

Mission Statement: Our team is committed to raising awareness and educating the residents of Oak Park about energy usage while providing guidance for reducing their carbon footprint.

PROBLEMS AND OBJECTIVES

The Problem

The Village of Oak Park desires an energy efficient community while retaining the historic integrity of the buildings. Unfortunately, the residents are not yet aware of long-term benefits and savings from retro-fitting their homes and businesses.

The Objectives

In order to educate Oak Park on energy efficiency and awareness, our team assessed the Village's current energy use, distributed surveys and gathered information through case studies. We now offer a comprehensive sustainability plan that will reduce the carbon footprint of Oak Park.



Oak Park Village is a historic community with a great variety in homes and businesses. We hope to help educate residents of Oak Park on energy use!

TEAM BREAKDOWN

Deliverables Team

In charge of creating deliverables for IPRO and Oak Park Village, our sub-team kept the whole team on track and assisted in research and analysis.

Sustainability Research Team

In charge of researching the different options in passive, active, and community-wide retrofit options, this team studied the possible short term and long term gains from improvements and their possible impact on homes and businesses.

GIS Analysis Team

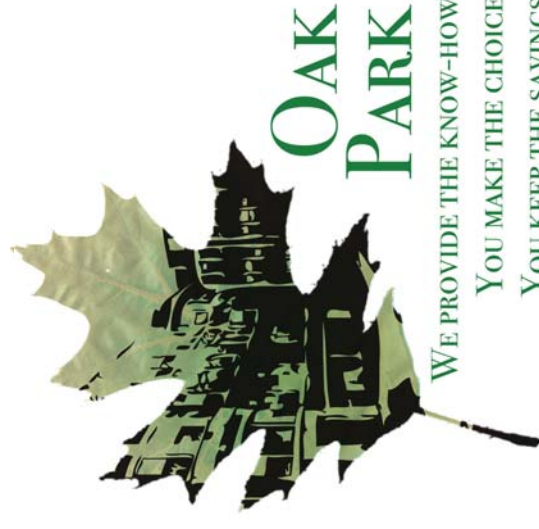
In charge of taking data about Oak Park using the Geographic Information System, this sub-team created maps conveying the square footage of the roofs of homes and commercial buildings to ascertain the benefits of installing green roofs and rain barrels.

CHALLENGES

Several challenges were identified as our team began to study Oak Park, its homes, and its inhabitants. We needed to effectively and efficiently gather information on Oak Park given the short amount of time we had. After gathering the information, we needed to build sensible graphs from the analysis done.

CONCLUSION

Oak Park Village is a community entirely capable of becoming more sustainable! As residents become more aware of energy-saving options and the benefits, our team hopes to see progress in the future.



TEAM ROSTER

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