



# Environmental Performance Data 2018

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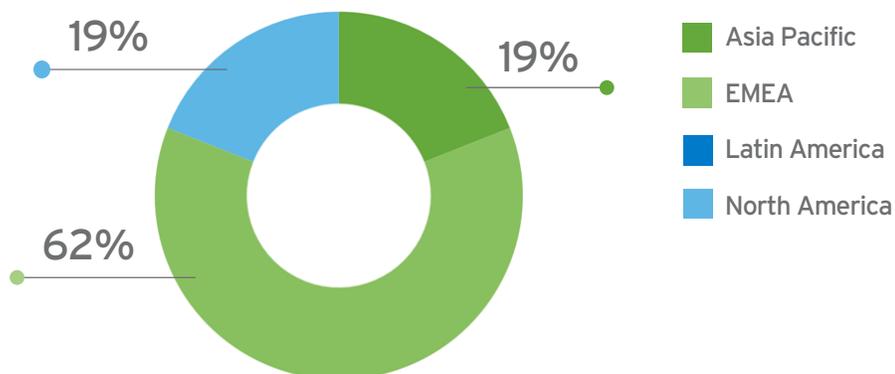
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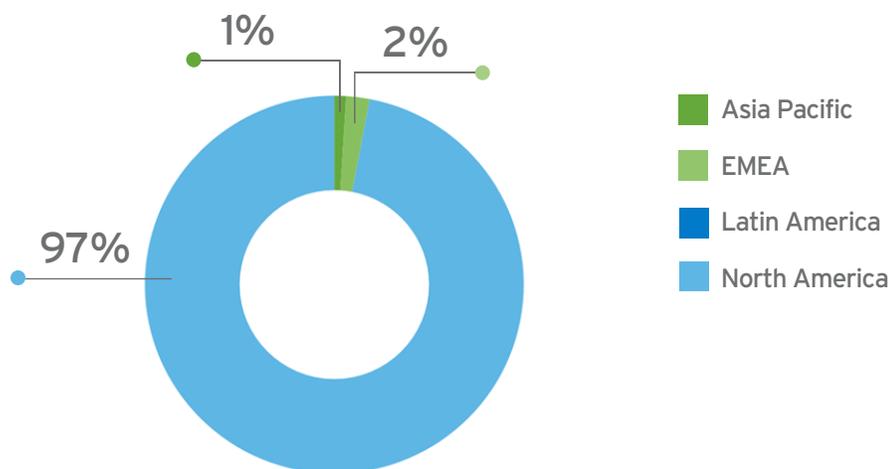
Additional information about Ecolab's environmental performance is available in the 2018 Sustainability Report and GRI Index available at [www.ecolab.com/sustainability](http://www.ecolab.com/sustainability).

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## Energy Conserved Through Energy Conservation Projects by Region – 2018



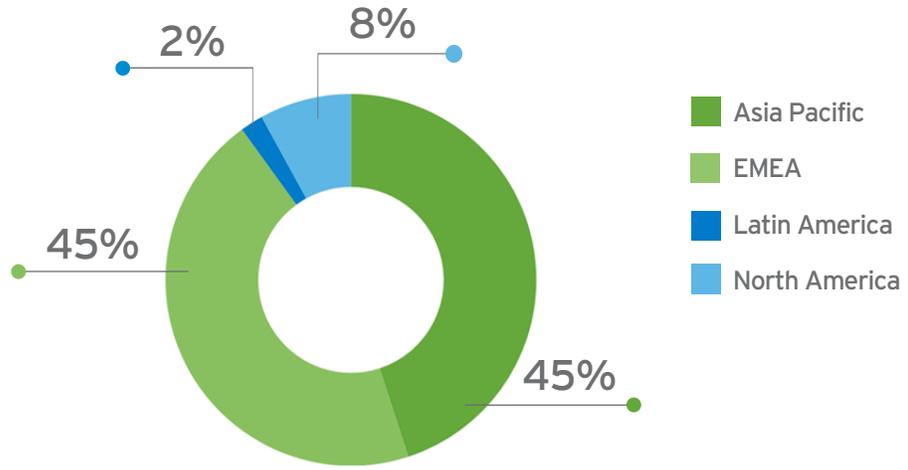
## Water Conserved Through Water Conservation Projects by Region – 2018



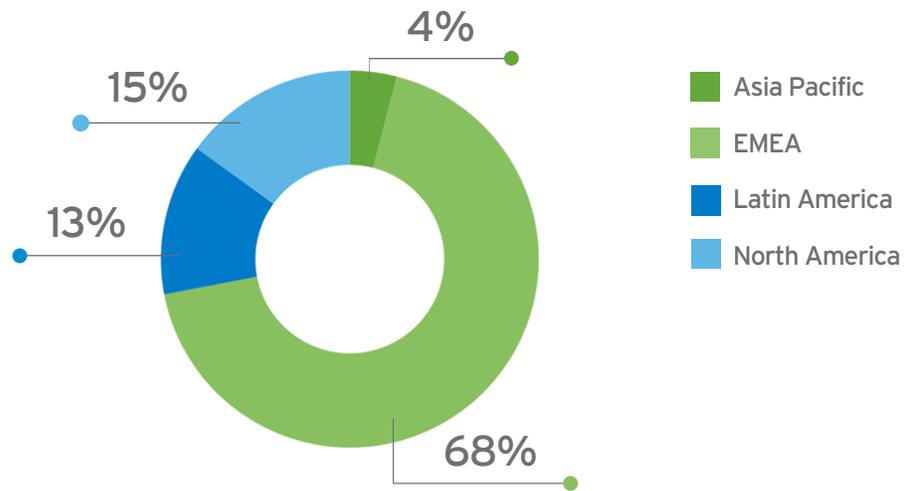
	CONSERVED IN PROJECTS	COST SAVINGS AS A RESULT OF 2018 PROJECTS (USD)	COST OF PROJECTS (USD)
<b>Water</b>	651,000 cubic m	\$943,200	\$29,235,200
<b>Energy</b>	3,600 MWh	\$622,400	\$1,543,900

Scope: All Owned or Operationally Controlled Global Facilities

### Cost Savings Resulting from Energy Conservation Projects by Region – 2018

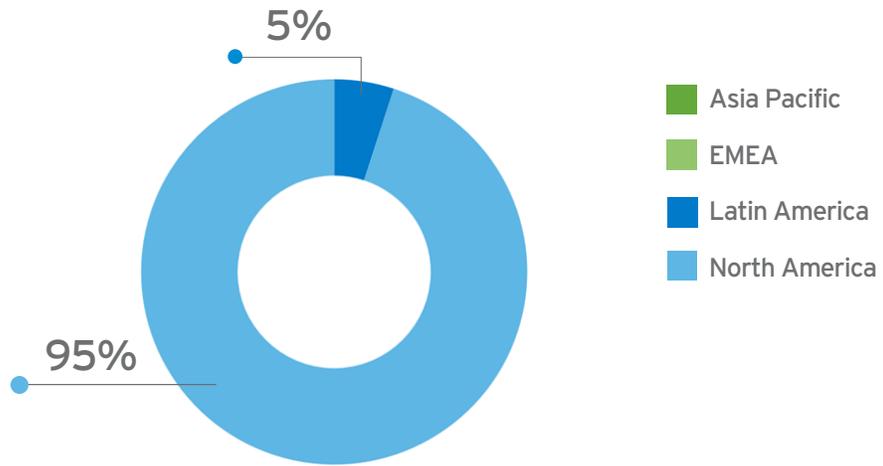


### Investment in Energy Conservation Projects by Region – 2018

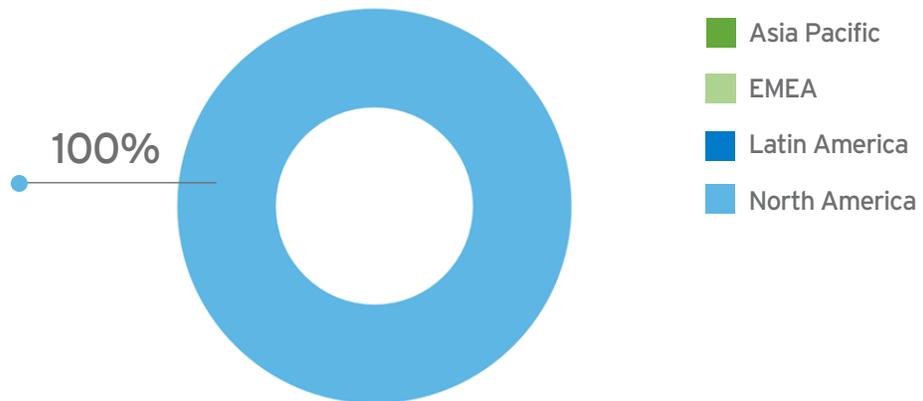


Scope: All Owned or Operationally Controlled Global Facilities

## Cost Savings Resulting from Water Conservation Projects by Region – 2018



## Investment in Water Conservation Projects by Region – 2018



Scope: All Owned or Operationally Controlled Global Facilities

## Total Investment and Savings Achieved as a Result of Energy and Water Conservation Projects by Region – 2018

	SUM OF ESTIMATED SAVINGS (USD)	SUM OF COST OF PROJECT (USD)
<b>Energy</b>	<b>\$622,400</b>	<b>\$1,543,900</b>
Asia Pacific	\$279,400	\$63,700
EMEA	\$278,600	\$1,049,000
Latin America	\$15,000	\$200,000
North America	\$49,400	\$231,200
<b>Water</b>	<b>\$943,200</b>	<b>\$29,235,200</b>
Asia Pacific	\$' 800	\$&\$ 800
EMEA	\$!	\$, \$800
Latin America	\$ ( 8,900	\$26,000
North America	\$897,100	\$29,108,800
<b>Global</b>	<b>\$1,565,600</b>	<b>\$30,779,100</b>

*Note:*

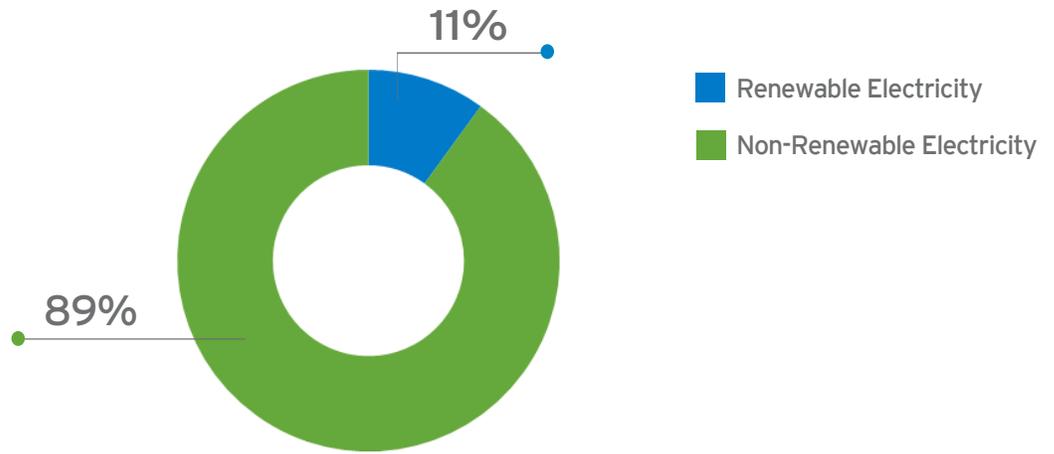
*Investment data is available for projects that saved 100% of the overall energy saved in 2018.*

*Investment data is available for projects that saved 99% of the overall water saved in 2018.*

*Cost savings data is available for projects that saved 100% of the overall energy saved in 2018.*

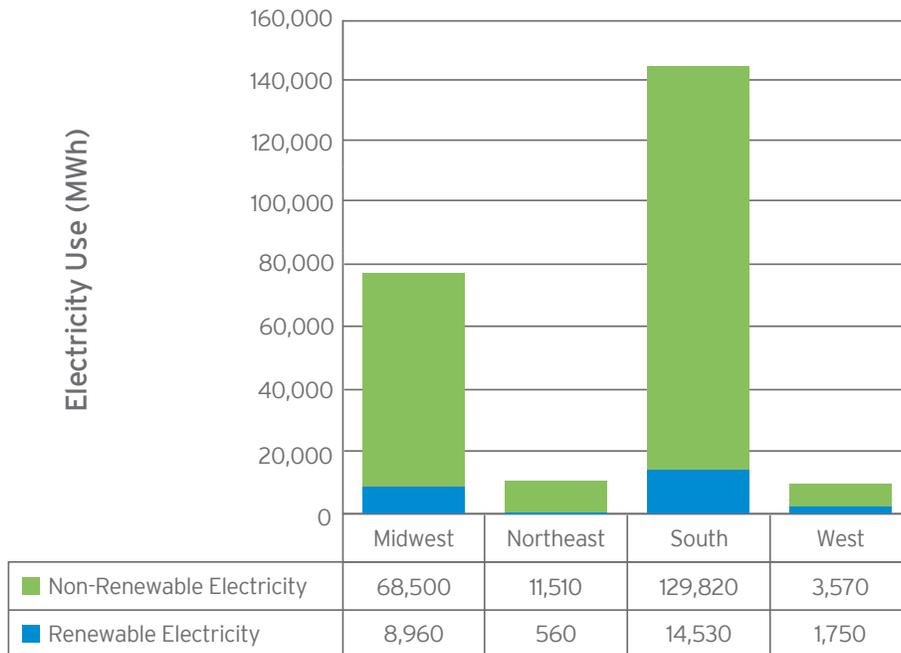
*Cost savings data is available for projects that saved 99% of the overall water saved in 2018.*

## Percentage of Electricity that is Renewable – 2018



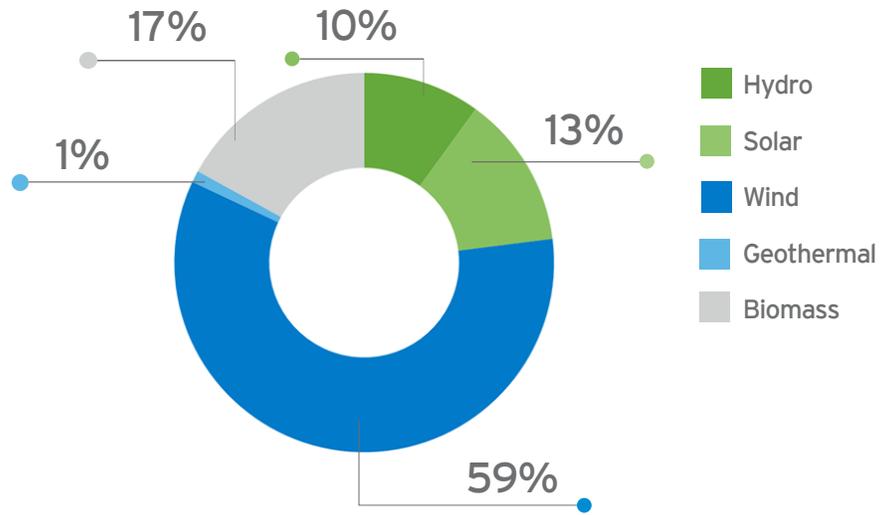
	SUM OF TOTAL ELECTRICITY THAT IS RENEWABLE (MWh)	SUM OF TOTAL ELECTRICITY THAT IS NON-RENEWABLE (MWh)
<b>United States</b>	25,800	213,400

## Electricity Use by Region – 2018



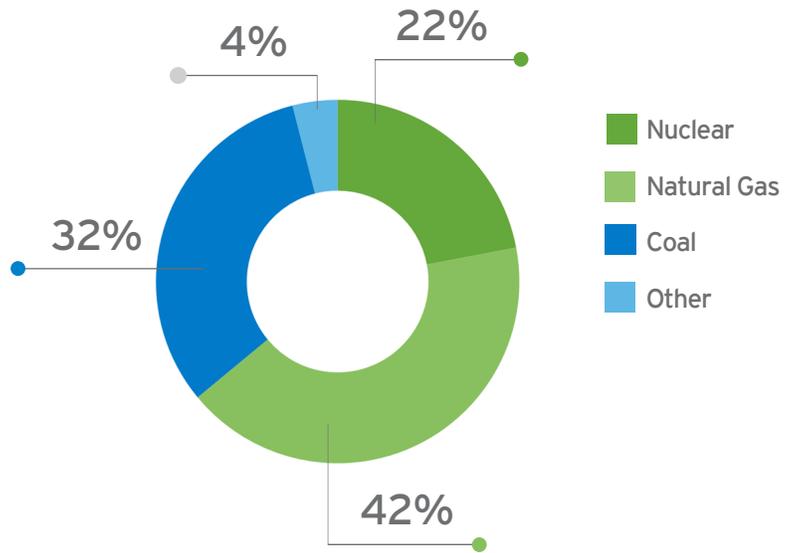
Scope: All Owned or Operationally Controlled U.S. Facilities

## Renewable Electricity Used by Source – 2018



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

## Non-Renewable Electricity by Source – 2018

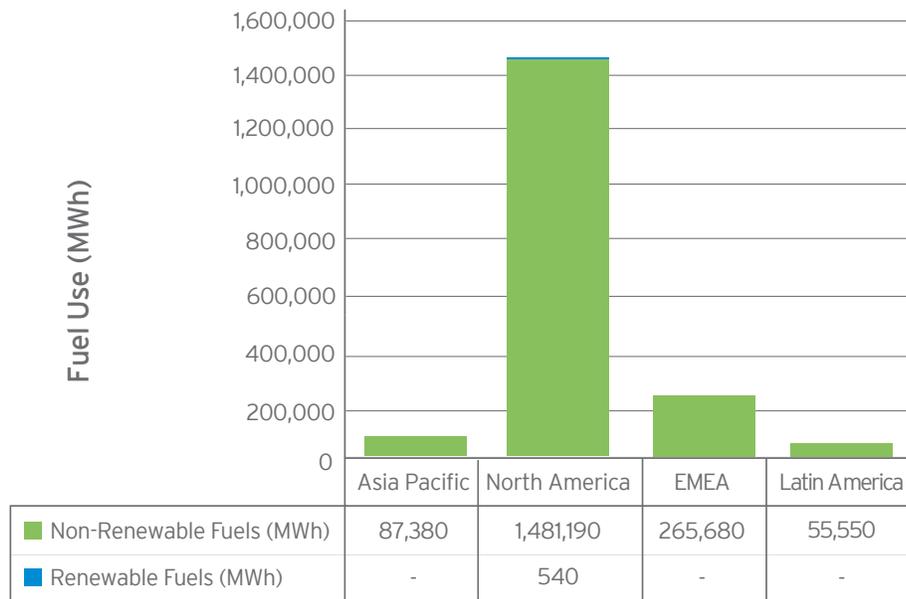


Scope: 20% of the Owned or Operationally Controlled U.S. Sites That Make Up 80% of the Electricity Usage

## Percentage of Total Fuel Use Derived from Renewable Sources - 2018

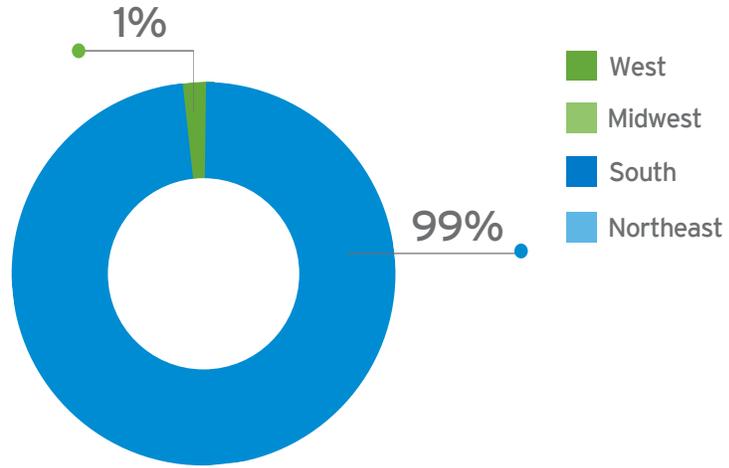
	RENEWABLE FUELS (MWh)	NON-RENEWABLE FUELS (MWh)
<b>Global</b>	540	1,889,800

## Fuel Use by Region – 2018



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) – 2018



SUM OF AIR EMISSIONS (LB) - 2018

South	1,709,214
West	18,380
Midwest	5,205
Northeast	393
<b>United States</b>	<b>1,773,192</b>
Ratio Denominator – Global Sales (\$M, adjusted)	\$14,335
Normalized TRI Emissions (lb/\$M)	120.9

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 – 2018

	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