

# The Dutch WEEE Flows 2020

VERENIGING

NVMP



*wecycle*



**FFact**

strategy &  
implementation



**unitar**

United Nations Institute for Training and Research



UNITED NATIONS  
UNIVERSITY

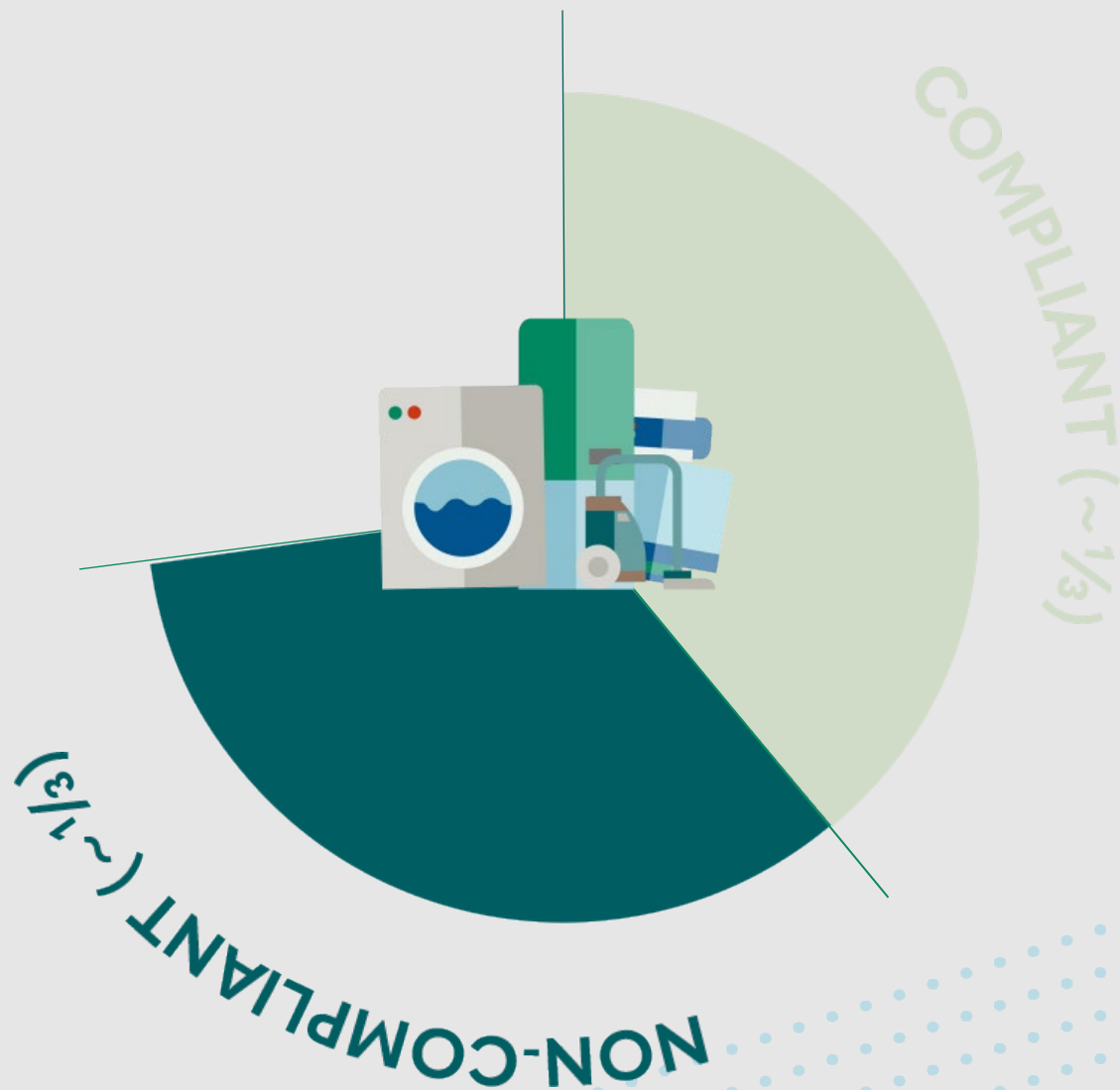
**UNU-VIE SCYCLE**



2010



2010



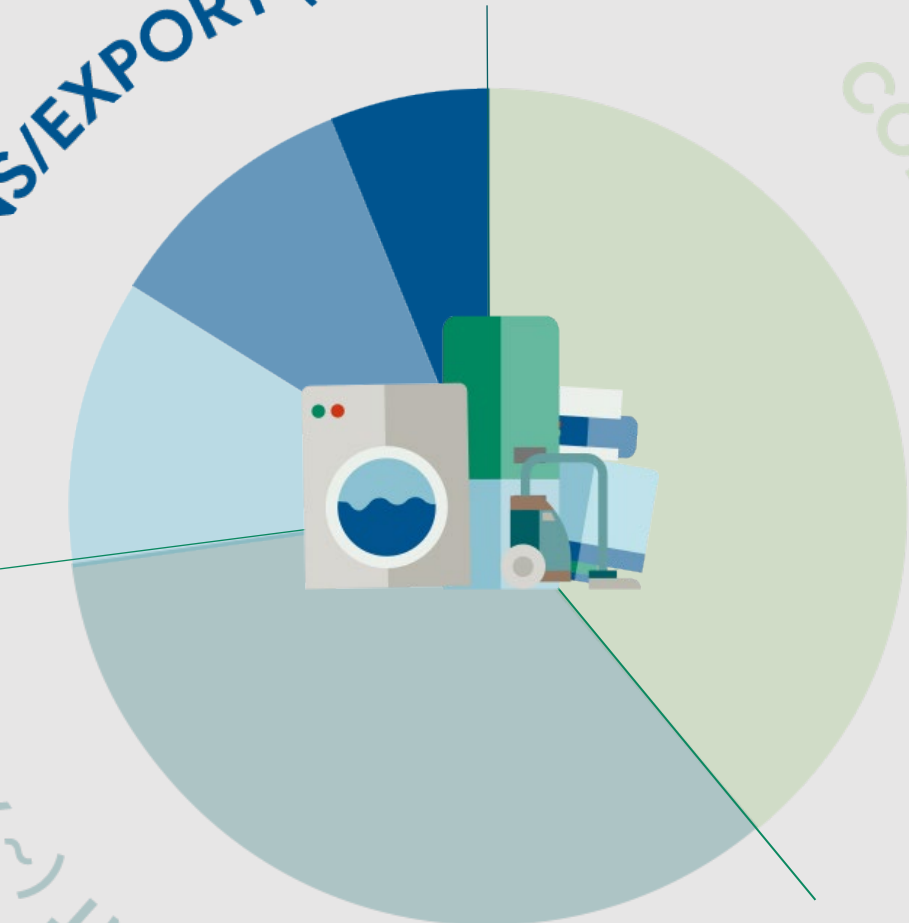
2010



WASTE BINS/EXPORT (~1/3)

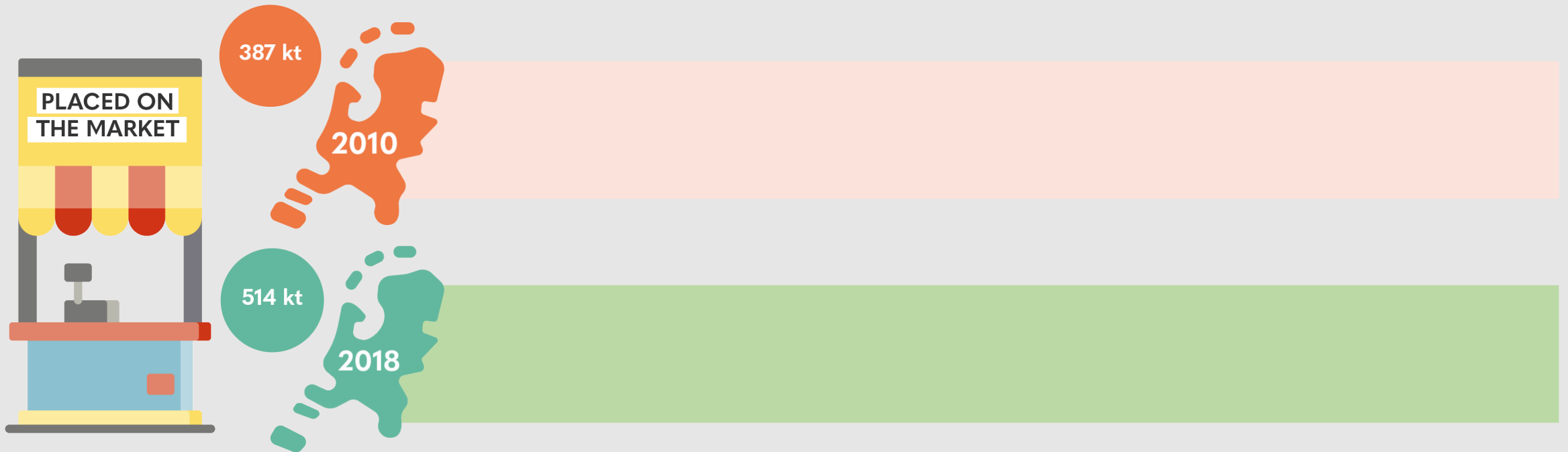
COMPLIANT (~1/3)

NON-COMPLIANT (~1/3)

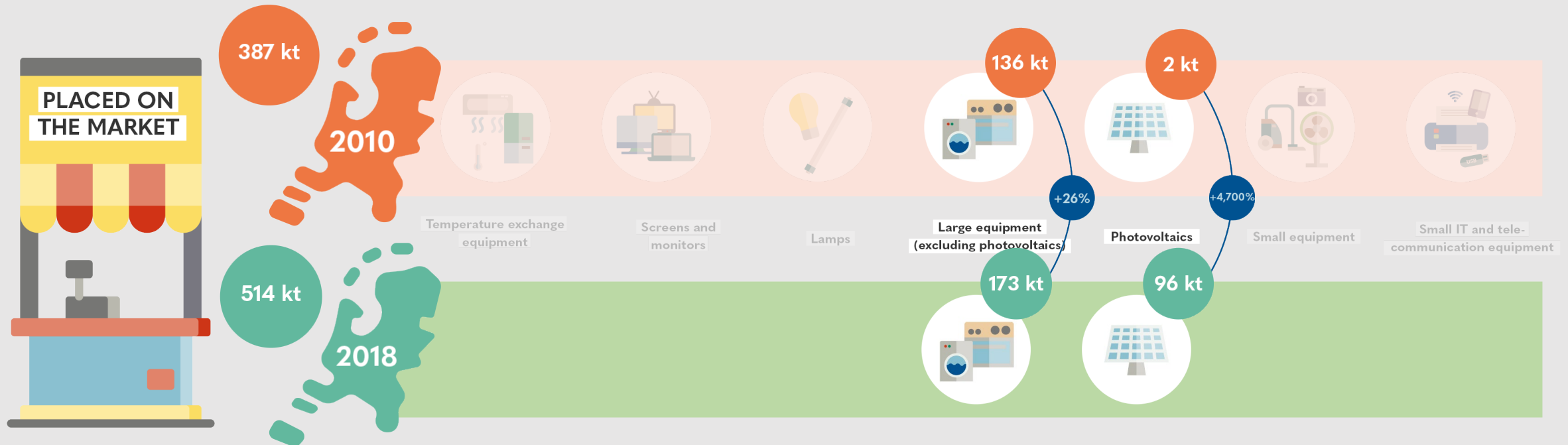




# Meer apparaten op de markt gezet

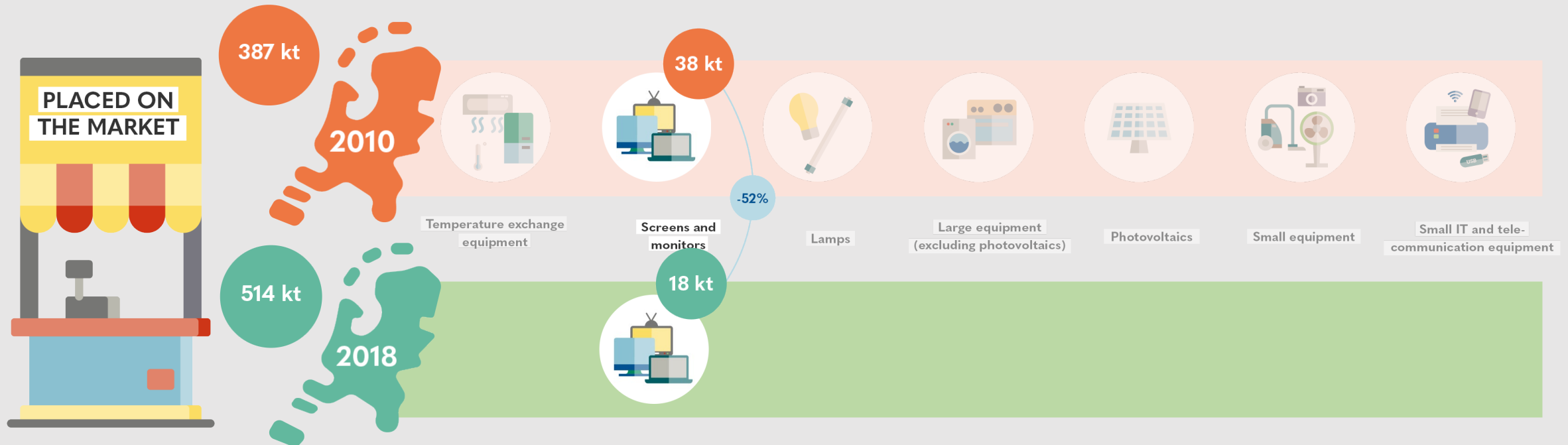


# Meer apparaten op de markt gezet





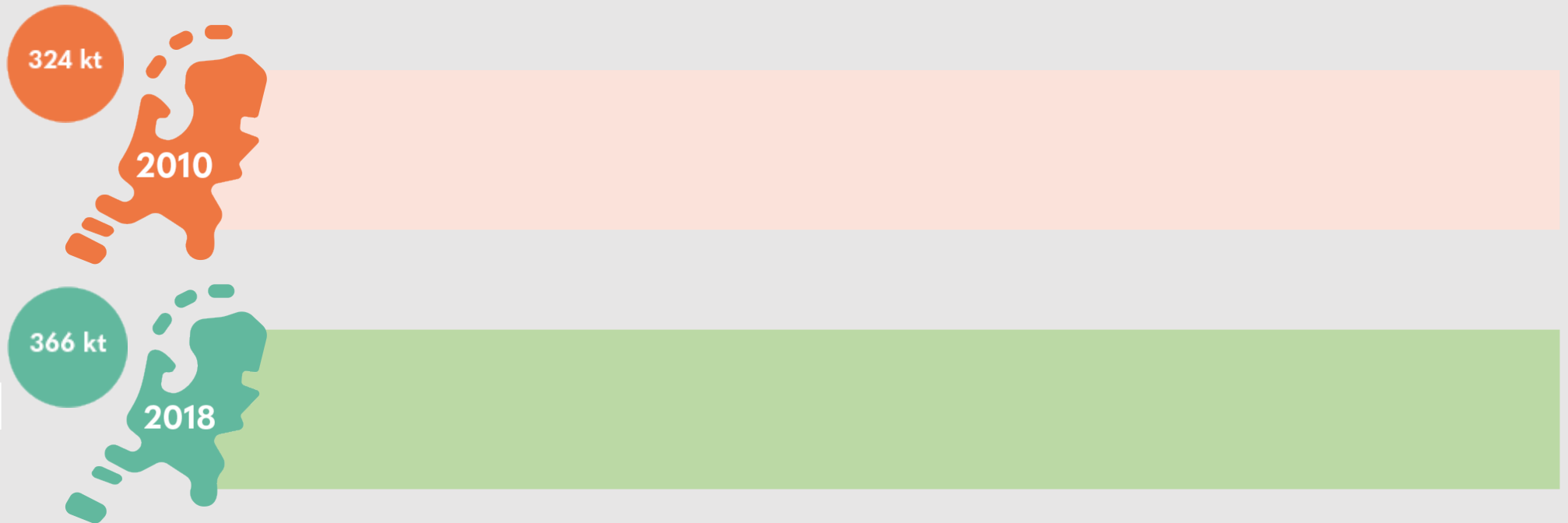
# Meer apparaten op de markt gezet



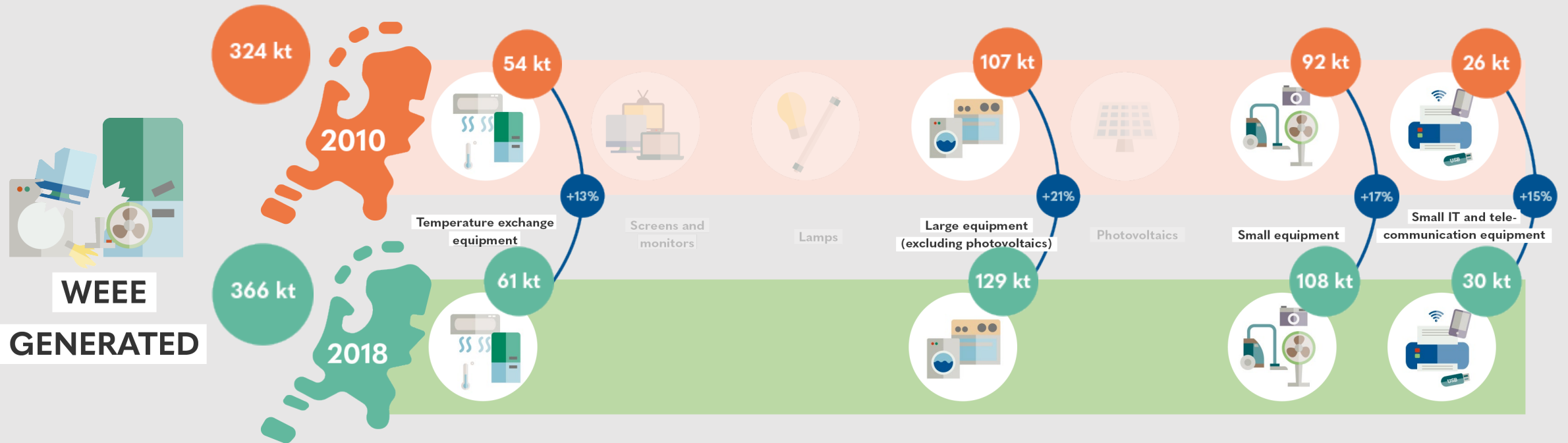
# Meer e-waste geproduceerd



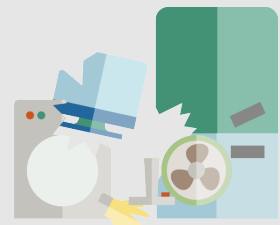
**WEEE  
GENERATED**



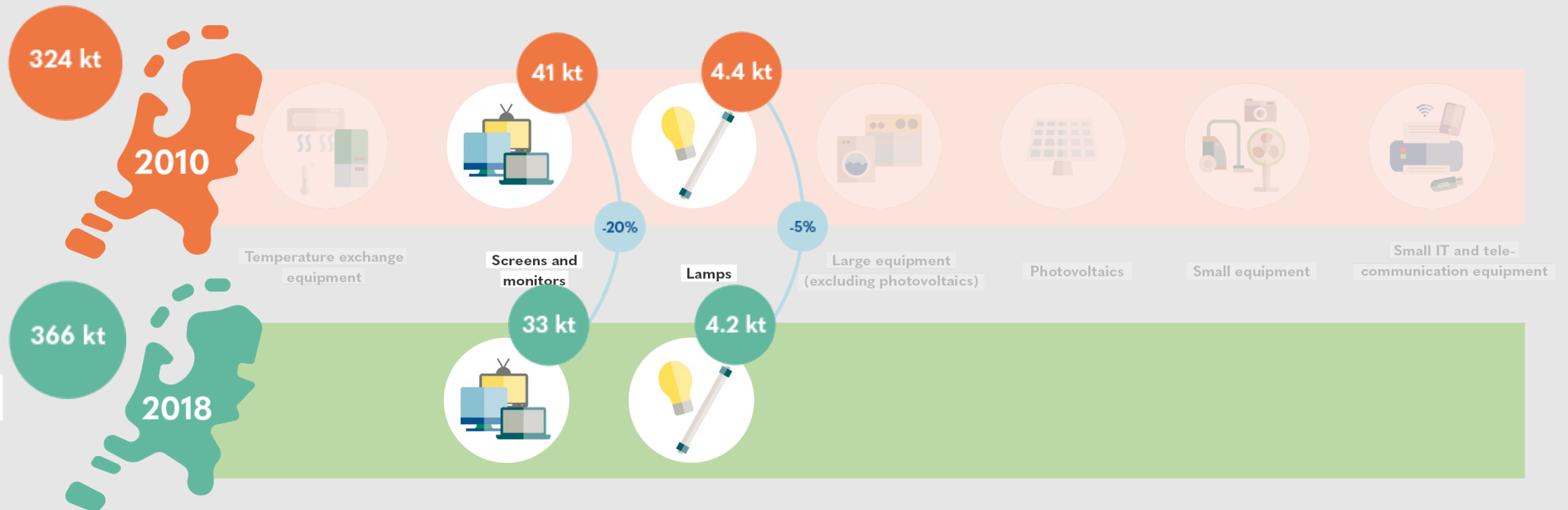
# Meer e-waste geproduceerd



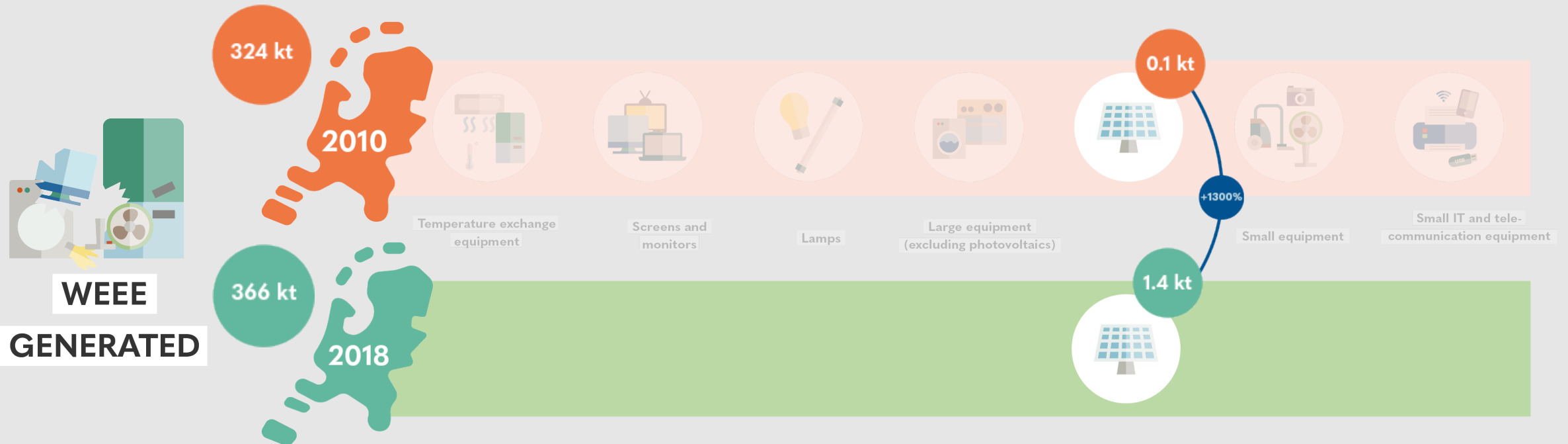
# Meer e-waste geproduceerd



**WEEE  
GENERATED**



# Meer e-waste geproduceerd

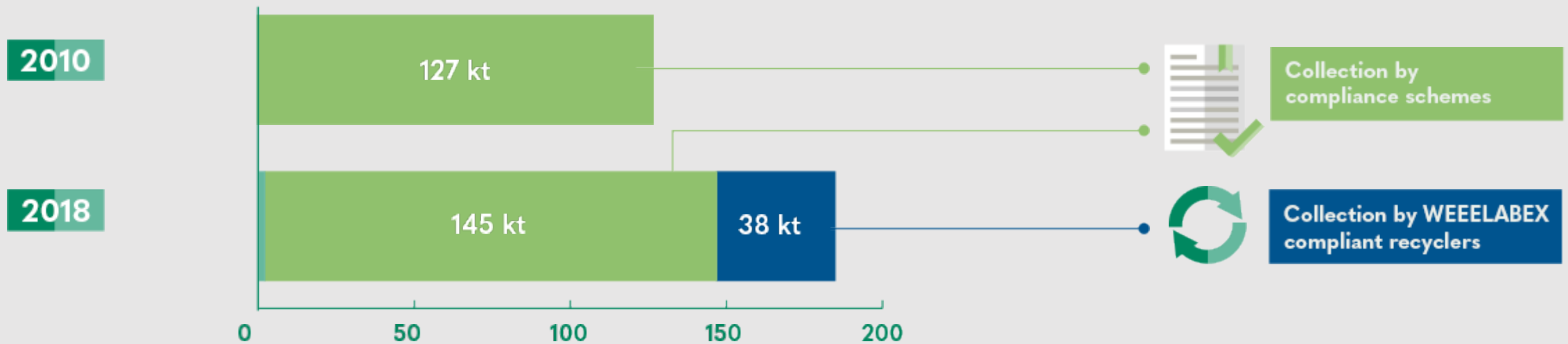


# Meer verwerking van e-waste

2010



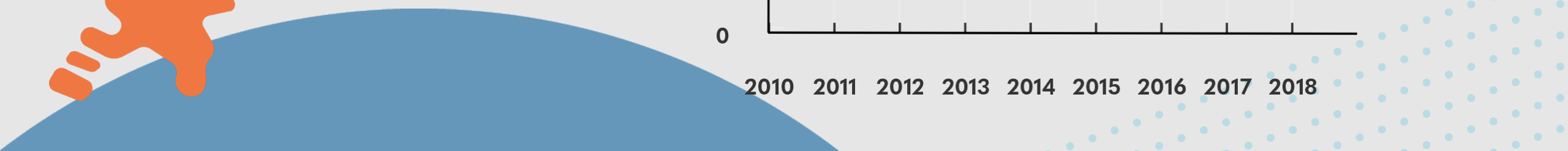
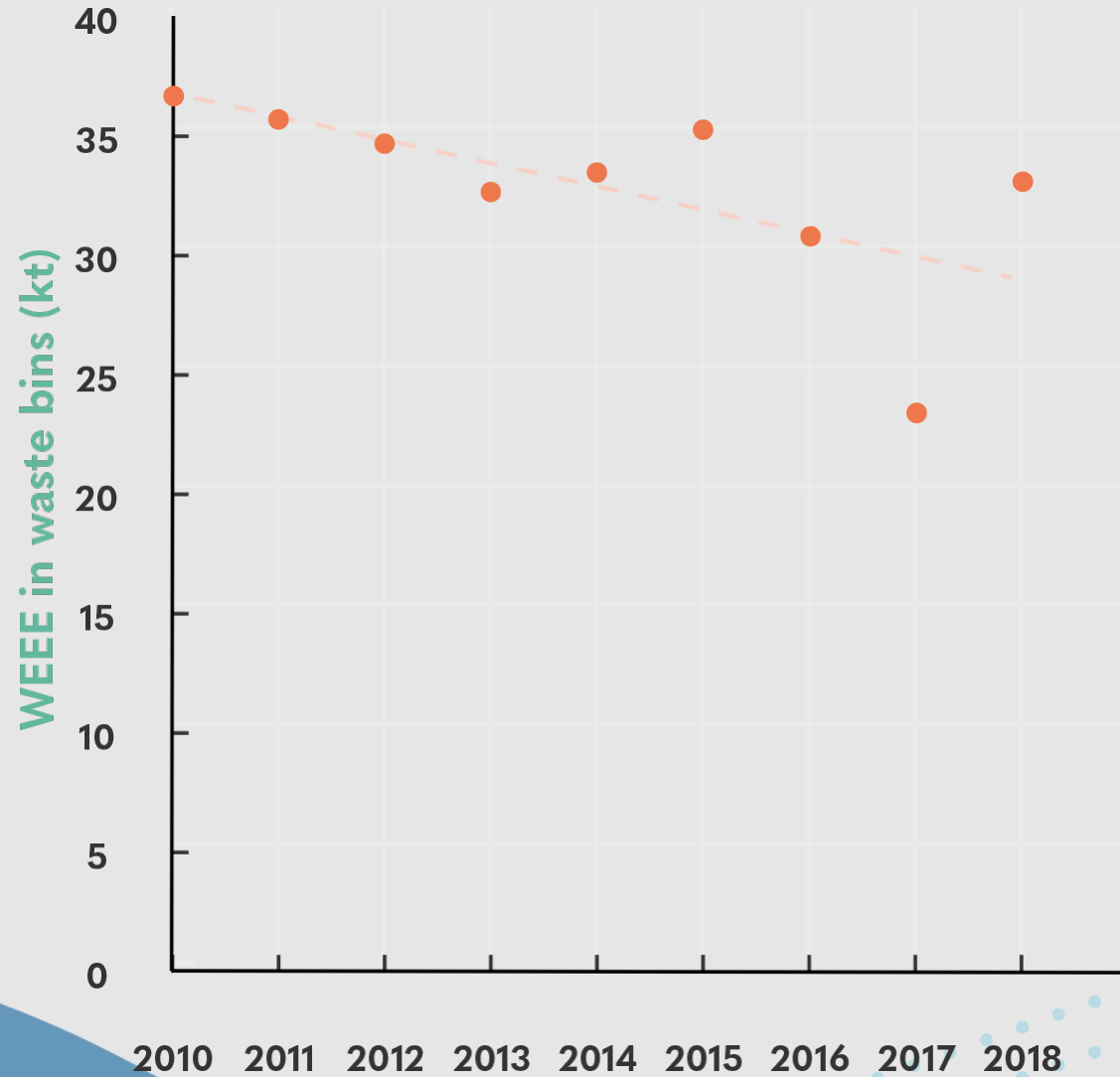
# Meer verwerking van e-waste



# Gedrag consumenten is verbeterd



Total WEEE





# Gedrag consumenten is verbeterd



Total WEEE



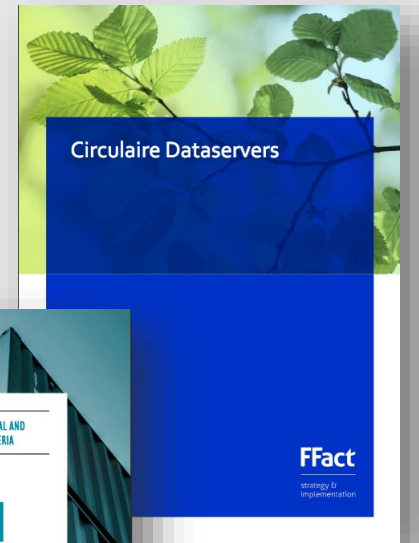
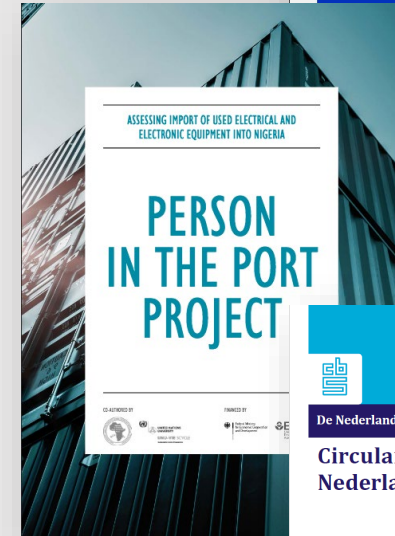
Small IT WEEE

--- Lineair Small IT WEEE

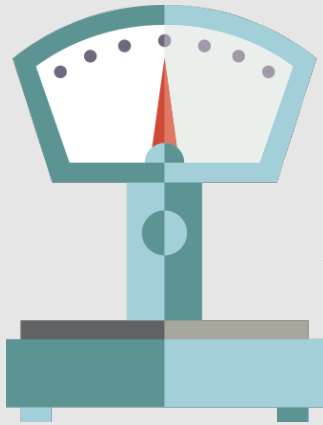
--- Lineair Total WEEE



# Export voor hergebruik



# Export voor hergebruik

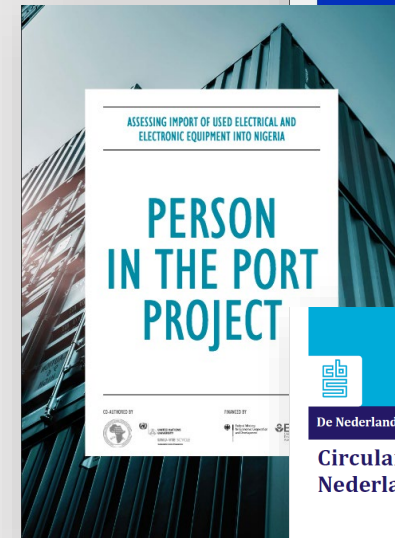


31 miljoen kg



Circaire Dataservers

Ffact  
strategy to  
implementation



ASSESSING IMPORT OF USED ELECTRICAL AND  
ELECTRONIC EQUIPMENT INTO NIGERIA

PERSON  
IN THE PORT  
PROJECT



De Nederlandse economie

Circaire economie in  
Nederland

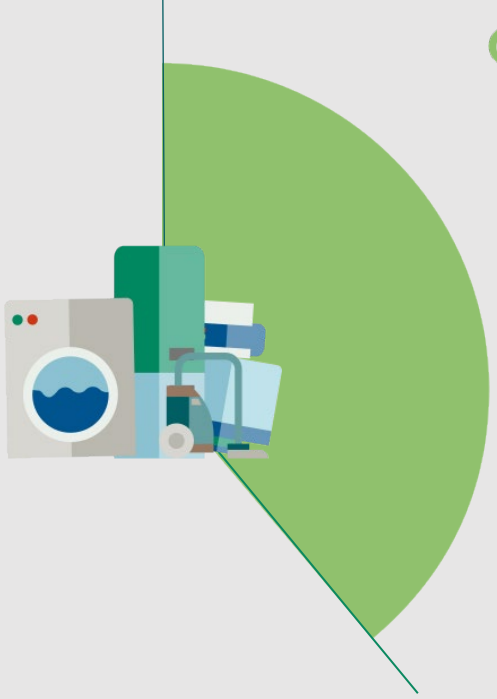
2016 | 06

Roel Delahaye  
Kees Balde

# Meer moeilijkheden met data verzamelen



- WEEE Labex verplichting zorgt sterke toename inzameling
- Maar ook minder transparantie bij bedrijven die niet officieel rapporteren
- E-waste bij schroothandelaren rond 100 miljoen kilogram

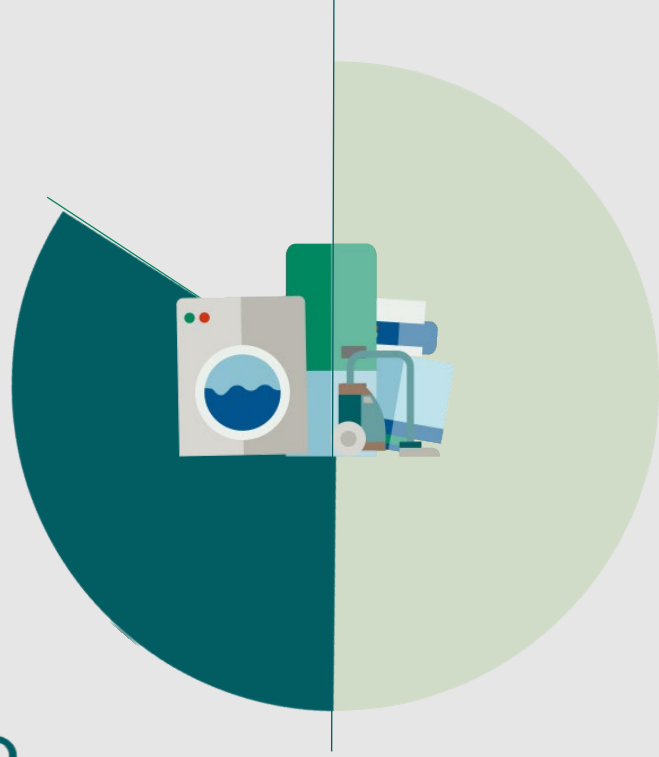


COMPLIANT (~1/3)

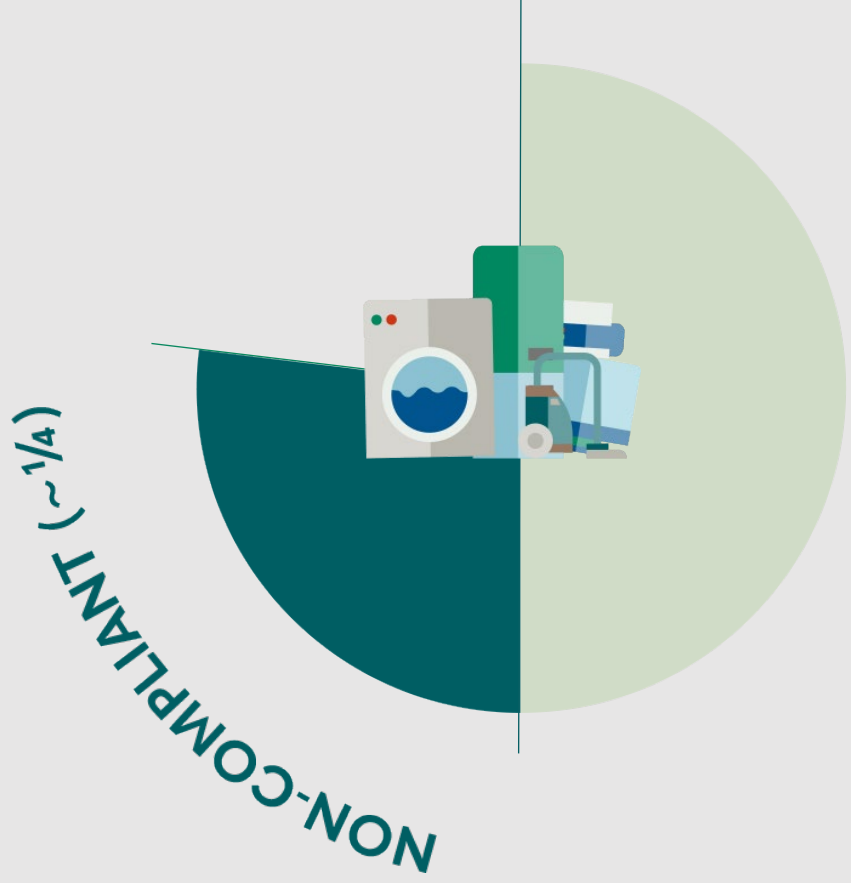
COMPLIANT (~1/2)



NON-COMPLIANT (~1/3)



COMPLIANT (~1/2)



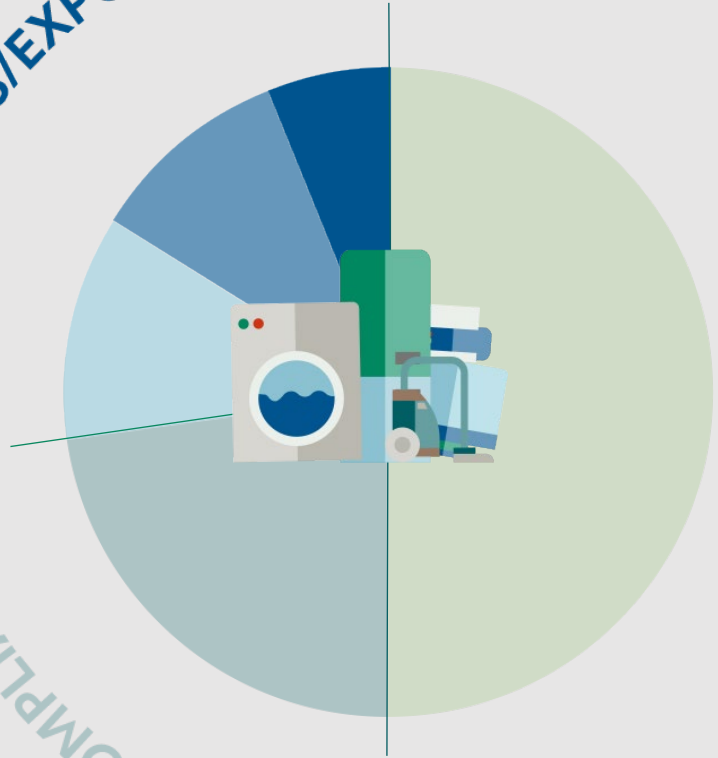
COMPLIANT (~1/2)

NON-COMPLIANT (~1/4)



WASTE BINS/EXPORT (~1/3)

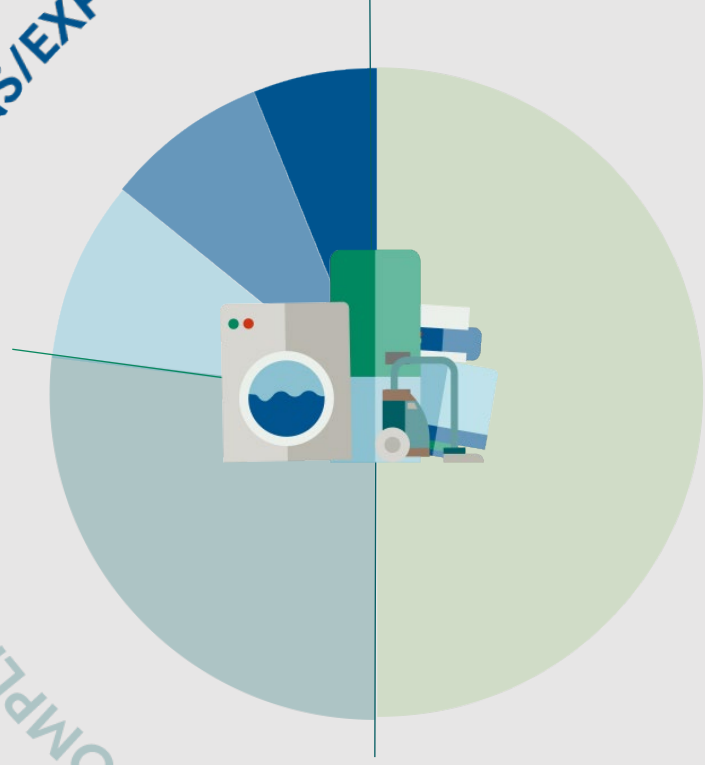
NON-COMPLIANT (~1/4)



COMPLIANT (~1/2)

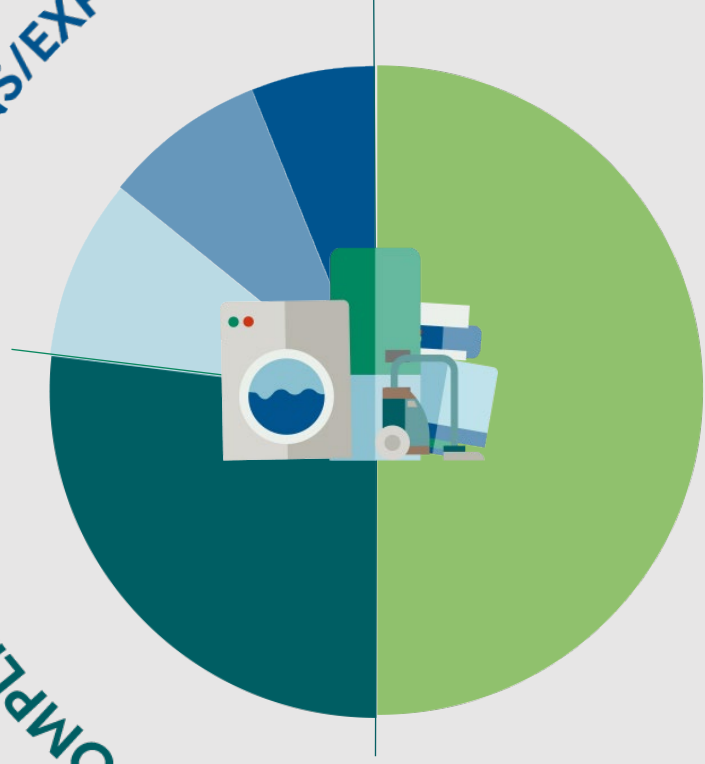
WASTE BINS/EXPORT (~1/4)

NON-COMPLIANT (~1/4)



COMPLIANT (~1/2)

NON-COMPLIANT (~1/4)  
WASTE BINS/EXPORT (~1/4)

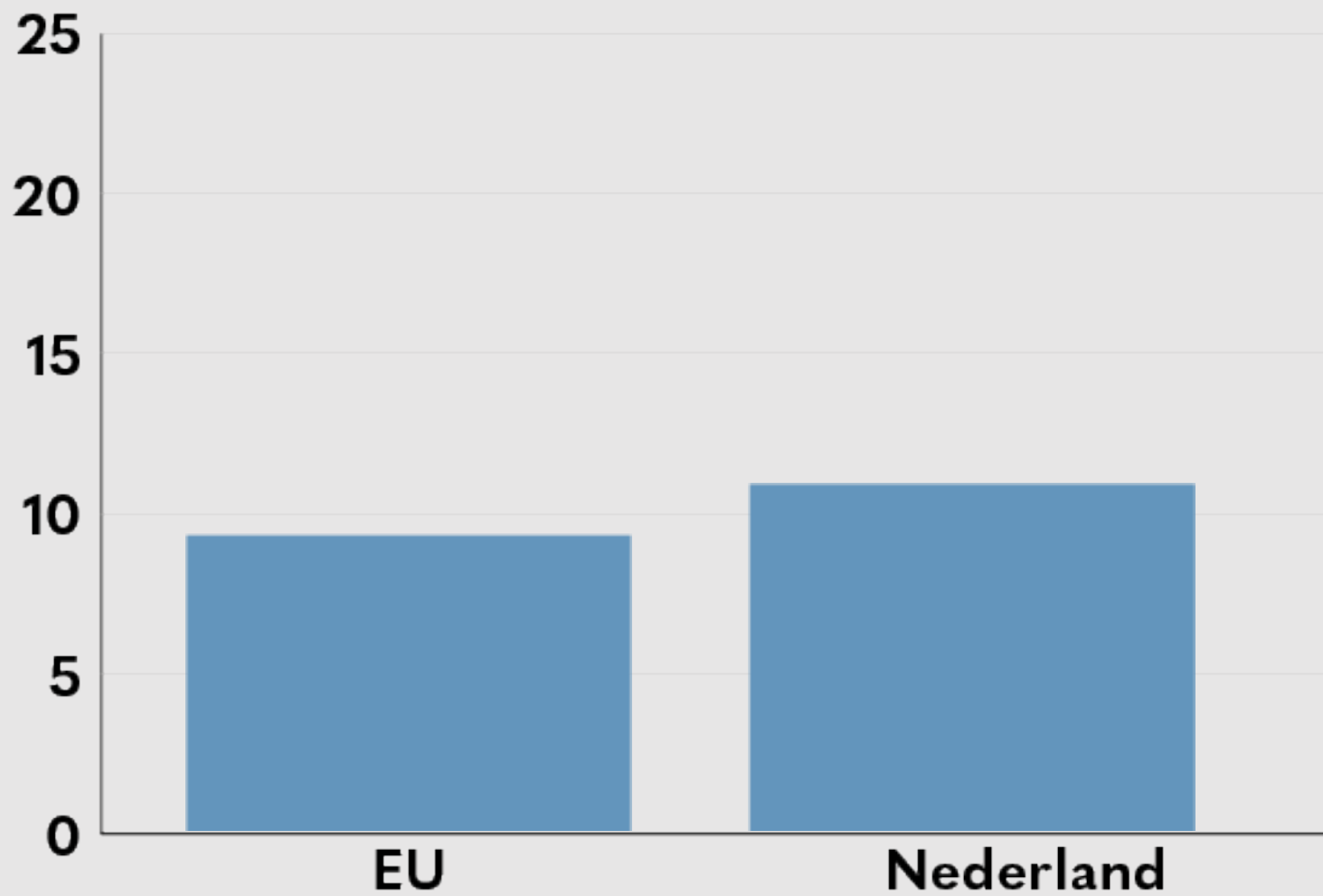


COMPLIANT (~1/2)



## EU vs Nederland (kg/inwoner)

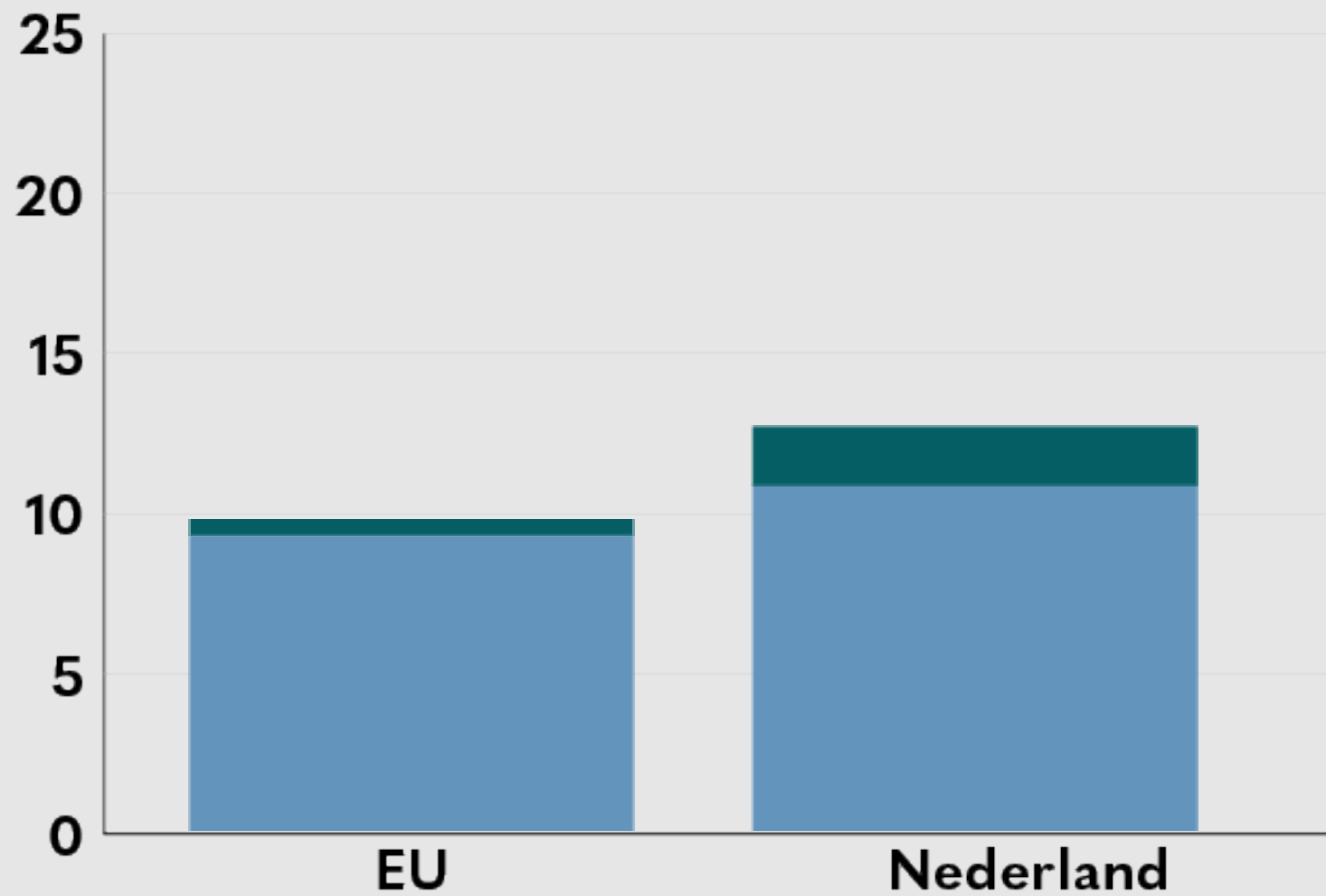
WEEE Inzameling





## EU vs Nederland (kg/inwoner)

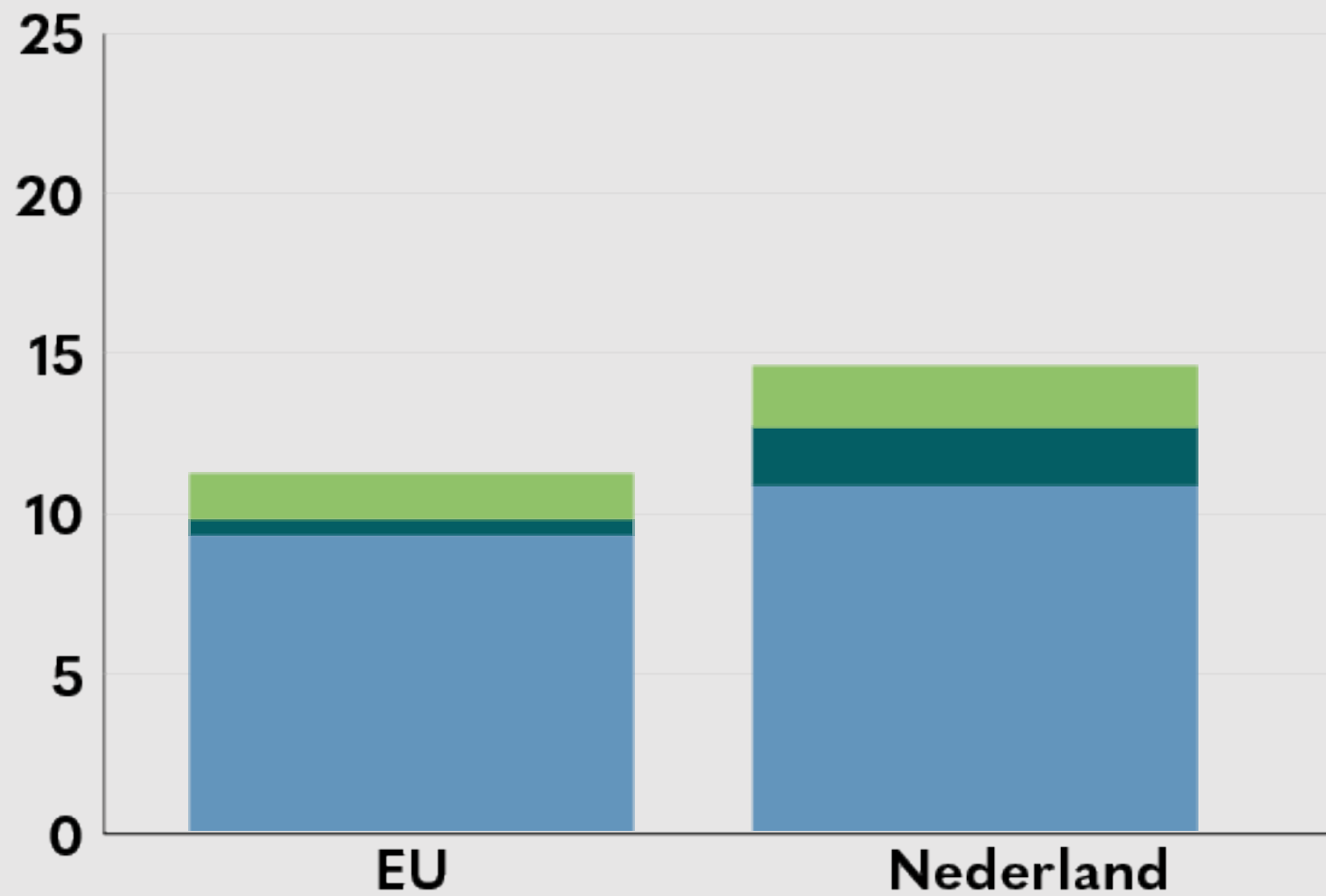
- Export voor hergebruik
- WEEE Inzameling



## EU vs Nederland (kg/inwoner)



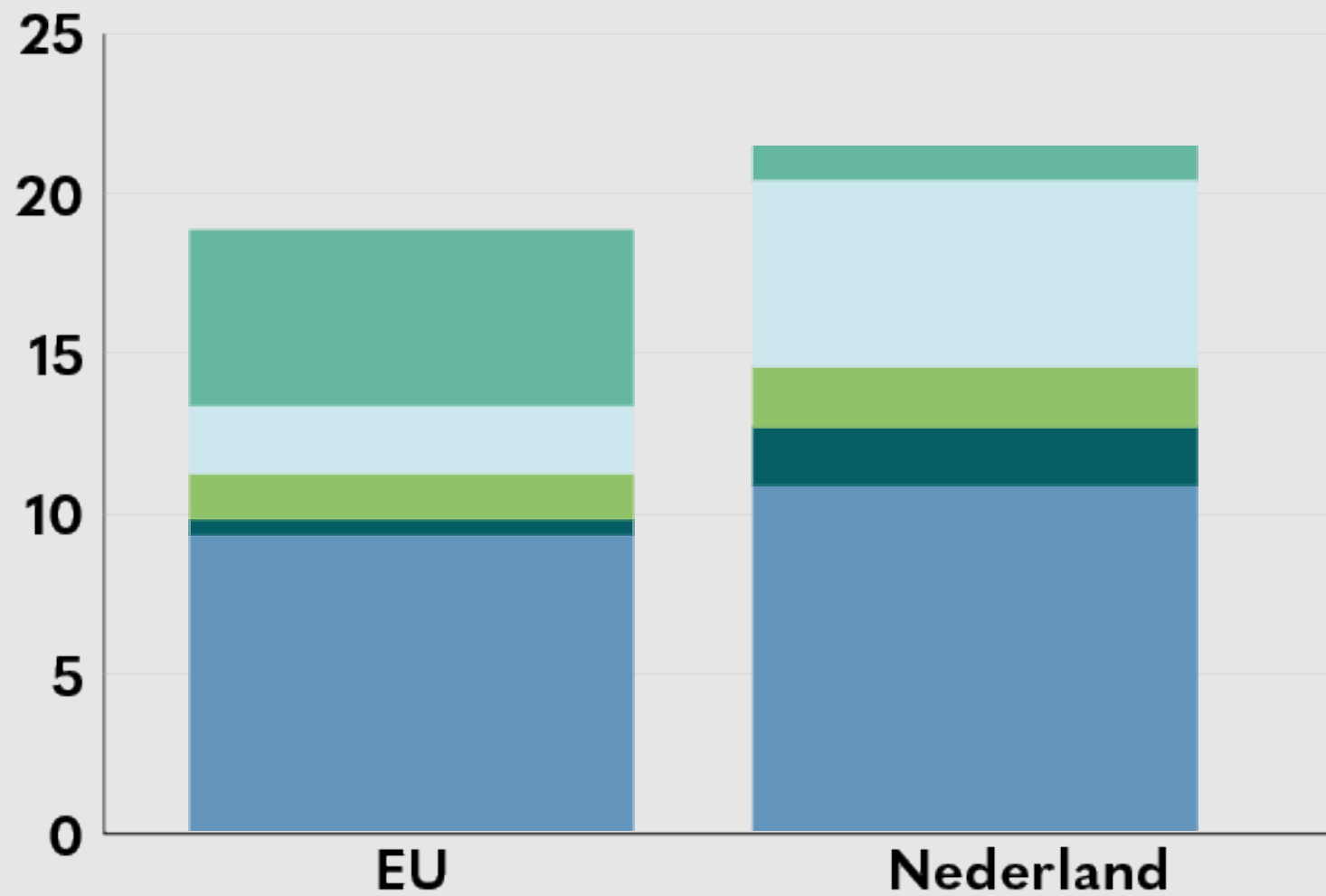
- Afvalbak
- Export voor hergebruik
- WEEE Inzameling



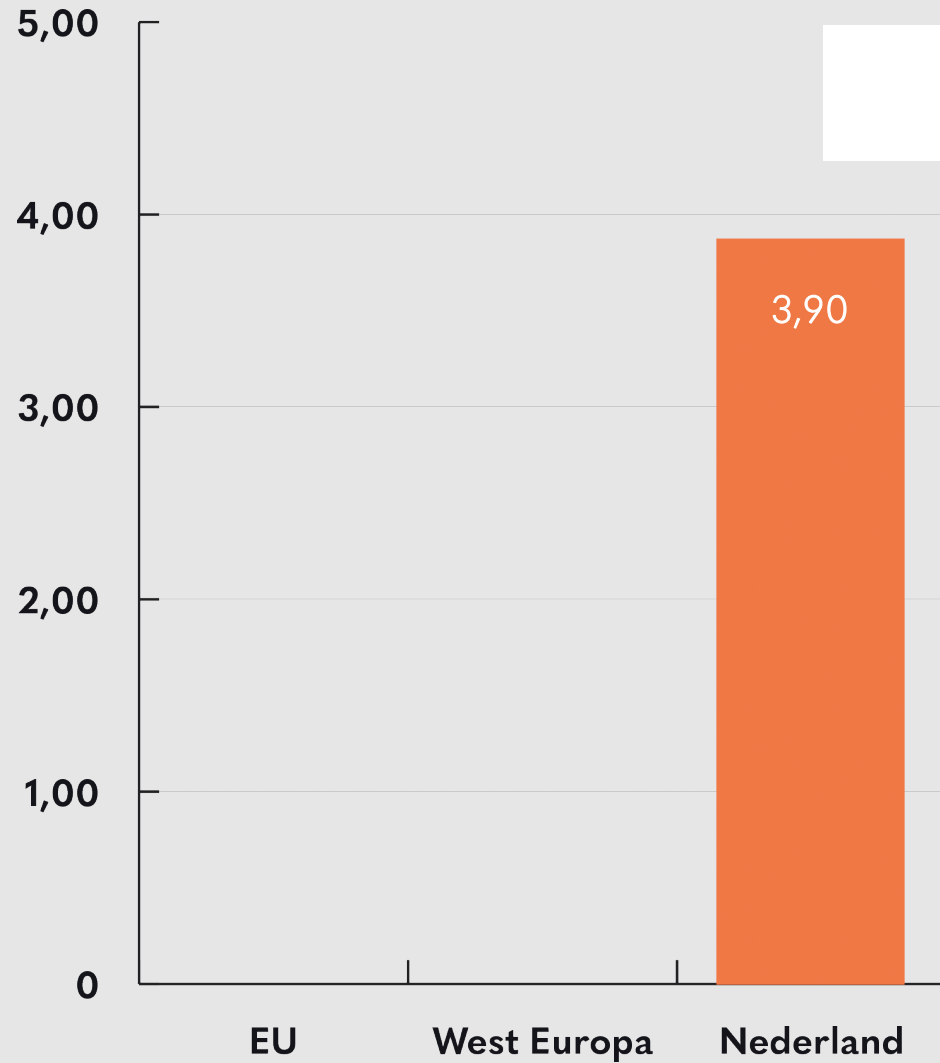
## EU vs Nederland (kg/inwoner)



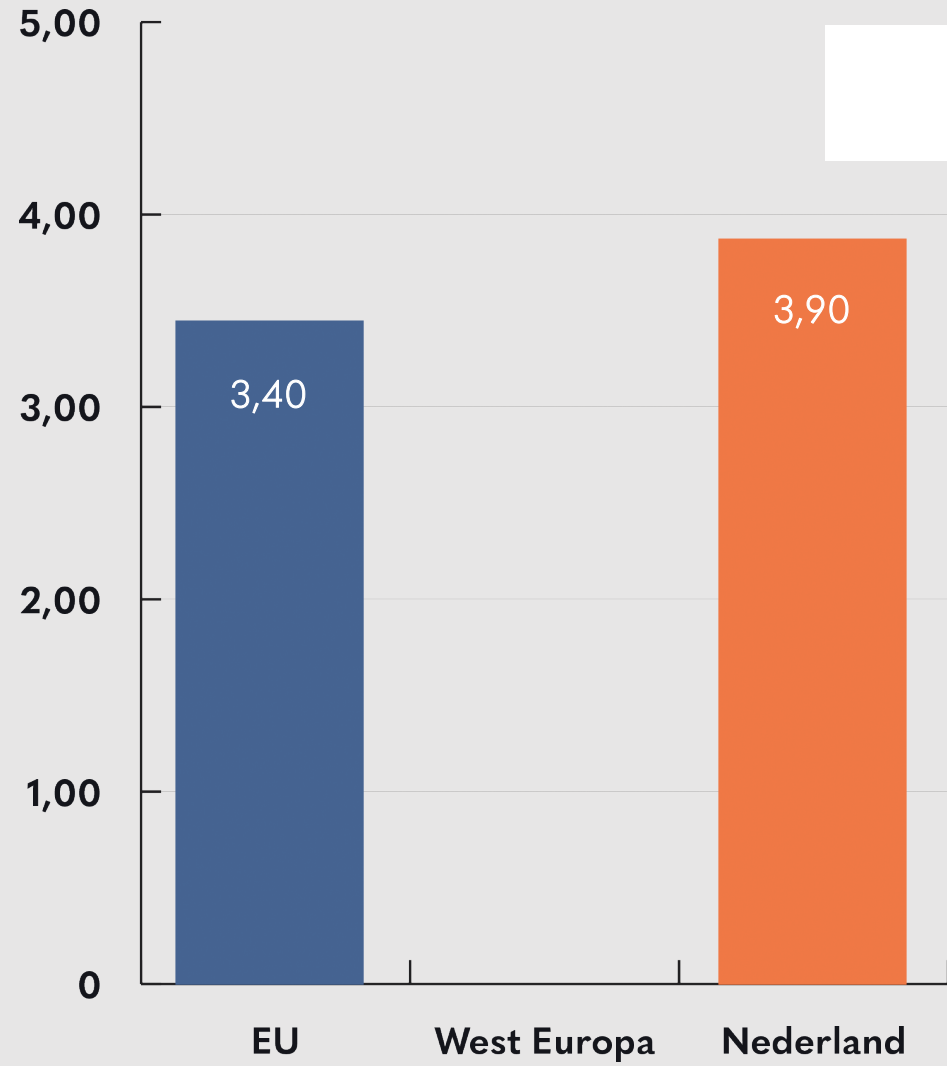
- Onbekend
- Metaalschroot
- Afvalbak
- Export voor hergebruik
- WEEE Inzameling



**Afstand tot de doelstelling in 2019  
(kg/inwoner)**

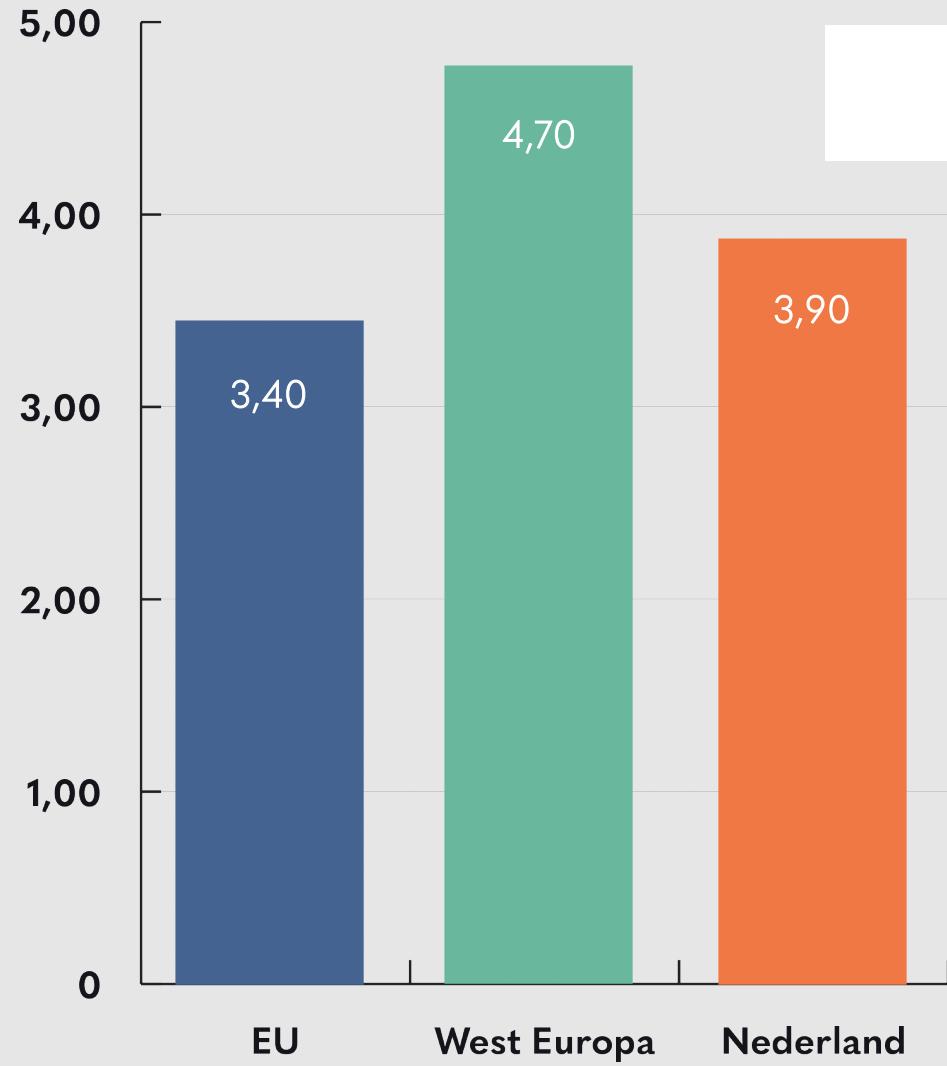






**Afstand tot de doelstelling in 2019  
(kg/inwoner)**

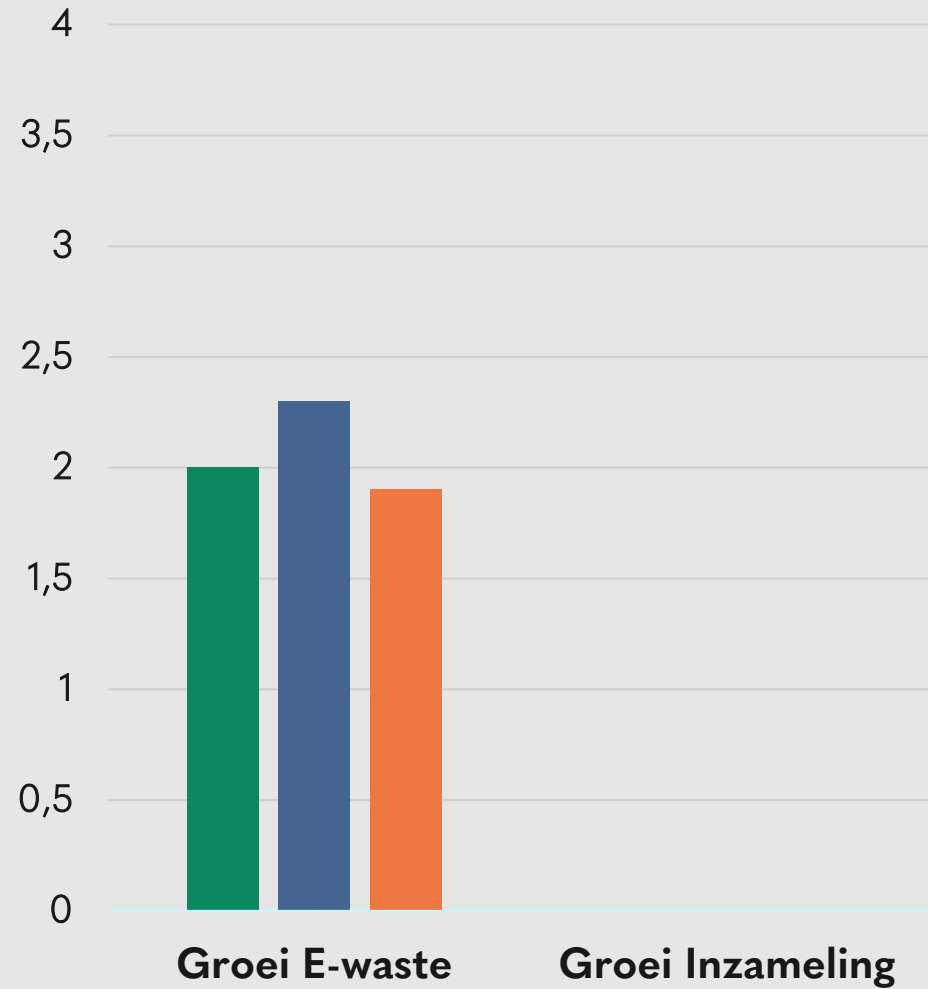




**Afstand tot de doelstelling in 2019  
(kg/inwoner)**



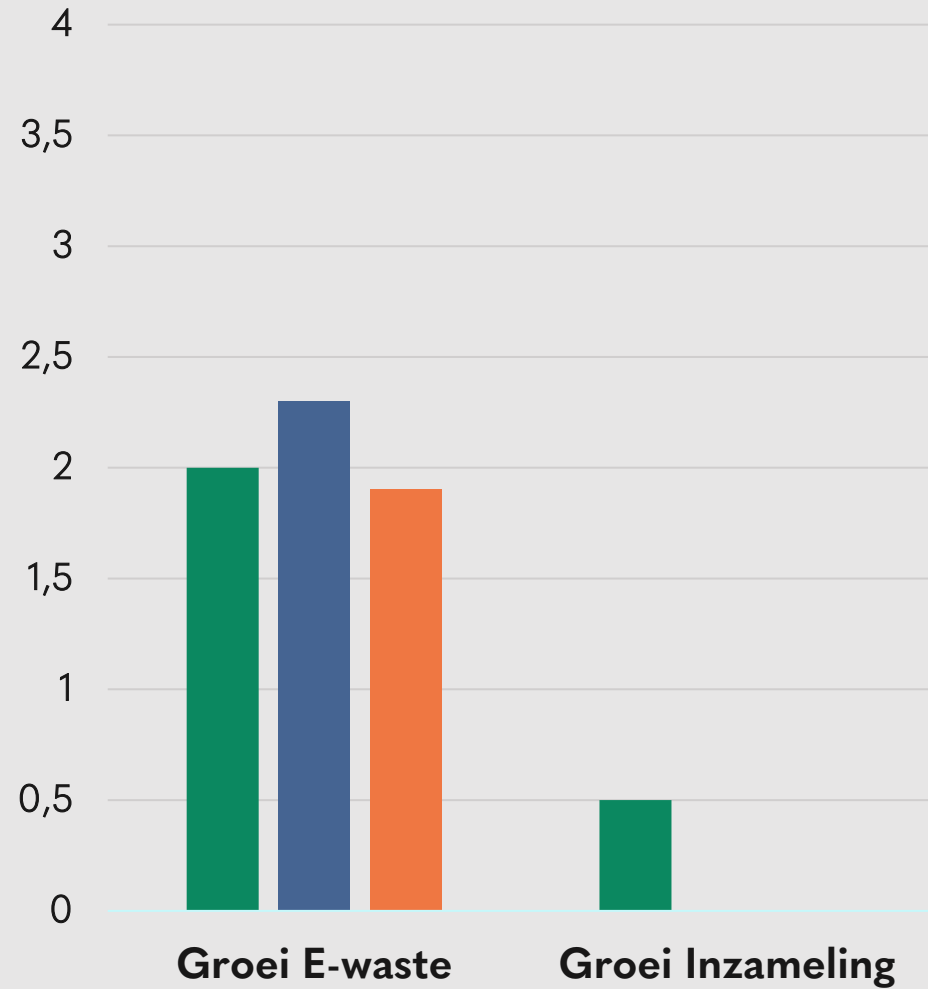
## Groei 2010-2019 (kg/inwoner)



- Wereld
- EU
- Nederland



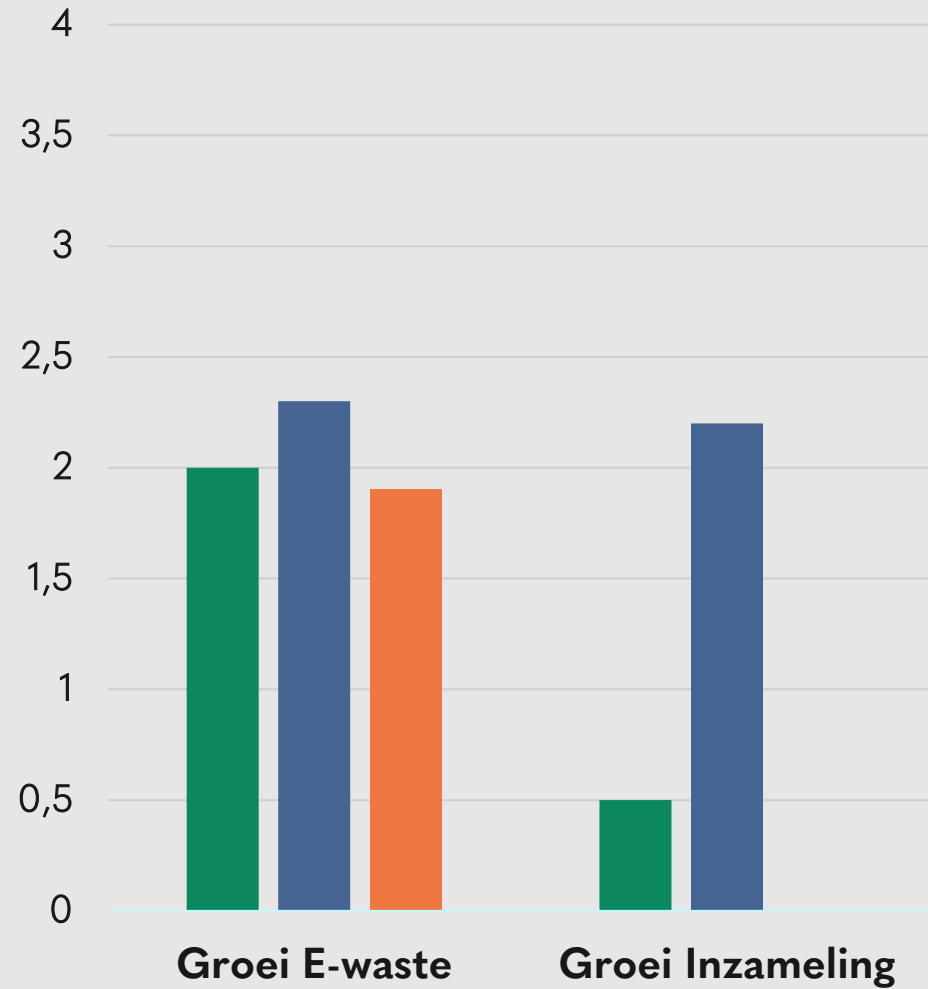
## Groei 2010-2019 (kg/inwoner)



- Wereld
- EU
- Nederland



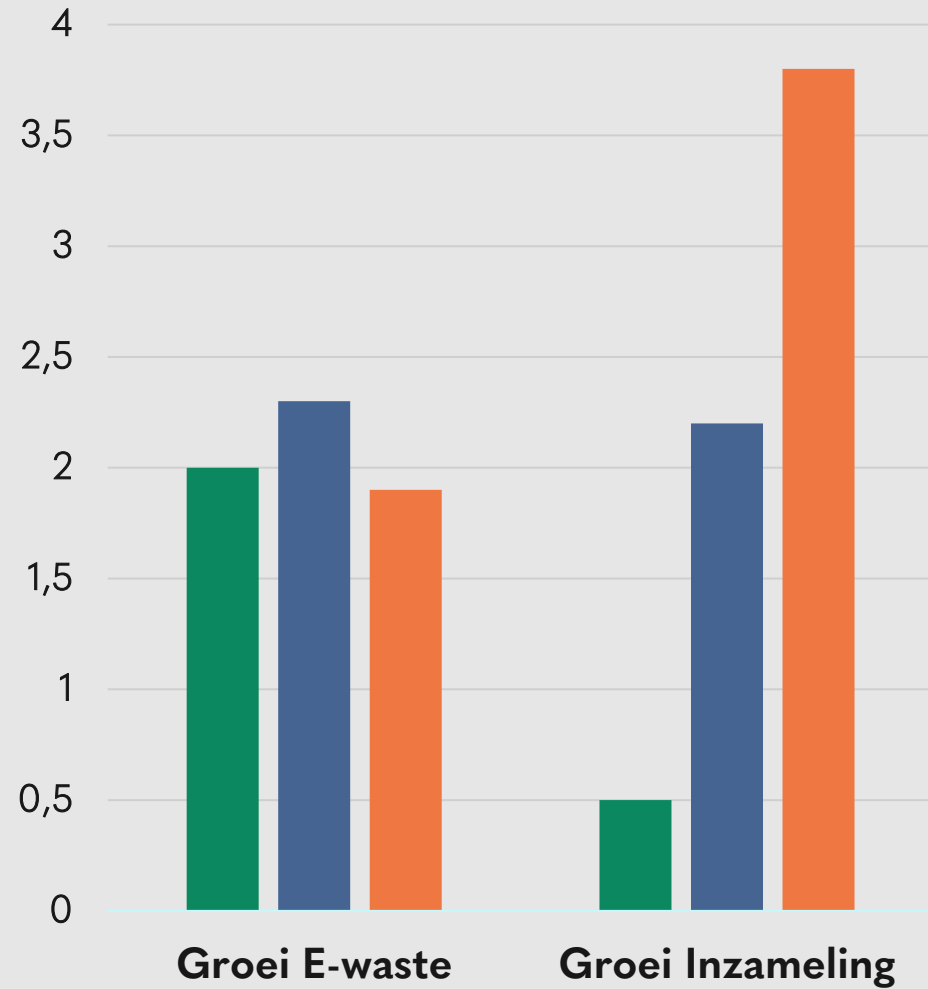
## Groei 2010-2019 (kg/inwoner)



- Wereld
- EU
- Nederland



## Groei 2010-2019 (kg/inwoner)



- Wereld
- EU
- Nederland



# Samenvatting

- Snel groeiende afvalstroom
- Wereld en EU inzameling groeit langzamer
- In Nederland snellere groei
- We weten waar het afval blijft
- Nog niet genoeg voor inzameldoelstelling
  - Illegale verwerking van e-waste
  - Export voor hergebruik
  - Zonnepanelen



## Key data sources:

- Global E-waste Monitor 2020
- The Dutch WEEE Flows 2010
- The Dutch WEEE Flows 2020
- [www.globalewaste.org](http://www.globalewaste.org)

Contact: [balde@vie.unu.edu](mailto:balde@vie.unu.edu)



wecycle

The Dutch  
WEEE Flows 2020



# Rapport te downloaden op [nvmp.nl/weeeflows](https://nvmp.nl/weeeflows)



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UNITED NATIONS  
UNIVERSITY

**UNU-VIE SCYCLE**