

DYNAMIC.RE DATABASE



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Compiled **10** sustainable real estate resources and rebates per United States municipality and added these to the Dynamic.RE website.

CREATED BY GREENLIGHT SOLUTIONS:

STUDENT CHAPTER: MANASA SREERAM | NATALEE
WARD | RYAN LAMKIN | MUNEEZA AHMAD | BARIRA
RASHID | HARSHIT TYAGI
PROJECT PARTNER: DYNAMIC.RE | MASRUR HUQ

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Our project partner sought to bridge the gap between real estate and sustainability. The challenge was that Dynamic.RE lacked relevant data on real estate across the nation detailing the opportunities for sustainability. The previous volunteer cohort worked on directly tackling this issue by establishing guidelines for a database that compiled all relevant sustainability resources into one coherent format and accessible location. We expanded upon this project by adding **190** data points to this document and by formulating ties with an Indian GIS mapping organization (<http://samaajdata.org/>) that will, in the upcoming project term, aid us in expanding the scope and accessibility of Dynamic.RE's data set. Thus, not only did this challenge present us with the opportunity to communicate with municipalities across the country, but it also allowed us to form global relationships in order to aid our project partner.

Our team expanded Dynamic.RE's sustainability database to include a broader range of eco-friendly resources, including programs, tools, incentives, and companies.

We aimed to compile information from **5** primary (interviews with utility companies) and **5** secondary (broad online searches) sources on sustainability resources and rebates. We met these goals and even documented **10** sustainable resources per city, surpassing our goal.

Going forward, we suggest that our Project Partner work toward constructing a visual representation of their current database, particularly through the employment of GIS mapping in order to better enable people to easily interact with the data.

BENEFITS TO PROJECT PARTNER

We were able to expand their newly established sustainability database, contributing greater swaths of data that spanned a more diversified array of municipalities to it. We also formulated a plan of action to better market this data via GIS mapping.

BENEFITS TO SOLUTIONEERS

We were able to learn how to effectively collaborate in a team setting and conduct research on sustainable resources and their presence in real estate. The data collected has the potential to afford us vast monetary savings when looking for housing during our journey toward independence as well.

BENEFITS TO THE COMMUNITY

If the data we are providing is utilized by homeowners, or any individual in real estate for that matter, they can save money while preserving the Earth's scarce resources, ensuring a clean, safe environment for years to come. Furthermore, if these individuals strive to become more civically engaged, they can utilize this data to take informed stances on environmental policy—decisions which impact their quality of life.