



# North America Environmental Impact

2016 Review and 2017 Targets

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Prepared by Julie Jones & Jason Mitja

## Document Information

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### Contact Person

Julie Jones  
Associate Facility Director  
TSYS  
York  
Tel: + 44 (0) 1904 562578  
Fax: + 44 (0) 1904 562038  
juliejones@tsys.com  
www.tsys.com

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# TABLE OF CONTENTS

<b>Document Information .....</b>	<b>2</b>
<b>2016 Review .....</b>	<b>5</b>
<b>2017 Targets.....</b>	<b>7</b>
<b>Our Energy Target .....</b>	<b>7</b>
<b>Our Water Target .....</b>	<b>8</b>
<b>Our Waste Management Target .....</b>	<b>8</b>

# 2016 Review

In both 2016 and 2017, TSYS were named in Ethisphere's World's Most Ethical Companies list. This is the fourth and fifth time in the last six years that TSYS has achieved this honor, which underscores its commitment to leading ethical business standards and practices. 2016 was particularly significant as this was the tenth anniversary of the founding of Ethisphere and the World's Most Ethical Companies designation.

In June, TSYS were also named in The Civic 50 for 2016 recognising the amount of time invested and the involvement our team members have in their respective communities. We are incredibly honored to have been included in The Civic 50 continually since 2013.

The Carbon Disclosure Project (CDP) works to transform the way the world does business to prevent dangerous climate change and protect our natural resources. CDP use the power of measurement and information disclosure to improve the management of environmental risk.

In 2016, TSYS improved our CDP score to Performance Band D, marking the 3<sup>rd</sup> consecutive year we have improved our score.

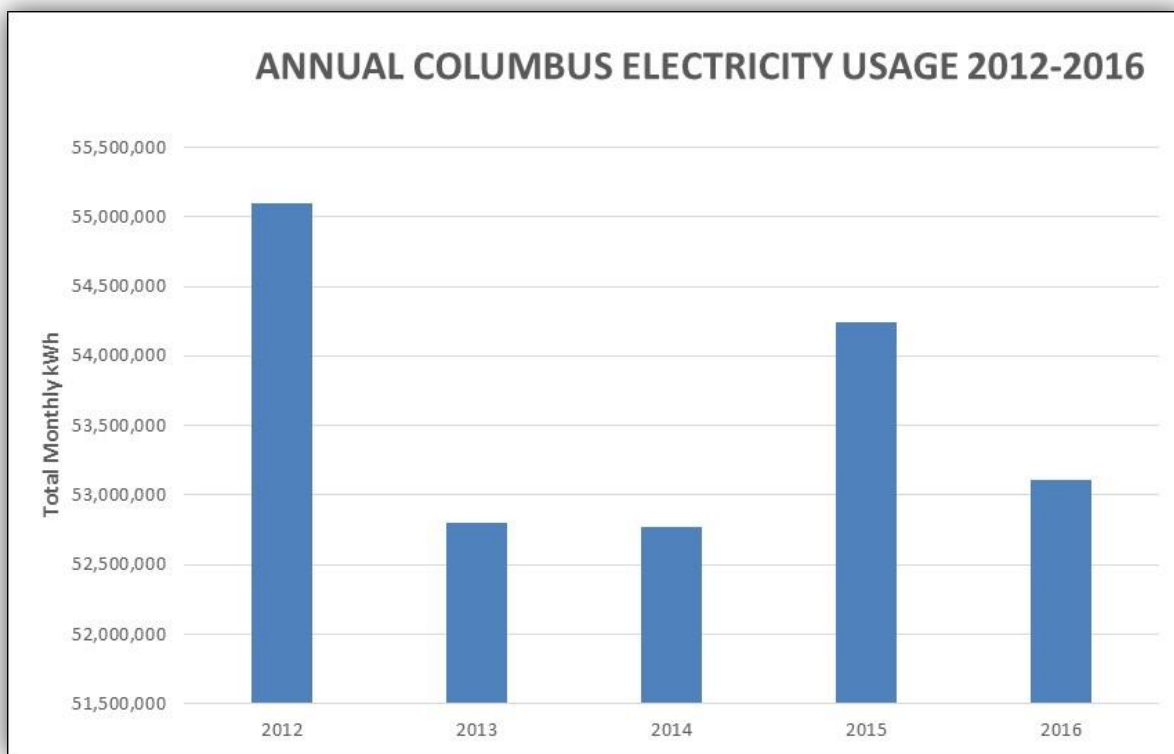


## 2016 Energy Usage

Our target was to reduce our total energy usage by 1.5 %, measured by comparing transaction volume against energy consumption to provide a kWh per transaction. This allowed us to reflect business growth while still providing an accurate, demonstrable metric.

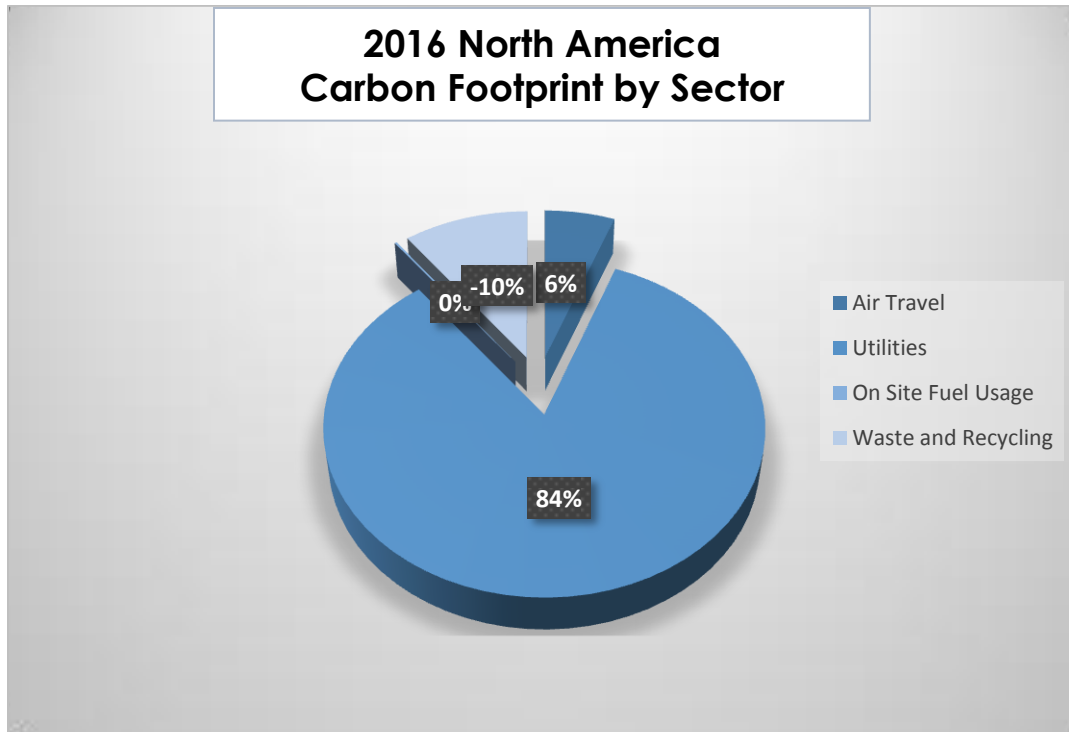
In 2015 our total energy kWh per transaction was 0.6499. In 2016 our kWh per transaction had reduced to 0.6107%, showing a year on year reduction of 6.04%. This exceeded our target and demonstrates our ongoing commitment to improving our energy efficiency and reducing our kWh per transaction. We regularly review our progress against targets and continue to add new actions to our Environmental Action Plan.

2016 also saw a reduction in the total number of kWh used - falling by 2.752%.



## 2016 Carbon Footprint

This year's carbon footprint is based on information for the calendar year 2016. We have amended the formulae used to calculate our Carbon Footprint to reflect the EPA WARM Version 13 (March 2015) guidance. Using these latest conversion factors, our carbon footprint shows an overall total of 38,779 MTECO<sub>2</sub> was produced in 2016.



## Water Usage

Our target was to reduce water usage by 2% across our Columbus locations where we have direct control of water usage.

Water usage in 2015 was 44,336,204 US Gallons which reduced to 40,823,596 US Gallons in 2016, a reduction of just under 8%, thereby exceeding our target.

## Waste Management

Our waste targets in 2016 was to increase the amount of waste recycled or diverted from landfill via waste recovery schemes to a minimum of 55%.

We worked really hard with our waste partners and managed to recycle 73% of the 2,565 tons of waste generated, with only 703 tons going to landfill. We recycled waste metals, carpet, wood pallets, aluminium cans, plastics, paper and card.

## Our 2017 Targets

### Energy Usage

TSYS recognizes that energy usage is our largest single environmental impact and also the main contributory factor in our overall carbon footprint. We have been measuring our energy usage for a number of years as we recognize this is our major environmental impact.

We are constantly monitoring this and many of our current and previous environmental improvements detailed on our internal action plans relate to changes which will reduce our electricity consumption, which is by far our largest individual utility usage. These changes are across every area of our business as our team members seek to identify where we can introduce new technologies, virtualize equipment and make small changes at a more local level all of which will help us achieve our targets.

In 2015 we revised our Global Energy Policy and committed to introducing and publicising SMART targets. 2016 is the first year we have formally set such targets which will be measured against our agreed baseline year of 2015.

To accurately measure our energy usage we use the following indicator:

- We will measure transaction volume against energy consumption to provide a kWh per transaction. This measure allows for business growth to be accurately reflected.
- Our energy usage will not be limited to electricity, but will also reflect gas and diesel usage

### Our Energy Target

We aim to continue to reduce energy usage by 1.5% in 2017, based on 2015 usage figures.

We will continue to work with our team members to reduce electricity wastage and introduce new technologies.

We aim to achieve our target by adjusting environmental controls for heating and cooling throughout our buildings, making temperature set-point improvements in our IT environments, making engineering changes to our lighting within our buildings and taking steps to ensure our technology and infrastructure work efficiently.

Furthermore, we will continue to secure adequate and reliable energy supplies at the most advantageous rates and implement contingency plans to protect operations from energy supply interruptions.

## Water Usage

TSYS recognizes that water is a limited resource and we should ensure that we use this resource wisely within our buildings.

For all our North America premises where we have control of the water supply (i.e. excludes common areas within multi-tenanted buildings) we will measure our water usage in total US Gallons

## Our Water Target

We aim to reduce our total water usage by 2% by working with key suppliers, monitoring our water management systems and encouraging with our team members to be aware of, and continue to reduce, water wastage.

## Waste Management

We will measure our waste management by the amount of waste we recycle, the percentage of waste diverted from landfill and the overall amount of waste generated by our offices by weight.

## Our Waste Management Target

By working with our key waste management providers, we will support and invest in new technologies to increase the amount of waste recycled or diverted from landfill via waste recovery schemes to a minimum of 65%.

We aim to achieve this target by working with our team members to increase recycling levels, and working with our suppliers to ensure that wherever possible, non-recyclable materials are eliminated from packaging.