

## ***Energy, It's What Trees Need***

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### ABSTRACT

This primer will describe what is necessary to bring small, newly-planted trees to their full potential. It's much more than just planting and standing back as they leap to mature, full-canopied contributors to the quality of urban life. Everything in a tree's life is driven by energy and the ability of those trees to capture, channel and efficiently release that energy.

From plant selection and site preparation to establishment and maintenance of mature trees, the goal of an urban forest manager should be to understand how a tree's energy system is impacted and how it can be improved. By minimizing stressful situations that decline energy systems and improving growing conditions that accelerate energy production and consumption, the road to a healthier urban forest is much clearer.