

Verpakken in E-DC's

Trends en Technologieën



GROENEWOUT



Coolblue heeft zonnecellen in zijn blauwe verpakkingen verwerkt. Consumenten kunnen dankzij de zonnecel in het pakket hun telefoon, tablet of laptop opladen. Daarmee lijkt Coolblue ook dit jaar werk van 1 april te maken.



De pakketpanelen in de verpakkingen bevatten door Coolblue ontwikkelde AVEG microzonnecellen. Hoe groter het pakketje, hoe groter het pakketpaneel en daarmee het apparaat dat de klant van stroom kan voorzien. Met een klein pakketje kan een telefoon



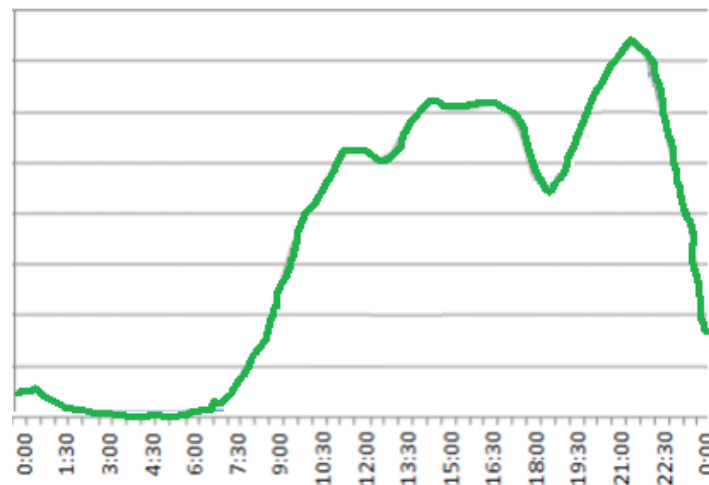
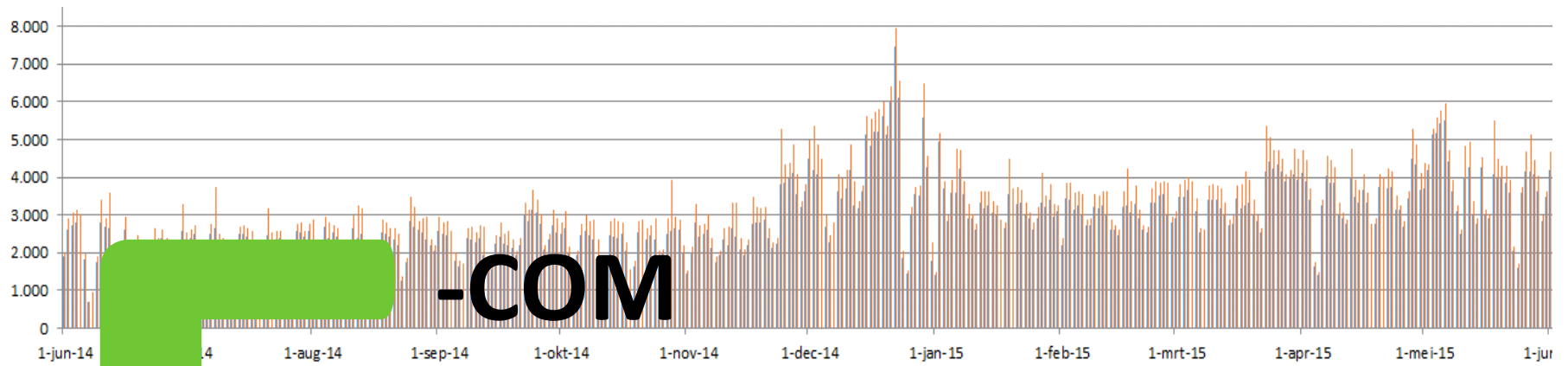


GROENEWOUT

Supply Chain
Management

Interne
Logistiek

Bouw ontwerp
begeleiding





GENERATION

Z



E

-COM TRENDS

THICS

XPERIENCE

ASY

MPLOYEES



ETHICS



E THICS

HOW MUCH DOES E-COMMERCE CARE?

COMPANY		amazon	asos		ebay	Flipkart	JD.COM
GMV (2016)	\$463B	\$225.6B (2015)	-	\$5B	\$83.76B	-	\$99.6B
PUBLIC SUSTAINABILITY POLICY?	✓	✓	✓	✓	✓	✗	✗
DO THEY PUBLISH THEM?	✓	✗	✓	✗	✓	✗	✗
TRACKS AND REPORTS ITS CARBON EMISSIONS?	✗	✗	✓	✗	✓	✗	✗
OFFSETS EMISSIONS?	✓	✓	✓	✗	✗	✗	✗
USES RENEWABLE ENERGY?	✓	✓	✓	✗	✓	✗	✗
USES SUSTAINABLE PACKAGING?	✓	✓	✓	N/A	N/A	N/A	N/A
HAS A LABOUR RIGHTS POLICY?	✗	✗	✓	✗	✓	✗	✗
HAS A SUSTAINABLE PROCUREMENT POLICY?	N/A	✓	✓	✗	N/A	✗	✗
RESPONDED TO EB ENQUIRIES?	✓	DECLINED COMMENT	✓	✓	✓	✗	✗



E XPERIENCE

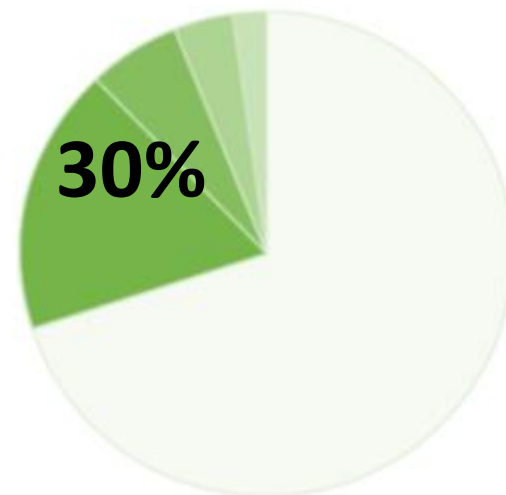

95%
YouTube


69%
Instagram

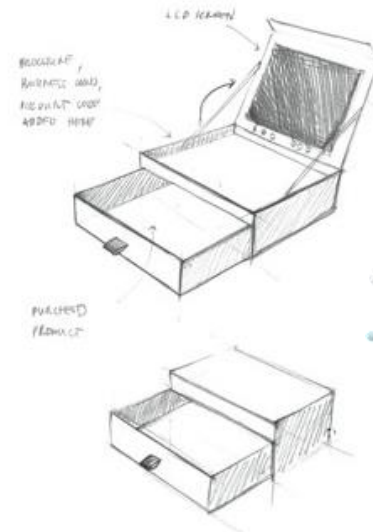
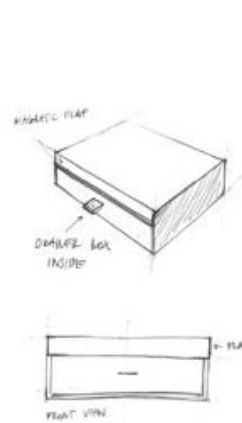

67%
Snapchat


67%
Facebook

-  Ja, via mond-tot-mondreclame
-  Ja, via sociale media ,
zowel positief als negatief
-  Ja, via sociale media ,
enkel positief
-  Ja, via sociale media ,
enkel negatief



E XPERIENCE



e@Box launch: DS Smith delivers e-commerce WOW factor to FachPack 2018

Email Print Share [f](#) [t](#) [in](#) [+](#) - A +

27 Sep 2018 --- DS Smith's most recent e-commerce package is currently exhibiting at this year's FachPack in Nuremberg. The e@Box pushes the boundaries of e-commerce packaging by combining both primary and secondary packaging in a stylish, sustainable and protective single solution. **PackagingInsights** caught up with the e@Box designer, Quas Volker of DS Smith, just before he collected the Deutscher – Verpackungspreis (German Packaging Award) for his design.



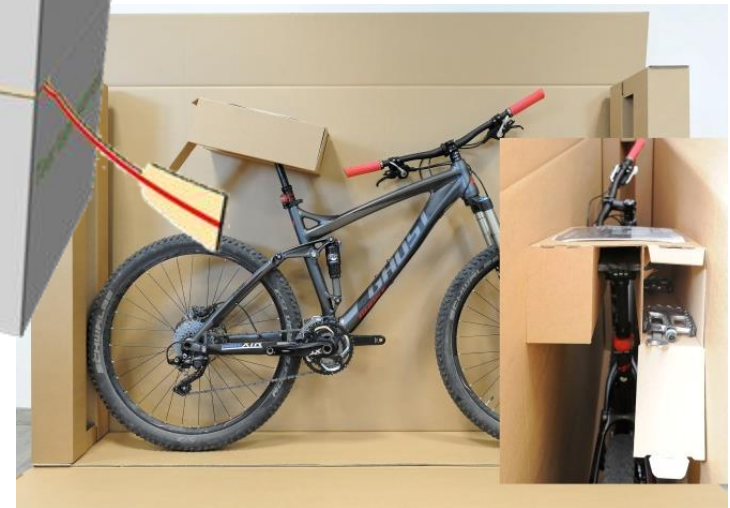
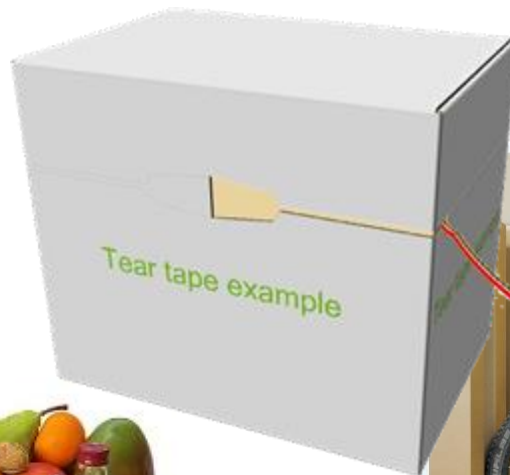
"The inspiration for the e@Box derived from different market trends in e-commerce. Two of the biggest trends are gifting and unboxing. We have a lot of different packaging solutions for e-commerce but we missed a special solution for unboxing only," says Volker.

"With the help of internal workshops we have designed the e@Box, which can deliver a great WOW effect during the opening. The WOW effect is helping our customers to generate a high recognition effect for their brand and support the reselling of its products."

"The e@Box is a perfect frustration free packaging solution which is reducing risks and at a lower cost. It can increase sales in the e-commerce business area if a high added value packaging solution is required," he explains.



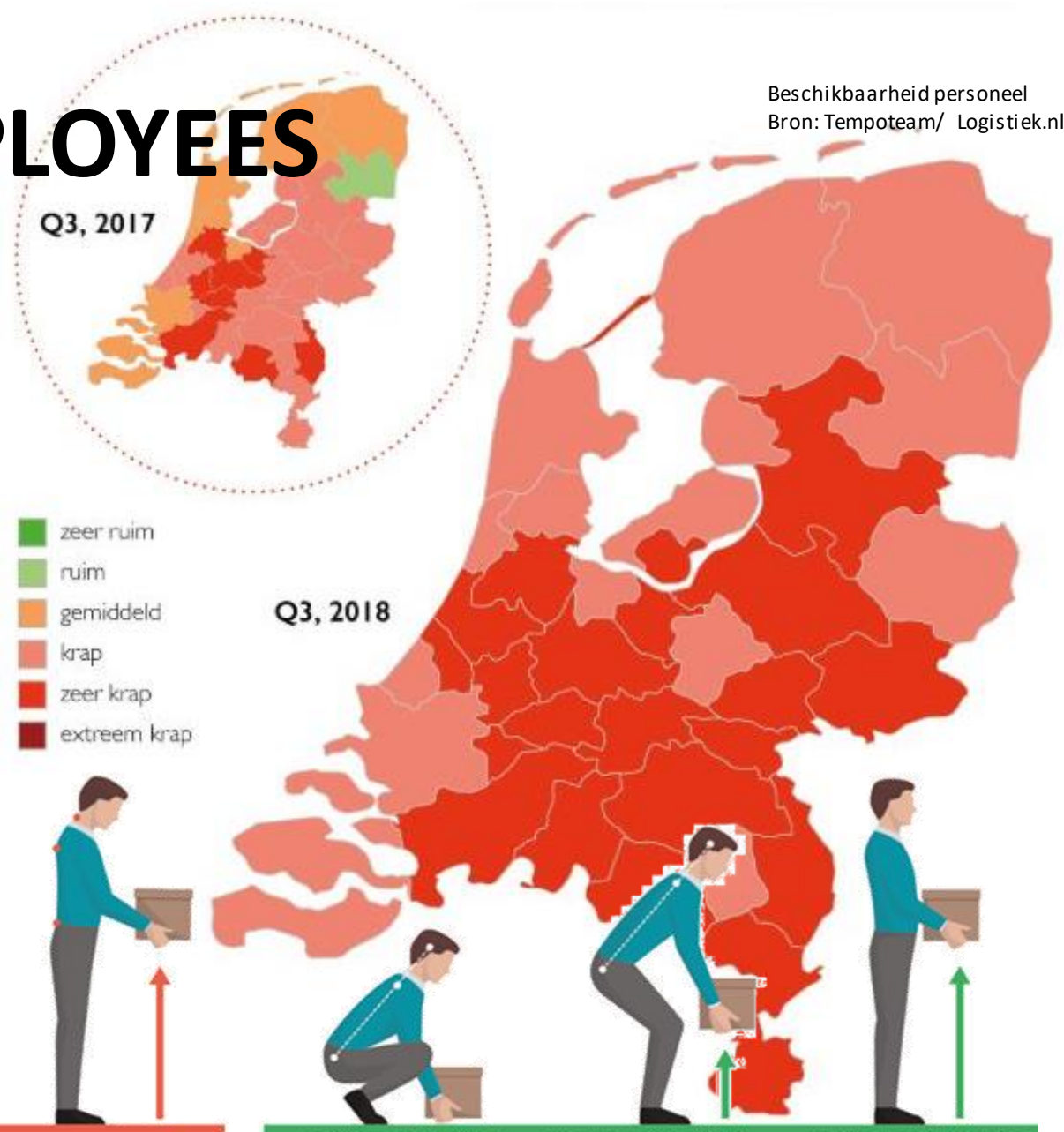
EASY

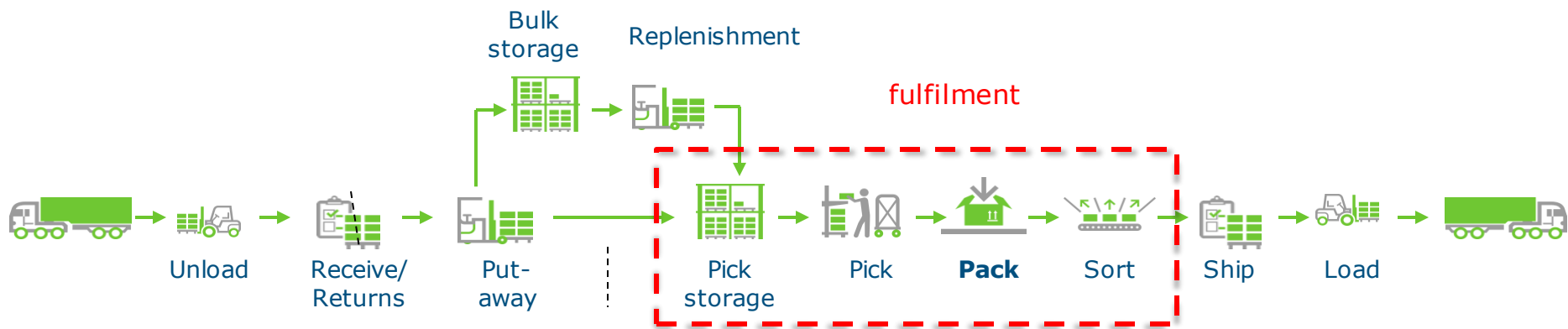


E

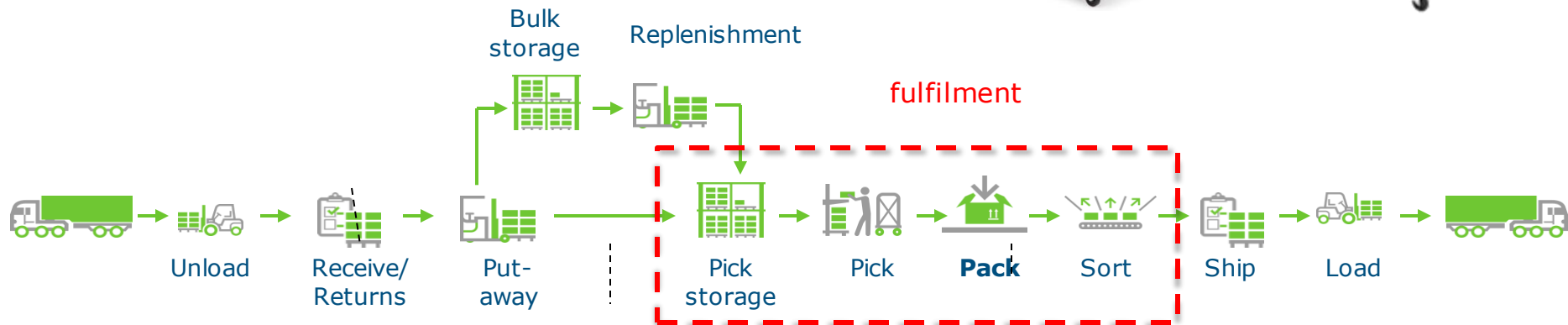
MPLOYEES

Beschikbaarheid personeel
Bron: Tempoteam/ Logistiek.nl





VERPAKKEN VANDAAG



Arbeidskosten

Machine en onderhoudskosten

Verpakkingskosten

Verzendkosten



ASOS , E-DC, Barnsley. Inpak gebied
October 2013

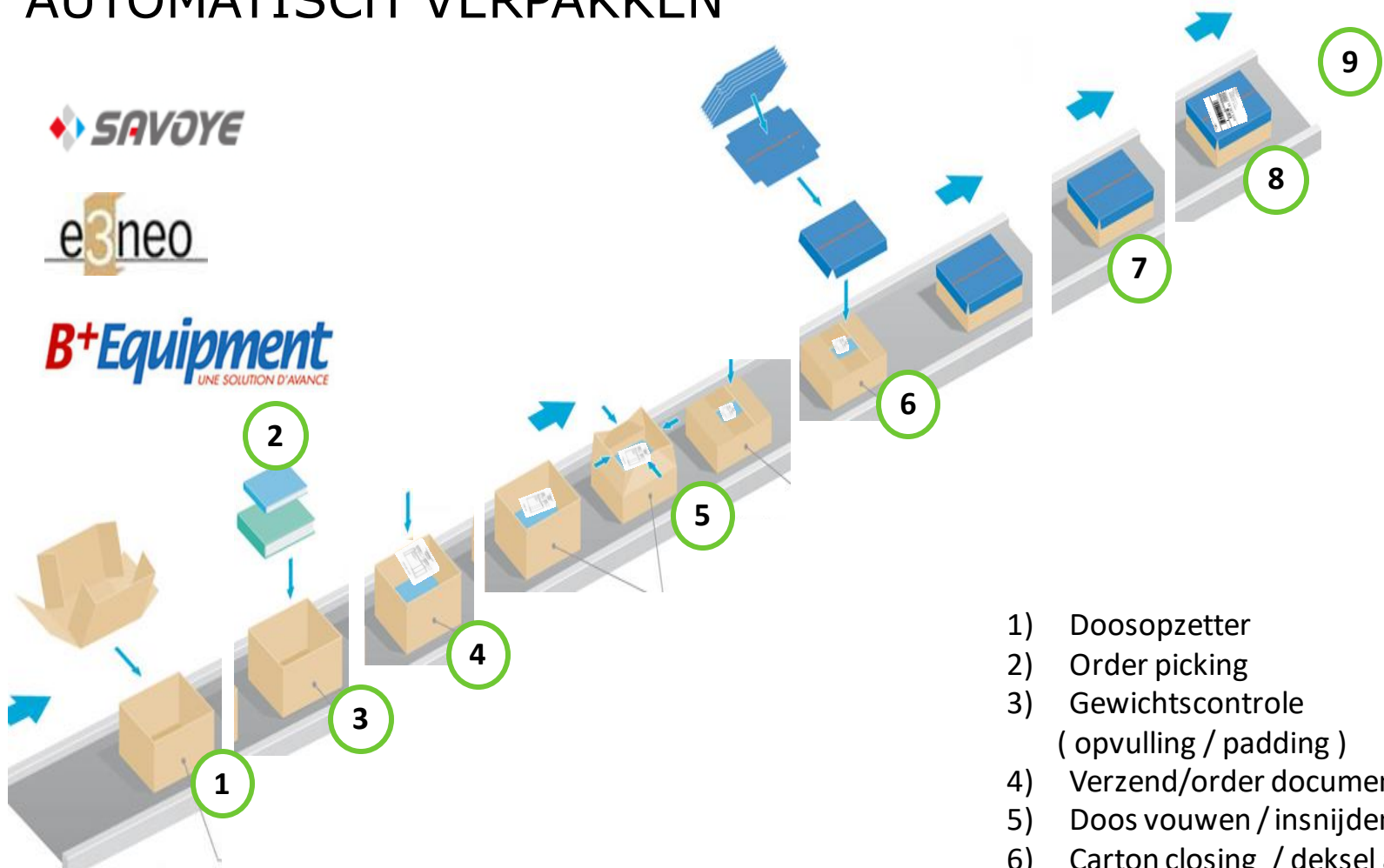




T echnologieën



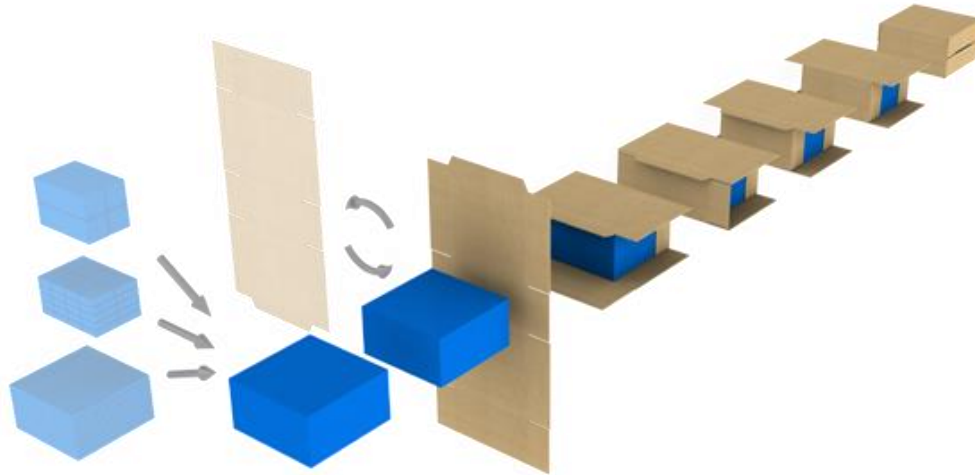
AUTOMATISCH VERPAKKEN



- 1) Doosopzetter
- 2) Order picking
- 3) Gewichtscontrole
(opvulling / padding)
- 4) Verzend/order documenten
- 5) Doos vouwen / insnijden
- 6) Carton closing / deksel aanbrengen
- 7) Transportgewicht & volume
- 8) Shipping label
- 9) Verzenddoos



AUTOMATISCH VERPAKKEN



- 1) Doosopzetter
- 2) Orders
- 3) Doos laad station (manueel)
- 4) Vulmachine
- 5) Doos snij en vouw mechanisme
- 6) Verzend/order documenten
- 7) Carton closing
- 8) Shipping label
- 9) Verzenddoos



AUTOMATISCH VERPAKKEN

1 MACHINE VOOR ALLE FUNCTIES, ZAKKEN/ ENVELOP

- 1) Zakopzetter
- 2) Orders
- 3) Laad station (manueel)
- 4) ~~Vulmachine~~
- 5) Verzend/order documenten
- 6) Closing
- 7) Shipping label
- 8) Verzendzak



Magazijnen zonder uitgeputte sjouwers, maar met robots



© Yoko Heiligers



Robots nemen ons leven over. Ze staan in ons huis, ze bepalen ons werk en beïnvloeden de manier waarop we samenleven. Vandaag: robots doen de boodschappen.

DOOR: HERMAN STIL 13 JANUARI 2019, 17:00

"Ik heb liever dat onze medewerkers de klant helpen, dan dat ze vakken moeten vullen of in het magazijn werken," zegt topman Frans Muller van supermarkteigant Ahold Delhaize. "Als we basaal werk door robots

THE BIG

3

1.5 MILLION

jobs expected to be replaced by robots within the next ten years in the Eurozone.

Page 3



100,000 EUR

20-40%

cost reduction in handling thanks to expected robotic solutions.

Page 7

UITDAGINGEN PICK & PLACE ROBOTS

Identificeren

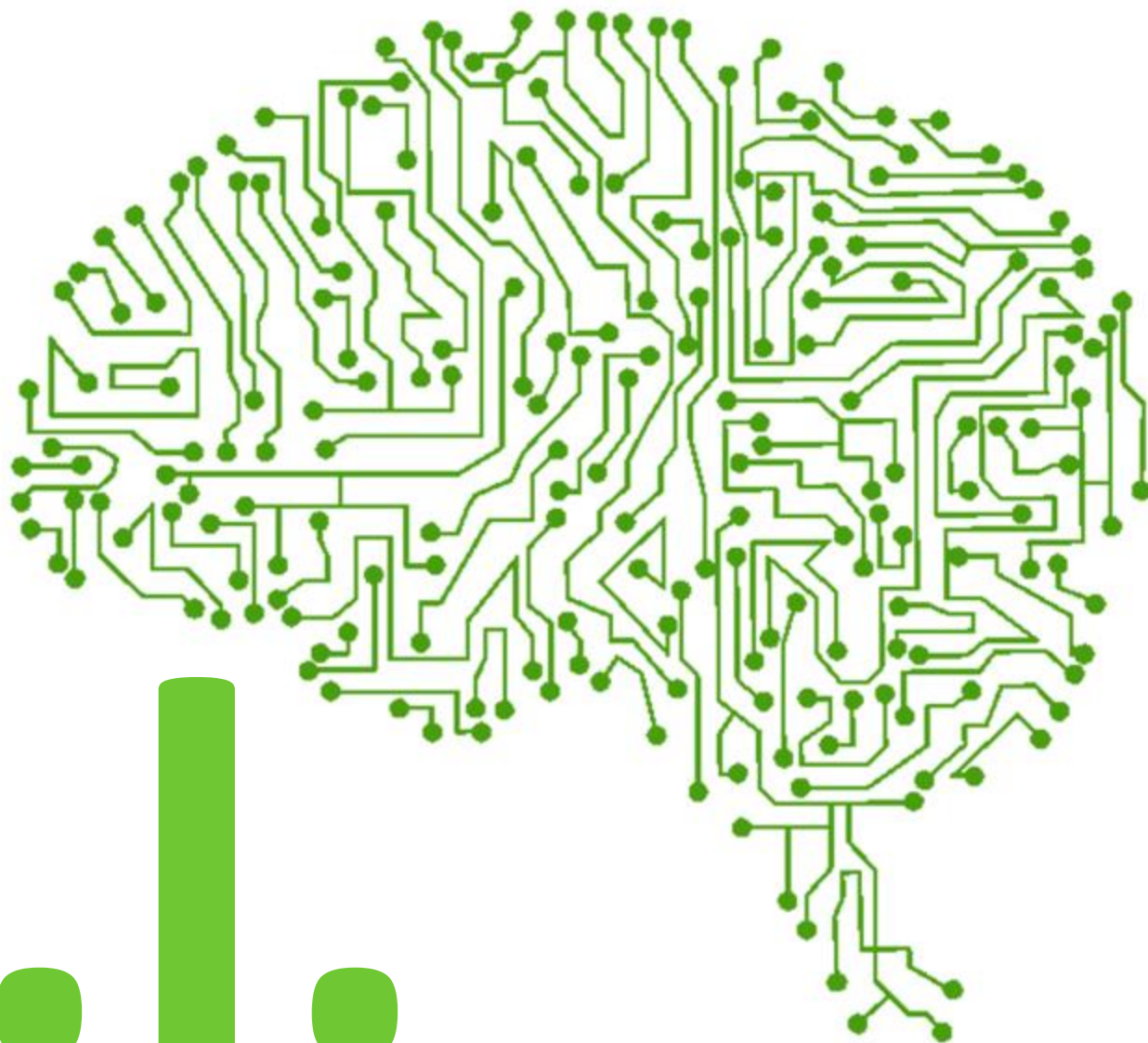
Grijpen/Plaatsen

Algoritmes / Zelf lerend vermogen

Integratie pick & pack proces



AI.





Snelle “Social” Service





Snelle “Social” Service



Hyperpersonalisatie





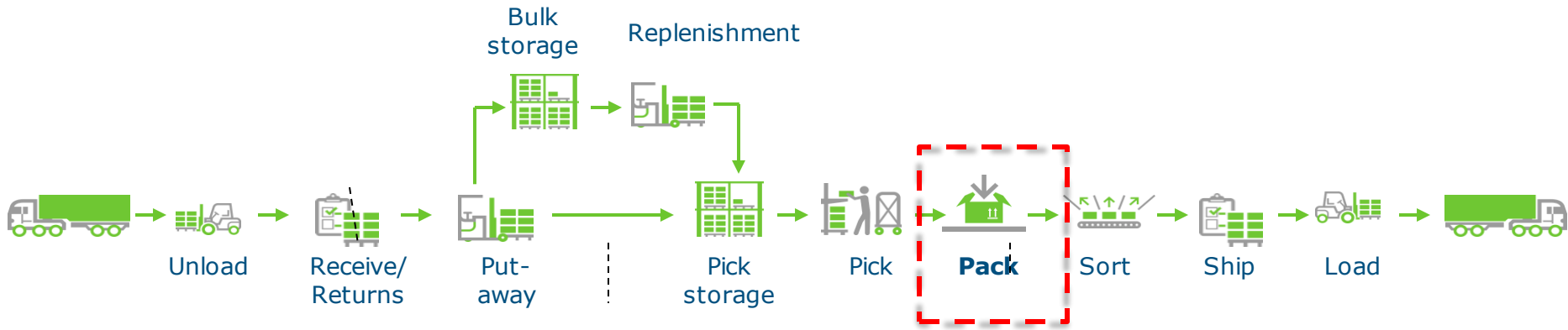
Snelle “Social” Service



Hyperpersonalisatie

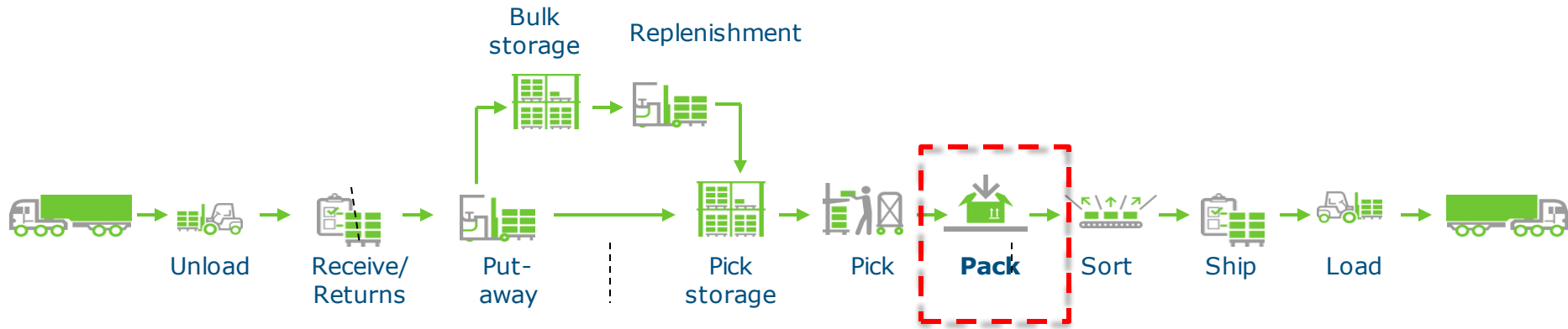


Gemak

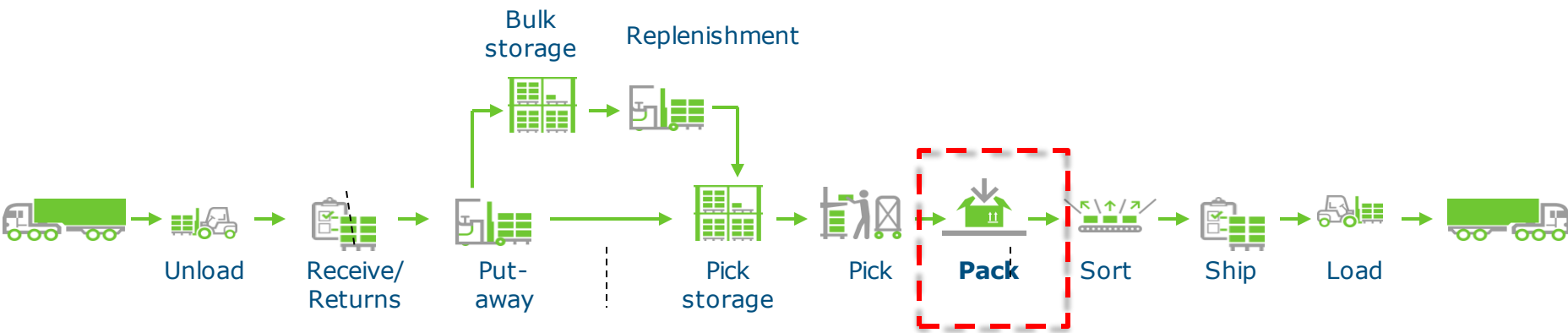


HEDEN



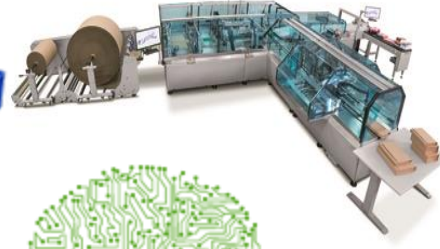
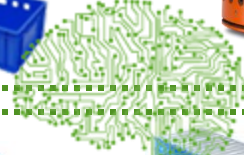
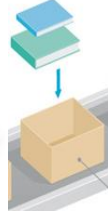
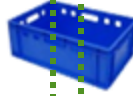


TOEKOMST



HEDEN

TOEKOMST



U bent aan

ZET echnologie
-COM

GENERATION



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