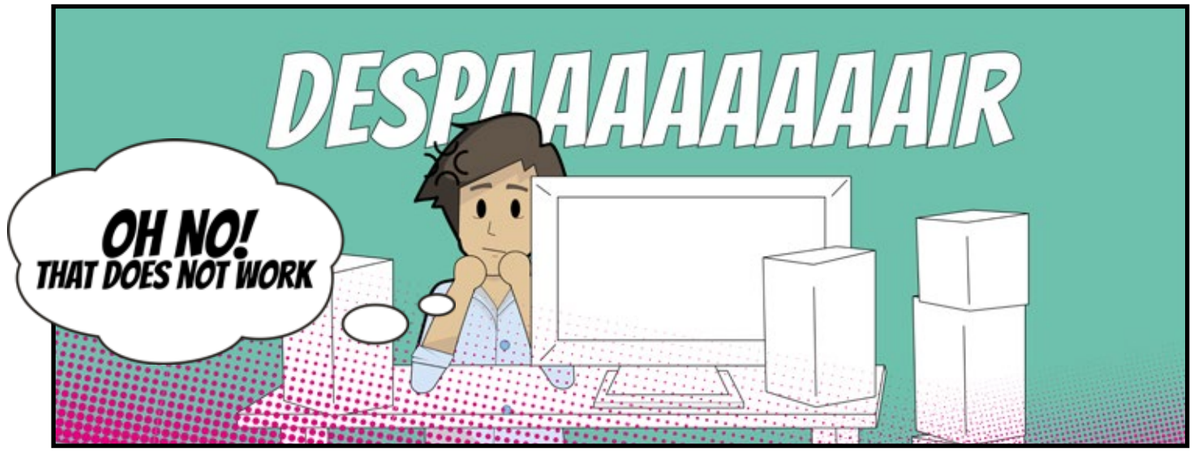
Funded by the Ministry of Economic Affairs, Innovation, Digitalization and Energy of North Rhine-Westphalia (MWIDE)

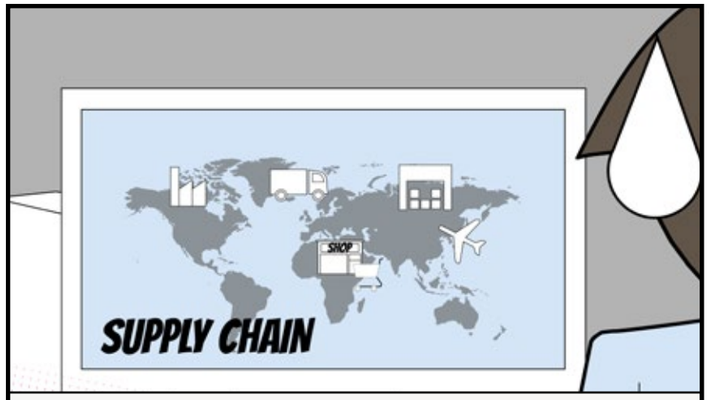

BENJAMIN DIEHARD
THIS IS BENJAMIN DIEHARD.
A SUPPOSEDLY ORDINARY BUT SMART SCIENTIST.


#1
LEDGER MAN
UNEXPECTED DEVELOPMENTS


THE STORY BEGINS HERE . . .
A RESEARCH INSTITUTE IN THE HEART OF EUROPE. THIS IS WHERE THE FUTURE OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT IS SHAPED.


PLAGUED BY PAPER-BASED PROCESSES


DESPAAAAAAAAAIR
OH NO!
THAT DOES NOT WORK

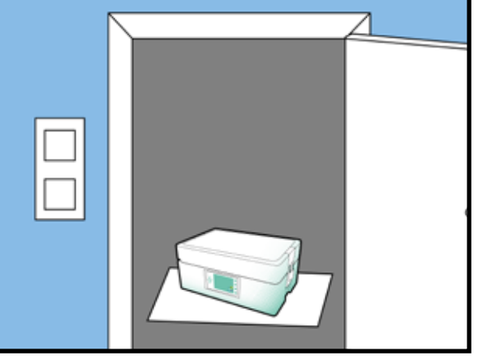


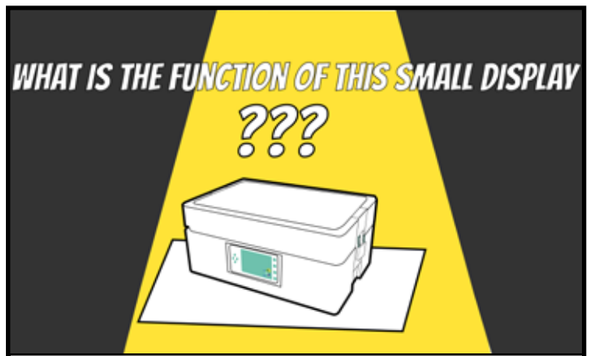
COMPLEX SUPPLY CHAINS MUST BE DIGITIZED AND OPERATE PAPERLESSLY.
A DIFFICULT CHALLENGE. WHAT ARE THE OPTIONS?

RING
RING
RIIIIING!

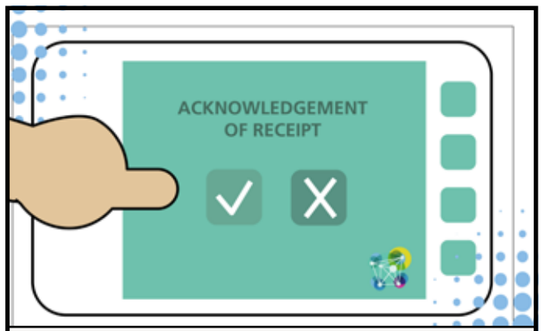
WHO DISTURBS?

A
PACKAGE
IS BEING
DELIVERED



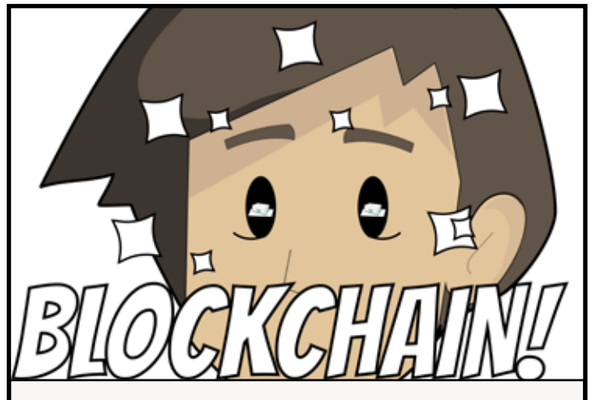


A PACKAGE WITH A MYSTERIOUS DISPLAY IS AT THE DOOR.



BENJAMIN COURAGEOUSLY PRESSES THE CONFIRMATION BUTTON AND TRIGGERS UNEXPECTED PROCESSES.

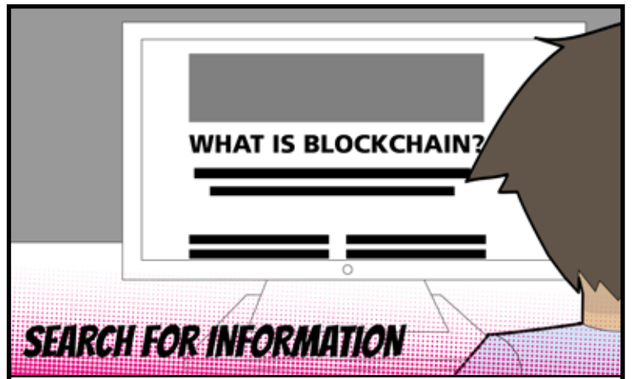
AUTOMATIC
PAYMENT!



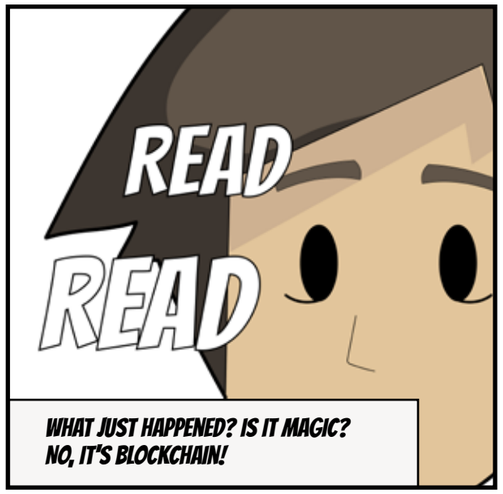
WHAT JUST HAPPENED? IS IT MAGIC? NO, IT'S BLOCKCHAIN!

A SMART CONTRACT HAS BEEN FULFILLED? JUST ONE CLICK
AND A PAYMENT WAS TRIGGERED? WHERE DOES THE DATA GO?

NOW! BENJAMIN WANTS
TO KNOW MORE!



BENJAMIN DECIDES TO INVESTIGATE. WHAT IS BLOCKCHAIN? WHAT ARE
SMART CONTRACTS? AUTOMATED PROCESSES? IS IT EVEN SECURE?
HOW DOES IT WORK?



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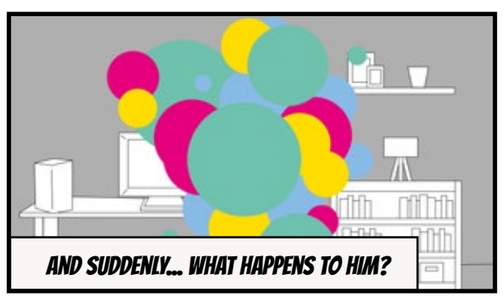
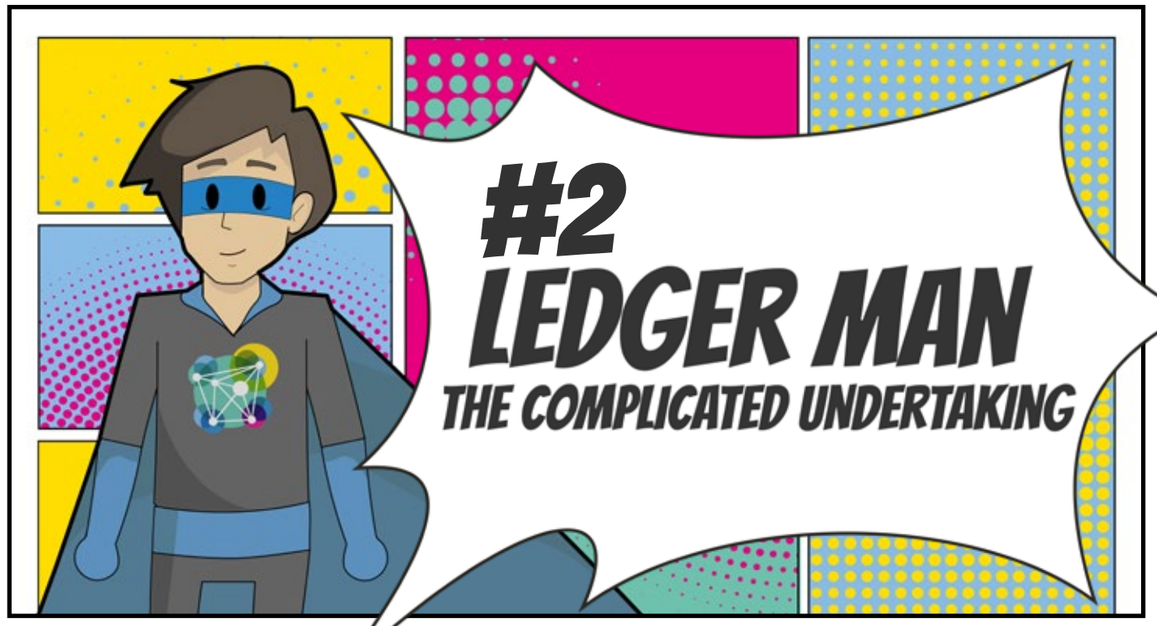


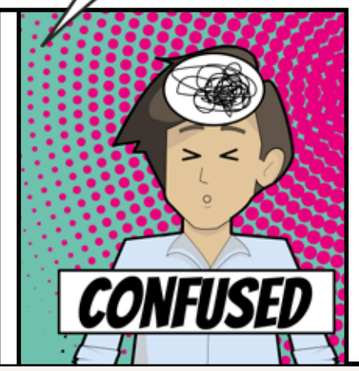
AND SUDDENLY... WHAT HAPPENS TO HIM?

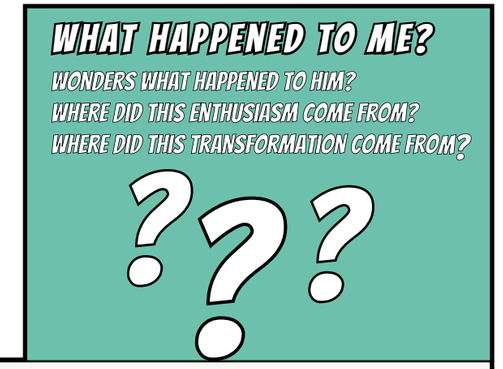
TRANSFORMATION BEGINS

LEDGER MAN

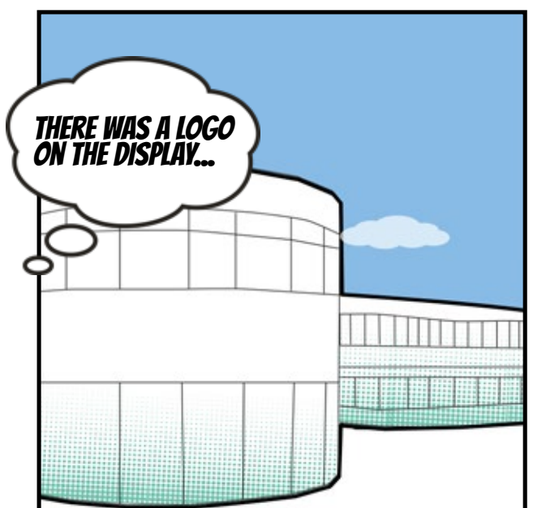
I AM HERE TO MAKE THE WORLD A BETTER PLACE WITH BLOCKCHAIN!



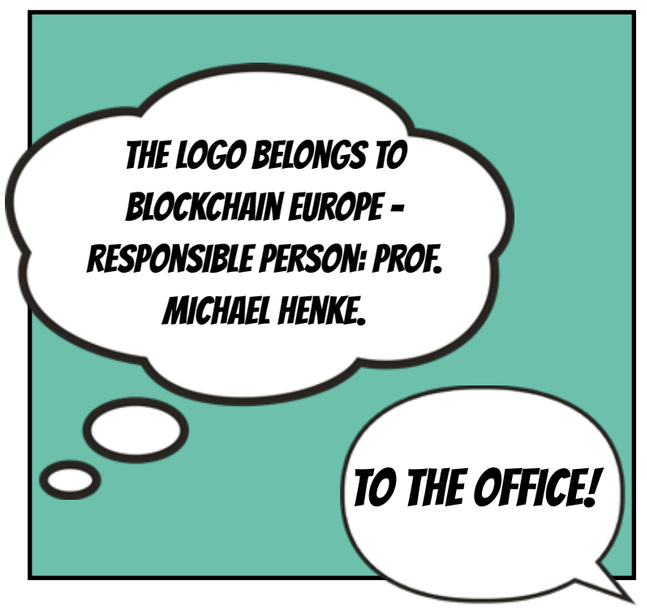


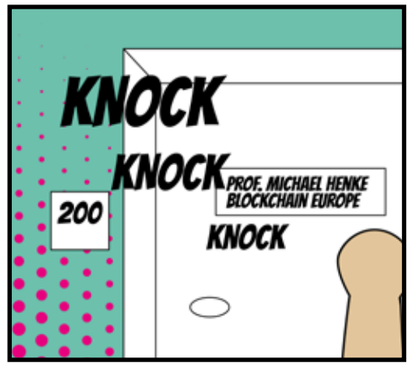


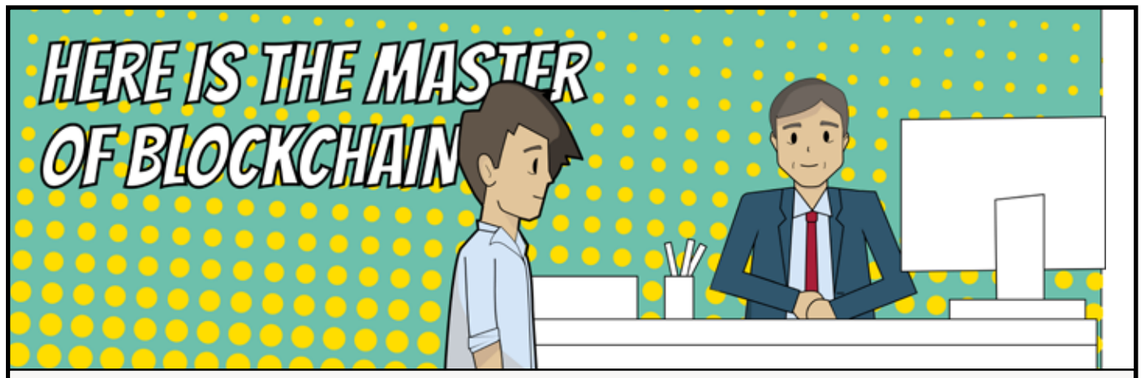
AFTER HIS INITIAL RESEARCH AND TRANSFORMATION INTO LEDGER MAN, BENJAMIN DIEHARD IS BOTH HAPPY AND CONFUSED. STILL ALONE IN HIS OFFICE AT THE RESEARCH INSTITUTE, HE WONDERS WHAT HAPPENED TO HIM.

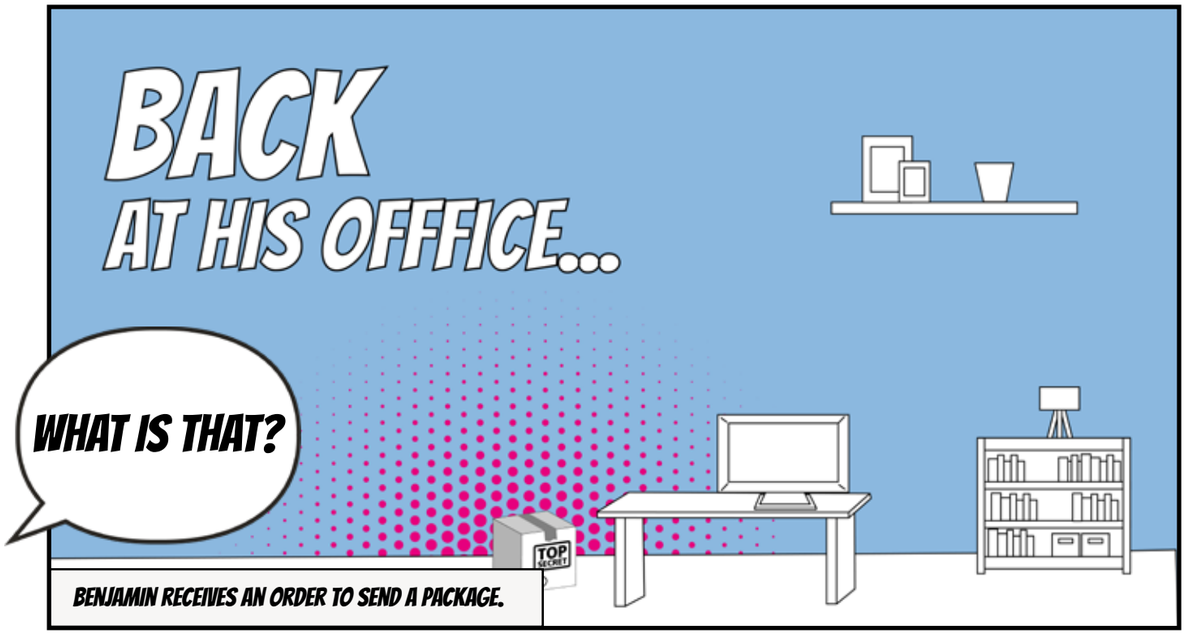


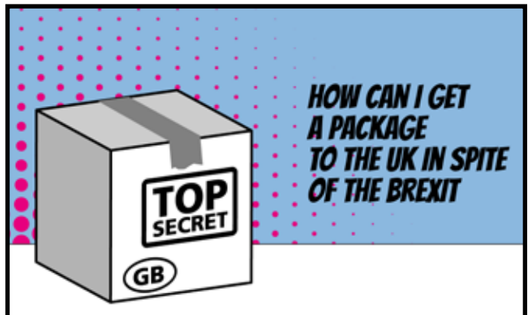
HE DECIDES TO INVESTIGATE

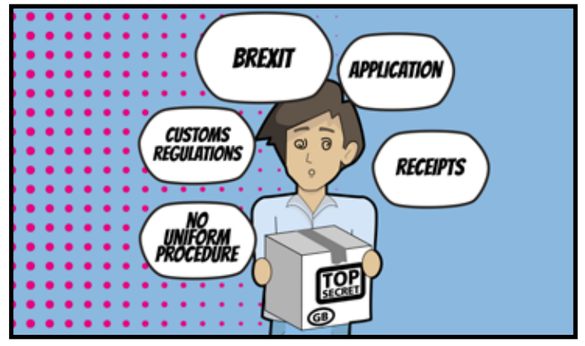


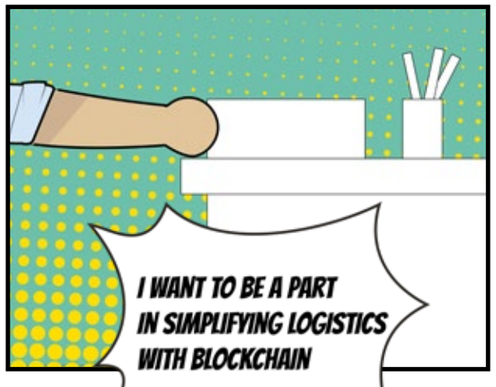


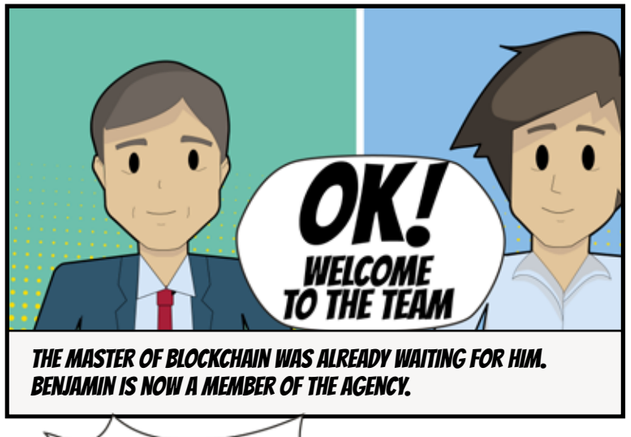




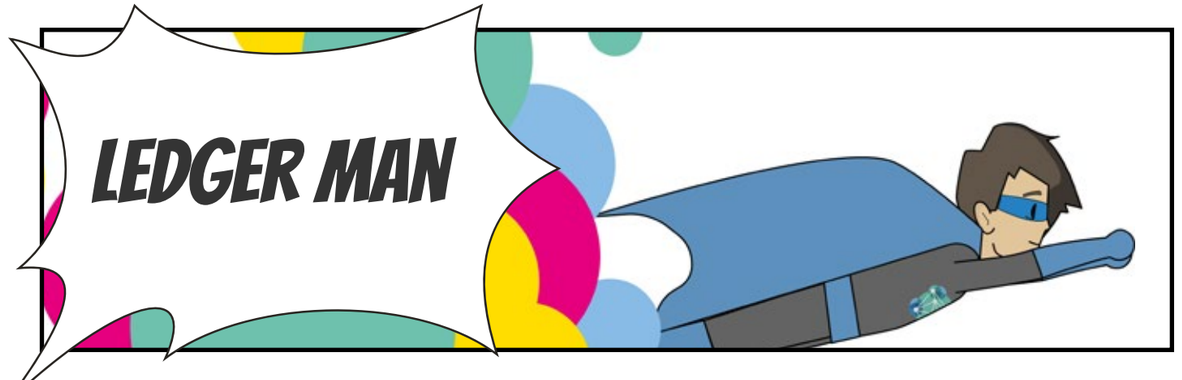






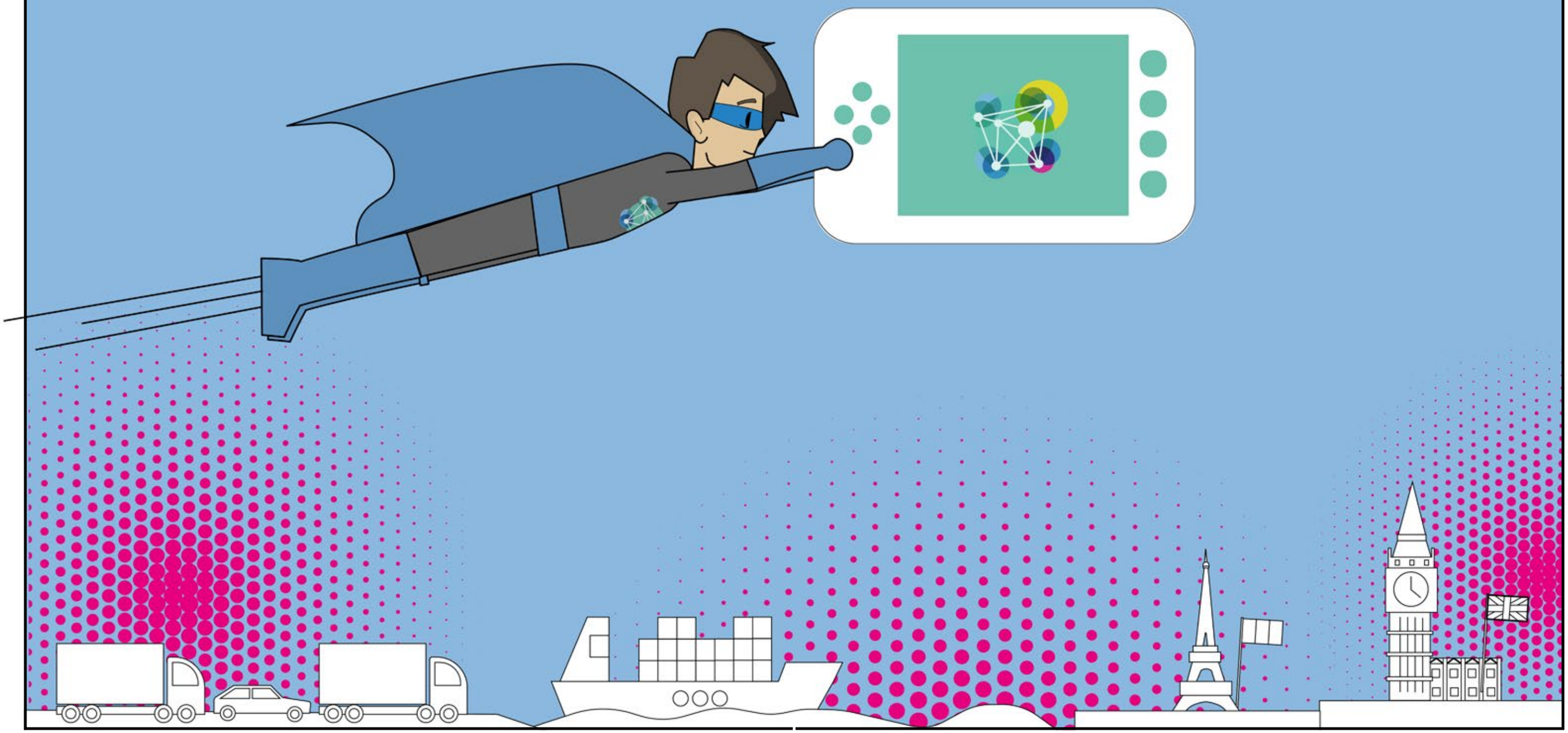


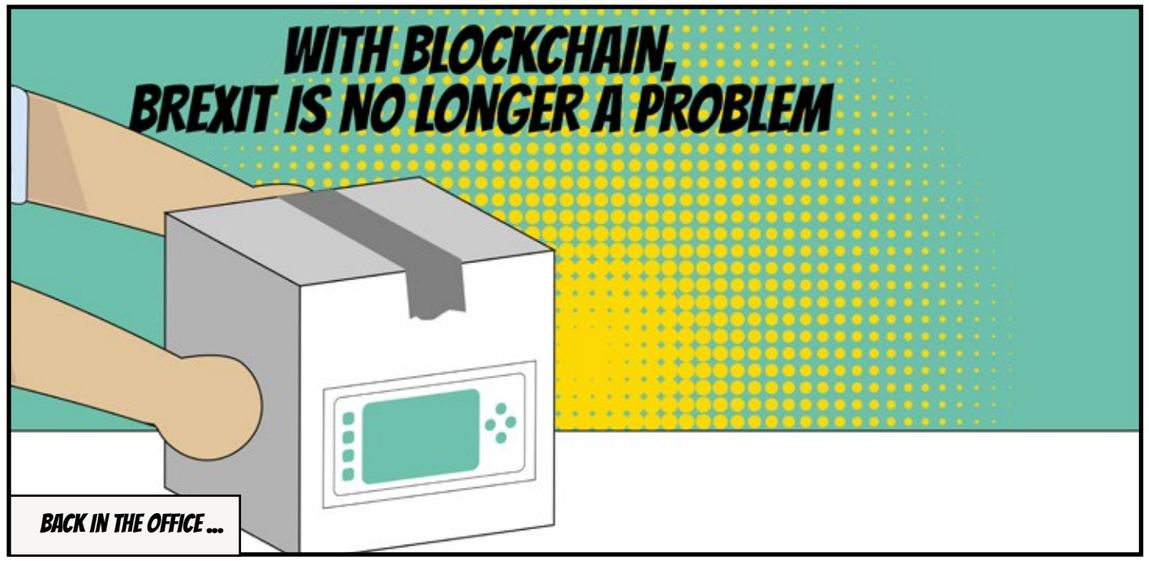
TOGETHER, THEY WILL SHAPE THE FUTURE WITH BLOCKCHAIN. THE MISSION: THE RISE OF THE BLOCK-CHAIN ERA.
BENJAMIN IS COMPLETELY EUPHO-RIC. BUT HE STILL CAN'T IMAGINE WHAT THE FUTURE WILL BRING.
ONE THING IS CERTAIN: IT WILL BE A DISRUPTIVE CHANGE.

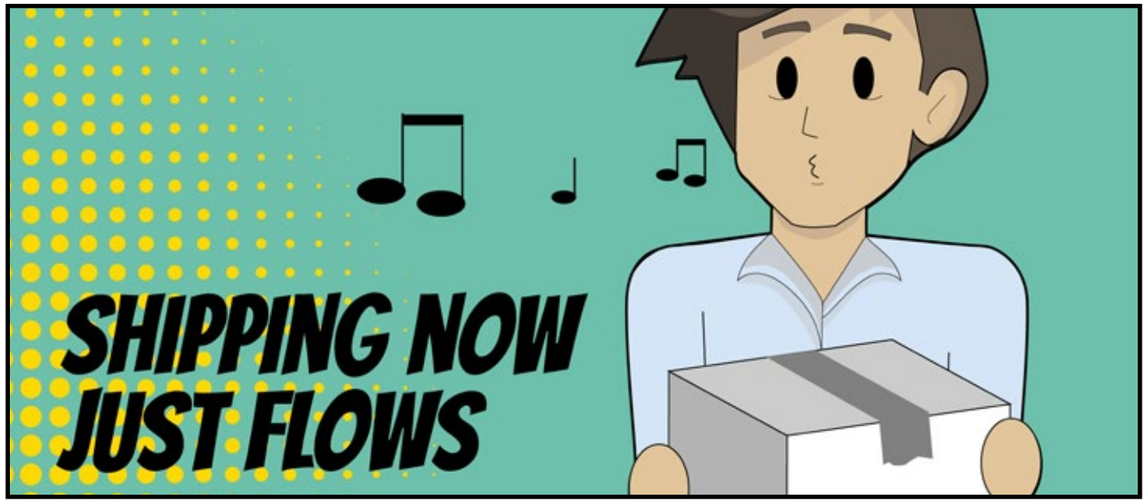


ON TO THE BORDER BETWEEN FRANCE AND GREAT BRITAIN: LEDGER MAN IMPLEMENTS BLOCKCHAIN AND BLOCKCHAIN-ENABLED IOT DEVICES TO DIGITIZE CUSTOMS PROCESSING END-TO-END.

ON A MISSION . . .

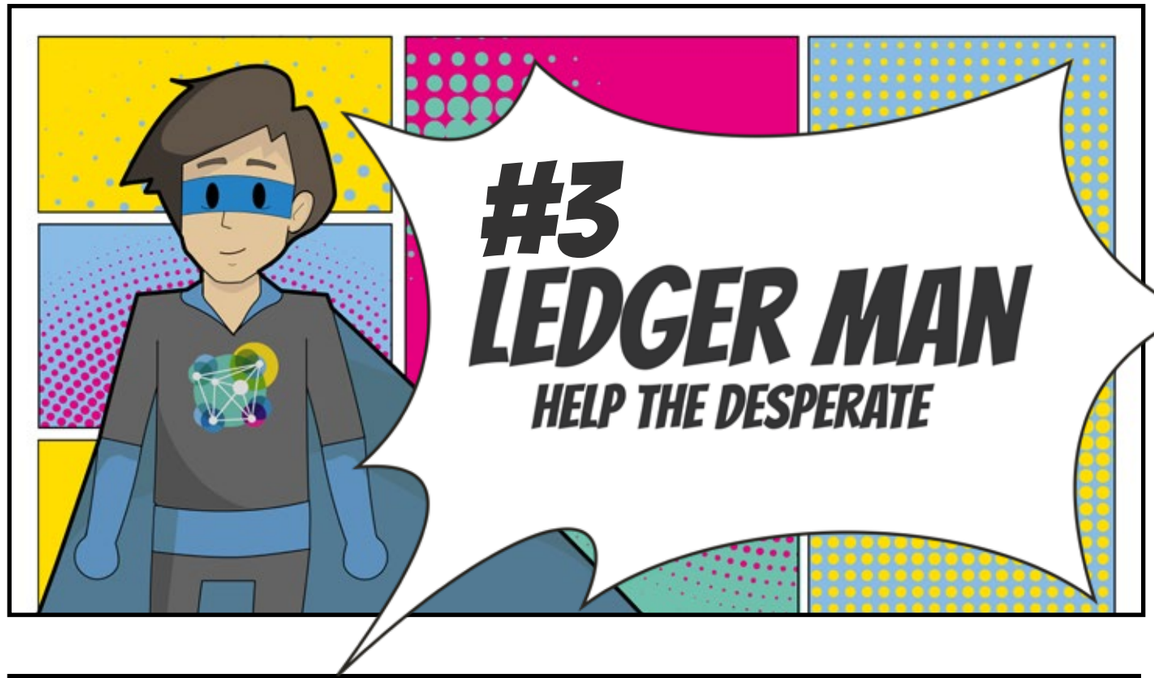


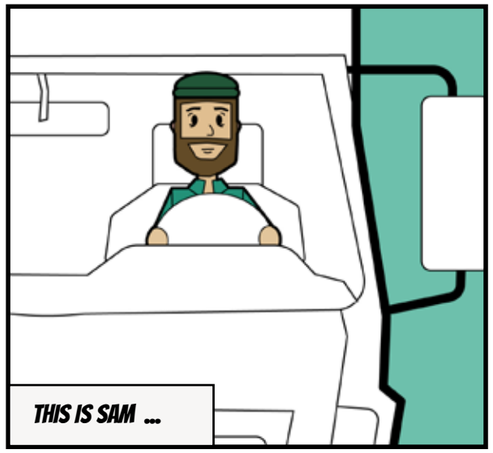


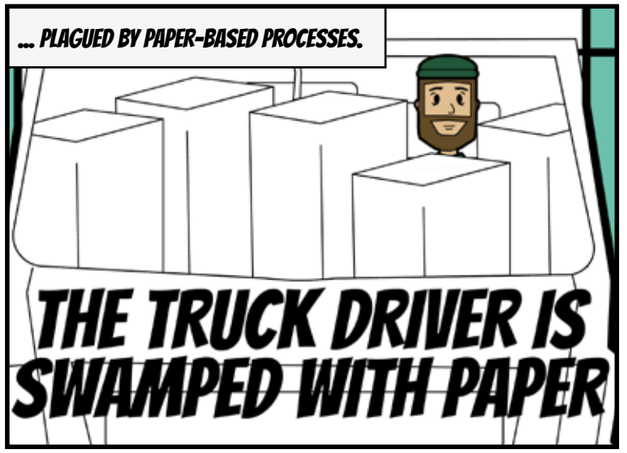


HE WANTS TO MAKE
THE WORLD A BETTER
PLACE WITH BLOCKCHAIN.

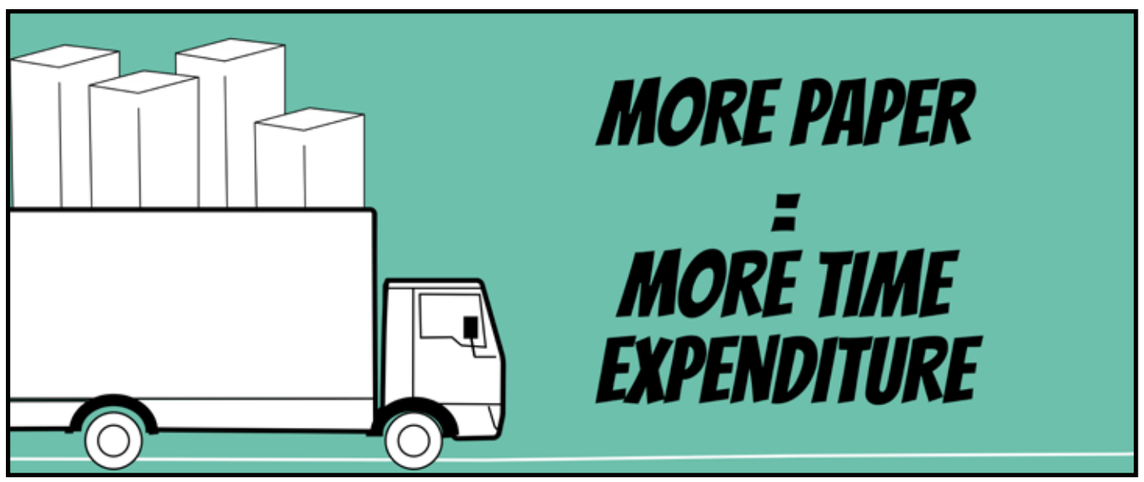
THE END

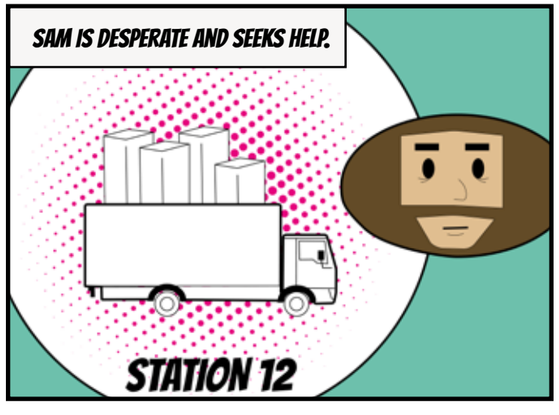


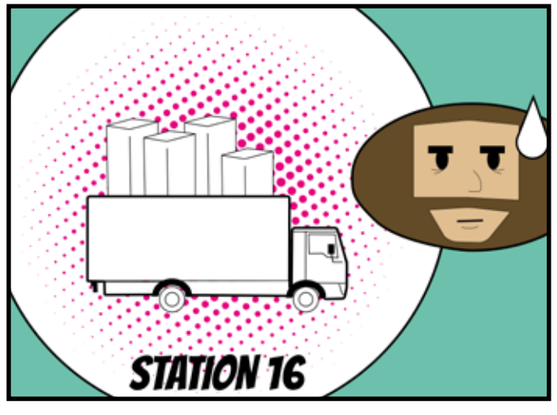


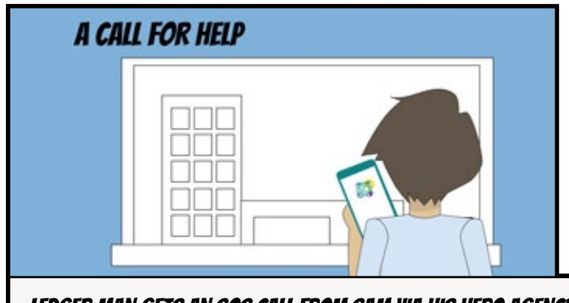


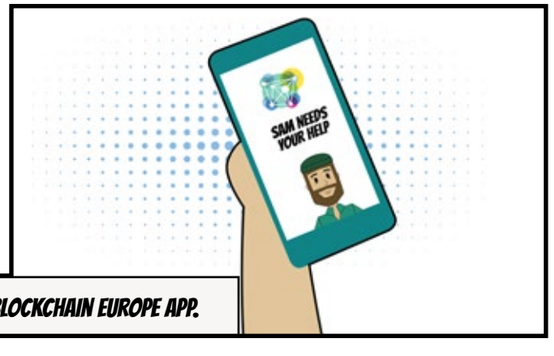
THE HANDLING OF DANGEROUS GOODS IS SUBJECT TO STRICT LEGAL REGULATIONS AND A HIGH DOCUMENTATION REQUIREMENT.



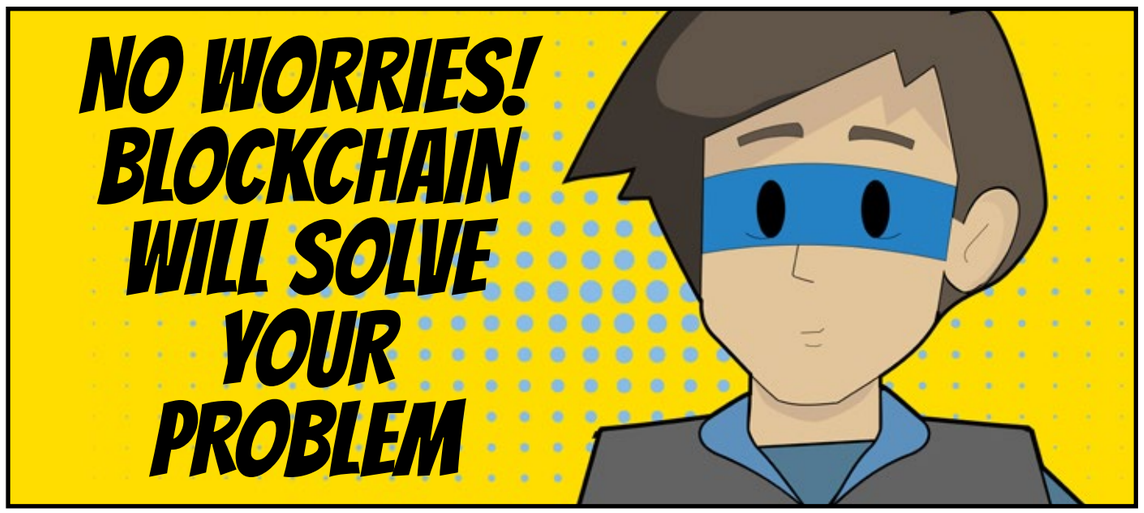


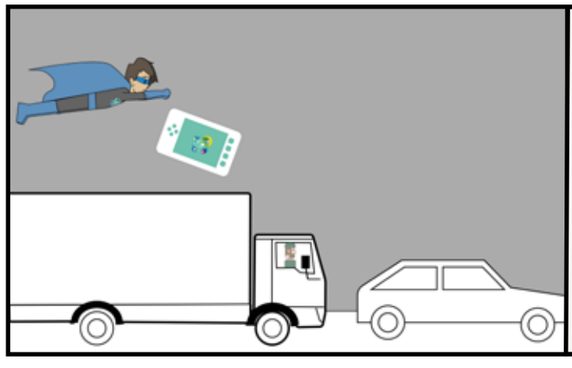




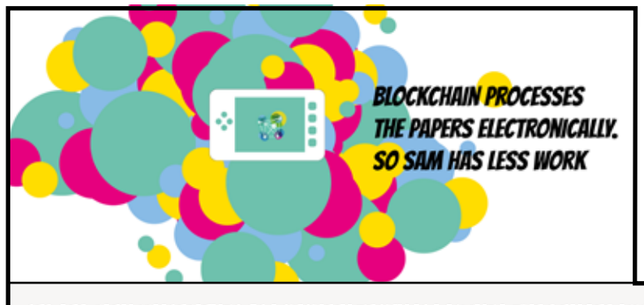


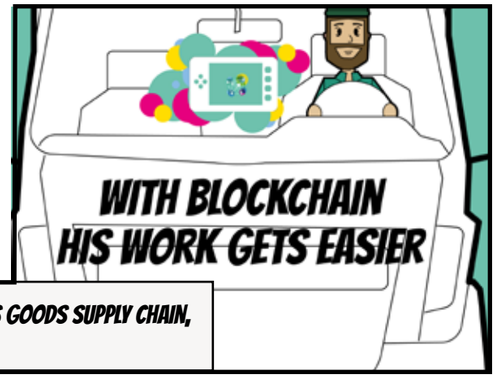
LEDGER MAN GETS AN SOS CALL FROM SAM VIA HIS HERO AGENCY BLOCKCHAIN EUROPE APP.





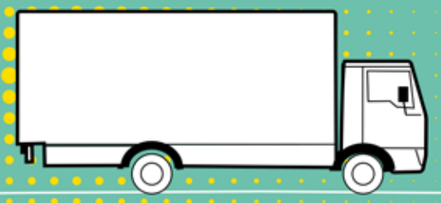
BLOCKCHAIN ENABLES TRUSTED, TRANSPARENT EXCHANGE OF SENSITIVE DATA AND EFFICIENT DANGEROUS GOODS MANAGEMENT IN COMPLIANCE WITH LEGAL AND REGULATORY REQUIREMENTS. SO UP, UP TO SAM.





LEDGER MAN IMPLEMENTS BLOCKCHAIN TECHNOLOGY INTO THE DANGEROUS GOODS SUPPLY CHAIN, ENABLING MORE EFFICIENT AND PAPERLESS PROCESSING.

AND THE MOUNTAIN OF PAPER DISAPPEARS



INSTEAD OF PAPER, THE ELECTRONIC TRANSPORT DOCUMENT - A COMPREHENSIVE CROSS-COMPANY SOLUTION THAT ENABLES TRANSPARENT, SECURE AND COMPLETE DOCUMENTATION.

NOW SAM IS HAPPY

HE WANTS TO MAKE THE WORLD A BETTER PLACE WITH BLOCKCHAIN.

THE END

#4 LEDGER MAN

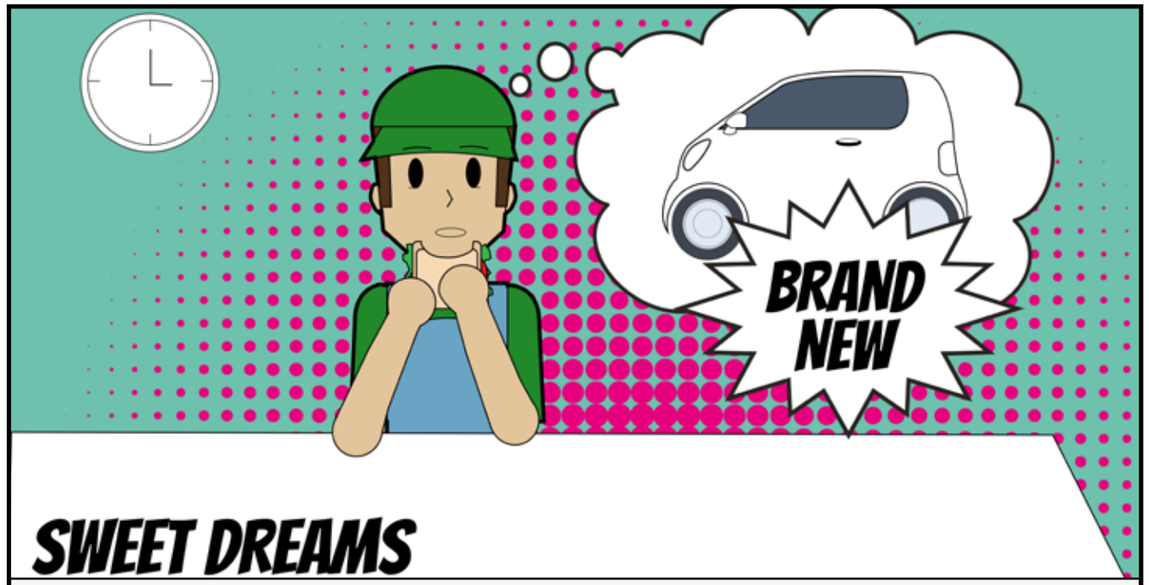
THE BROKEN SUPPLY CHAIN

THE STORY BEGINS DURING THE BREAK

THIS IS TOM

HE IS A SMALL PART OF A SUPPLY CHAIN

TOM WORKS IN THE AUTOMOTIVE INDUSTRY.



SWEET DREAMS

DURING THE BREAK, HE DREAMS ABOUT HIS NEW CAR. UNFORTUNATELY, IT TAKES SOOOO LONG UNTIL IT FINALLY ARRIVES. WHY CAN'T IT BE MANUFACTURED FASTER?

THE LUNCH BREAK IS OVER
AND HE GOES BACK TO WORK

HE HEARD ABOUT THIS THE MYTHICAL LEDGER MAN",
MAYBE HE CAN HELP?

HIS SUPPLY CHAIN IS INEFFCIENT

SOS
CALL

HERE I SHOULD COMBINE BLOCK-CHAIN WITH OTHER TECHNOLOGIES.

TOM:
PLS HELP

BENJAMIN IS DEEPLY IMMERSED IN HIS RESEARCH, WHEN AN SOS CALL COMES IN...

LEDGER MAN CANNOT DO THIS ON HIS OWN

ONLY ONE TAP WILL HELP

HE OPENS THE HERO APP AND SEEKS HELP FROM THE BLOCKCHAIN EUROPE INNOVATION ECOSYSTEM.

BENJAMIN TURNS INTO LEDGER MAN

LET'S NOT WASTE TIME! LET'S GO!

LET US HAVE A LOOK!

HELP IS NEAR

THIS IS ALLY MATE...

HEY LEDGER MAN, I'M HERE TO HELP

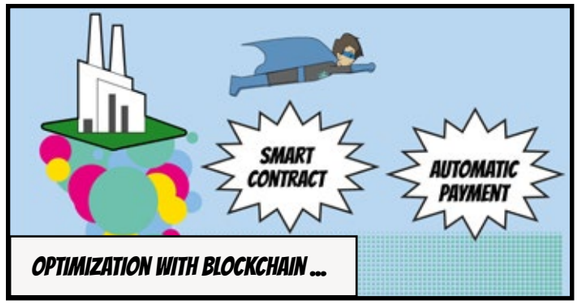
THE SUPPORT FROM THE HERO APP HAS ALSO JUST ARRIVED ON THE SCENE: ALLY MATE IS HIS PARTNER FROM THE SILICON ECONOMY. HER SUPERPOWER IS LINKING THROUGH PLATFORMS.

WITH BLOCKCHAIN EVERYTHING COULD BE BETTER AND FASTER

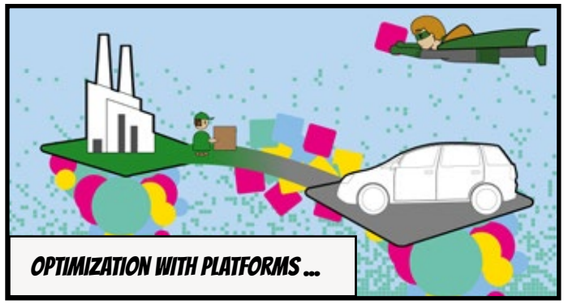
WITH PLATTFORMS THE CONNECTIONS WILL BE MUCH MORE SIMPLE AND EFFICENT

TOGETHER BETTER

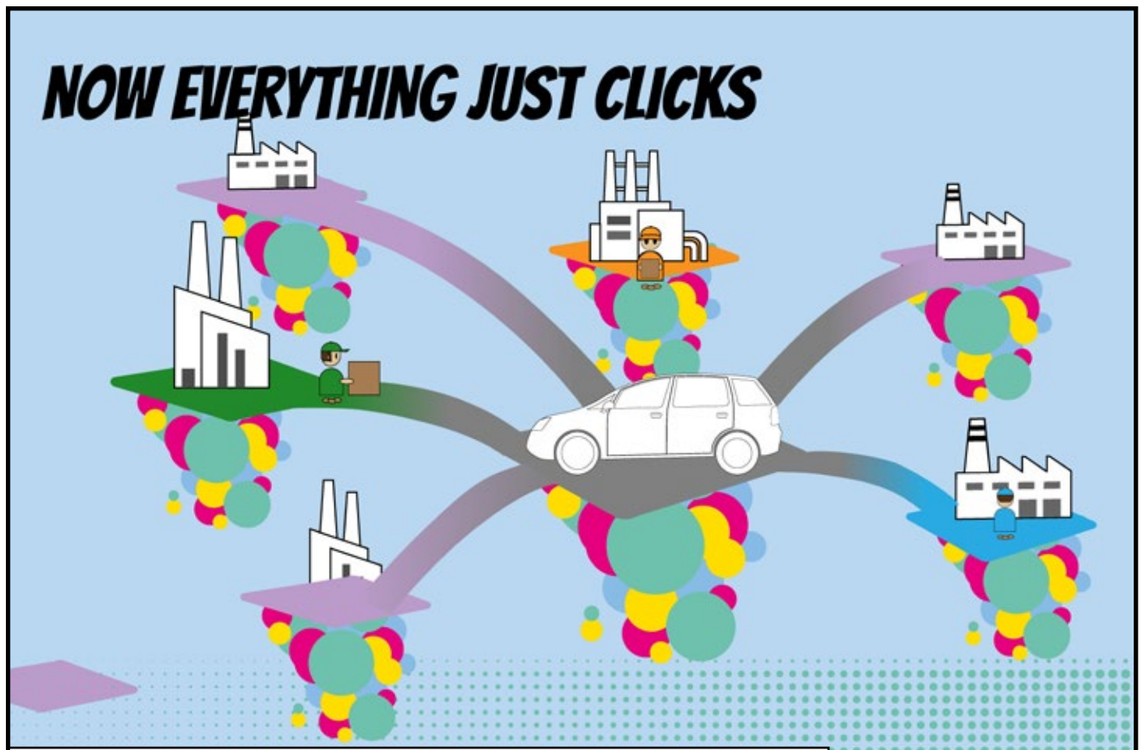
TOGETHER, ALLY MATE AND LEDGER MAN COME UP WITH A PLAN. PLATFORMS ARE CONNECTING ALL THE PLAYERS IN THE SUPPLY CHAIN, AND BLOCKCHAIN IS ENABLING AUTOMATED CONTRACTS AND TRANSACTIONS.



OPTIMIZATION WITH BLOCKCHAIN ...



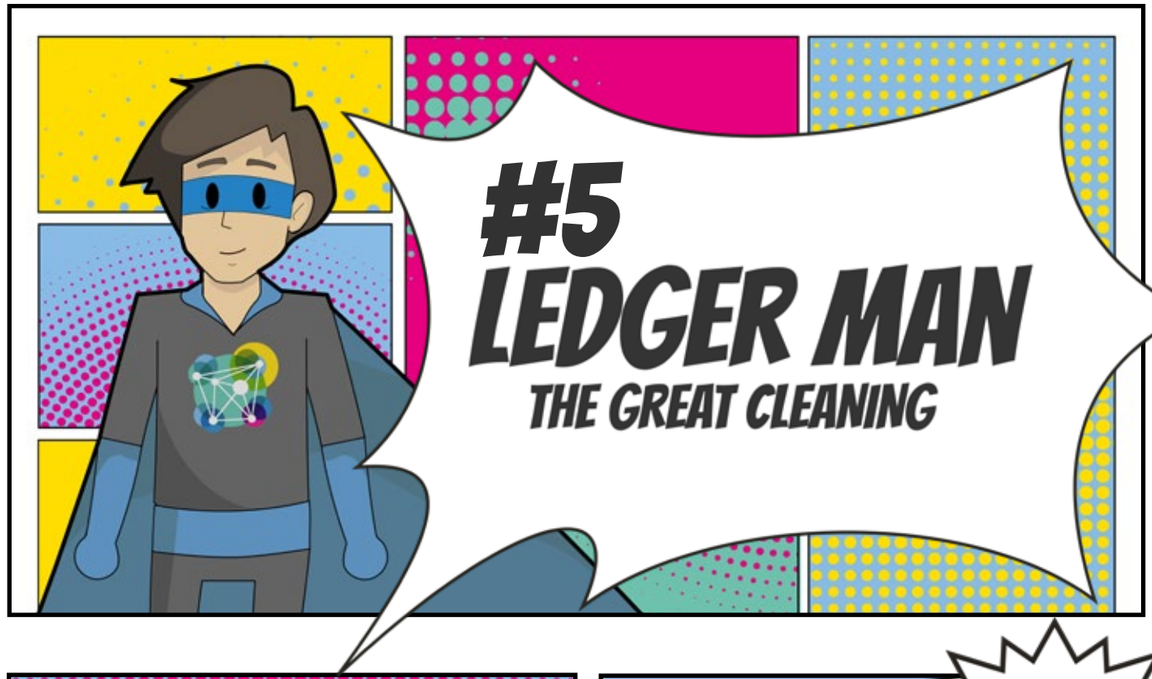
OPTIMIZATION WITH PLATFORMS ...



TOGETHER GREAT THINGS CAN BE REALIZED. ALWAYS REMEMBER: YOU NEVER WALK ALONE.

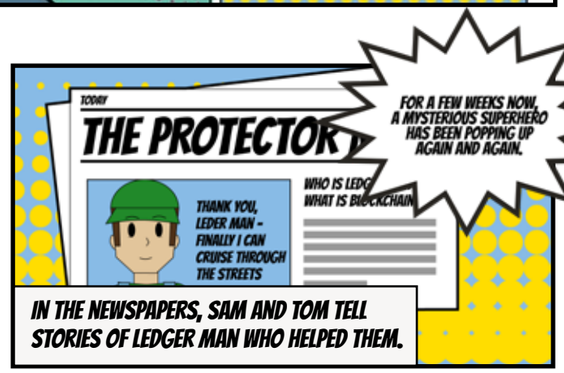
HE WANTS TO MAKE THE WORLD A BETTER PLACE WITH BLOCKCHAIN.

THE END



EVERYONE IS TALKING ABOUT BLOCKCHAIN

LEDGER MAN - THE MYSTERIOUS FIGURE IN THE SKY - HAS MADE MANY HEADLINES. PEOPLE ARE WONDERING, WHO IS BEHIND IT? AND WHAT IS BLOCKCHAIN?

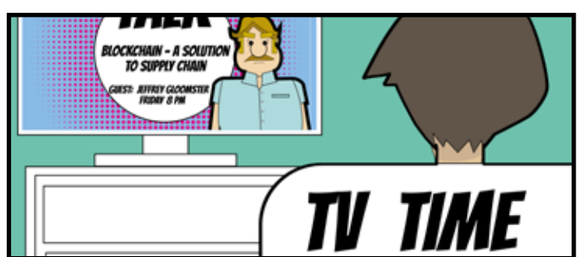


IN THE NEWSPAPERS, SAM AND TOM TELL STORIES OF LEDGER MAN WHO HELPED THEM.

EVEN PRIME TIME TALKSHOWS . . .

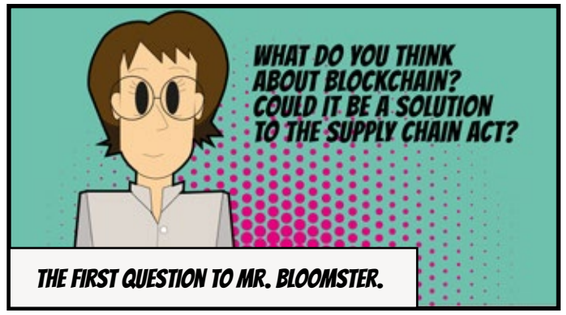
OF COURSE, IT IS ALSO DISCUSSED ON TV ...

THIS WAS ALSO THE CASE ON SANDY ASK'S T ALK SHOW ...

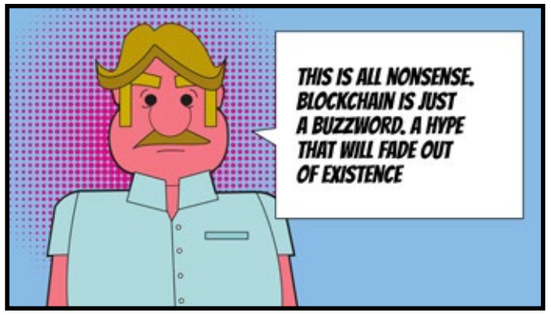


BENJAMIN DIEHARD ALSO WATCHES THE BIGGEST TALK SHOW ON TELEVISION.

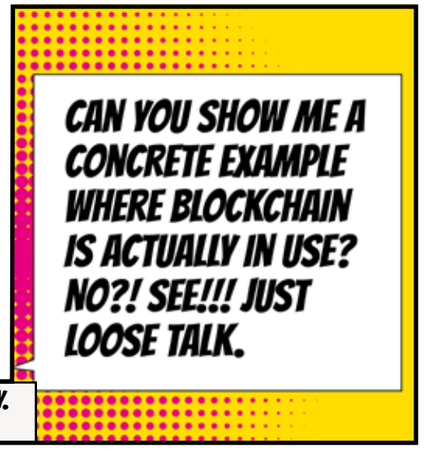
THE GUEST IS JEFFREY GLOOMSTER, A TEXTILE PRODUCER. THE TOPIC: THE NEW SUPPLY CHAIN ACT.



THE FIRST QUESTION TO MR. BLOOMSTER.

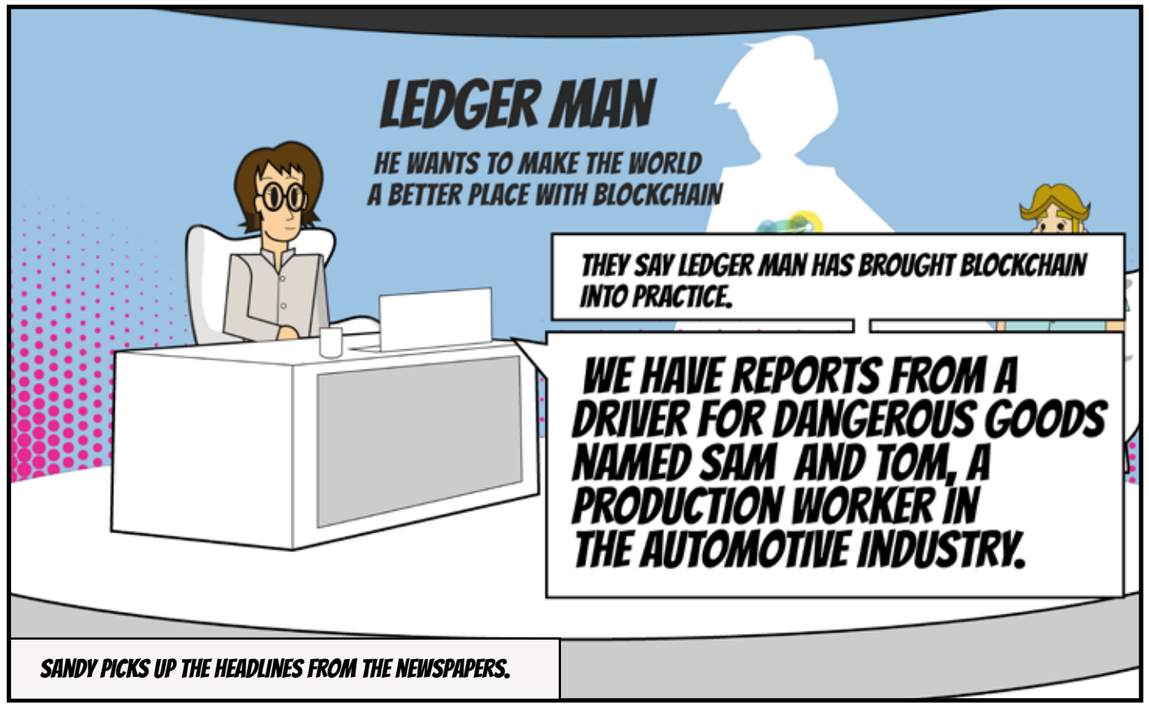


THE INTERACTIVE TALK SHOW ALSO ALLOWS VIEWERS TO JOIN IN THE DISCUSSION.

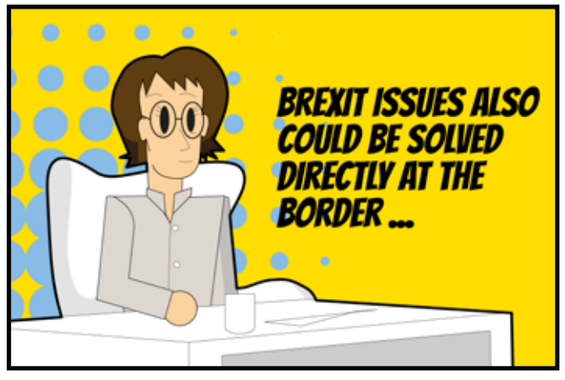


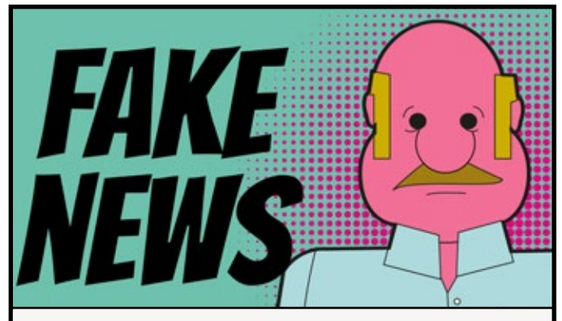
OBVIOUSLY, THE TEXTILE PRODUCER DOES NOT SEEM TO DISCUSS VERY OBJECTIVELY. OPINIONS DIFFER STRONGLY ON THE SUBJECT OF BLOCKCHAIN.

BENJAMIN GETS FURI-OUS. AS A BLOCKCHAIN EVANGELIST, HE DOESN'T SHARE MR. GLOOMSTER'S OPINION.

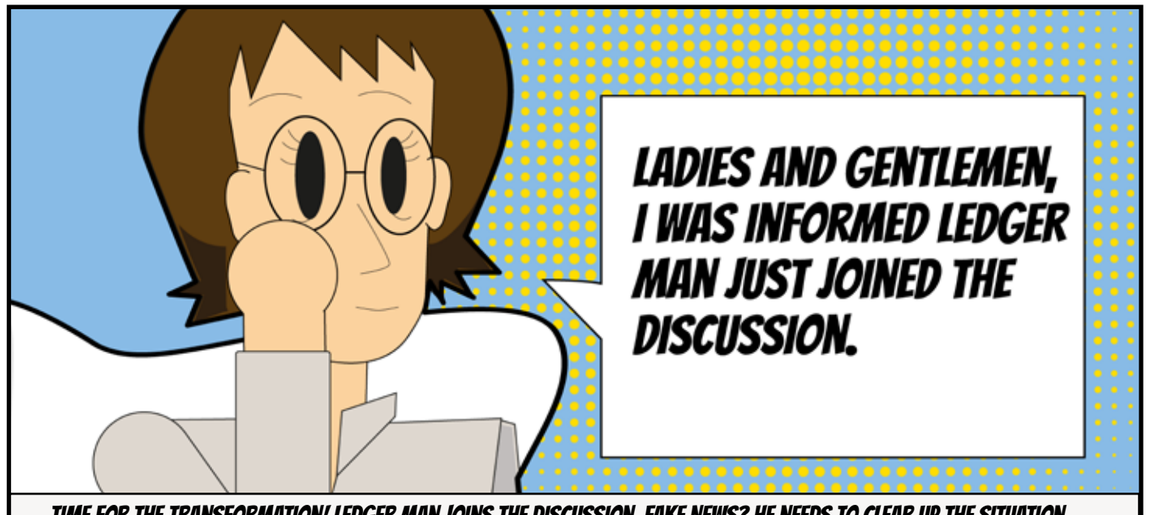


SANDY PICKS UP THE HEADLINES FROM THE NEWSPAPERS.



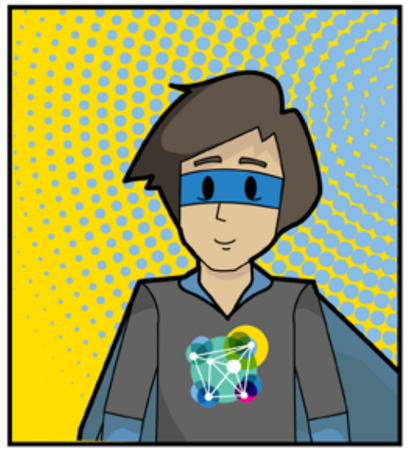


MR. GLOOMSTER BLUSHES WITH ANGER. IS IT ALL A BIG CONSPIRACY?



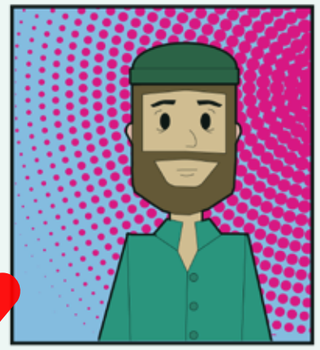
TIME FOR THE TRANSFORMATION! LEDGER MAN JOINS THE DISCUSSION. FAKE NEWS? HE NEEDS TO CLEAR UP THE SITUATION.

LEDGER MAN DECIDES TO TAKE A CLOSER LOOK AT MR. GLOOMSTER'S SUPPLY CHAIN. BLOCKCHAIN PROVIDES TRANSPARENCY AND TRACEABILITY, IN LINE WITH THE NEW SUPPLY CHAIN ACT. OOPS, GLOOMSTER PROBABLY DIDN'T EXPECT THAT ...



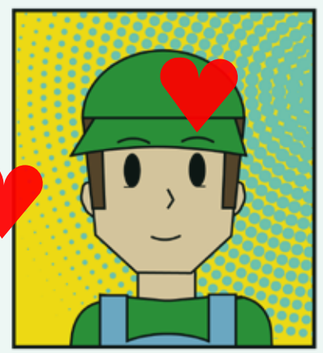
LEDGER MAN

I HAVE REDESIGNED YOUR SUPPLY CHAIN BASED ON BLOCKCHAIN - THE RESULT: END-TO-END TRACKING OF THE ENTIRE SUPPLY CHAIN. ORGANIC COTTON? ROFL :) SORRY, MAN!



SAM

MORE TIME, MORE REST - BLOCKCHAIN IS THE BEST

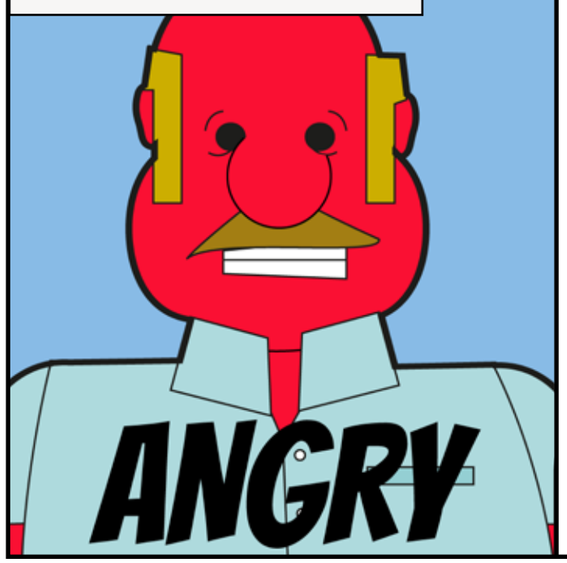


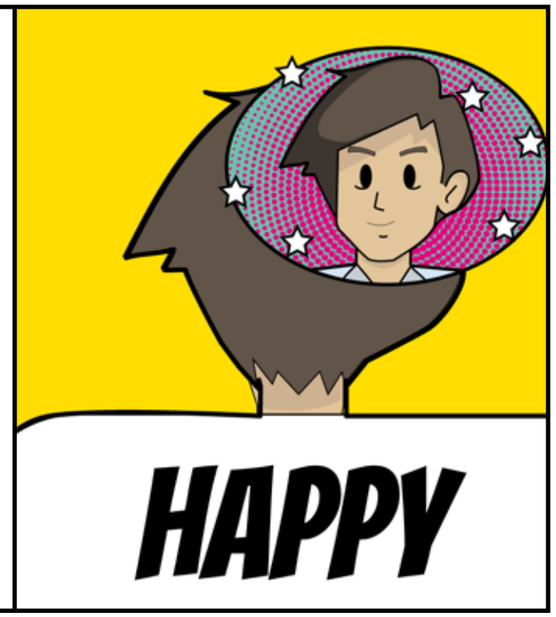
TOM

SOLVED SO SIMPLY AND CLEVER. I SAVE TIME AND HAVE NO MORE UNNECESSARY STEPS

THE VIEWERS LIKE THAT.

MR. GLOOMSTER DOES NOT LIKE IT AT ALL.





SANDY IS RIGHT...

HE WANTS TO MAKE THE WORLD A BETTER PLACE WITH BLOCKCHAIN.

THE END

CHECK IT OUT

LINK TO THE VIDEO