



Louisville Metro Government Office of Sustainability

Maria Koetter, Director of Sustainability
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OFFICE OF
SUSTAINABILITY
A DIVISION OF DEVELOP LOUISVILLE



Office of Sustainability

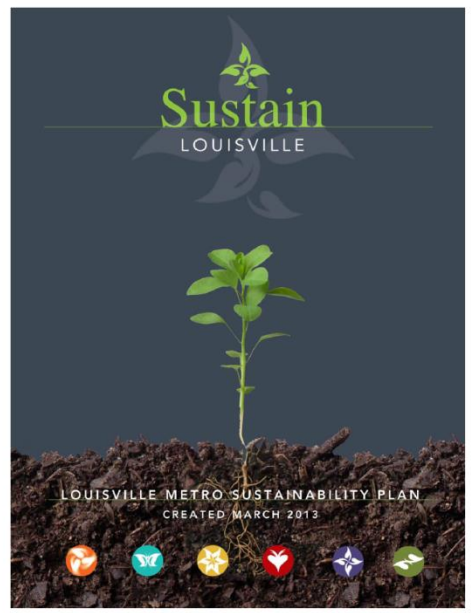
Sustain Louisville 2013

Three Overarching Objectives

Six Focus Areas

- Energy
- Environment
- Transportation
- Economy
- Community
- Engagement

17 Goals and 74 initiatives





Energy

Programs and Projects Overview

- Energy Star Challenge
 - EPA Top 25 City List
- Energy Star Certification Program
 - Louisville Energy Alliance
- Johnson Controls ESPC
 - Energy Work Group





Energy Savings Performance Contract

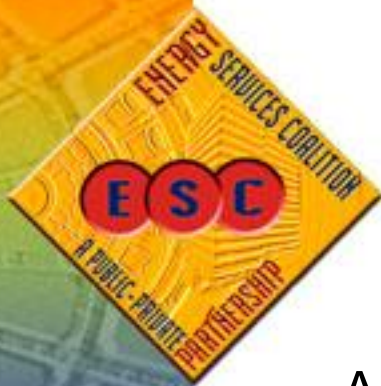
- 2010 – 24 buildings and \$9.3 million
- 2014 – 120 buildings and \$26.2 million
 - Corrections – HVAC, lighting
 - PARC – lighting converted to LED
 - Libraries – lighting, noise reduction, HVAC
 - Fire Stations – Occupancy/CO2 sensors, HVAC, lighting, gas infrared in bays



Energy Savings Performance Contract

- 2014 Project, Continued
 - LMPD and Zoo – HVAC, lighting, controls
 - Parks – solar heating at Meagher pool
 - Water Efficiency
 - 57 million gallons
 - Sewer reductions





Energy Savings Performance Contract

Annual Environmental Impact

- 19,900 metric tons of CO2 reduced
- Equivalent to planting
1 million trees
- Equivalent to removing
4,100 vehicles
- 46,300 barrels of oil
not burned





Energy Savings Performance Contract

- Financing – no added debt
- Employee comfort challenges
- Building planning and improvements
 - Costly renovations
- Green showcase kiosk
- Energy Star baselines
- Project completed on time

Thank you!

Louisville Metro Office of Sustainability

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