

Introduction to Sharing Economy Logistics



VRIJE
UNIVERSITEIT
BRUSSEL

Dr. Sara Verlinde – 28 March 2018

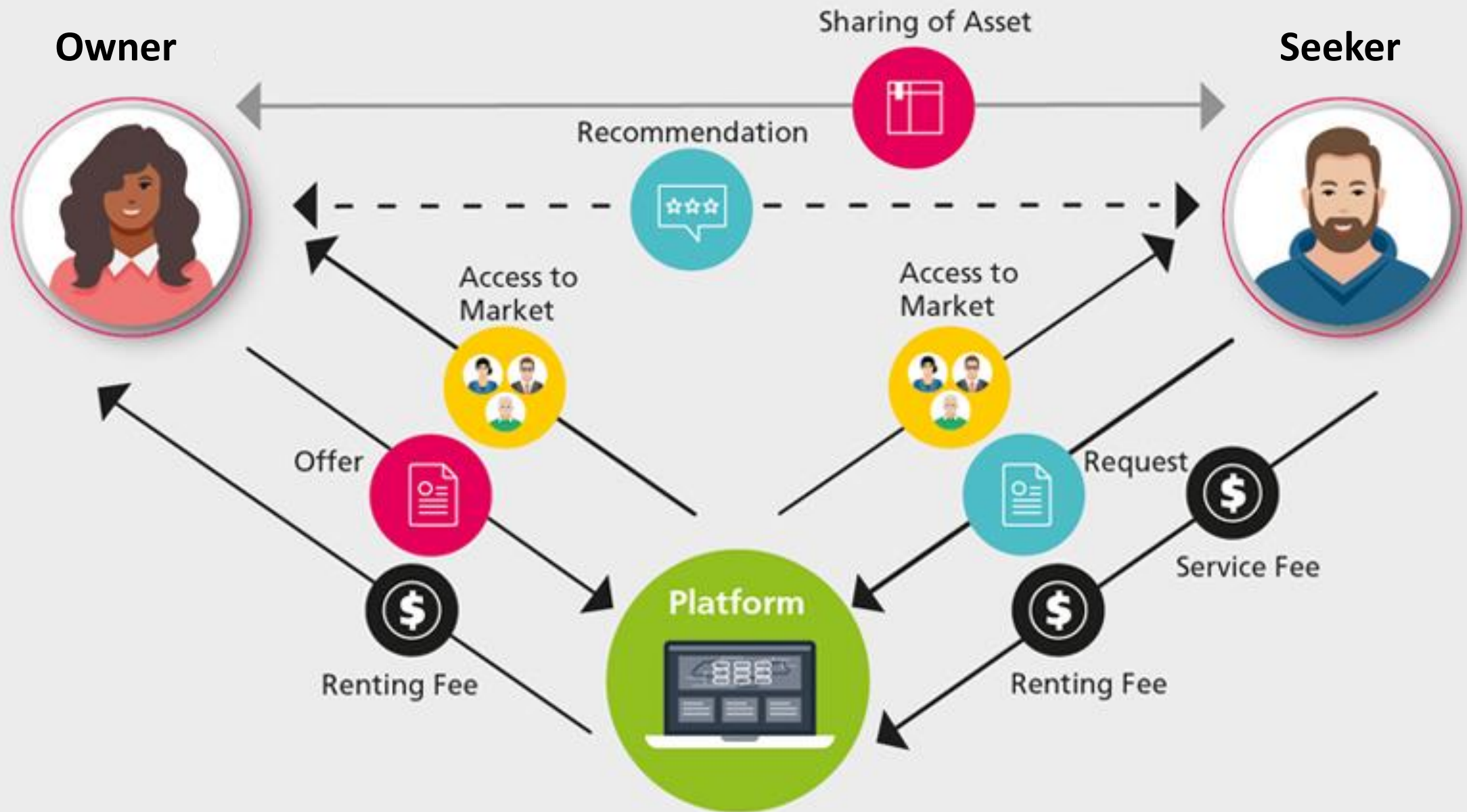




airbnb

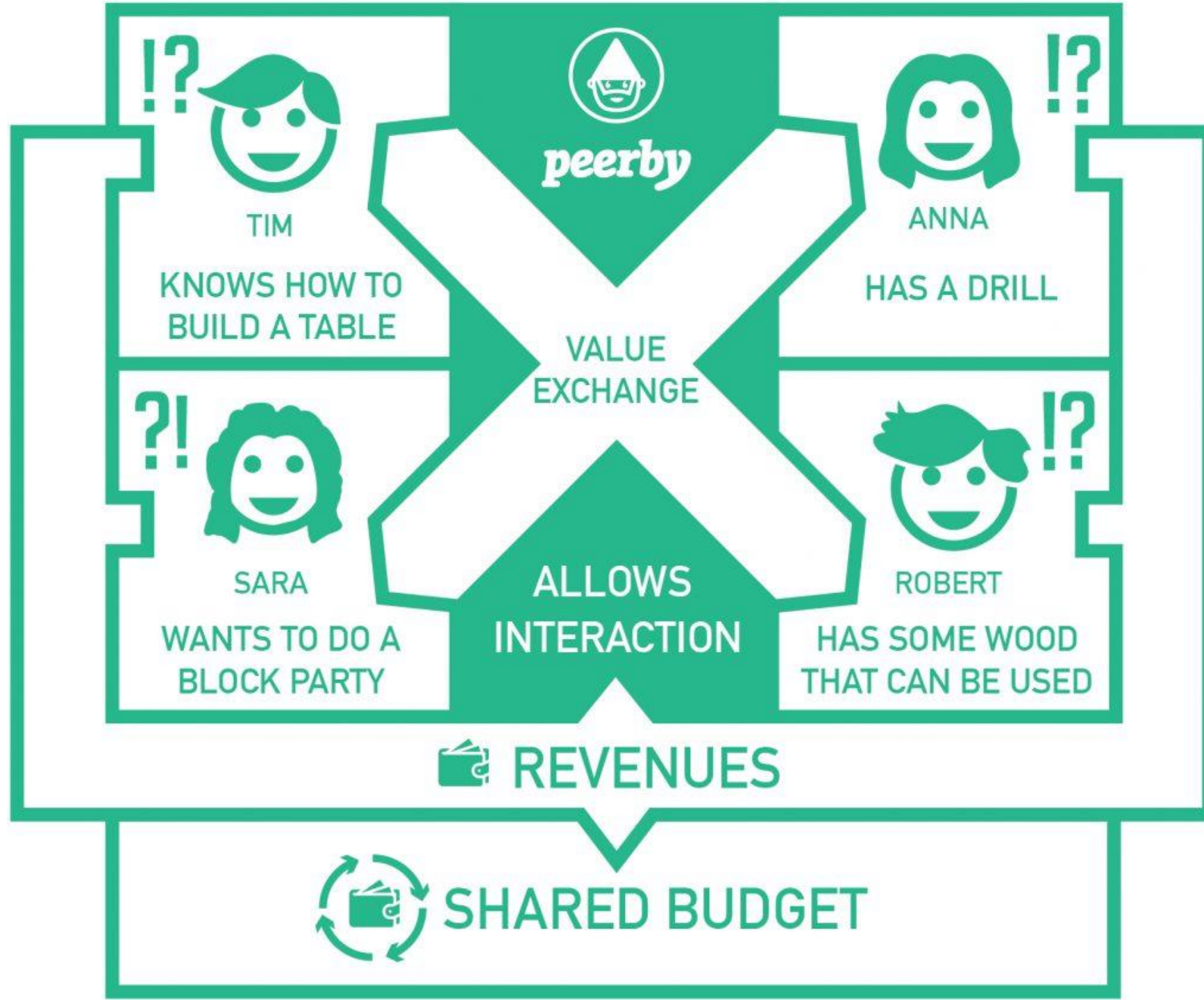
Bla Bla Car





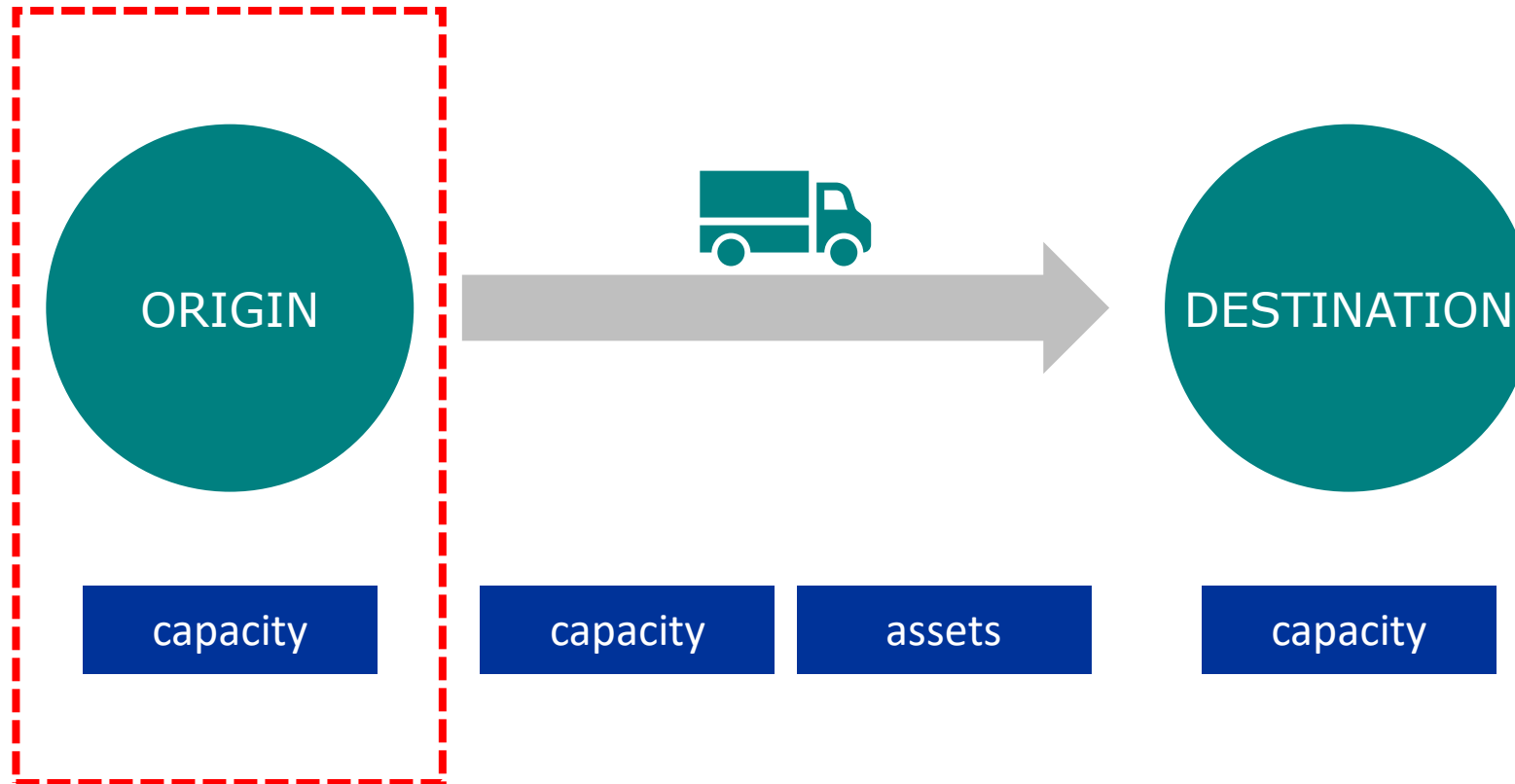
What does sharing economy
mean for logistics?

1. Logistics for sharing



2. Sharing in logistics

Sharing in logistics



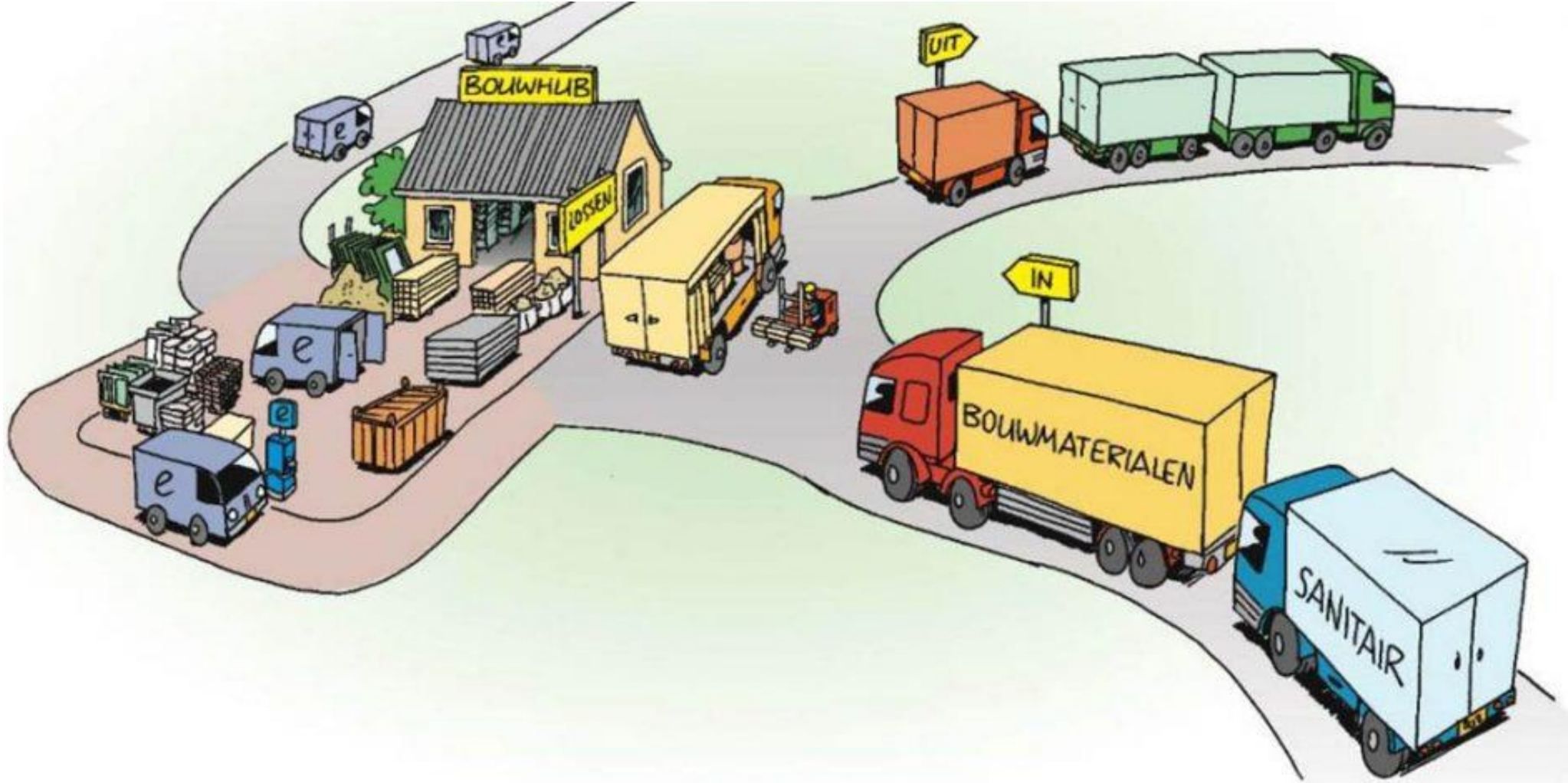
Multi customer warehouses



DHL Spaces: flexible sharing



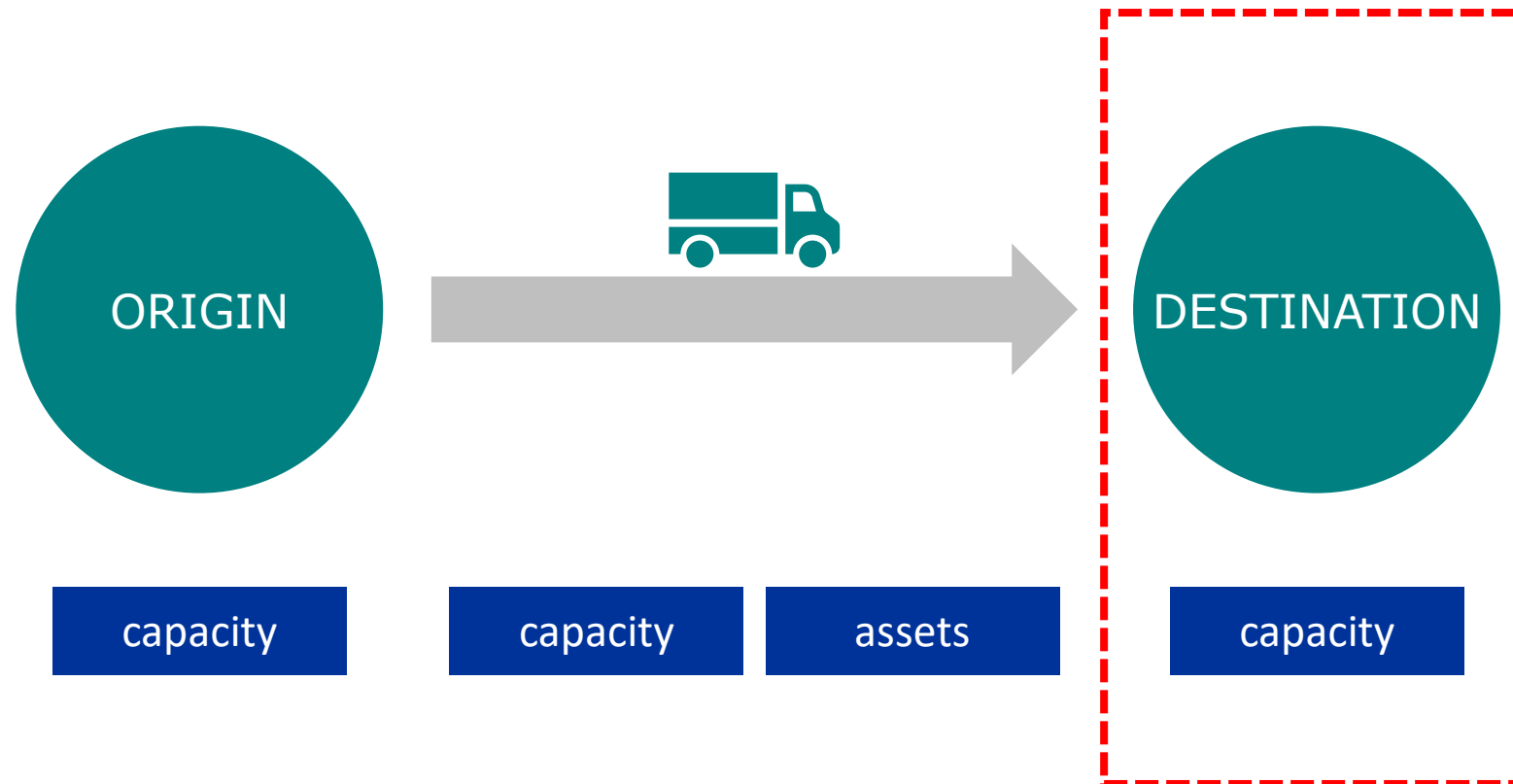
Consolidation centre



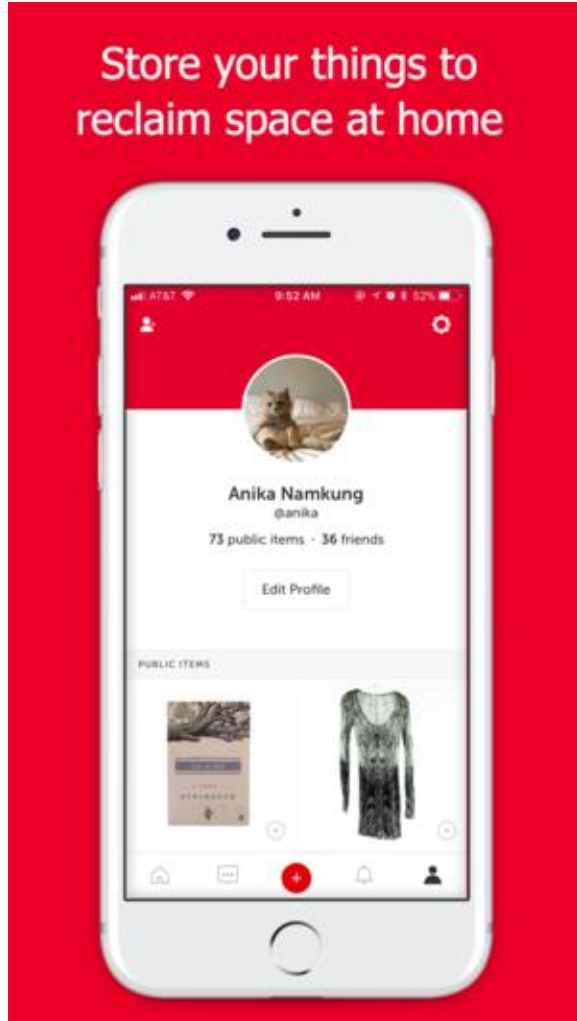
CityDepot: smart urban distribution



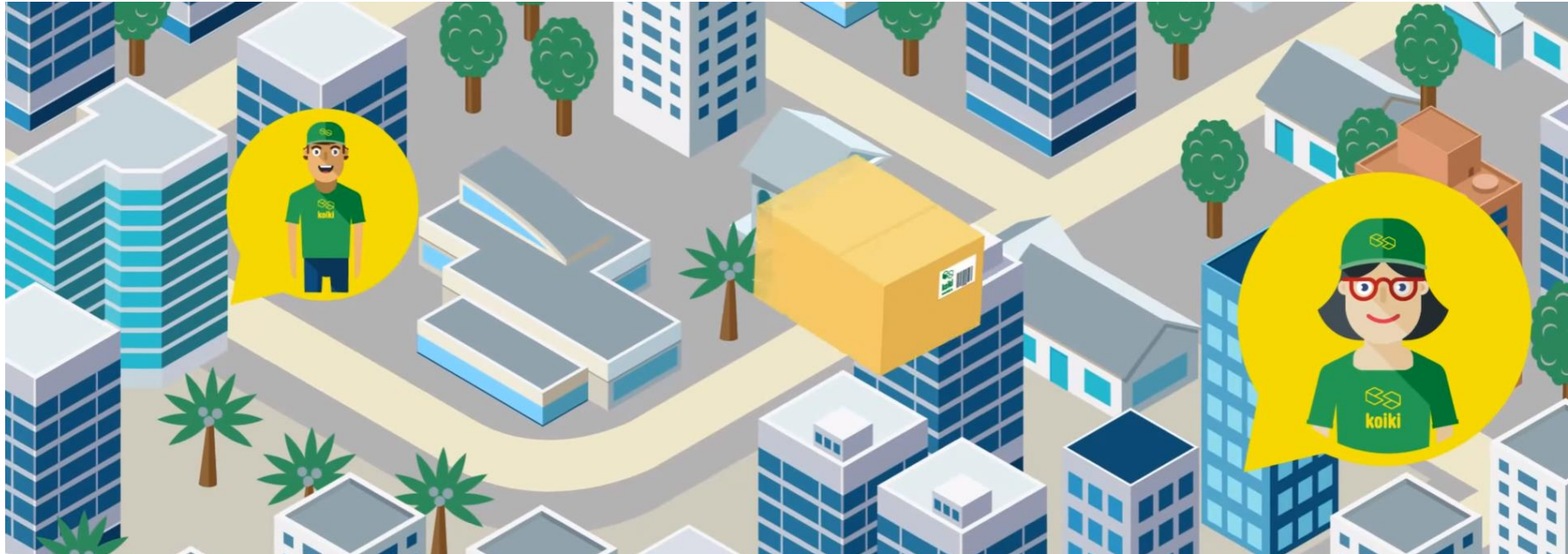
Sharing in logistics



Omni: on-demand access and storage



Koiki: neighbours as collection points



1. SHOP ON-LINE



Shop anywhere online and ship to your Koiki's address

2. SHIP TO YOUR KOIKI'S ADDRESS



Your Koiki is a neighbor living near you

3. SCHEDULE YOUR DELIVERY



As soon as the transport company delivers the package to your Koiki he will contact you, and you will specify the timing

4. GET YOUR STUFF



You will receive the package in your home at the time you want

Doddle: neighbours as collection points

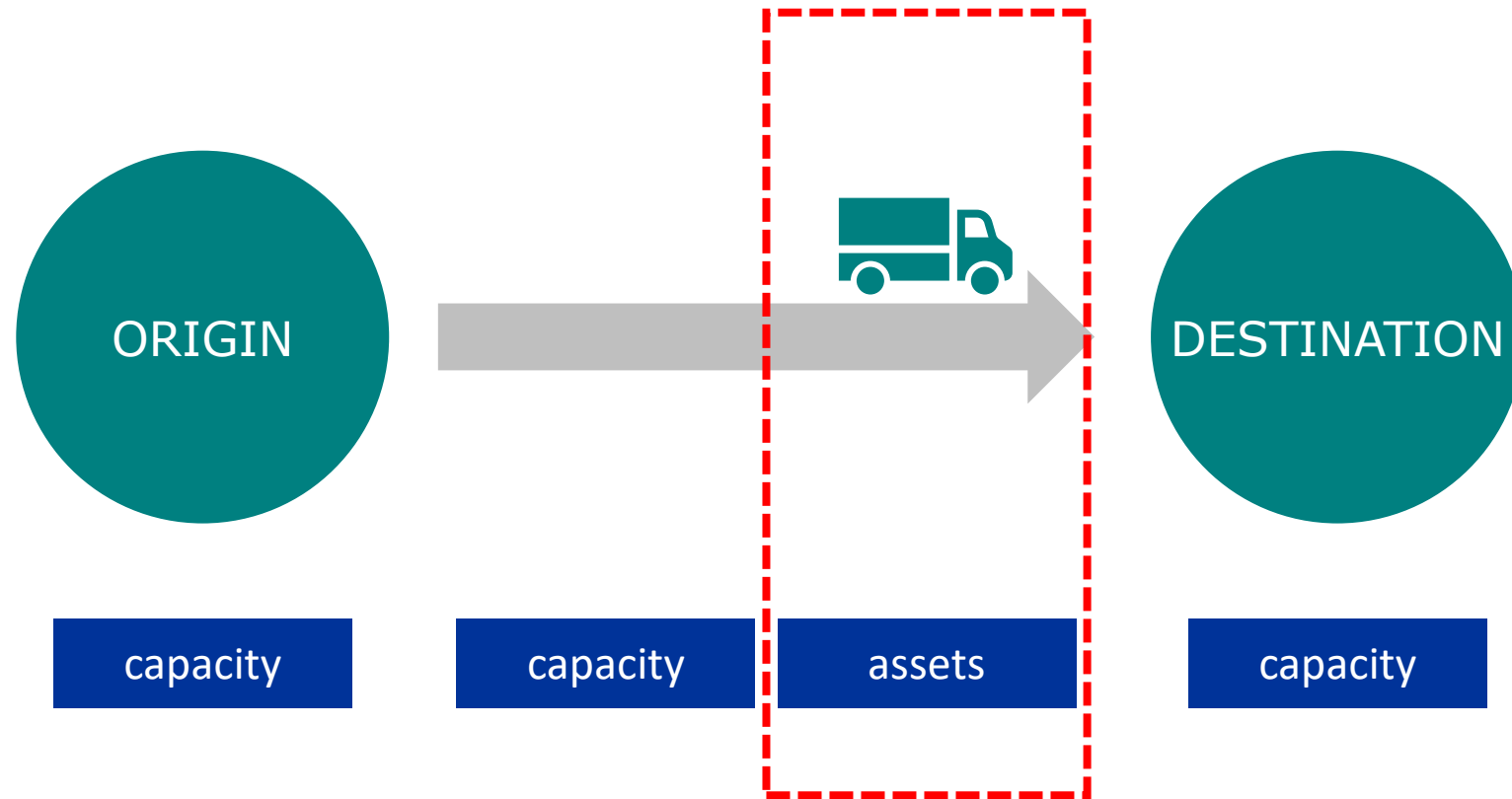


Doddle.
**WANTS
YOU!**
NOW YOU CAN
WORK FROM
HOME!



mumandworking.co.uk

Sharing in logistics

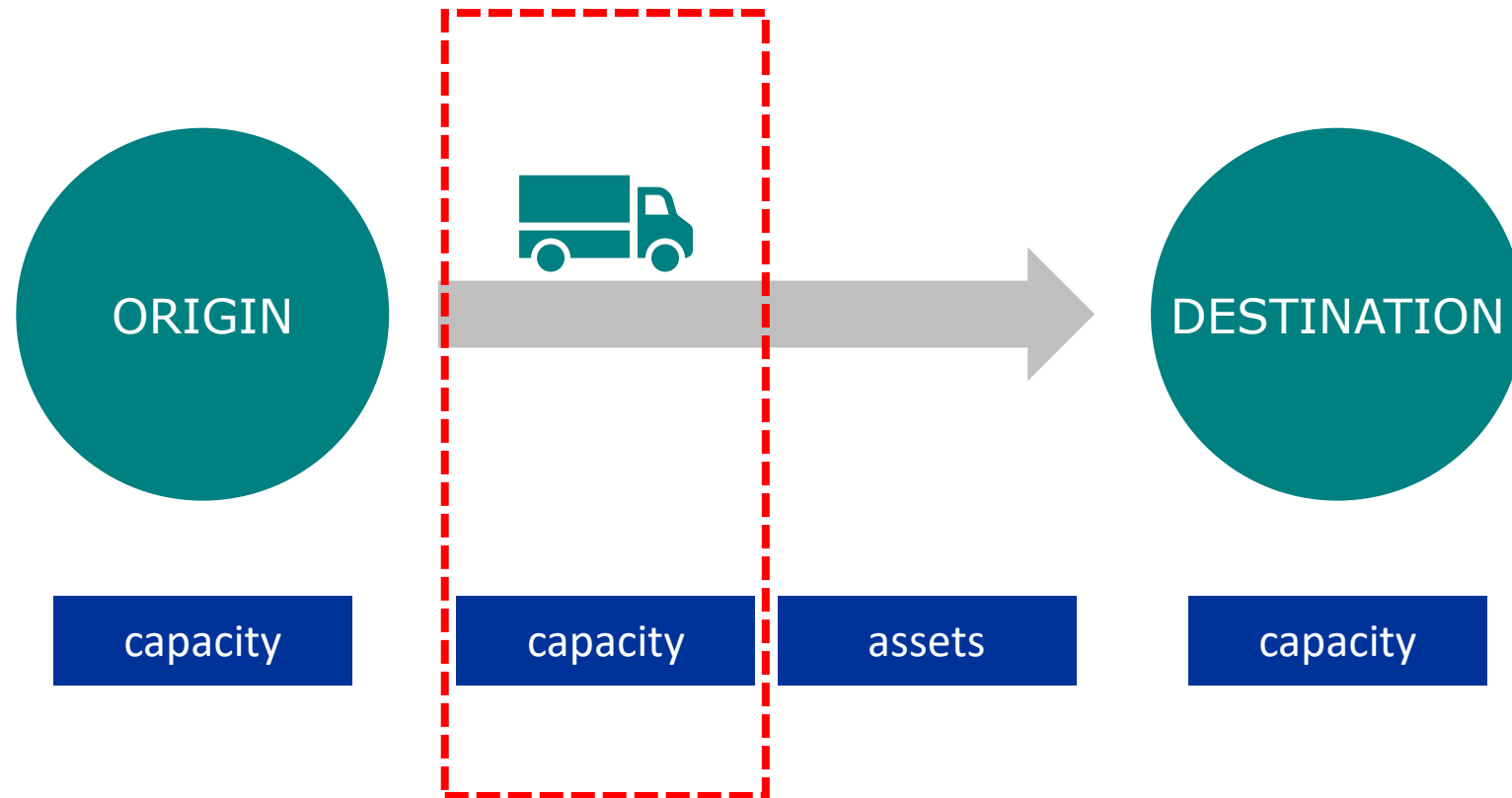


Asset sharing

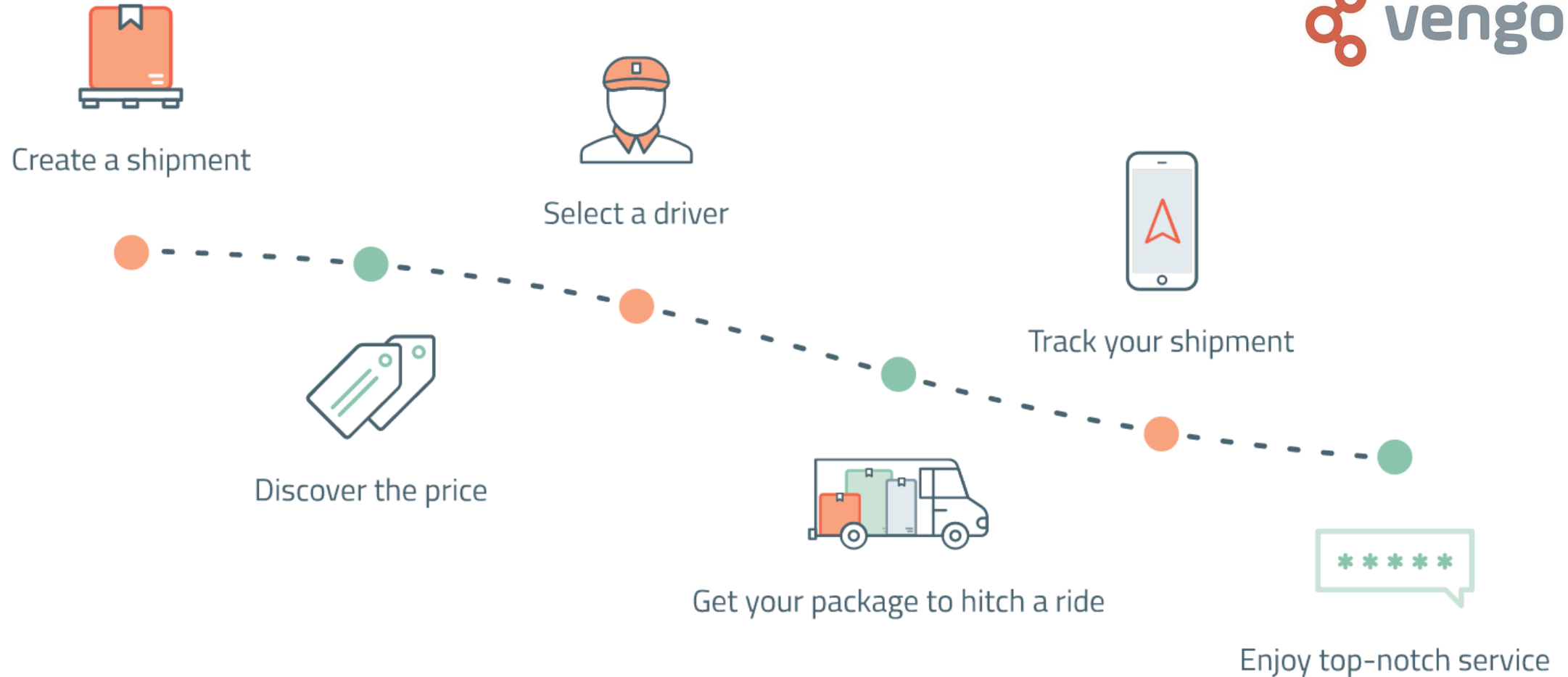
B2C ASSET SHARING



Sharing in logistics



Vengo: shipping platform



Bringr: crowd logistics

1

Klaar om te verzenden...



Je pakje is klaar voor verzending. Op het bringr-platform geef je eenvoudig de grootte (S, M of L) van het pakje op. Je kiest waar en wanneer het pakje opgehaald en geleverd moet worden en ziet meteen de kostprijs. Voor 75% van de verzendingen wordt binnen minder dan 5 minuten een bringr-chauffeur gevonden. Handig!

2

...onderweg...



Ook wanneer je pakje onderweg is, hou je het overzicht over de plaats en het tijdstip van de levering. Je kan op elk moment chatten met de chauffeur en de ontvanger, en je verliest je pakje niet uit het oog. Zo kan jij je focussen op je onderneming. Lekker efficiënt!

3

...aangekomen!

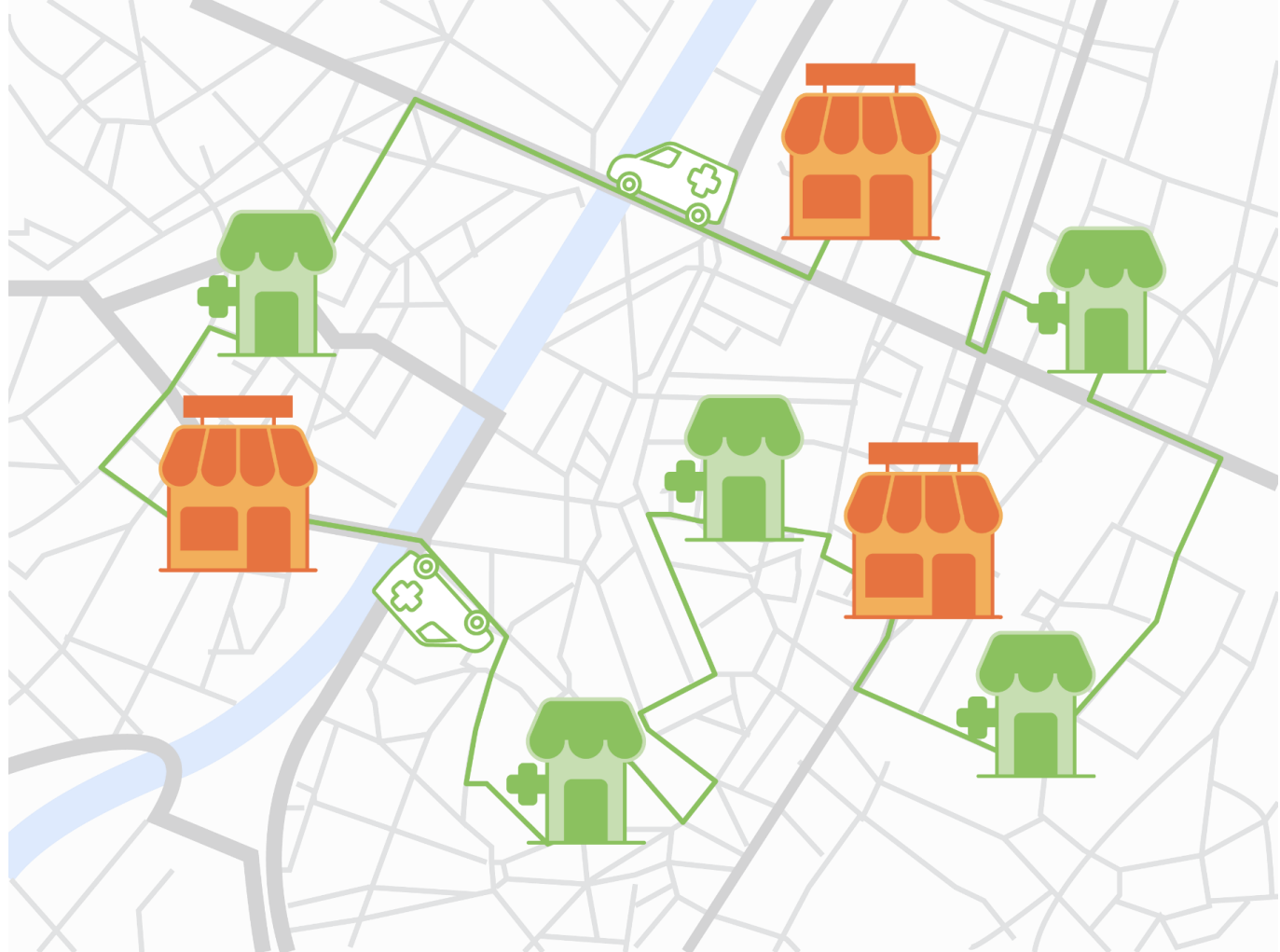


Je pakje komt aan. Een tevreden klant ontvangt de verzending op de locatie en het tijdstip van zijn voorkeur. Jij geeft de chauffeur een score. Bringr voert de betaling uit. Je kan je klant zelfs voor zijn bestelling laten betalen via bringr. Topservice!

P&G and Febelco in CITYLAB



Procter & Gamble



CITYLAB basics

Emission free city logistics in urban centres by 2030

- Improve **basic knowledge and understanding** about the impacts of freight distribution and service trips in urban areas;
- Develop, test and implement **innovative solutions**
 - **Reduce negative impacts** of freight vehicles
 - **Enhance business profitability**
- Provide a platform for **replicating and rolling out** the solutions

How we do it: Living labs

- Many demonstrations, but limited lasting implementations
- A new approach required, from individual, to freight partnerships, to city logistics living labs
- Collaboration industry, local authorities and research
- Shared goals



CITYLAB partners



STEEN  STROM
WE ENRICH MODERN SHOPPING



Meware



Posteitaliane



**TRANSPORT
FOR LONDON**



UNIVERSITY OF
GOTHENBURG



Vrije
Universiteit
Brussel



BRUSSELS MOBILITY
BRUSSELS REGIONAL PUBLIC SERVI



IFSTTAR



MAIRIE DE PARIS



TNO



ROTTERDAM

UNIVERSITY OF
Southampton



CITYLAB implementations

Axes for intervention	Implementation	City	Partner
Highly fragmented last-mile deliveries in city centres	Growth of consolidation and electric vehicle use	London	TNT and Gnewt Cargo
	City centre micro-hubs and clean vehicles	Amsterdam	PostNL
	Increasing load factors by utilising spare van capacity	Brussels	Procter & Gamble
Inefficient deliveries to large freight attractors and public administrations	Joint procurement and consolidation	Southampton	Meachers Global Logistics
	Common logistics functions for shopping centres	Oslo	Steen & Strøm
Urban waste, return trips and recycling	Integration of direct and reverse logistics	Rome	Poste Italiane, Meware
Logistics sprawl	Logistics hotels	Paris	SOGARIS



CIVITAS Urban Freight Conference

Joint Project Conference: CITYLAB, NOVELOG, SUCCESS, U-TURN

23-24 April 2018

Venue: **LA TRICOTERIE**, Rue Théodore Verhaegen 158, 1060 Bruxelles

The EU-funded [CITYLAB](#), [NOVELOG](#), [SUCCESS](#), [U-TURN](#) projects join forces and invite you to the **CIVITAS Urban Freight Conference**, an interactive event including presentations, posters and exhibitions, breakout and training sessions, workshops and awards.

Participants will discuss new cooperation models for engaging and supporting public and private actors, the future of urban logistics, as well as specific topics as stakeholder cooperation, policy and regulation, planning for freight, technology, data collection and management.

The event will also feature interactive dialogue with US stakeholders, including the US Department of Transportation, currently partnering with the European Commission for the Urban Freight R&D Twinning Initiative.



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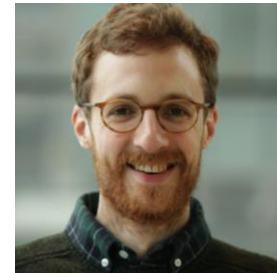


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