

capillar.it

consumption-centric mobility solutions

july 9th Physical Internet Award | IPIC 2019 London

Javi Esquillor



contributions w/i Physical Internet

this we bring

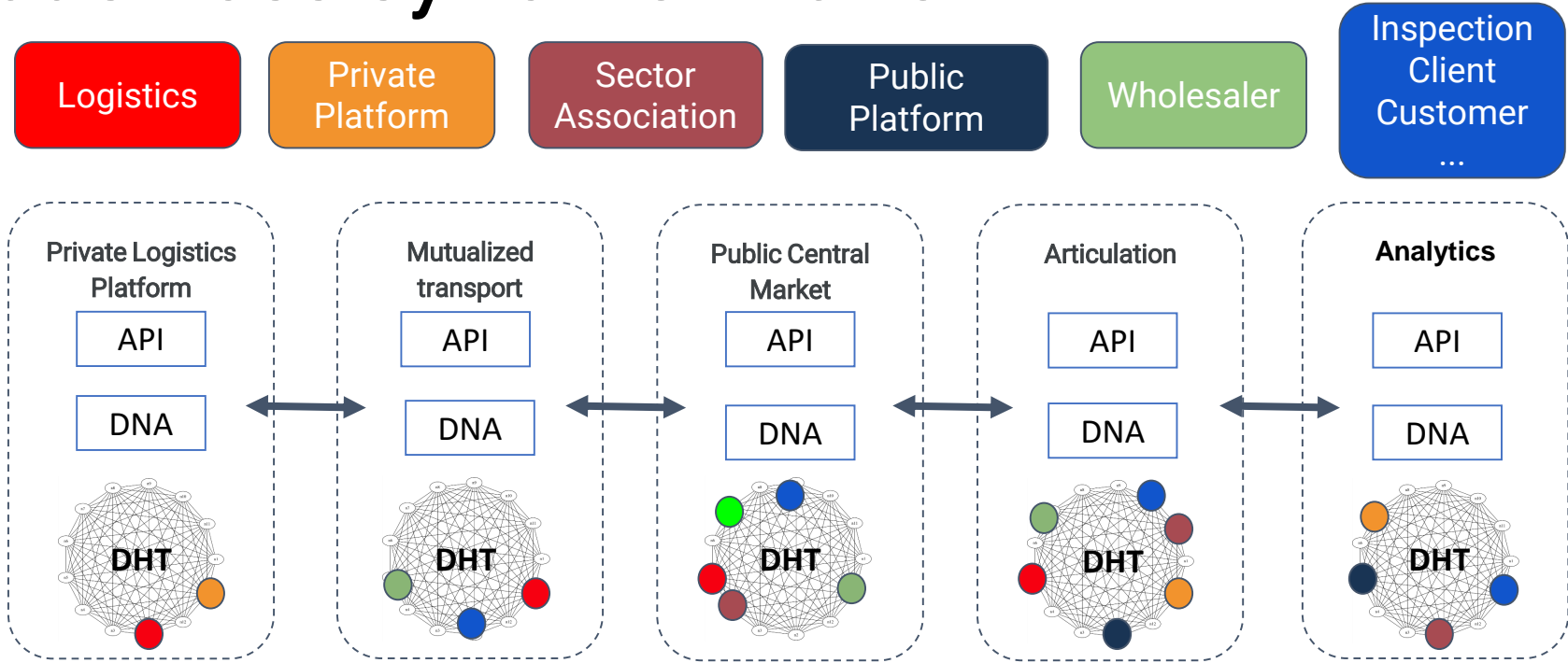
→ physical² internet business

→ **GS1 penetration turnaround project**

→ capillary logistics networks

→ City Line, ENTRUST

business synchronization



bridging allows agents to share data at APP layer

conventional market | new sale channels

+ full traceability

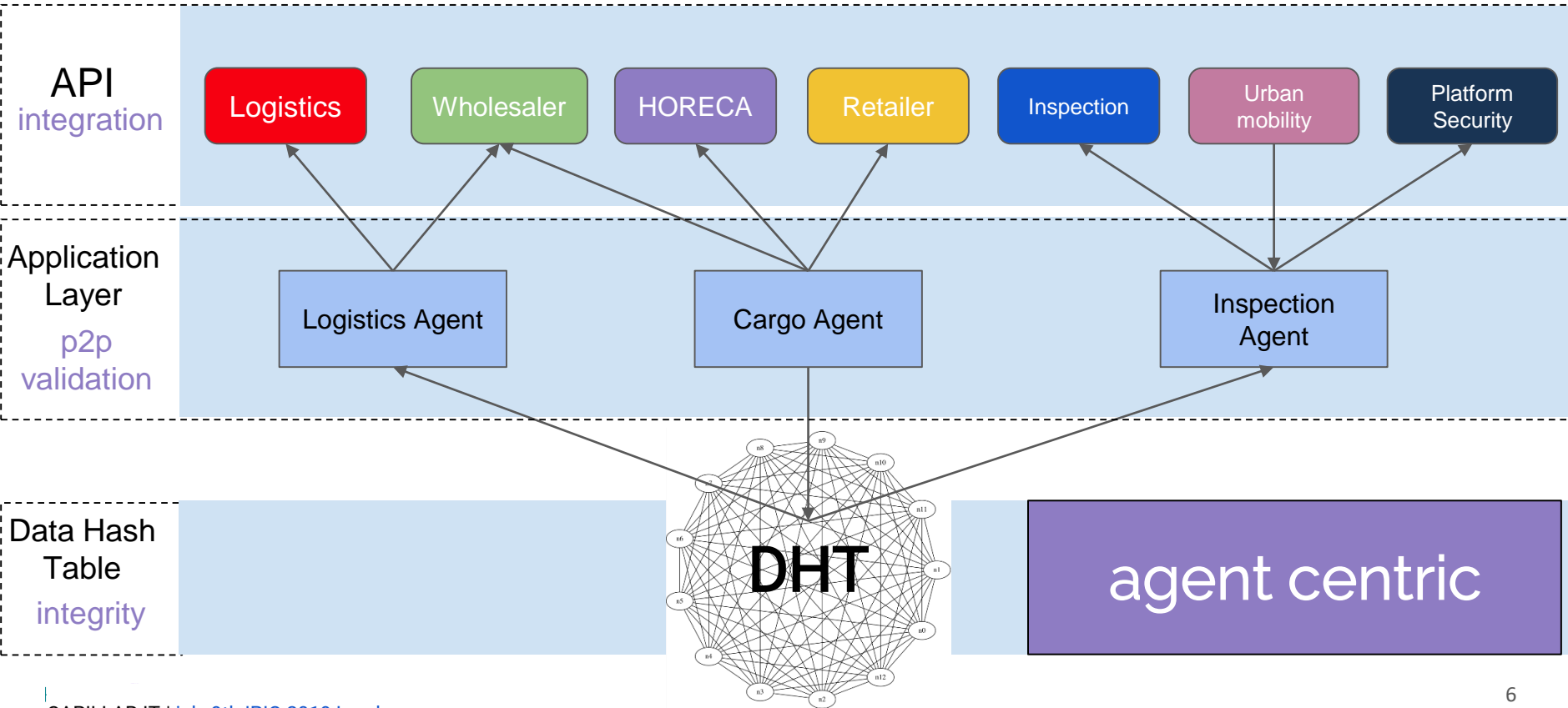
through mutualized tools

+ fully owned by themselves p2p

stepping business into digital economy

+ data | hosting | cryptocurrency

hApp 1 | mutualized urban distribution



this is today



this is today



this is today

→ 2nd largest mkt worldwide | 1st diverse portfolio

→ 100.000 tn / year urban distribution

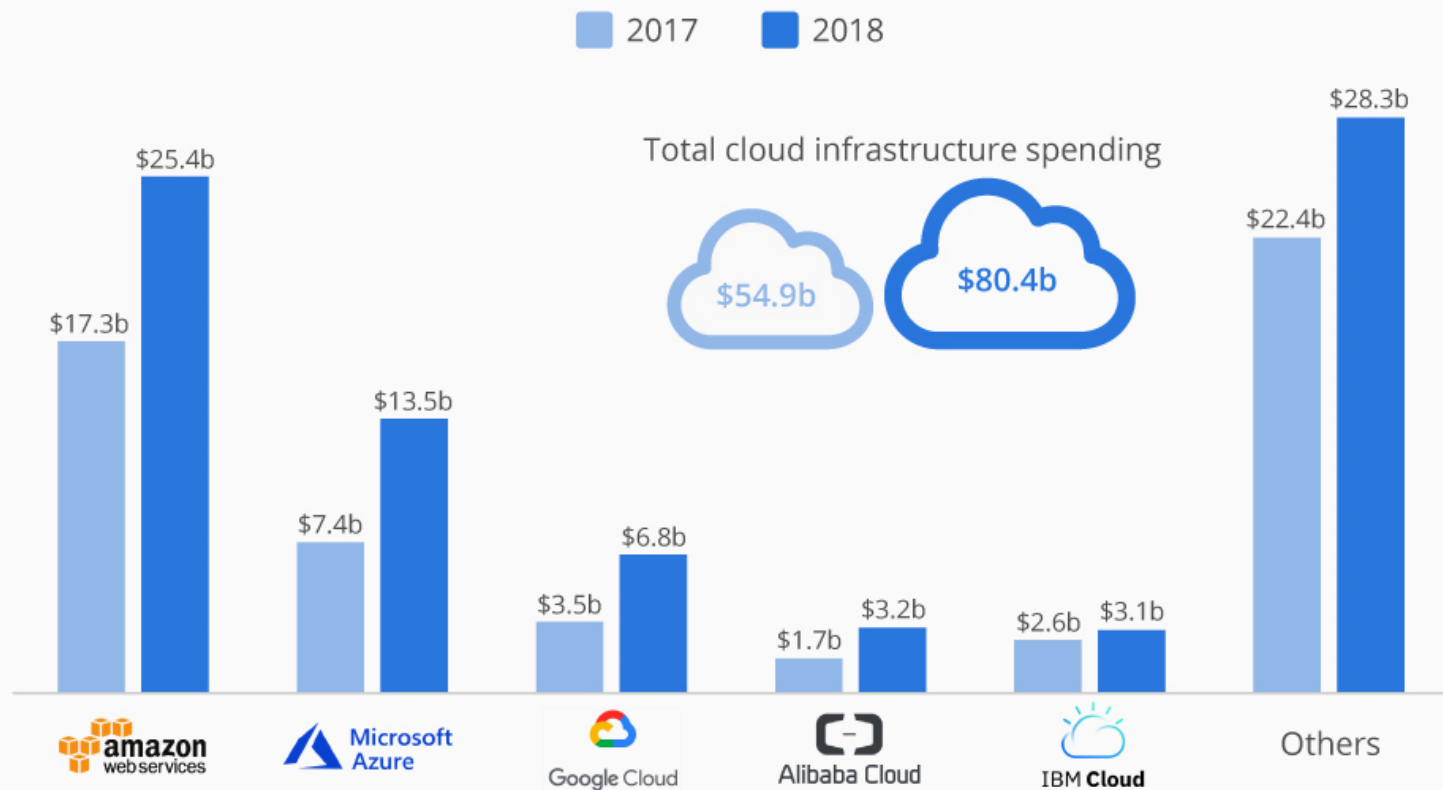
whilst

Cloud computing business at 5% of its potential



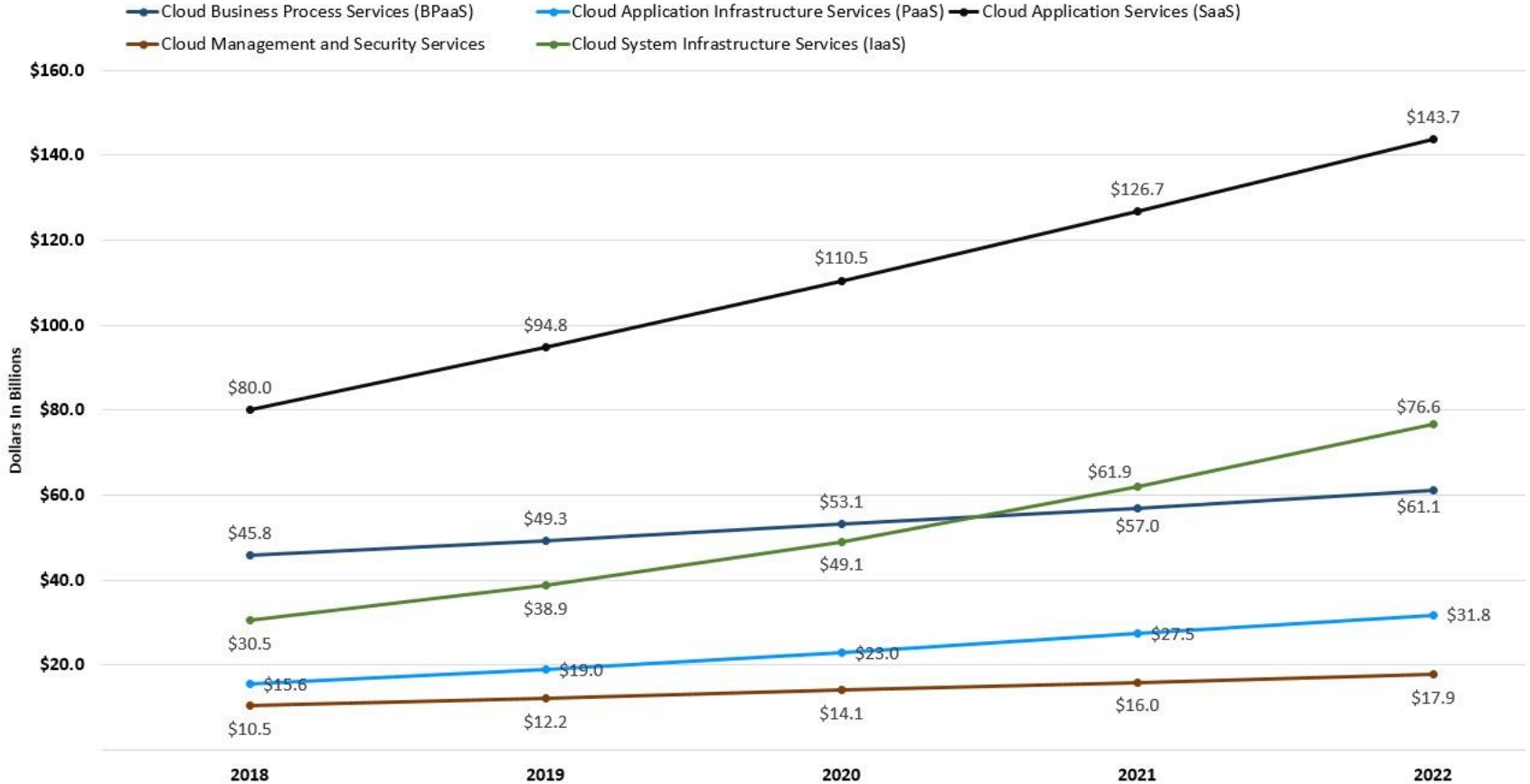
Amazon Captures 32% of \$80 Billion Cloud Market

Worldwide cloud infrastructure spending, by provider



Worldwide Public Cloud Service Revenue Forecast, 2018 - 2022

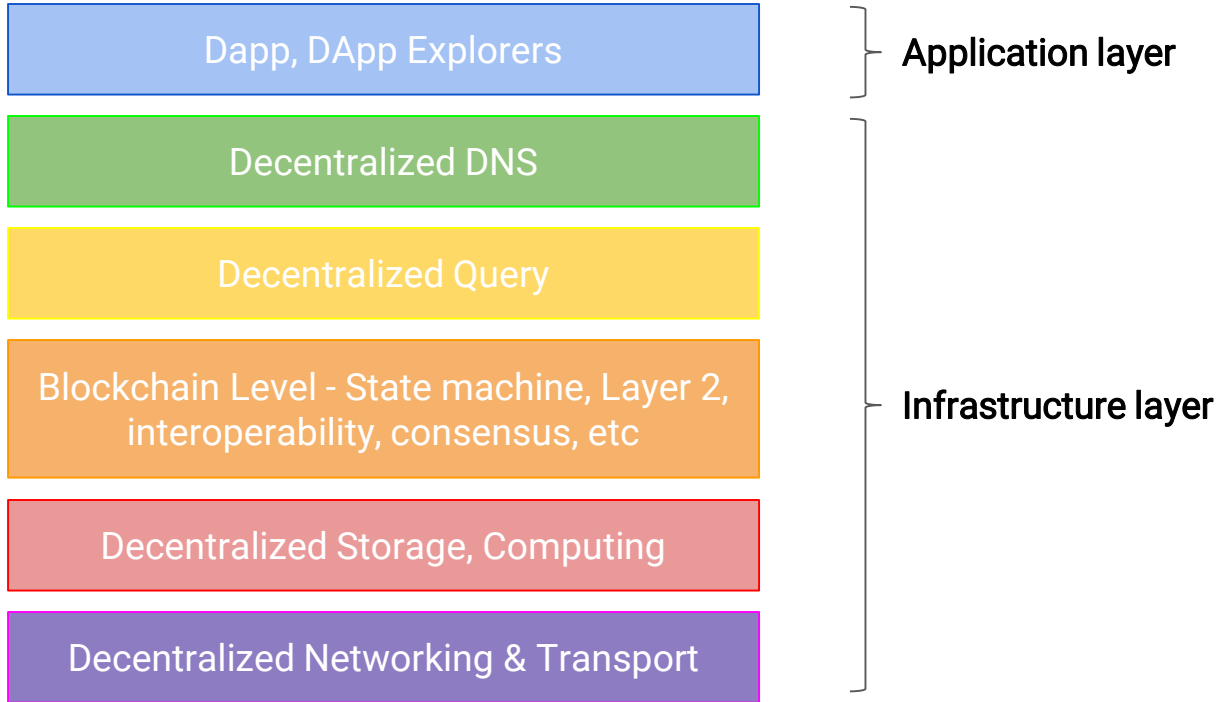
(Billions of U.S. Dollars) Source: Gartner April 2, 2019



15,408 views | Jun 8, 2018, 03:53am

Blockchain Is Critical To Future Of Data Storage -

Blockchain Is Critical



Blockchain Is Critical

Dapp, DApp Explorers

Decentralized DNS

Decentralized Query

Blockchain Level - State machine, Layer 2, interoperability, consensus, etc

Decentralized Storage, Computing

Decentralized Networking & Transport

} Application layer

}

}

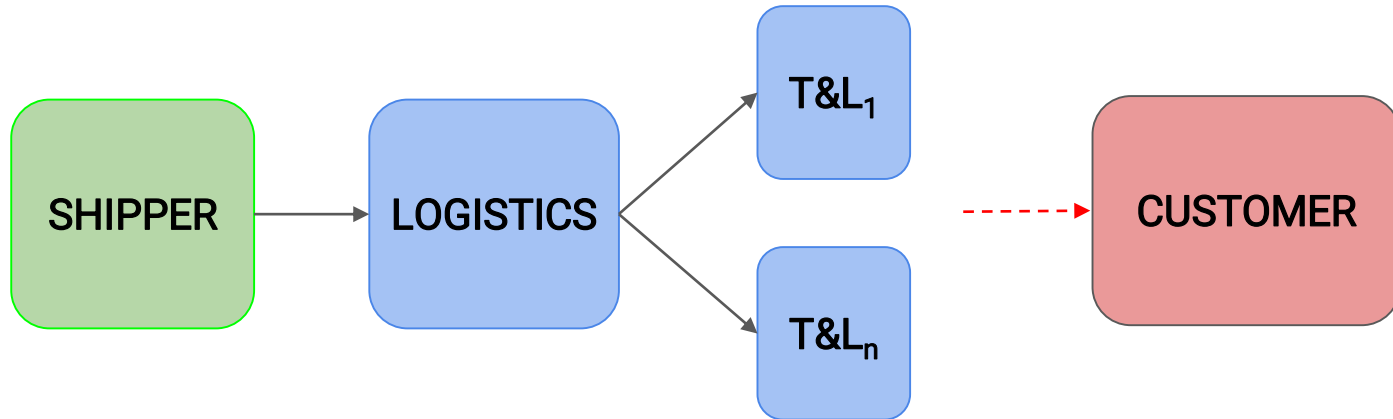
} Infrastructure layer

}

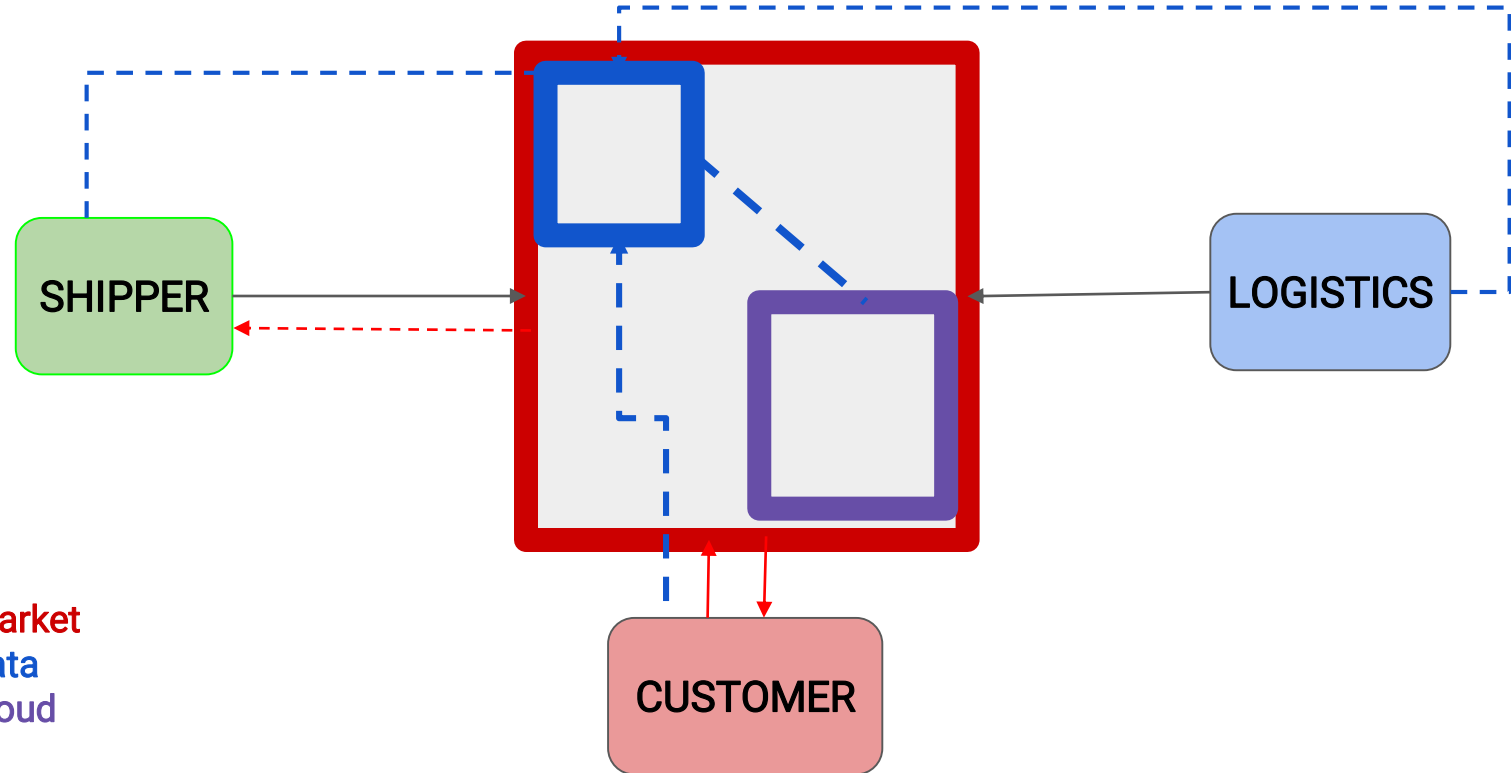
}

digital real estate

conventional logistic value chain

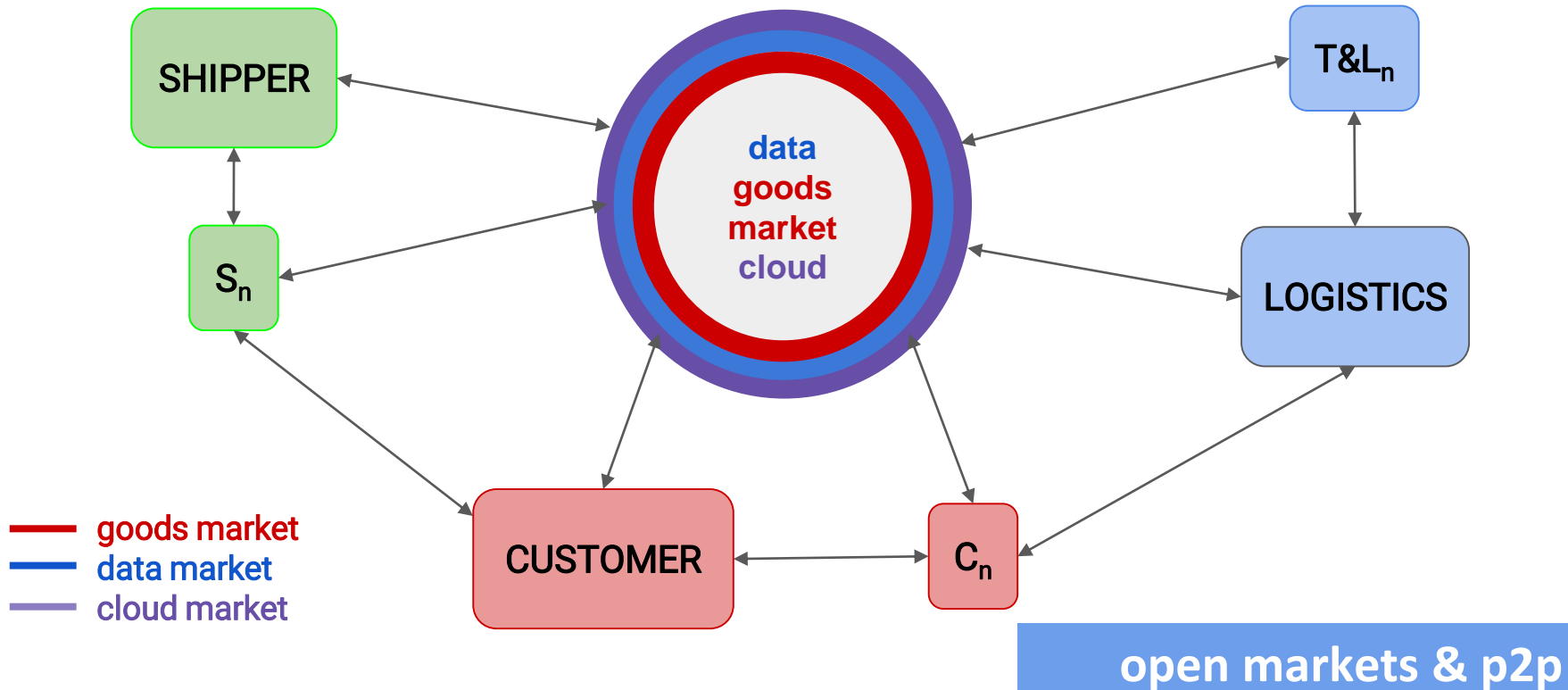


Amazon value chain



- market
- data
- cloud

capillar.it value chain



cases

case 1



case 1

Madrid



case 1

100.000 Tn / year



secondary processor



distributor /
wholesaler



retailer /
point-of-sale



consumer



restaurant /
point-of-service

Downstream

B2B2C with e-commerce

new channels |
products
| processes |
containers

case 1

4 phases

mutualized logistics & procedures

5 contributions

from digital exclusion to set the path

- customization trends
- business models
- regulation & verification

case 2



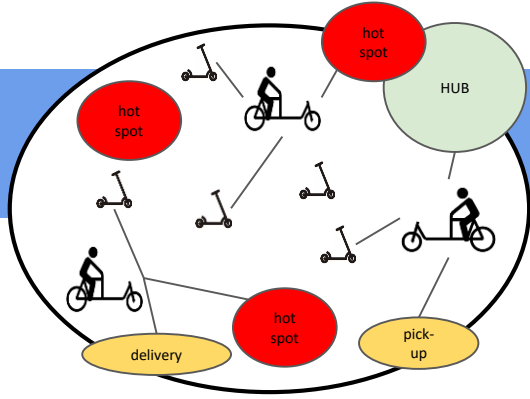
Namur BENELUX

case 2

a scooter is a 18kg parcel

Namur
BENELUX

CASE 2



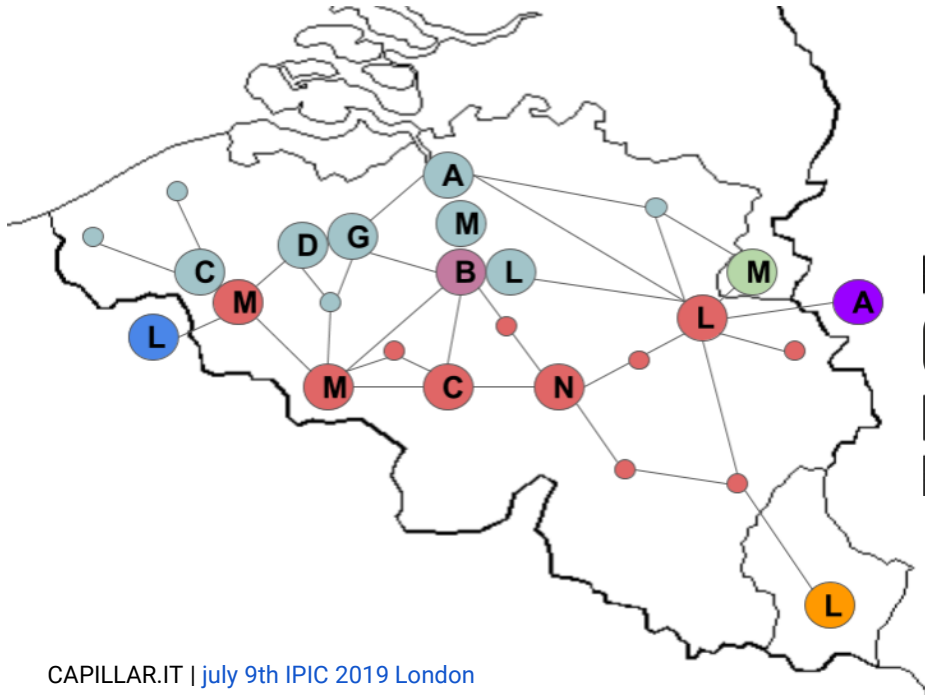
Operational *beyond cycle hunting*

Business development *extend portfolio & geo*

Business model(s) *systematise & scalability*

CASE 2

mutual scale up



BELGIAN
CYCLE
LOGISTICS
FEDERATION



CICLOLOGISTICA



50 companies
30 cities
10-20 to scale up



**EUROPEAN
CYCLE
LOGISTICS
FEDERATION**

CASE 3

mobility for consumption

mixed for people and goods

with subsequent synergies in back & front end

→ **e-commerce & last delivery**

come to pick up & experience + we arrive to (deliver) your experience

→ **eco restaurant**

decarbonize (suppliers & customers) last miles

mobility from consumption

business intelligence | shape & manage flows

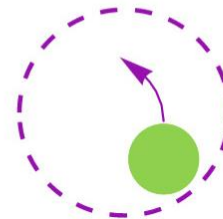
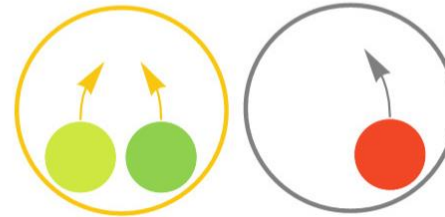
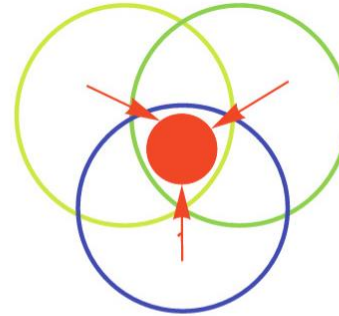
providing smart holistics systems

→ e-fleets | architectureS & real estateS | SW

→ size, design, test, deploy, scale up

who & where

-  **capillar.it**
-  **coursier wallon** cyclelogistics
Namur, Mons
-  **it optics** SW
GS1 France partner
-  **holochain** alter blockchain
Linux Hyper Ledger market
-  **el relevo** cyclelogistics
cooperative of enterprises
Madrid
-  **city Line** collaborative logistics
plan Marshall
Wallonia EU
-  **entrust** data economy
H2020 ICT13a 2019



a Physical Internet company

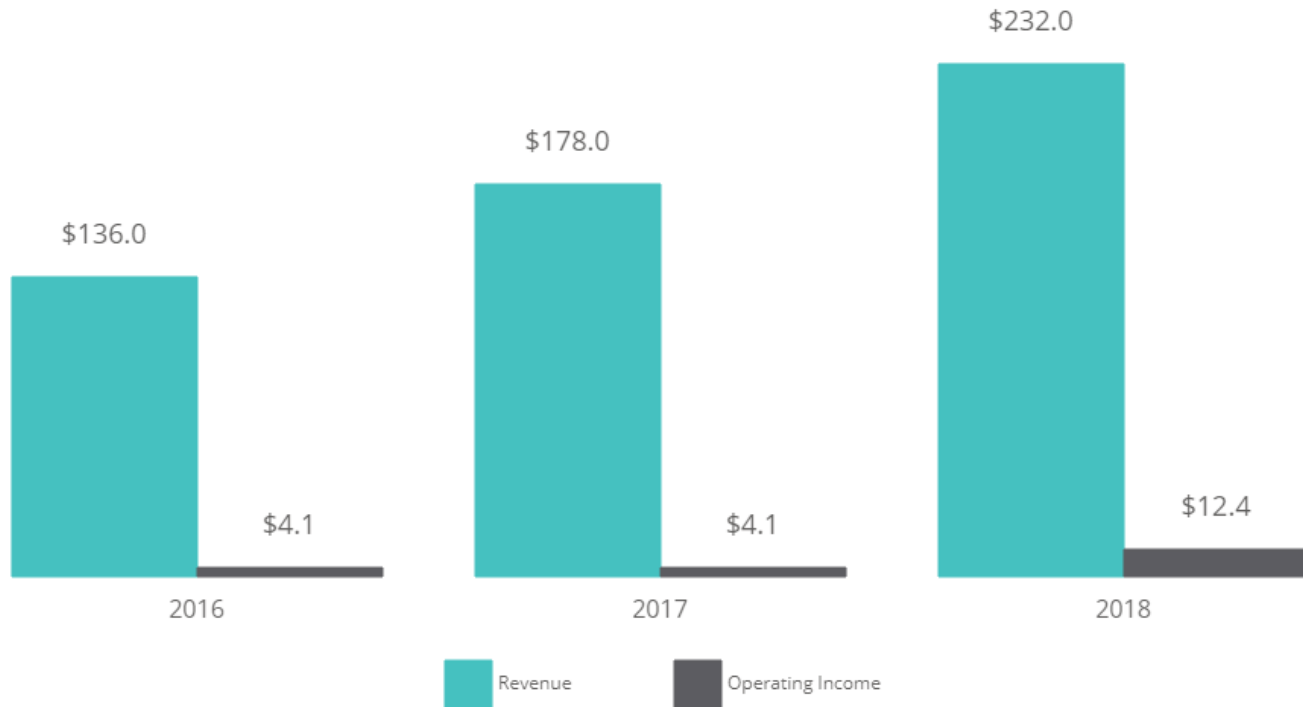
contributing to develop the Physical part of Internet
through logistics

Physical² Internet

our field of work

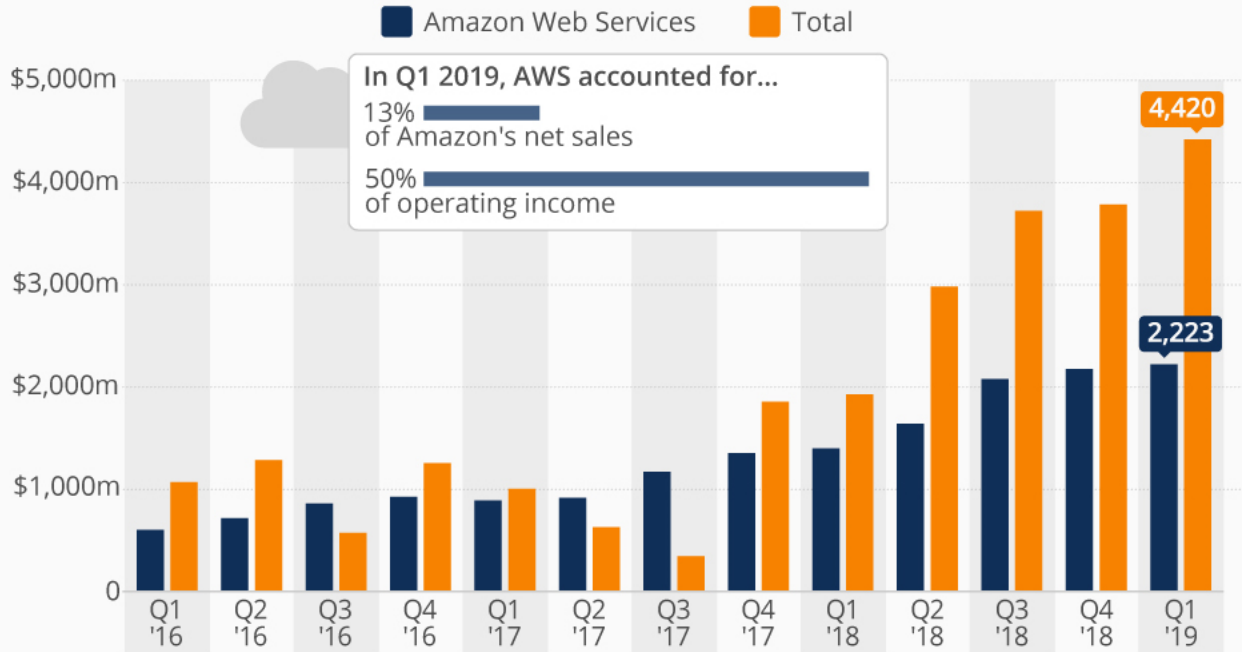
the playground | what makes us different

Amazon Revenue Analysis (in Billions)



Cloud Business Drives Amazon's Profits

Amazon's quarterly operating profit (in million U.S. dollars)



@StatistaCharts Source: Amazon

statista

Amazon Shipping Costs (in billions)



Source: Amazon earnings reports

GEEKWIRE

the playground

logistics spent > Inditex turnover worldwide (REF [3](#))
\$29.793 millions

60% of profits from cloud computing

the playground

The next AWS? Amazon emerges as a logistics heavyweight as it owns more delivery infrastructure

BY **TAYLOR SOPER** on June 28, 2019 at 9:45 am

the playground

→ customization disruption

→ in-synergies business model

→ digital real estate & logistics

the playground

DISCOUNTERS

A year after Amazon announced its acquisition of Whole Foods, here's where we stand

PUBLISHED FRI, JUN 15 2018 • 2:34 PM EDT | UPDATED FRI, JUN 15 2018 • 6:56 PM EDT

the playground

DISCOUNTERS

Distribución

A year aft Amazon incentiva a sus 4.800 empleados
Whole Fo españoles para crear sus propias empresas de
reparto

PUBLISHED FRI, JUN 15 201

the playground

DISCOUNTERS

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Amazon Invests in U.K. Food-Delivery Startup Deliveroo

The British meal-delivery service said it raised \$575 million in a recent funding round, led by the online retail giant

the playground

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ding round, led by the online

capillarity



in the customer-centric value chains we

shape flows

providing smart holistics systems

with capillary business intelligence

orchestrating synergies

and technology

triggering next wave of disruptive business

the playground | what makes us different

what makes us different

→ capillary logistics

→ capillary empowered **data analytics**

→ holochain technology

what makes us different

→ capillary logistics 4 axes

1. human | front & back ends

1. vehicles

1. built infrastructure urban real estate

1. digital technology | SW & infrastructure

what makes us different

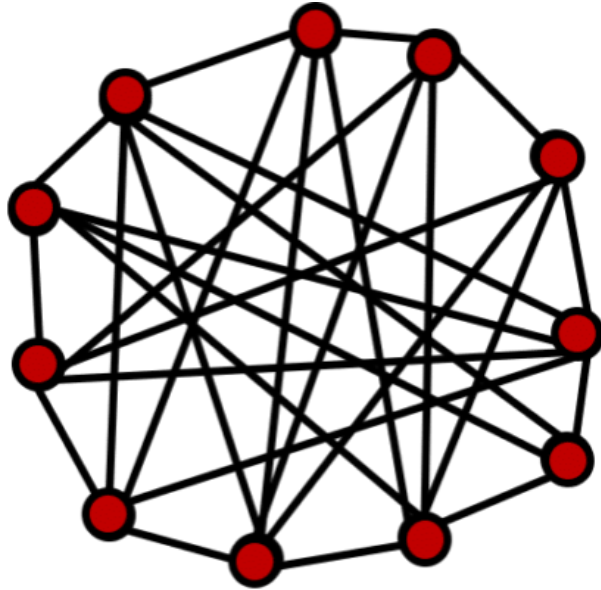
digital infrastructure

- architecture fits performance
- agents benefit from it

digital real estate

what makes us different

distributed Physical Internet



what makes us different

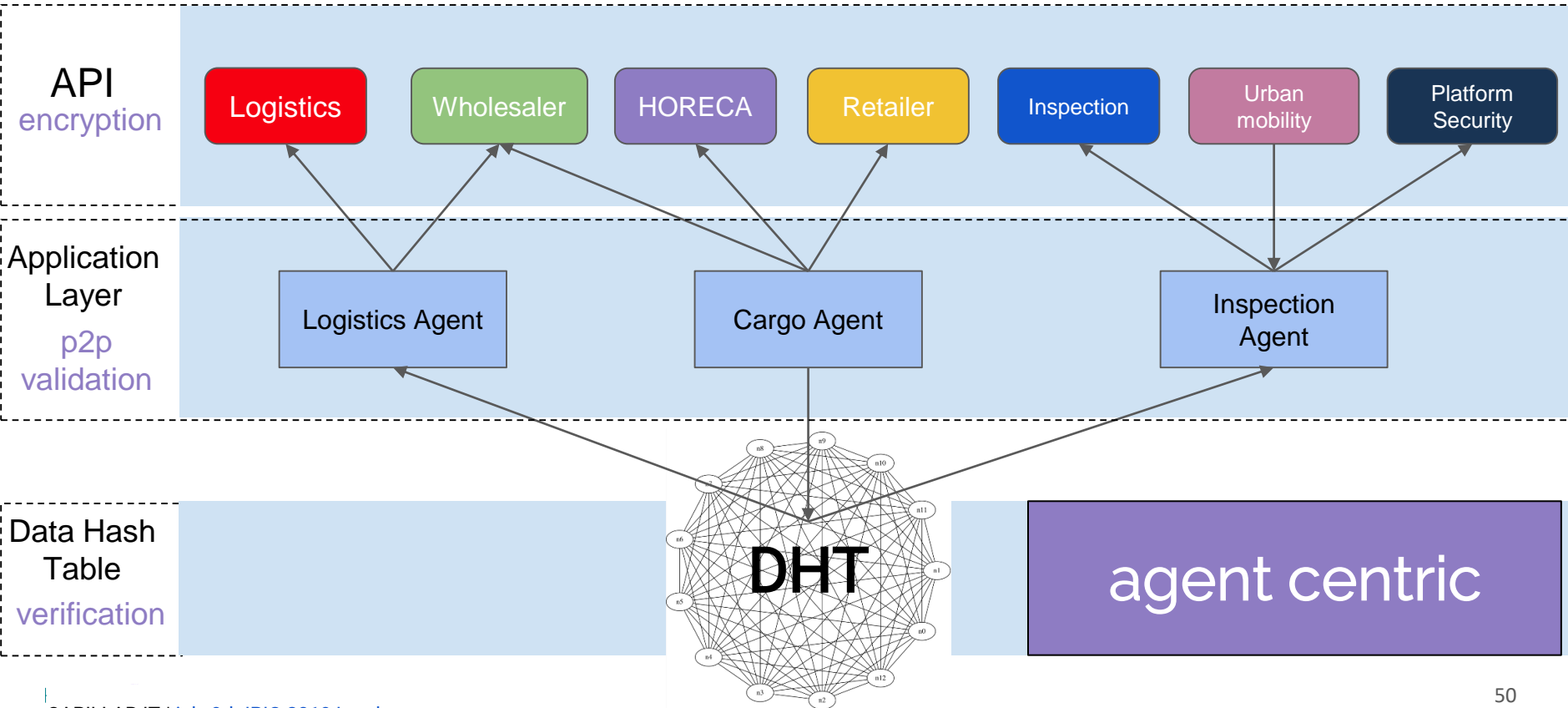
HOLOCHAIN | Linux of Hyper Ledger market

→ **DATA STRUCTURE** for distributed Apps

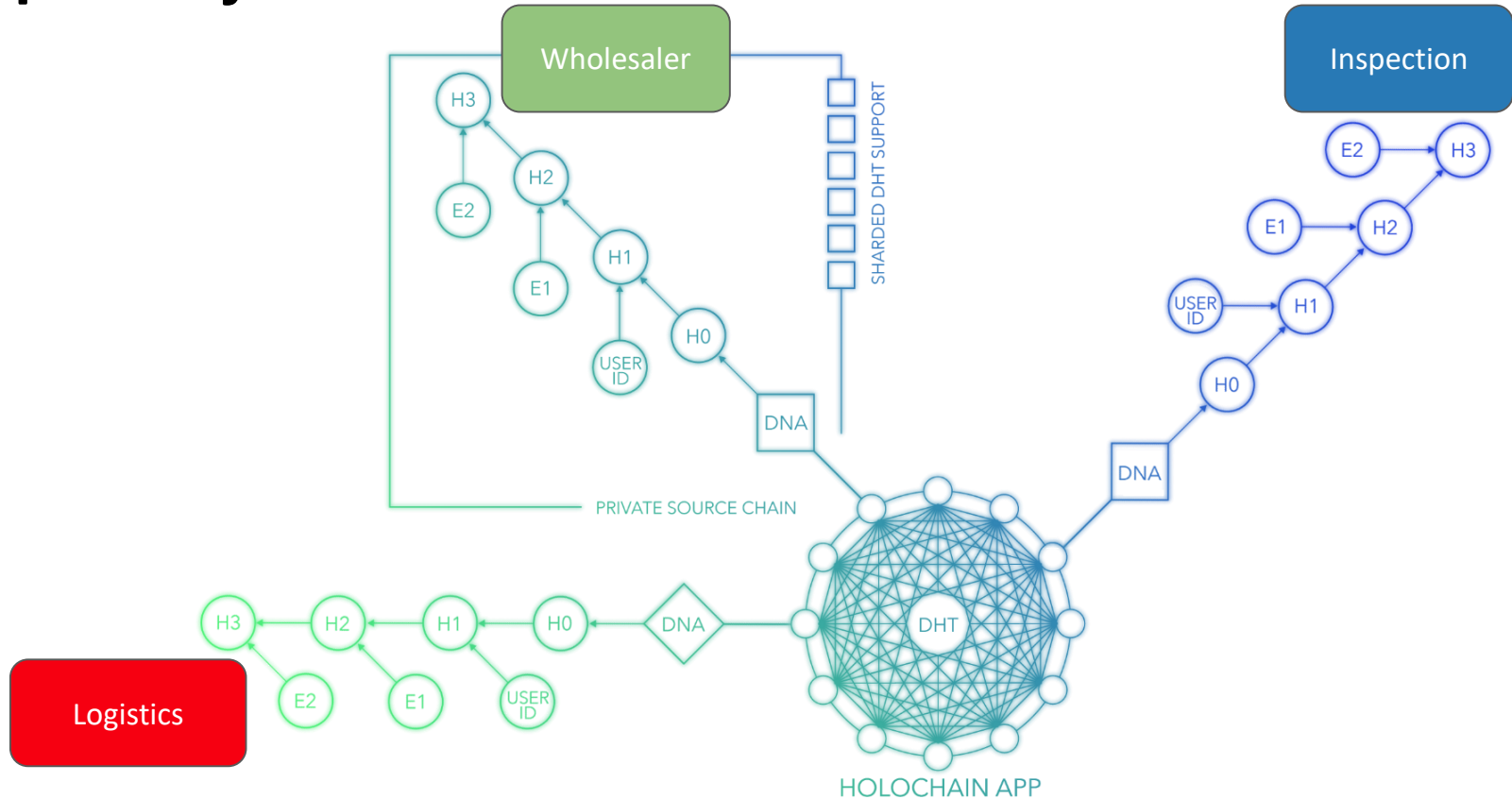
→ **SUPPORT** mutual credit & non monetary ccys

→ **POWERED by HOLO** cloud hosting AirBnb

hApp 1 | mutualized urban distribution



capillary is in the chain



what makes us different

HOLOCHAIN powered by HOLO

digital real estate optimized for

- **business integrity** data & hosting control & ownership
- interoperability
- scalability

our difference

next level of customization

opens and enables agents to enter
new businesses driven by digitalization

- data
- hosting | cloud airBnB
- funding | new crypto interactions

our difference

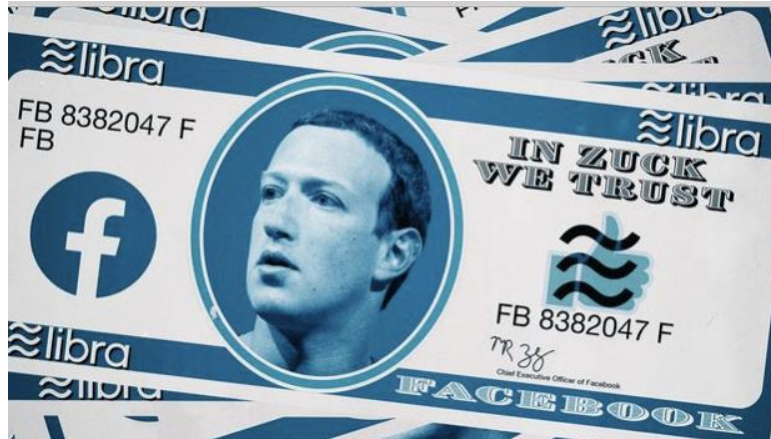
new crypto interactions | open funding
vs

just spending

our difference

new crypto interactions | open funding
VS

just spending



our difference

new crypto interactions | open funding
VS

just spending



A Cryptocurrency by Amazon Would Be a Game-Changer

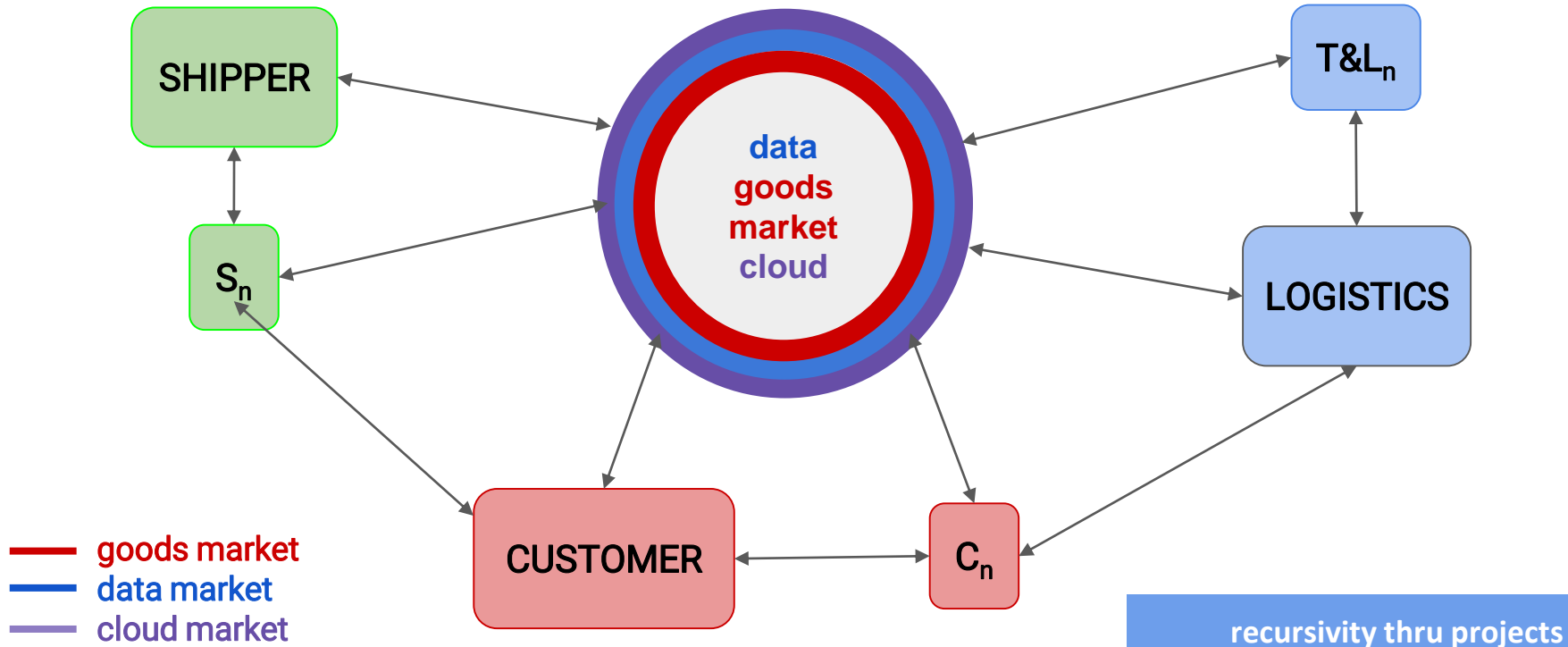
a year ago | Peter Compare

our difference

Amazon is quietly reshaping online commerce almost as dramatically as it reshaped offline commerce.

with zero transparency | control | access to make business

ownership & interoperability, by nature



seeds?

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