



# DUPAGECOUNTRY

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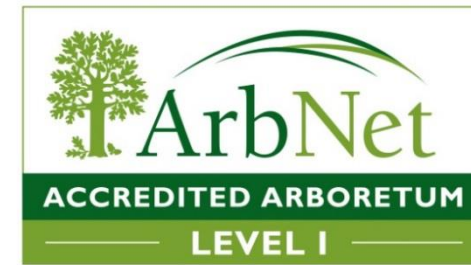
Environmental Division

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# Campus Sustainability

- 1<sup>st</sup> Illinois County to receive Governor's Sustainability Award 2011  
2018 Illinois Sustainability Award; Honorable Mention Award 2014
- Division of Transportation Low Salt Award -The Conservation Foundation
- Illinois EPA Green Fleet Designation
- U.S. Green Building Council LEED Certified Buildings
- Level I Arboretum Designation
- SolSmart Bronze Level







# Campus Sustainability

**EV CHARGING STATION**



**NATIVE PLANTINGS**



**COMPRESSED NATURAL GAS STATION & FLEET**



**SOLAR ROOF**



**VEGETATED ROOF**

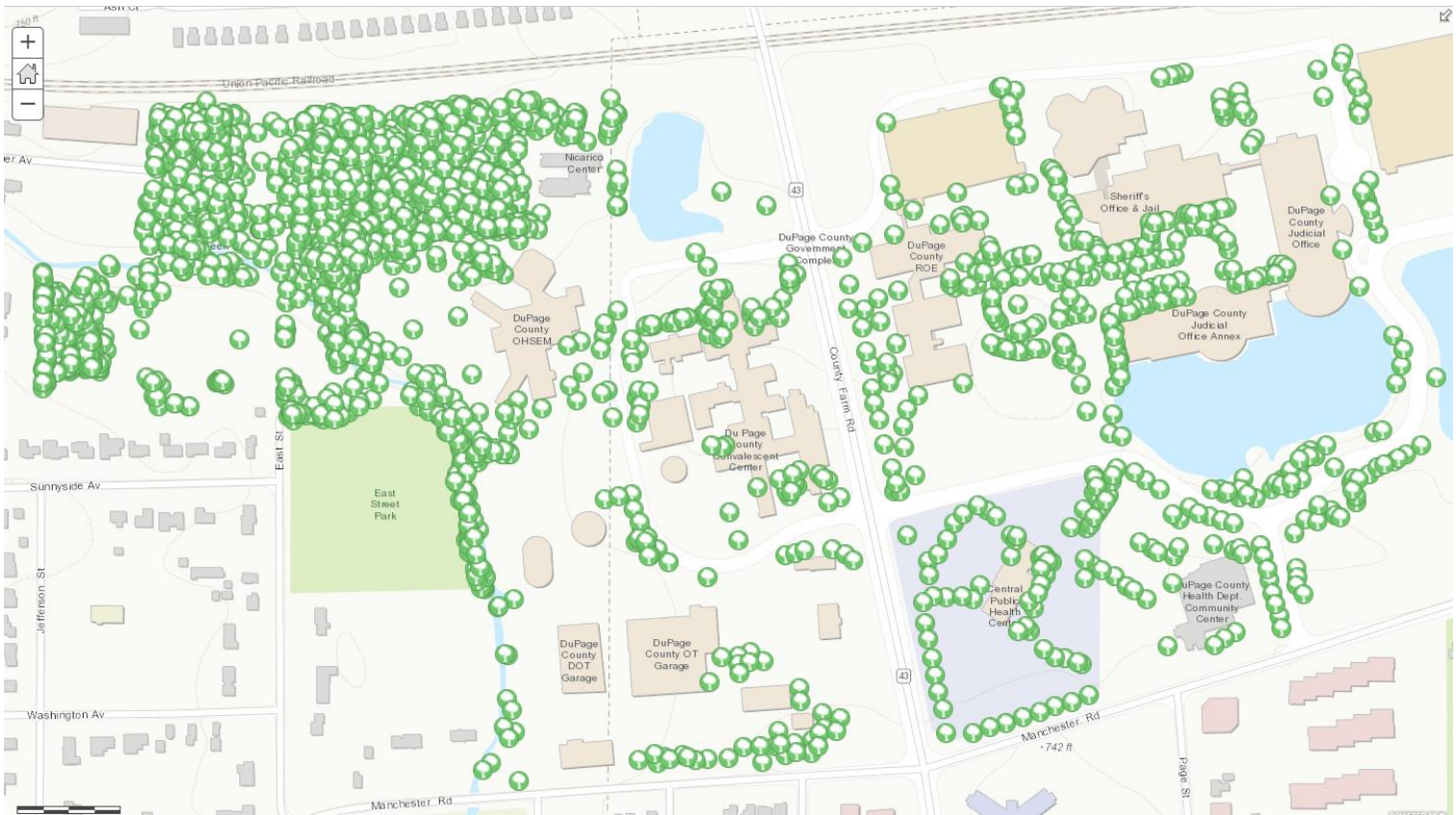




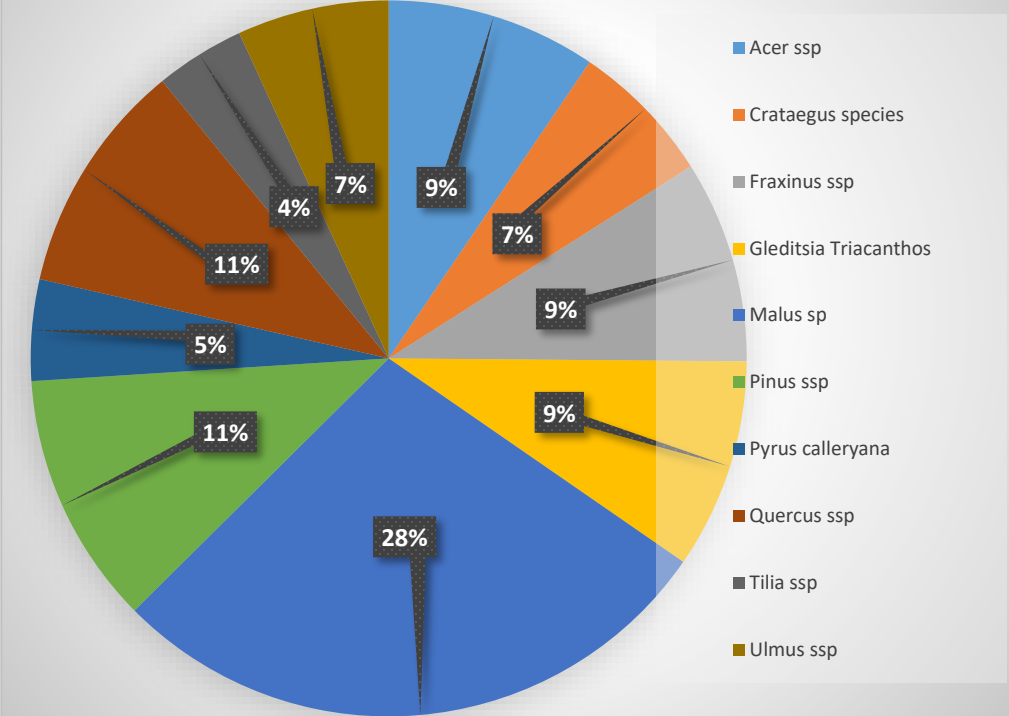
# Campus Tree Inventory



2,505 Trees



Trees by Genus



# Campus Tree Inventory



## Carbon Storage

Urban area: 160.78 tons = \$20,857

Forested area: 587.9 tons = \$75,101



739.6 tons = \$95,958

580 passenger  
vehicles off the  
road for an  
entire year



## Avoided Runoff/ Year

Urban area: 87,424 gallons = \$781 (827 gallons/acre)

Forested area: 368,819 gallons = \$3,295 (11,009 gallons/acre)



456,251 gallons =  
\$4,077

**Total Structural Value**  
**\$2,507,058**



# Waste & Recycling Data



## DUPAGE COUNTY WASTE AND RECYCLING REPORT 2018



DuPage County has again exceeded the State's mandate of recycling 25% of waste generated. With the addition of the special collections in the report this year, the overall recycling rate reached 34%.

Refuse (tons)	Curbside Recycling (tons)	Curbside Landscape Waste (tons)	Special Collections (tons)	DuPage County Electronics Recycling (tons)	Latex Paint (tons)
262,439	102,024	35,309	28.46	788	18.3

Table 2: Tonnage of all recycled goods accounted for by survey responses

Since 1991, all counties of the State of Illinois are mandated to collect and report waste and recycling information to the Illinois Environmental Protection Agency under the Solid Waste Planning and Recycling Act (SWPRA). The Act empowered counties and the City of Chicago with solid waste planning and set recycling goals. This Report provides data collected from DuPage municipalities and townships. This report attempts to more thoroughly measure recycling within the County by incorporating special event collections into the overall recycling rate.

# Renewable Energy



2019 Partnered with Citizens Utility Board and Midwest Renewable Energy Association to bring this solar program to DuPage residents.

Installed nearly 1,000 kilowatts of solar on 135 properties in Chicago-region  
**44 installations in DuPage!!**

Huge thanks to the DuPage Clean Energy Coalition for hosting, coordinating and all around hard work!

**LOOK FOR OPPORTUNITIES COMING LATER THIS YEAR!**



# Cool DuPage



10% greenhouse gas reduction by 2020 and 20% by 2030 based on kWh, therms and vehicle miles traveled from 2007 levels or XXXX CO2e. 2018 savings approx. 8%.



One Village  
One Future



Forest Preserve District  
of DuPage County



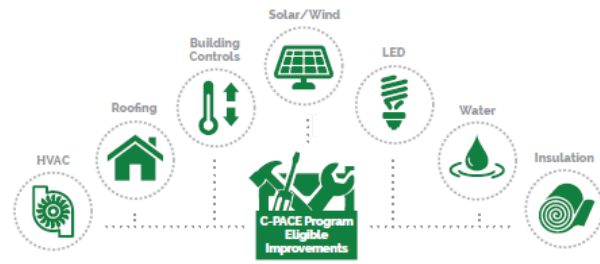


# C-PACE

**NEW!**



## HOW C-PACE CAN MAKE COMMERCIAL PROPERTY MORE ENERGY EFFICIENT



### EXAMPLE PROPERTY TYPES:



## THE C-PACE PROCESS



C-PACE (Commercial Property Assessed Clean Energy) – potential 100% private equity financing of energy efficiency projects repaid through the property tax bill at fixed interest rates.



VISIT [iecaPACE.org](http://iecaPACE.org) FOR MORE INFORMATION

## CASE STUDY

### FIRST C-PACE FINANCING IN ILLINOIS CLOSED ON AUGUST 30, 2019 IN DUPAGE COUNTY

#### Industrial Flex Space

Roof Replacement and Solar PV System  
 Approx. 23,800 Square Feet  
 Financing – \$318,000 Approved C-Pace  
 Term – 25 Years  
 Capital Provider – Inland Green Capital LLC  
 Vendor – Bright Life Renewable Energy LLC  
 Anticipated annual utility savings, aside from grants, incentives and rebates: \$10,075.00, conserving 26,785 KWh, saving 71.5 metric tons of Co2e from the environment.



#### Opportunity:

Industrial facility and owner-operated business, Noland Sales Industries, Inc., recognized a need to implement cost-saving, energy efficient upgrades. The DuPage Solar Forum announced in the Fall of 2018 DuPage County's adoption of C-PACE which led Noland Sales' contractor, Bright Life, to reach out to Inland Green Capital LLC for financing information.



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## CASE STUDY

### OFFICE BUILDING IN ELMHURST, IL BUILT IN 1972

#### Office Building

Retrofit window replacements & upgrades  
 Approx. 14,000-square-foot building on over a half acre on one of the busiest main streets  
 Owner – Lawton Realty Group Inc.  
 Financing – \$94,019  
 Term – 25 years  
 Capital Provider – Inland Green Capital LLC  
 Contractor – Riggsby Companies, LLC  
 Anticipated annual utility savings aside from other grants, incentives and rebates: \$5,900, conserving 2,700 therms/yr, and 38,500 KWh, saving 36 metric tons of CO2e from the environment (1,900 lbs of CH4, and 500 lbs of NO2) from the environment.



#### Opportunity:

The owner of an aging office property recognized a need for a more weather-tight building and sought the implementation of cost-saving, energy efficient upgrades. A prime retrofit project, the owner's contractor, Riggsby Companies, called upon long-standing industry relationships to bring all parties together, including Inland Green Capital for financing, to execute the vision for the property.



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# DUPAGE COUNTY



## ENVIRONMENTAL DIVISION

# Renewable Energy



# THANK YOU!!

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**DUPAGE**COUNTY



ENVIRONMENTAL DIVISION