

# ENHANCING SUSTAINABLE CITIES



Since its inception in 2005, BioStar's commitment to sustainability has been ingrained in both its culture and daily work. This commitment continues to evolve and deepen with time as new projects launch. A particularly exciting partnership with the City of Temecula highlights BioStar's focus on sustainability via its solar and waste-to-energy platforms. The City notes a noticeable trend of people relocating to areas of the country that offer a higher quality of life, which includes the integration and use of renewable energy. Temecula (population 115,000) is a shining star in this regard in its commitment to govern based on a 10-year sustainability plan — one that encourages and functions as a result of layperson involvement. With this prioritization, BioStar has quickly been able to make a big impact on both Temecula and the region as a whole.

To put into context, Temecula is situated in the heart of the wine country that, last year, boasted \$1.1 billion in regional tourism. Amidst many other goals, the City knows it must maintain a clean watershed, low levels of air pollution and a good transportation infrastructure to continue to thrive. City Council Member, Dr. Matt Rahn, is making sure these goals and more are met by working with organizations like BioStar to expedite this process.

The City of Temecula originally embarked upon a research project with San Diego University and the Santa Margarita Eco Reserve to identify opportunities to use solar for habitat restoration and enhancement. BioStar's David Smart reflects, "Cities are brands too. They need to look at how they balance improving the planet, reducing costs, keeping an attractive lifestyle and healthy growth. And while BioStar is certainly helping Temecula reduce costs, we find it equally important that we assist in creating the most sustainable city possible in the process."

This initial project resulted in BioStar's 2017 development of Temecula's solar power generating facility which has benefitted the city through an initial 10% reduced cost of electricity, not to mention an increased savings over time as traditional electricity rates continue to rise. BioStar's David Smart reflects, "Creating intelligent and feasible solutions such as integrating solar with the City of Temecula has helped the city to roll energy credits off to municipal partners thereby saving money and creating a cleaner place to live. We are incredibly proud to have spearheaded this project and to see the positive effect it has on the city of Temecula."



**DAVID SMART**  
Senior V.P. Sales



*"Converting organics to energy is increasingly becoming a must for municipalities. We look forward to replicating our model throughout the region and beyond to have a lasting impact."*

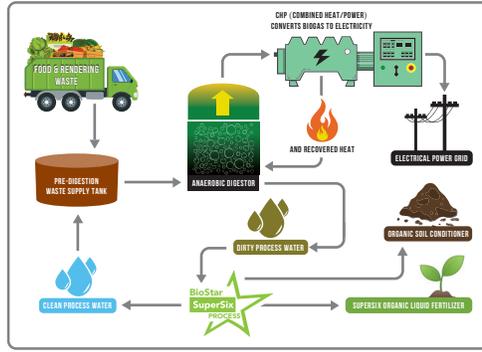


**DR. MATT RAHN**  
City Council Member  
City of Temecula



*"As California law is changing...anything that can be done to address the organic waste is a massive step forward."*

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And in 2019, Biostar tapped into its vast expertise in renewable energy, financing the San Bernardino Waste-to-Energy (WTE) project, which converts food waste to renewable energy. This WTE project diverts 93,850 tons of organic food waste annually from landfills and helps meet California’s stringent legal requirements on the disposal of organics. BioStar manages and facilitates every aspect of the process from collection and pre-processing to digestion and energy generation. To learn more about the San Bernardino project, scan the QR Code or visit <https://biostarrenewables.com/san-bernardino-waste-to-energy/>



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Smart states, “Converting organics to energy is becoming a must for municipalities and is something in which we excel. We are thrilled by the success of this project and look forward to replicating our model throughout the region and beyond to have a lasting impact on a wider geographic region.”

Rahn echoes Smart’s sentiments and adds, “As California law is changing and we not only have to increase our diversion ratios, the organics are becoming a huge issue. Anything that can be done to address the organic waste is a massive step forward.”

BioStar’s commitment to helping its clients, such as the City of Temecula, navigate a cleaner carbon footprint and achieve targeted ESG goals through cost effective renewables is at the core of who BioStar is and what BioStar does. A commitment to creating strategic collaborative partnerships has proven successful time and time again, and as an energy services leader, it’s BioStar’s duty to develop projects that not only achieve a desired ROI, but achieve that ROI while creating a more sustainable earth.

To access the City of Temecula’s Quality of Life Master Plan, scan the QR Code or visit: <https://temeculaca.gov/689/Temecula-2030>



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