

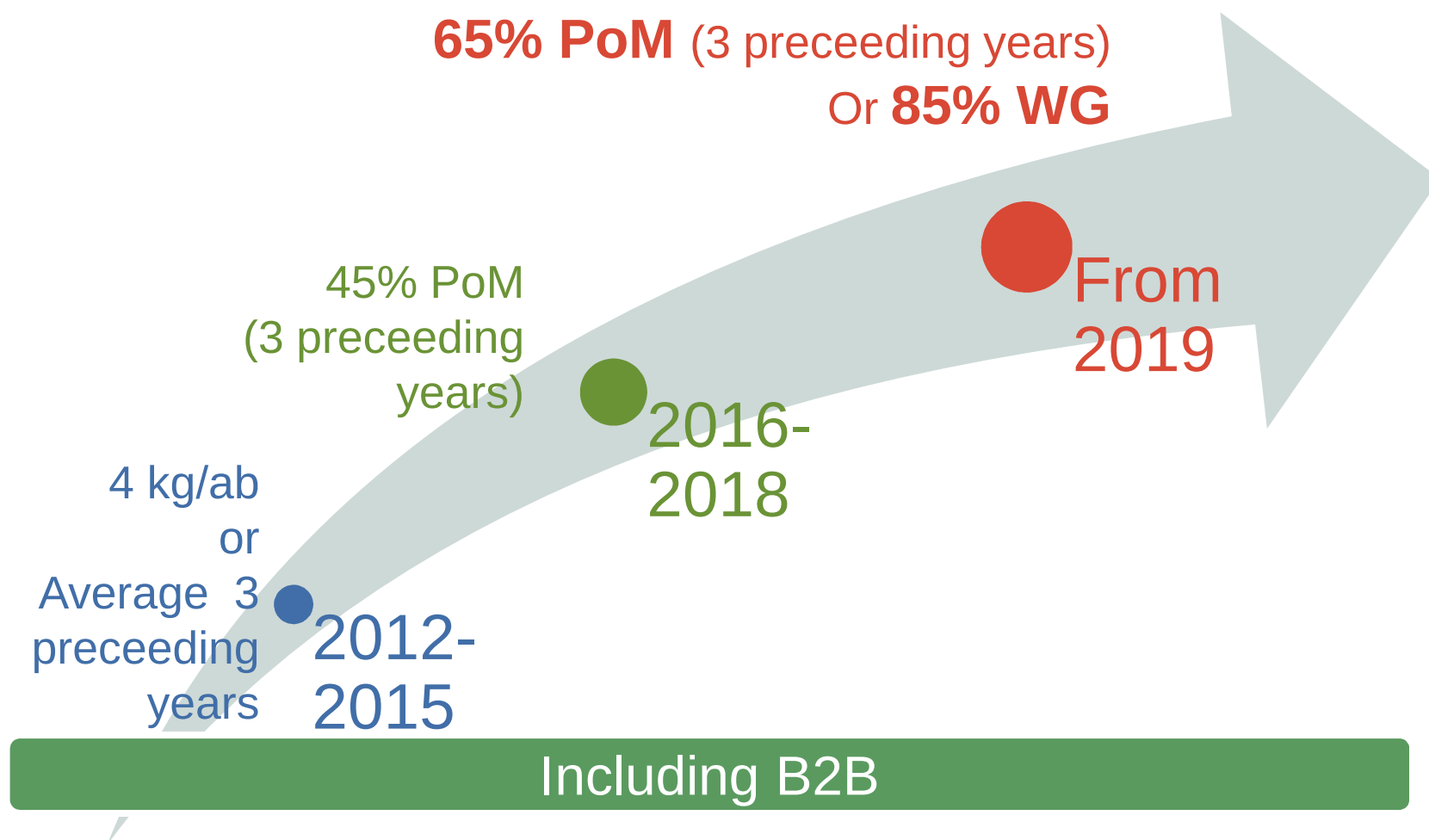
WEEE Arising: flows and implications

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settembre 2013

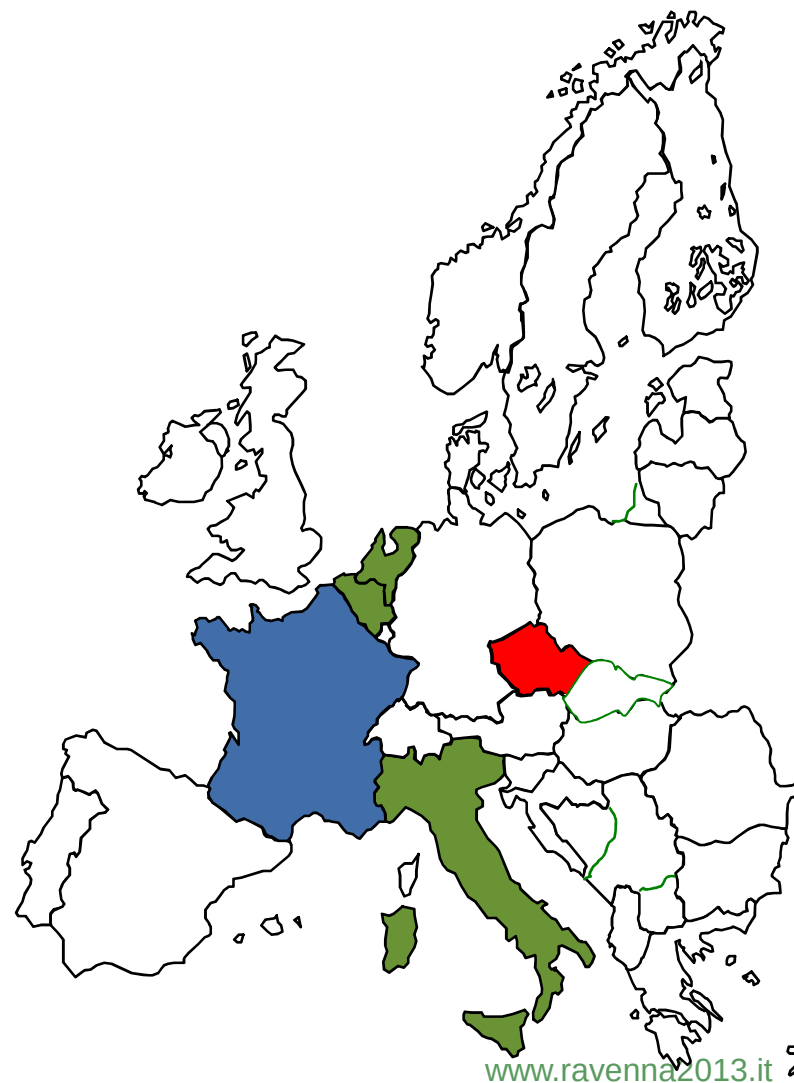


Challenges under WEEE Recast



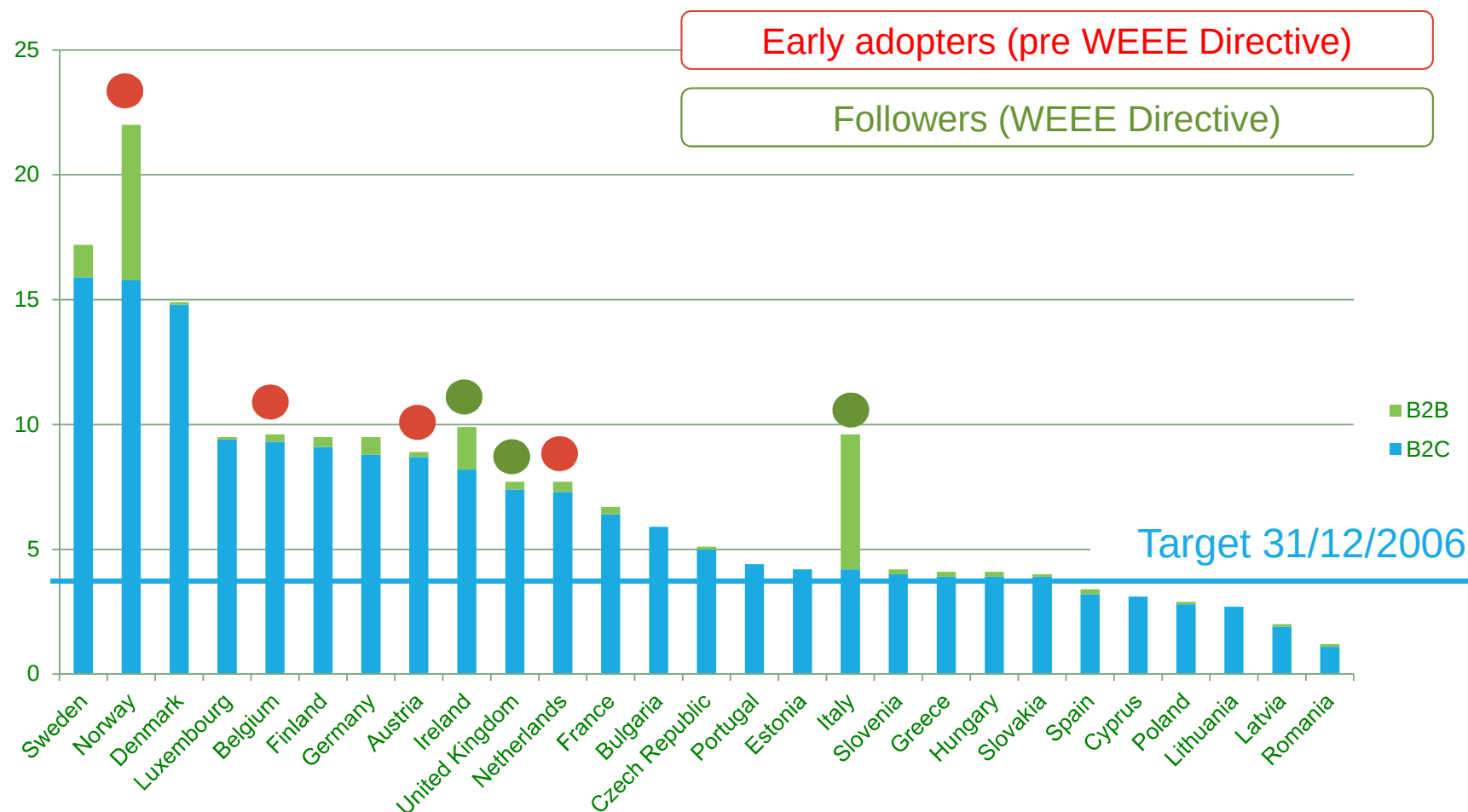
National studies, European context

- Methodology Consolidated:
 - Used in NL, BE, IT ●
 - WIP FR ●
 - Under Discussion CZ ●
- Methodology applicable to all waste streams, including B2B
- Identified Critical Factors for:
 - Target Setting
 - Collection Target Achievement
- Foundation for upcoming CWIT EU Project

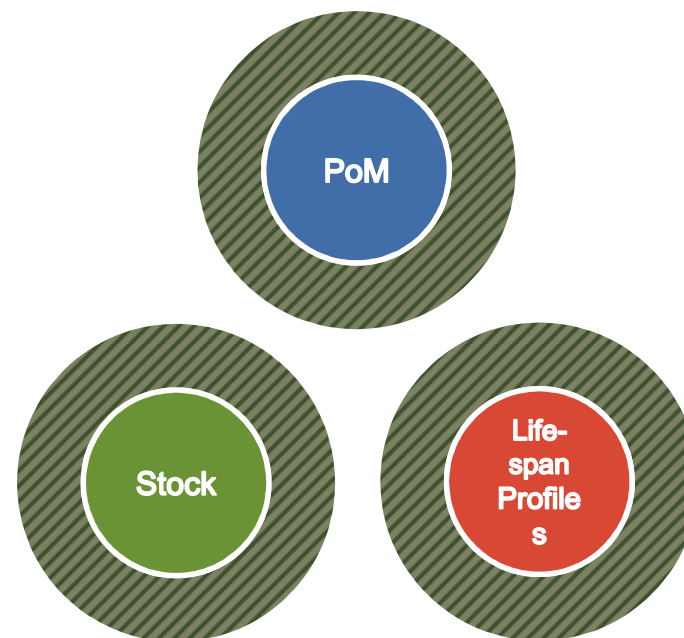
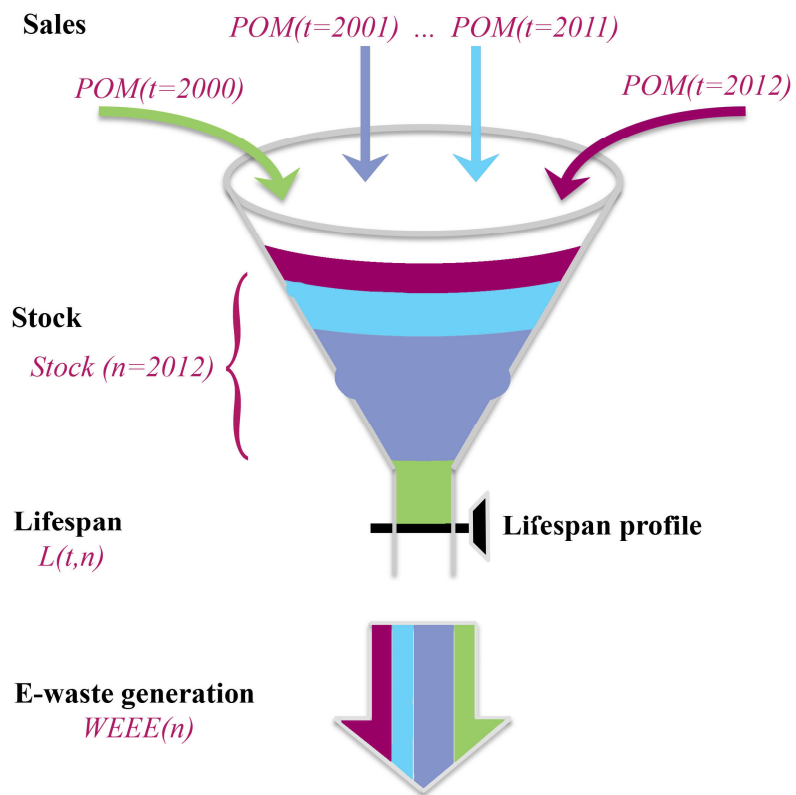


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Where WEEE are “2010”: Eurostat (19-03-2013)

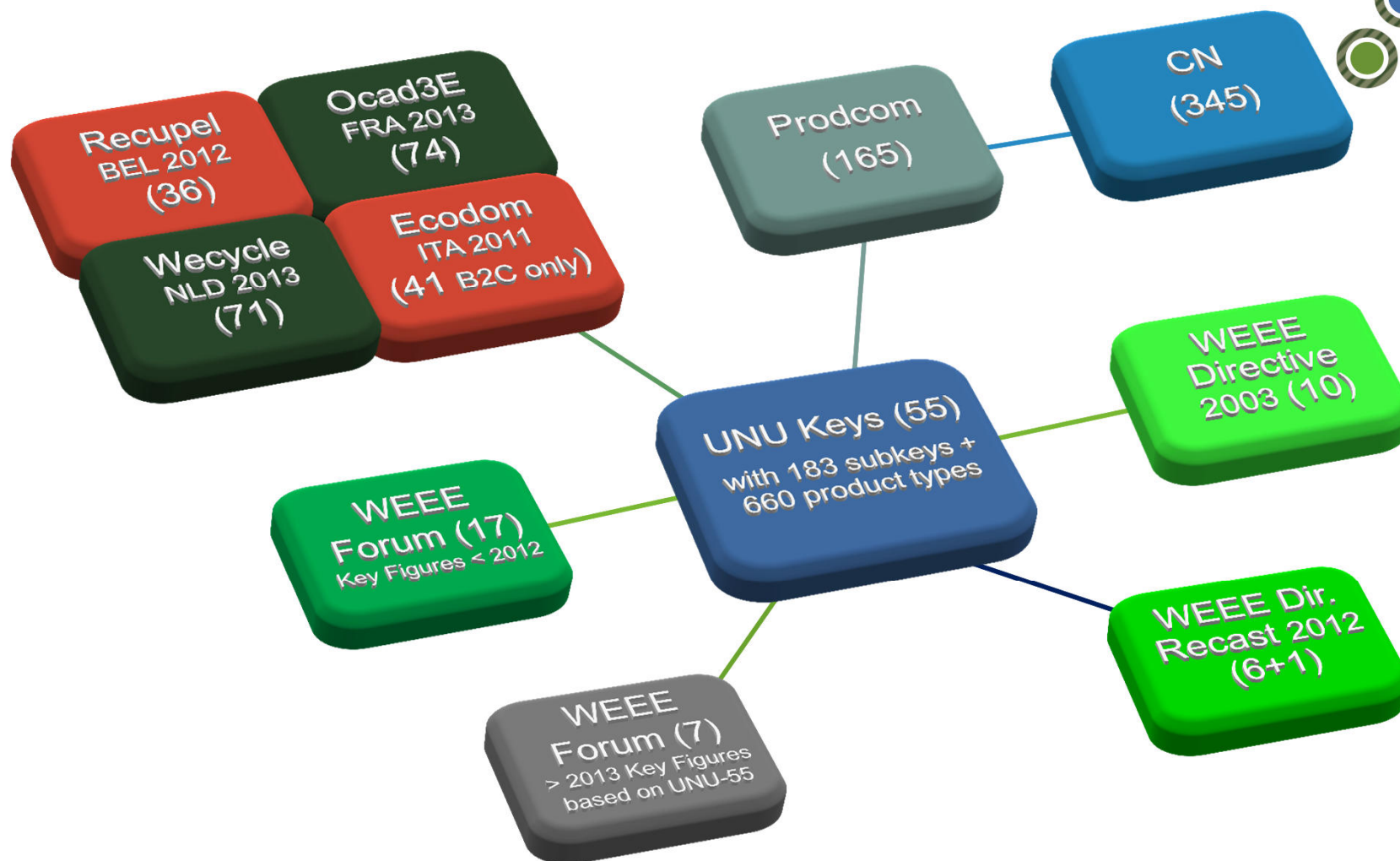


The WEEE Generated Model



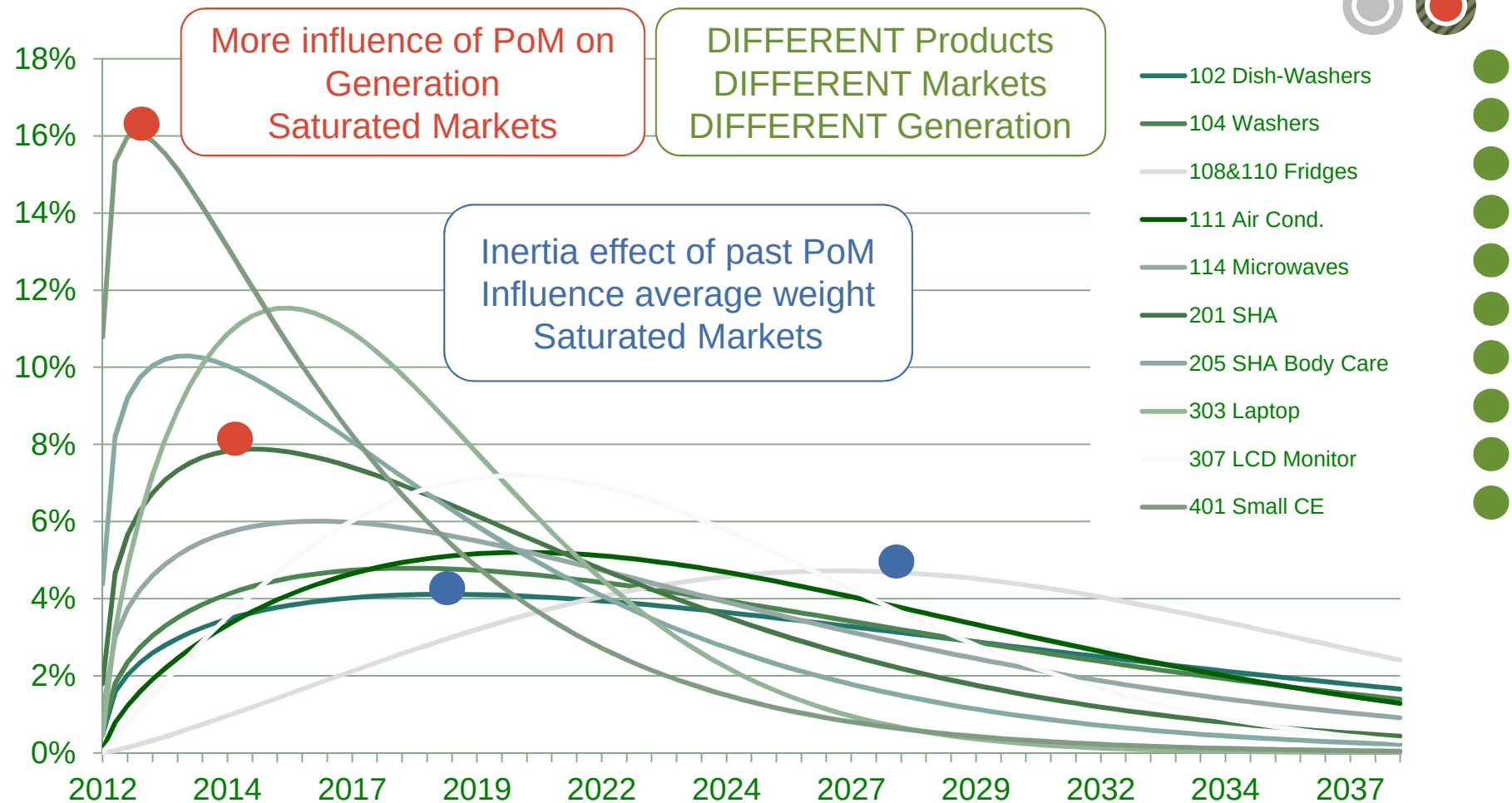
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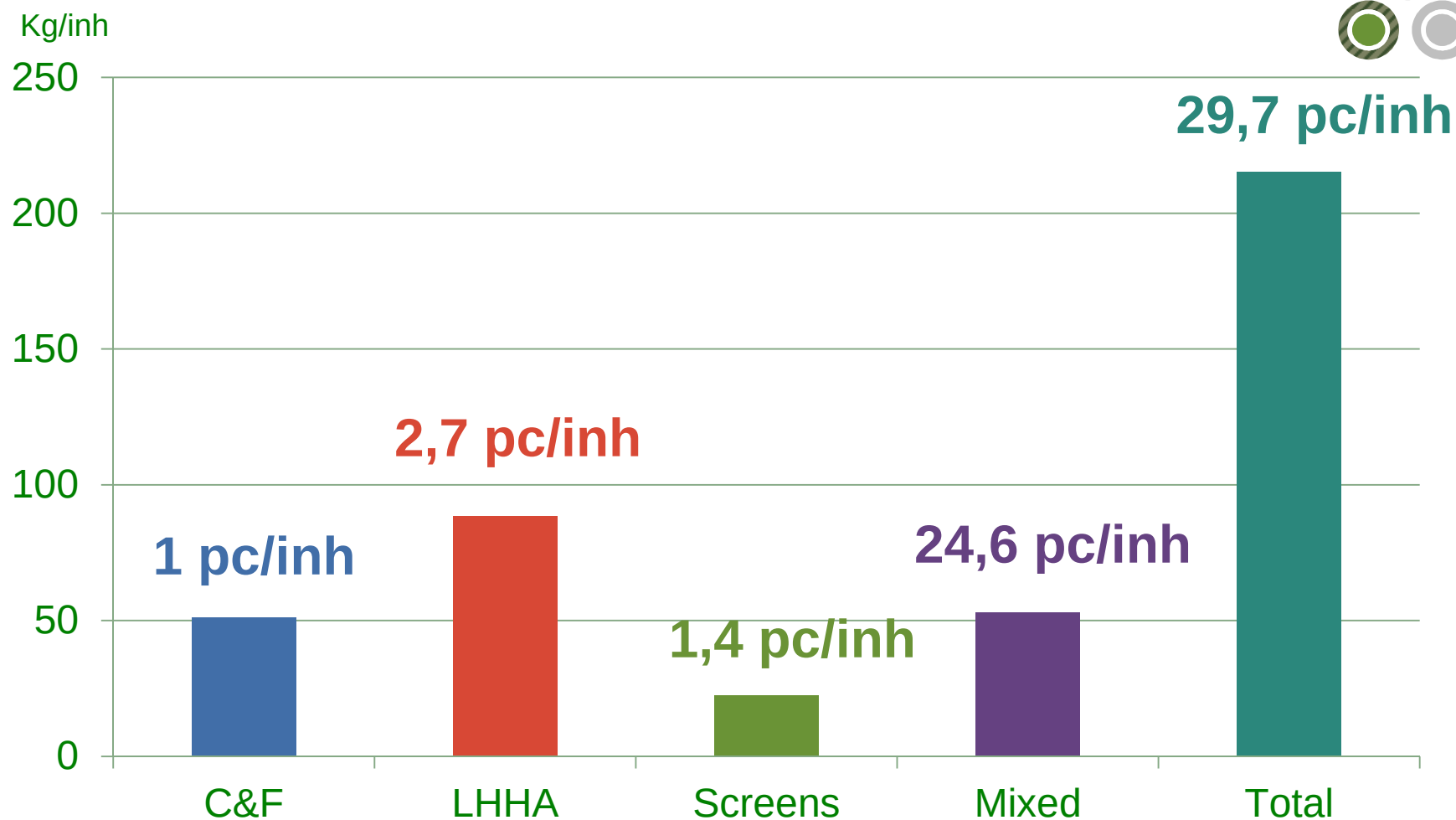


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Life-Time Profiles: Differences per UNU-KEY (Data ITA)

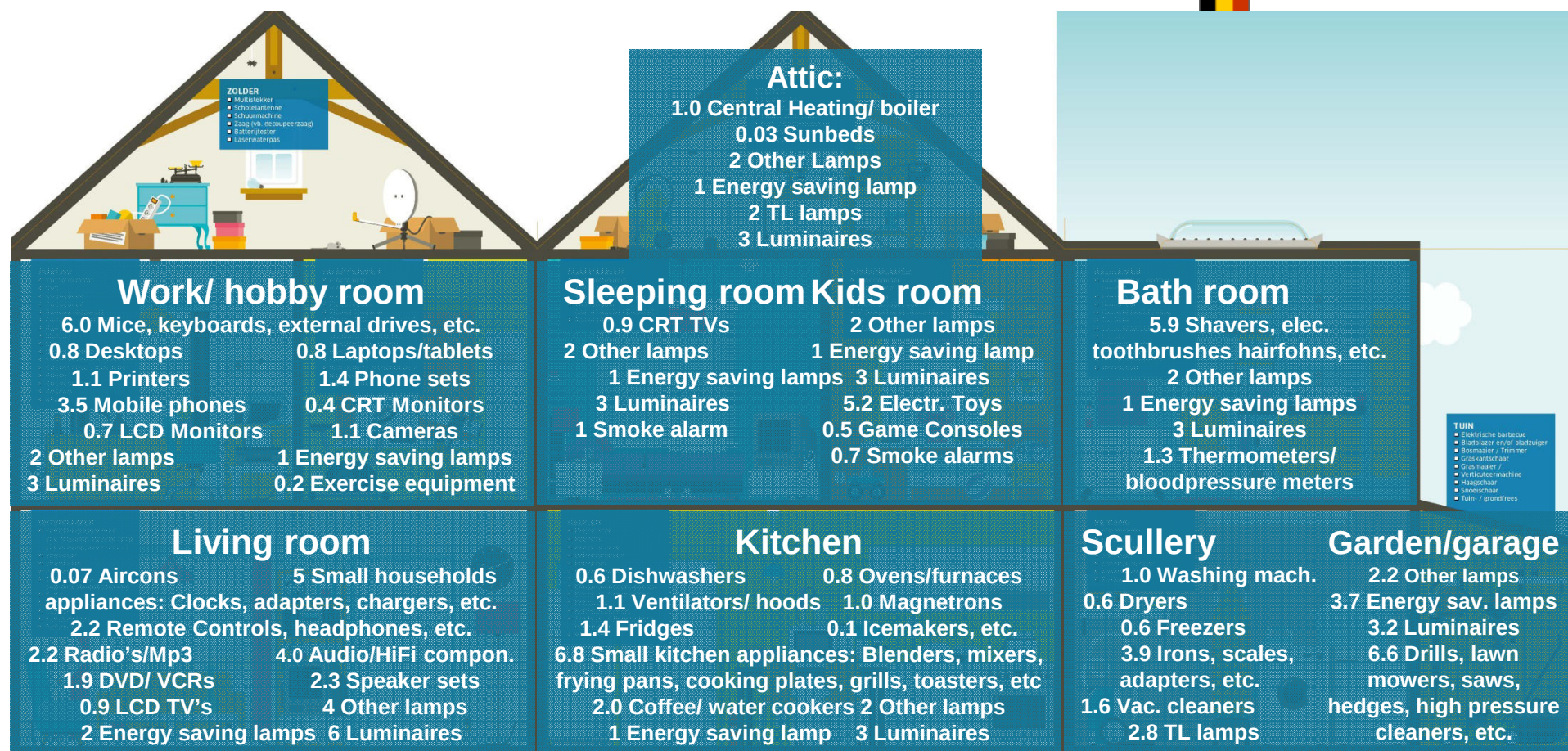


Household EEE B2C Stock (Data ITA)



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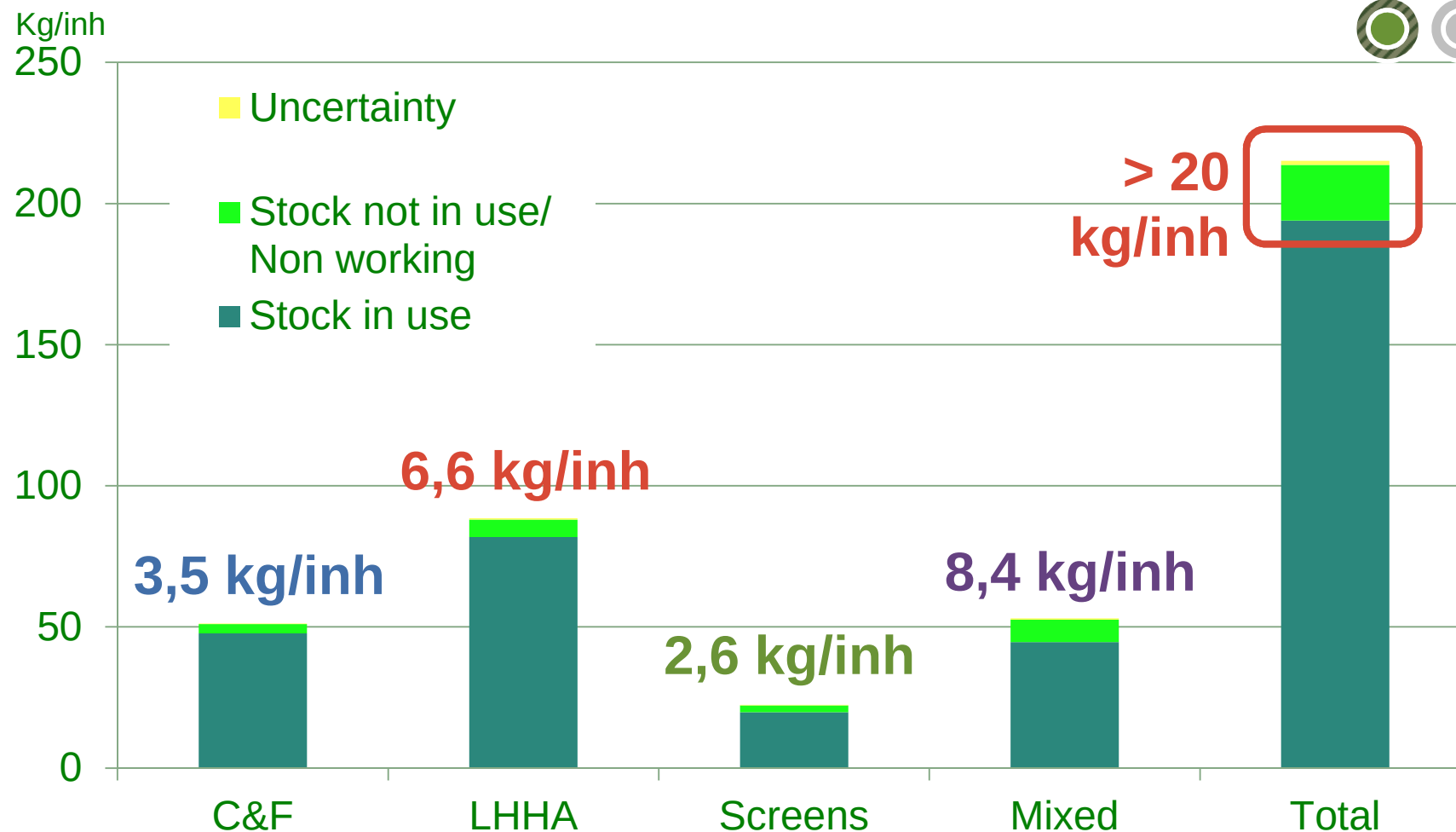
Household EEE Stock (Data BEL)



Total: 79 EEE + 47 Lamps/Luminaires per HH (B2C) // 36 EEE per HH (B2B)

Total Stock = 263 kg/inh.

Hybenrated EEE B2C Stock (Data ITA)

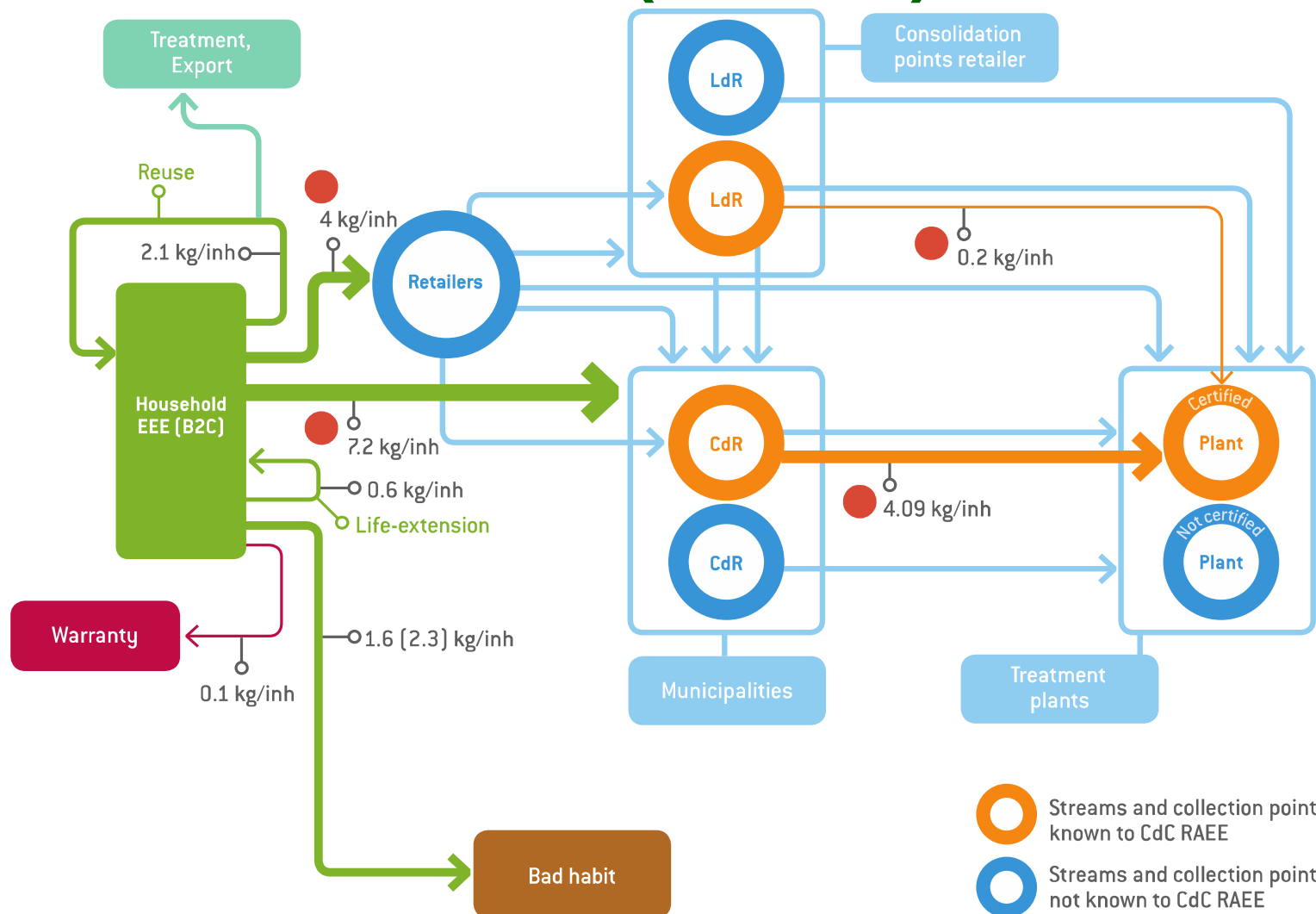


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Leakages of
"valuable"
streams

WEEE Flows 2011 (Data ITA)



Critical Aspects in waste statistics: Not just numbers

- EWC (CER) should be the right one (not scrap metals, other waste,...)
 - Economic reasons (profit scrap metal vs WEEEEE) Driver economico
 - Downstream treatment options (metal shredders vs WEEE Recycling plants)
- Future role ReUse (Recast):
 - Streams to be ReUsed after collection phase (art 6.2 recast)
 - Streams to be directly ReUsed (e-bay,...)
 - Cheery picking fractions in collection points (art 6.2 recast)



Overview: ITA, NLD, BEL

Data	BEL	NLD	ITA	Note
EEE PoM	26,2	26,2	21,6 (B2C)	
Stock EEE	260	285	220 (B2C)	
WG	22,4	24,2	16,3 (B2C)	ITA excl Lamps
Reported Formal System	10,5	7,5	4,3	
Complementary	2,7	6,6	> 6,9	
Export EEE	> 0,6	2,7	> 0,7	
Export WEEE	> 0,3	< 0,8	> 0,7	
MSW	1,5	2,3	1,6 – 2,3	
Unidentified	+/- 6,8	3,9 – 5,1	+/- 6,0	ITA no downstream investigation in the study

Formal(s) alone currently does not suffice

Complementary streams play a crucial role

Joint efforts (stakeholders) are needed to:

- Investigate and track downstream
- Identify missing flows

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Informal e-waste recycling: Worldwide perspective

