

Independent Inspector's Summary Report

VA Steering Committee Meeting
13 November 2018

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The Independent Inspector's role



- Reporting compliance status and energy consumption periodically based on data supplied by VA Signatories
- Participation at annual Steering Committee meeting
- Audit:
 - Annual random audit x 2
 - Intelligence-based audit
 - Non-compliance audit
 - Further development of audit methodology
- Responding to verification queries (as per Section 8.2 of VA):
 - e.g. from National Market Surveillance Authorities

Covered by

Existing contract

Existing contract

Existing contract

Escrow process

Defaulting Signatory

Existing contract

Not covered

Summary account of contracted work completed in 2018



- The Annual Compliance Report
- Energy consumption report
- Random auditing of two Signatories

The VA's requirements (Parts I & II)



Primary design requirements

- *90% of all TEC products and 99% of all OM products to meet ENERGY STAR 2.0 energy consumption requirements (this is Tier 3)*
- *OM products to meet ENERGY STAR 2.0 default delay times*
- *TEC products to provide duplex printing*

Other resource efficiency requirements

- *Availability of N-up printing*
- *Various design for recycling requirements*
- *Polymer-related requirements for TEC products placed on the market*
- *Cartridge-related requirements for all products placed on the market*
- *Provision of information on minimum % of postconsumer recycled plastic content, calculated as a % of total plastic (by weight) in each product placed on the market (both product technologies)*

The VA's requirements (Part III)

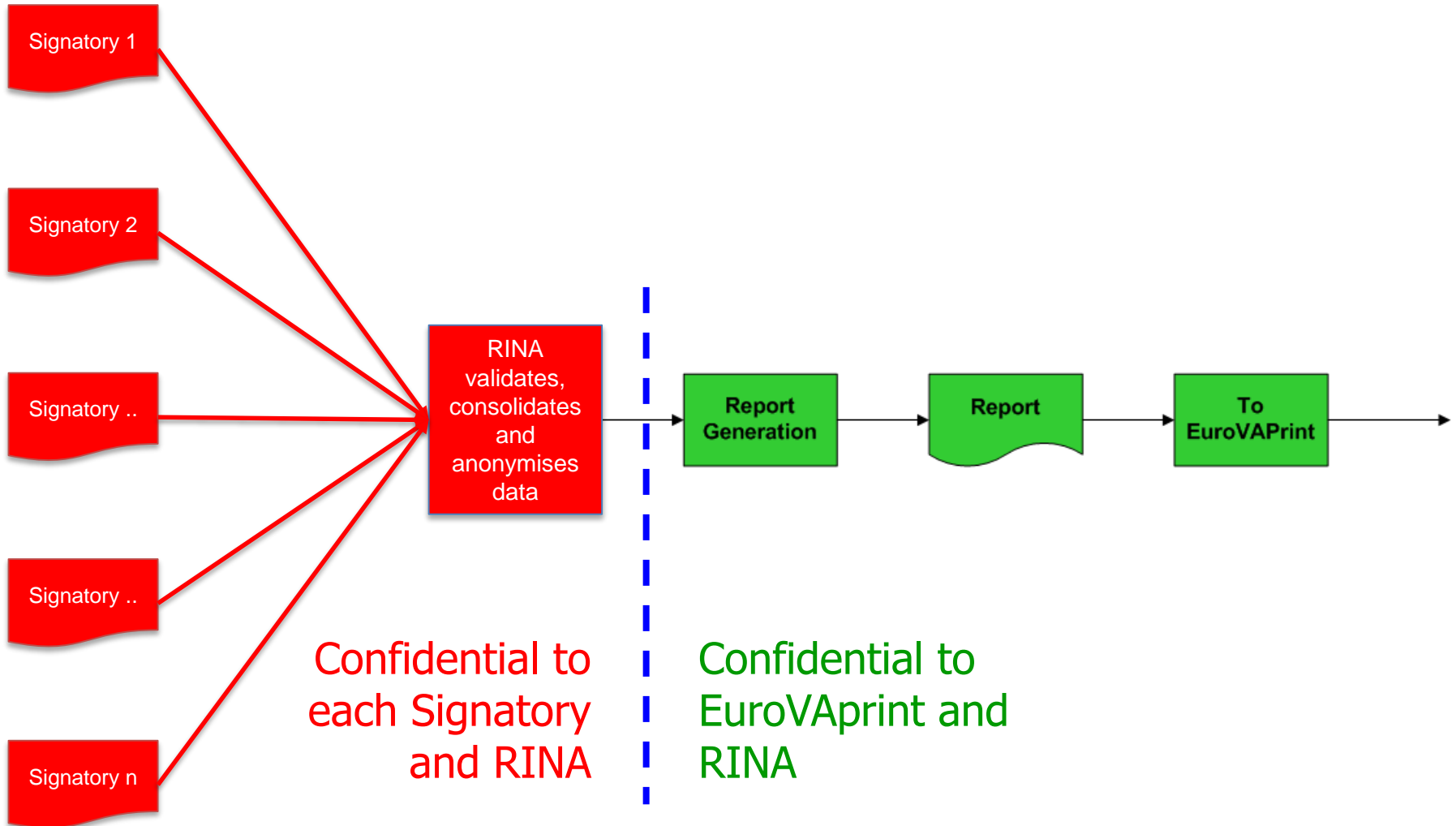


End-user information requirements

- *Provision of resource efficiency and energy efficiency information to end-users*
- *Availability of spare parts: 5 years in the case of electrophotography, solid link and high performance inkjet models; 3 years in the case of inkjet models*
- *Provision of information on end-of-life management options for used cartridges to end-users*
- *Provision of paper recyclability information*
- *Improvement on paper recyclability (not a product-specific requirement)*
- *Provision of information pertaining to product environmental characteristics; this includes information on inkjet and toner cartridge yield*

Annual Compliance Report - Period 8 (2017 calendar year)

The data collection process



Results for TEC products



Targets	90%		100%		100%	
Signatory Nr.	Part I compliance rate	Meets Part I compliance target?	Part II compliance rate	Meets Part II compliance target?	Part III compliance rate	Meets Part III compliance target?
1	96.00%	Yes	100.00%	Yes	100.00%	Yes
2	99.92%	Yes	100.00%	Yes	100.00%	Yes
3	99.92%	Yes	100.00%	Yes	100.00%	Yes
4	96.90%	Yes	100.00%	Yes	100.00%	Yes
5	97.83%	Yes	100.00%	Yes	100.00%	Yes
6	95.07%	Yes	100.00%	Yes	100.00%	Yes
7	95.70%	Yes	100.00%	Yes	100.00%	Yes
8	99.58%	Yes	100.00%	Yes	100.00%	Yes
9	99.99%	Yes	100.00%	Yes	100.00%	Yes
10	96.53%	Yes	100.00%	Yes	100.00%	Yes
11	99.55%	Yes	100.00%	Yes	100.00%	Yes
Overall compliance rate	97.39%		100%		100%	

Results for OM products



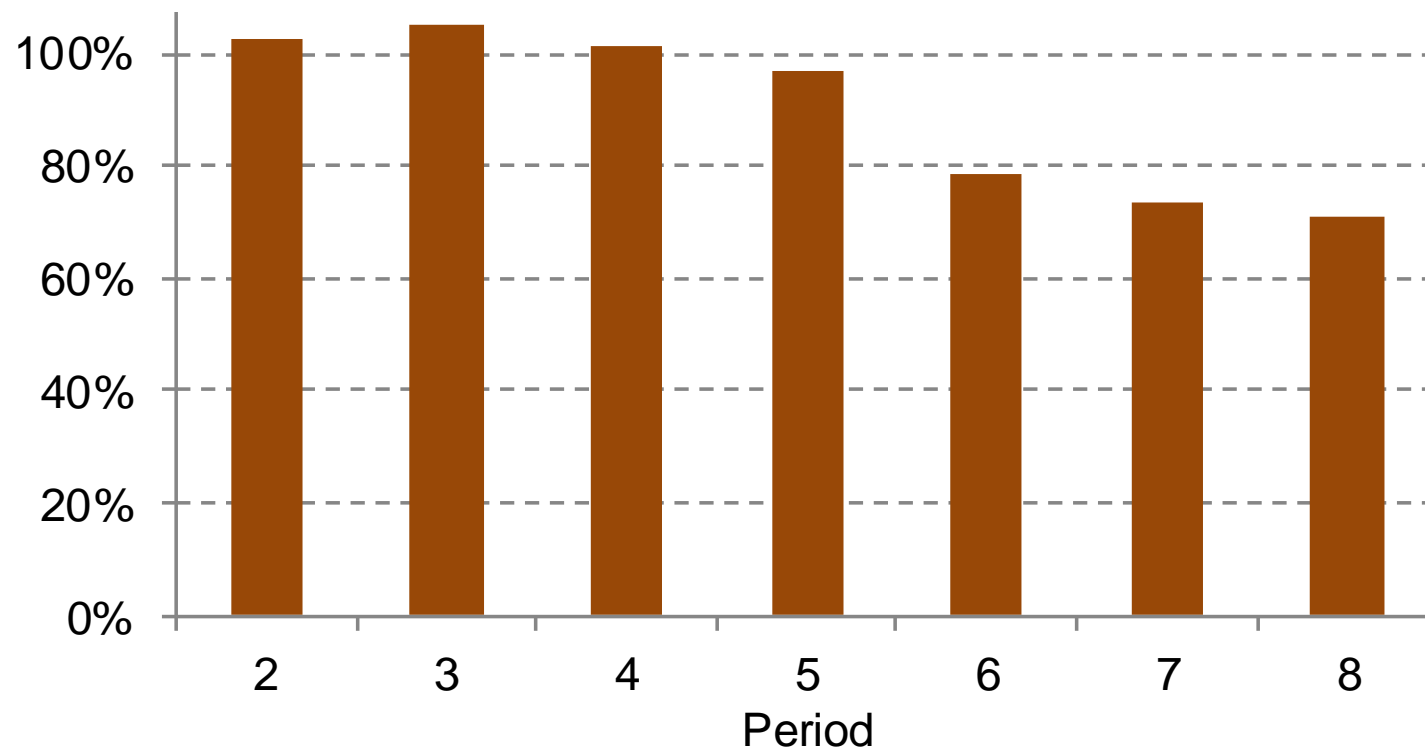
Targets 99% 100% 100%

Signatory Nr.	Part I compliance rate	Meets Part I compliance target?	Part II compliance rate	Meets Part II compliance target?	Part III compliance rate	Meets Part III compliance target?
5	99.63%	Yes	100.00%	Yes	100.00%	Yes
7	100.00%	Yes	100.00%	Yes	100.00%	Yes
8	100.00%	Yes	100.00%	Yes	100.00%	Yes
11	100.00%	Yes	100.00%	Yes	100.00%	Yes
Overall compliance rate	99.93%		100%		100%	

Energy consumption: TEC products

TEC Products

Energy consumption of "average" unit compared with Period 1



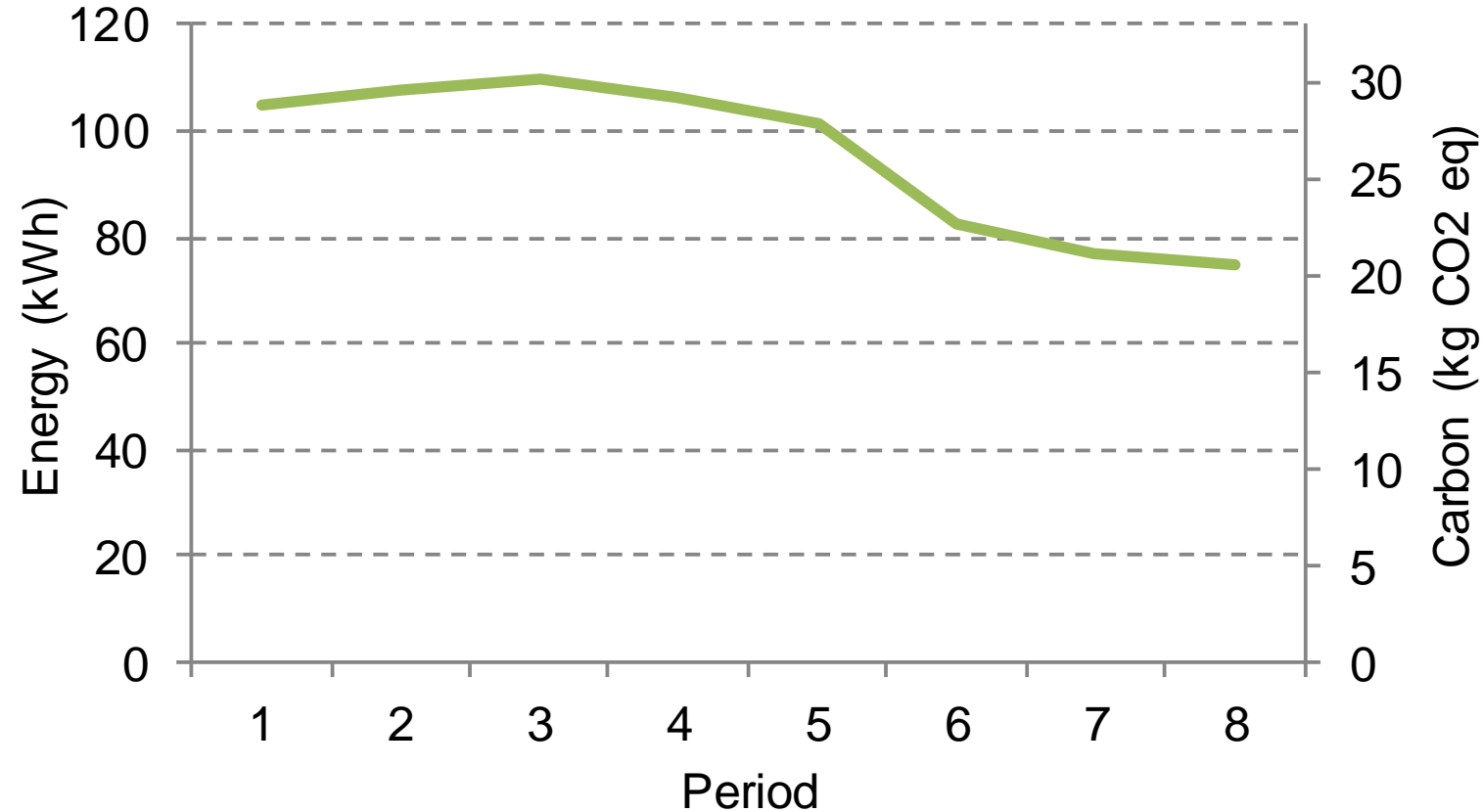
Mean energy consumption per unit compared with Period 1 (2011)

– *Little change over the first five periods of the VA (2011 to 2014)*

- *73.5% in Period 7*
- *71.2% in Period 8*

TEC Products

Annual consumption of "average" unit



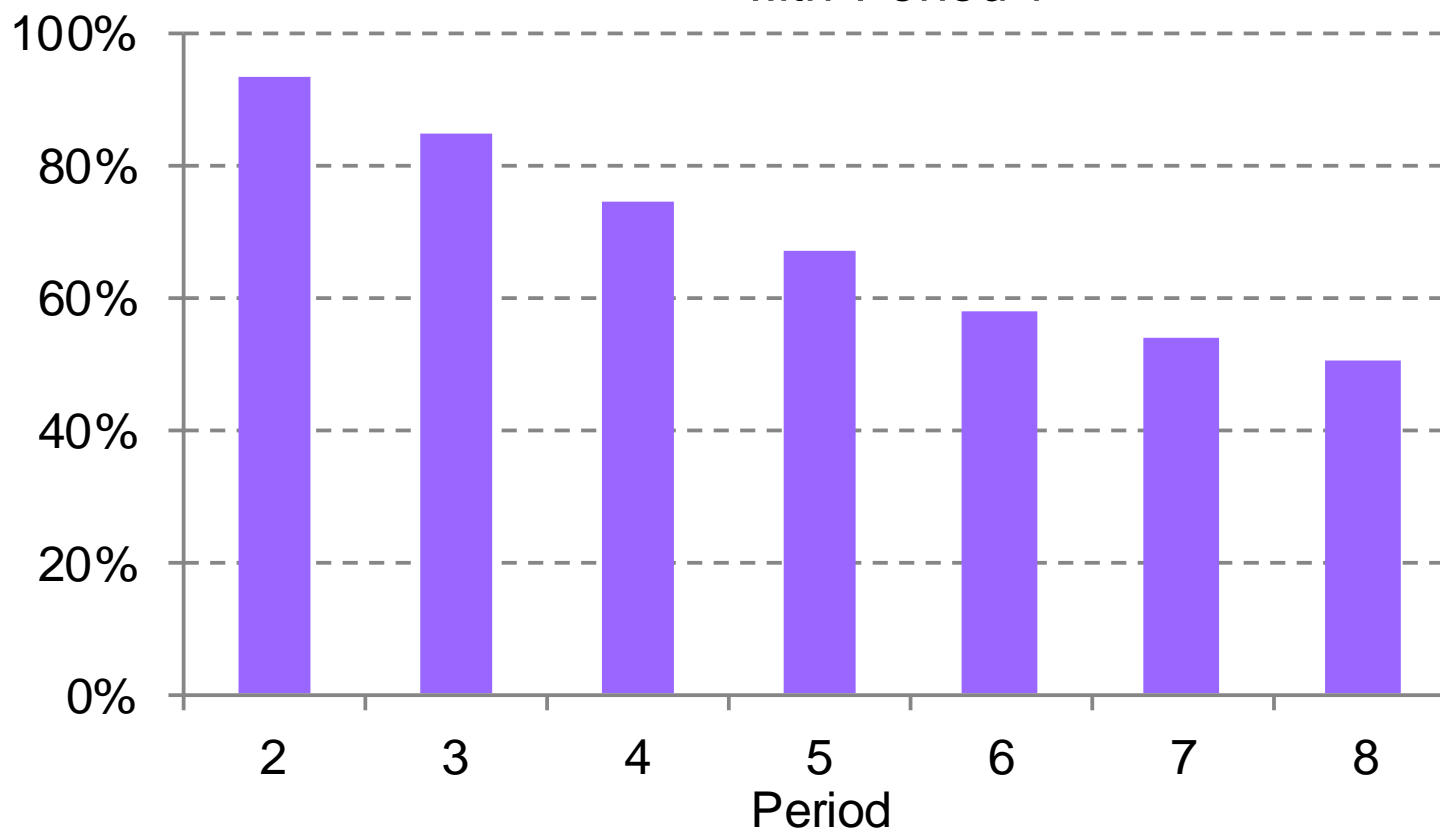
Energy consumption across all products in scope continues to fall slowly

Carbon conversion rate: 0.276 kg CO2/kWh

Energy consumption: OM products

OM Products

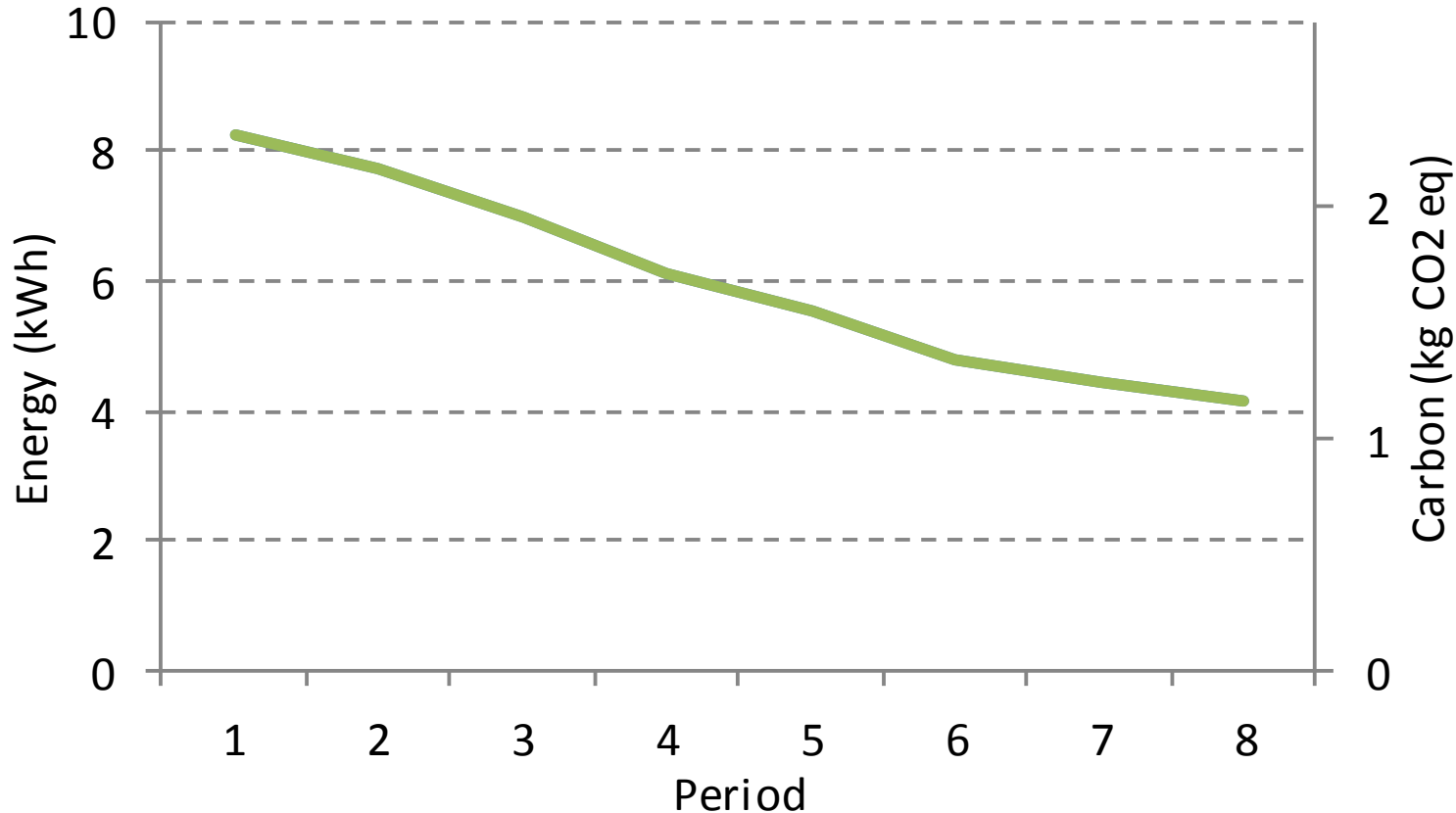
Energy consumption of "average" unit compared with Period 1



Mean energy consumption per unit, as compared with Period 1 (2011), has reduced from 53.8% in Period 7 to 50.5% in Period 8

OM Products

Annual consumption of "average" unit



Energy consumption across all products in scope continues to fall slowly

Carbon conversion rate: 0.276 kg CO2/kWh

Random Auditing

Follows a methodology



Examples of audit evidence

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Commercial-in-Confidence



Title: **Imaging VA Audit Methodology**

Version: **1.0**

Description: Methodology for the auditing of Signatories to the "Industry Voluntary Agreement to Improve the Environmental Performance of Imaging Equipment Placed on the European Market Version 3.2"

Client: EuroVAPrint


Prepared by: Dr Alex Martin

Issue date: 9 June 2016

Ref: Imaging VA v2_Audit Methodology_Version 1.0.doc

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Printing Guide

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e-STUDIO2505AC/3005AC/3505AC/4505AC/5005AC
e-STUDIO2508A/3008A/3508A/4508A/5008A
e-STUDIO5506AC/6506AC/7506AC
e-STUDIO5508A/6508A/7508A/8508A
e-STUDIO3508LP/4508LP/5008LP



Summary of the 2018 audits



- Toshiba and Xerox were audited.
- In both instances, imaging equipment within scope of the VA includes only TEC products. Hence, no OM products featured in the audits.
- As in previous years, audit evidence encompassed (but was not limited to):
 - Product specifications/datasheets; existing certification(s)
 - User guides and manuals (including for recycling)
 - Bill of materials; internal calculations regarding the composition of plastic parts
 - Policy documents; corporate environmental information.
- No non-compliance was found; summary reports are posted on the EuroVAprint website.

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