

SMART GREEN CORRIDOR

PEOPLE • PLANET • PROFIT

Innovative and efficient technologies come together in a smart, green corridor to drive job creation, improve water and soil resources, and enhance community and economic value. These complimentary technologies amplify social and environmental benefits while lowering overall costs.



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Wildlife Corridor

Wildlife corridors facilitate wildlife movement by connecting fragmented habitat, which supports stable populations and enhances biodiversity.

Source Water Protection

Protecting drinking water from contamination, with forest cover for example, reduces treatment costs and public health risks.

Drinking Water Treatment

Innovative drinking water utilities are using the latest technology to protect source water, reduce water losses, and save energy.

Green Space

Green space provides recreation opportunities and enhances the beauty and environmental quality of neighborhoods.

Wetland Restoration

Removing sediments contaminated with legacy pollutants and restoring wetlands can dramatically improve water quality.

Wastewater Treatment

Innovative wastewater utilities are recovering nutrients and energy while producing reclaimed water.

Manure-to-Energy

Manure from farms can be used to produce energy while reducing waste to be managed.

Biochar

Used in ponds, biochar can adsorb pollutants, including pesticides and fertilizers.

Precision Agriculture

Information technology is enabling more controlled farming practices.

GI – Bioretention and Green Streets

Green infrastructure reduces and treats stormwater at its source while providing community benefits. High-flow filter media and biochar-enhanced applications in transportation right-of-ways increase infiltration and pollutant removal.

Smart Stormwater Ponds

Smart ponds are weather-responsive, have increased storage capacity, and better protect water quality. Iron filings and biochar are innovative pond treatments that address excess bacteria and nutrient loadings.

