

# ECOLAB<sup>®</sup>

## Environmental Performance Data 2017

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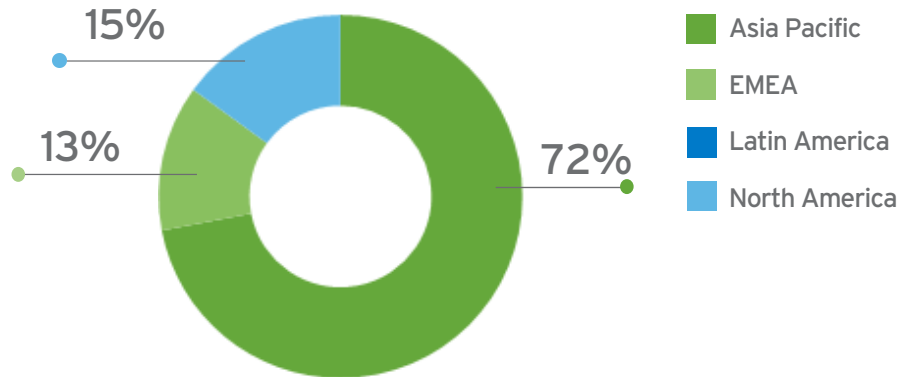
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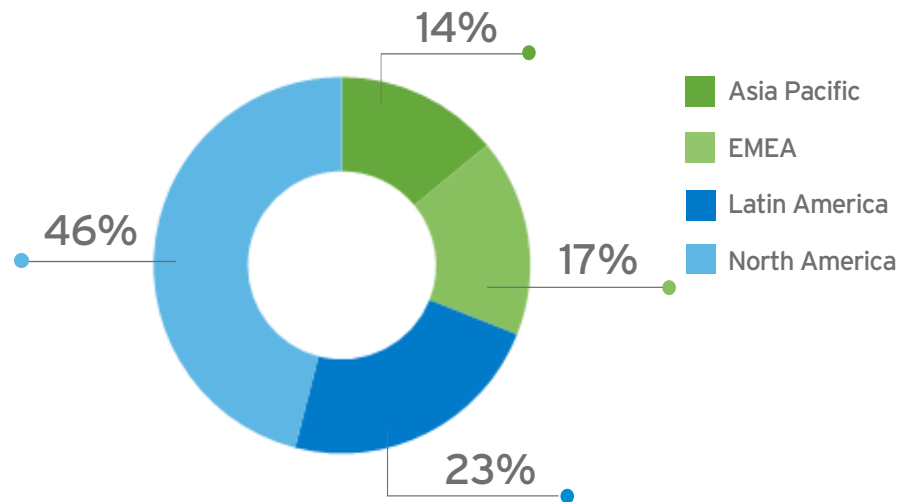
Additional information  
about our environmental performance  
is available in our 2016 Sustainability  
Report and GRI Index available at  
[www.ecolab.com/sustainability](http://www.ecolab.com/sustainability).

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## Energy Conserved Through Energy Conservation Projects by Region – 2017



## Water Conserved Through Water Conservation Projects by Region – 2017

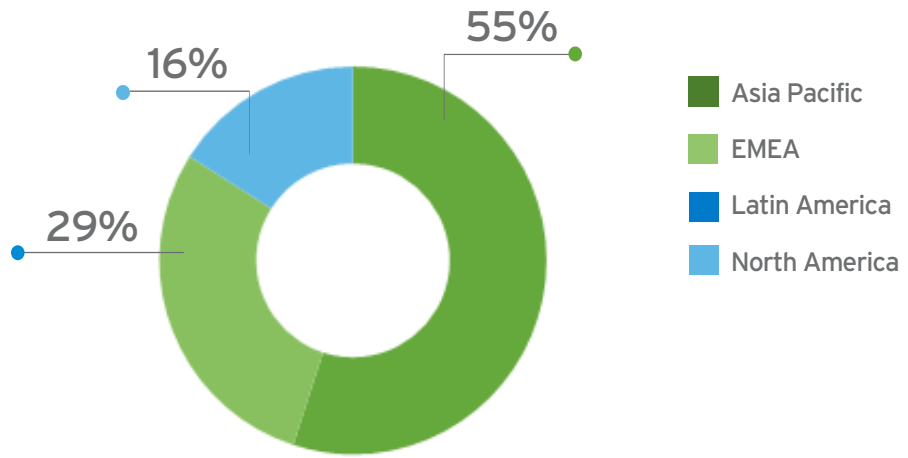


	CONSERVED IN PROJECTS	COST SAVINGS AS A RESULT OF 2017 PROJECTS (USD)	COST OF PROJECTS (USD)
<b>Water</b>	41,729 cubic m	\$71,508	\$624,529
<b>Energy</b>	1,171 MWh	\$159,847	\$803,225

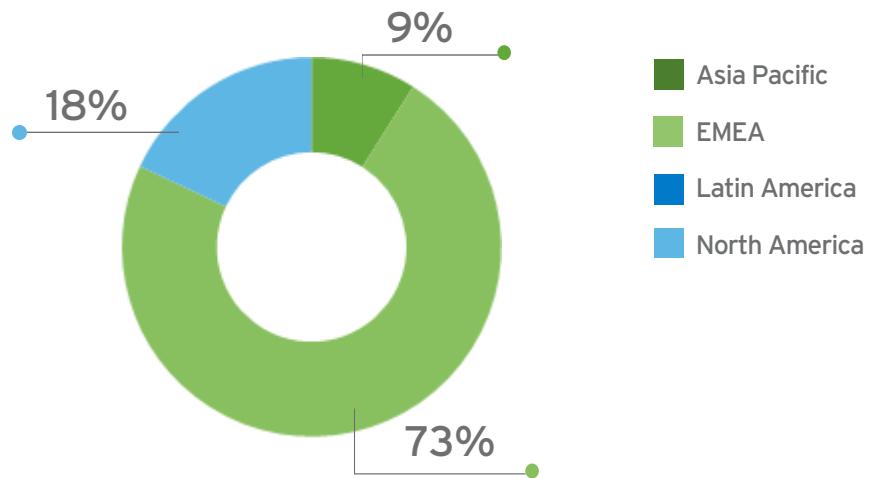
Scope: All Owned or Operationally Controlled Global Facilities

# Energy Conservation

## Cost Savings Resulting from Energy Conservation Projects by Region – 2017

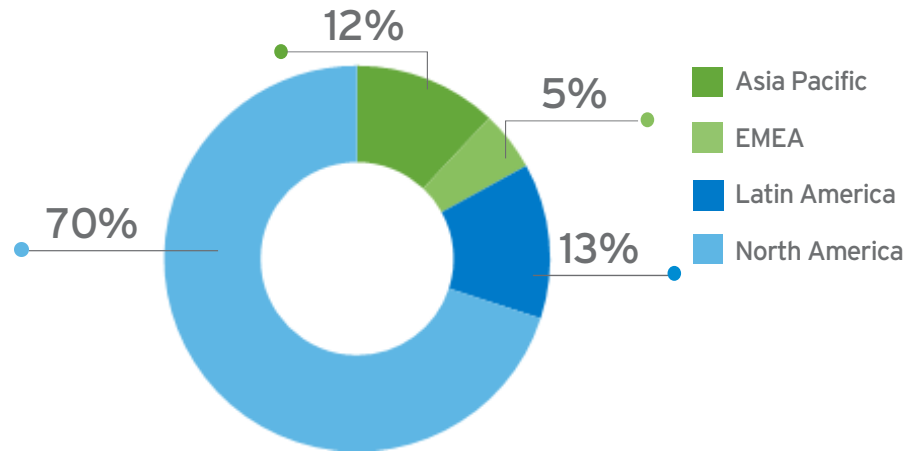


## Investment in Energy Conservation Projects by Region – 2017

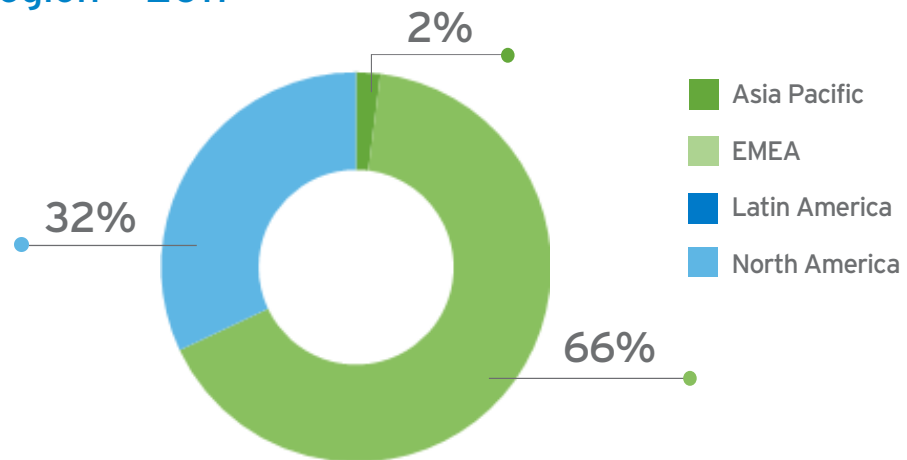


Scope: All Owned or Operationally Controlled Global Facilities

## Cost Savings Resulting from Water Conservation Projects by Region – 2017



## Investment in Water Conservation Projects by Region – 2017



Scope: All Owned or Operationally Controlled Global Facilities

## Total Investment and Savings Achieved as a Result of Energy and Water Conservation Projects by Region – 2017

	SUM OF ESTIMATED SAVINGS (USD)	SUM OF COST OF PROJECT (USD)
<b>Energy</b>	<b>\$159,847</b>	<b>\$803,225</b>
Asia Pacific	\$88,247	\$75,225
EMEA	\$46,000	\$587,000
Latin America	-	-
North America	\$25,600	\$141,000
<b>Water</b>	<b>\$71,508</b>	<b>\$624,529</b>
Asia Pacific	\$8,264	\$12,529
EMEA	\$3,500	\$415,000
Latin America	\$9,620	-
North America	\$50,124	\$197,000
<b>Global</b>	<b>\$231,355</b>	<b>\$1,427,754</b>

*Note:*

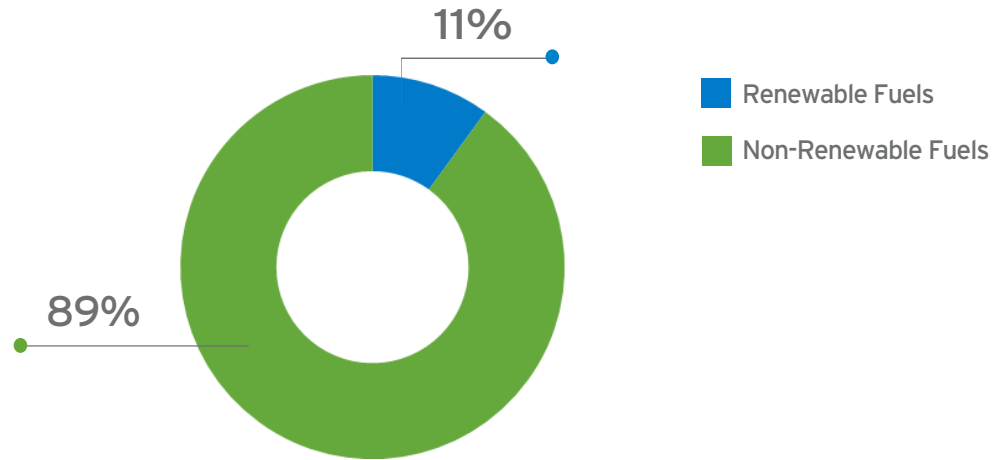
*Investment data is available for projects that saved 100% of the overall energy saved in 2017.*

*Investment data is available for projects that saved 100% of the overall water saved in 2017.*

*Cost savings data is available for projects that saved 100% of the overall energy saved in 2017.*

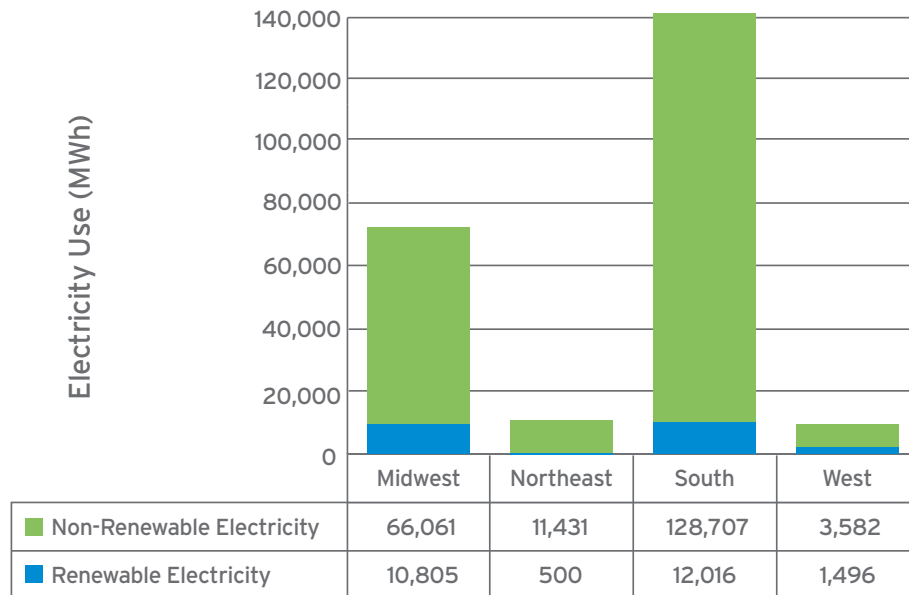
*Cost savings data is available for projects that saved 90% of the overall water saved in 2017.*

## Percentage of Electricity that is Renewable – 2017



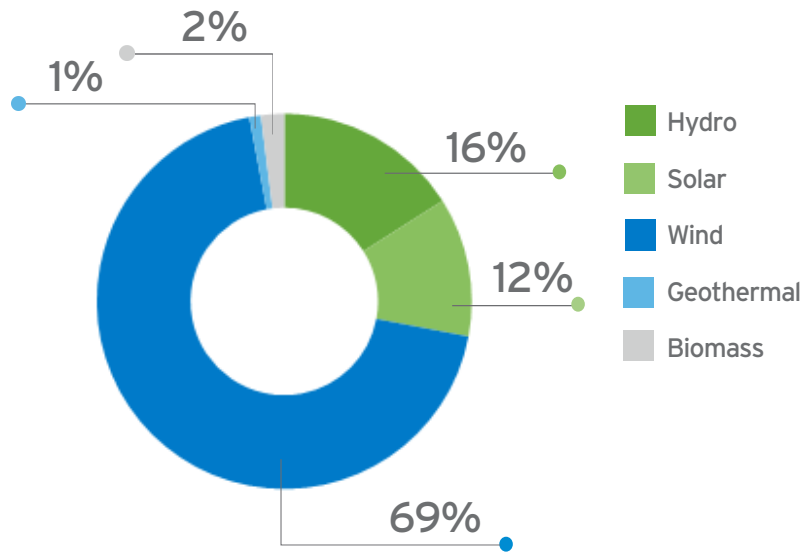
	SUM OF TOTAL ELECTRICITY THAT IS RENEWABLE (MWh)	SUM OF TOTAL ELECTRICITY THAT IS NON-RENEWABLE (MWh)
United States	24,817	209,781

## Electricity Use by Region – 2017



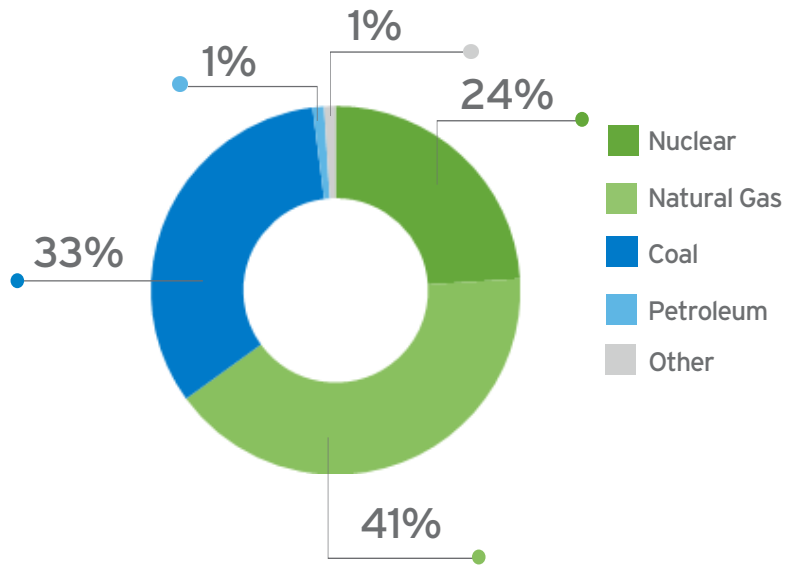
Scope: All Owned or Operationally Controlled U.S. Facilities

## Renewable Electricity Used by Source – 2017



Scope: All Owned or Operationally Controlled  
U.S. Facilities

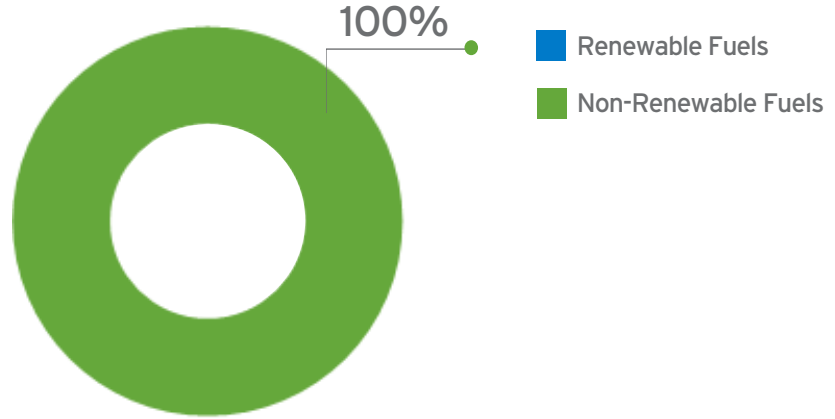
## Non-Renewable Electricity by Source – 2017



Scope: 20% of the Owned or Operationally Controlled U.S. Sites That Make Up 80% of the Electricity Usage

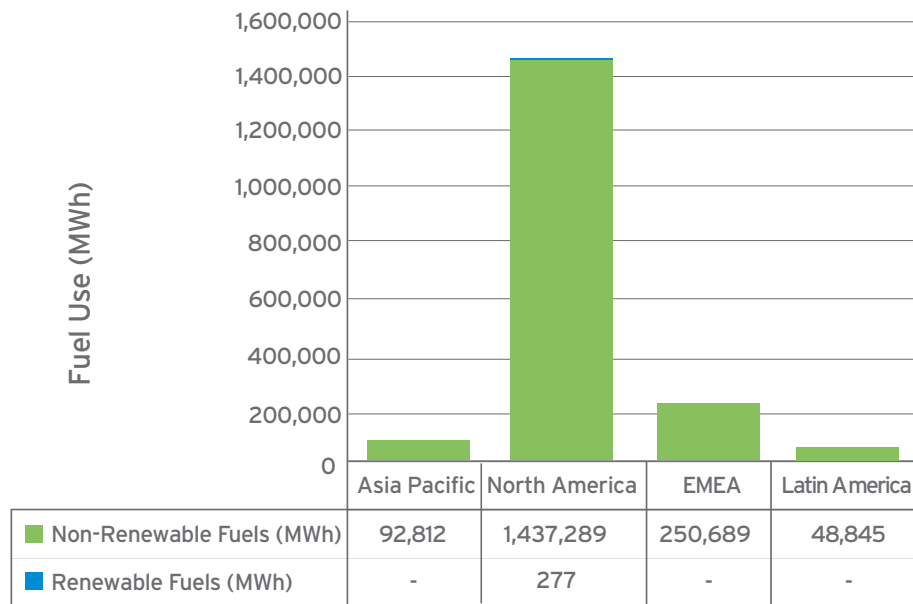


## Percentage of Total Fuel Use Derived from Renewable Sources - 2017



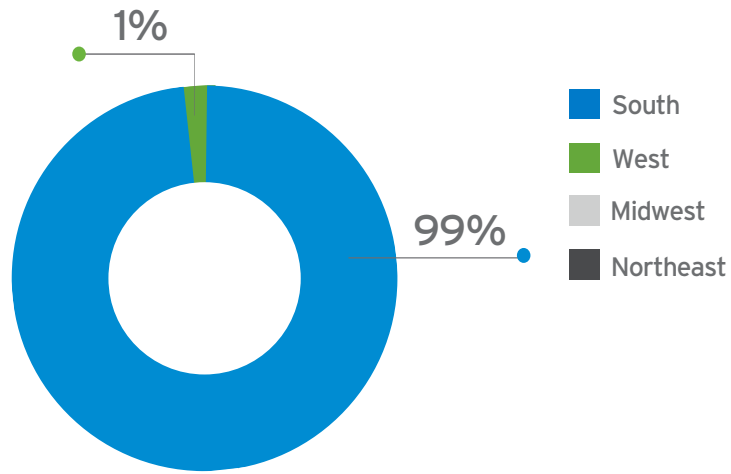
	RENEWABLE FUELS (MWh)	NON-RENEWABLE FUELS (MWh)
Global	277	1,814,472

## Fuel Use by Region – 2017



Scope: All Owned or Operationally Controlled Global Facilities, All Owned and Leased Global Fleet

## TRI Emissions (On and Off-Site) by Geographic Region in the United States (lb) – 2017



### SUM OF AIR EMISSIONS (LB) - 2017

South	1,908,267
West	21,235
Northeast	3,230
Midwest	1,857
<b>United States</b>	<b>1,934,589</b>

<b>Ratio Denominator – Global Sales (\$M, adjusted)</b>	\$13,690
<b>Normalized TRI Emissions (lb/\$M)</b>	141.31

For detailed emissions data, please go to [http://iaspub.epa.gov/tri\\_explorer/tri\\_release.chemical](http://iaspub.epa.gov/tri_explorer/tri_release.chemical)

## Primary Type of Hazardous Waste

The primary type of hazardous waste that leaves Ecolab manufacturing facilities is process waste from vessel rinse outs, equipment cleaning, etc. Generally, this waste is corrosive or flammable, which is why it is deemed hazardous.

## Business Waste Programs

Ecolab aims to reduce waste in its operations and in its office buildings. Each of our major campuses has a rigorous office and e-waste recycling program that aims to divert as much waste as possible from going to landfill. At our production sites, all cardboard is recycled, and other packaging is recycled when possible.

## ISO 14001 Certified Production Facilities by Region – 2017

	NUMBER OF PLANTS ISO 14001 CERTIFIED	PERCENT OF FACILITIES ISO 14001 CERTIFIED BY BUILDING AREA
Asia Pacific	16	40%
EMEA	17	55%
Latin America	6	43%
North America	15	43%
<b>Global</b>	<b>54</b>	<b>45%</b>

Scope: All Owned or Operationally  
Controlled Global Manufacturing Sites