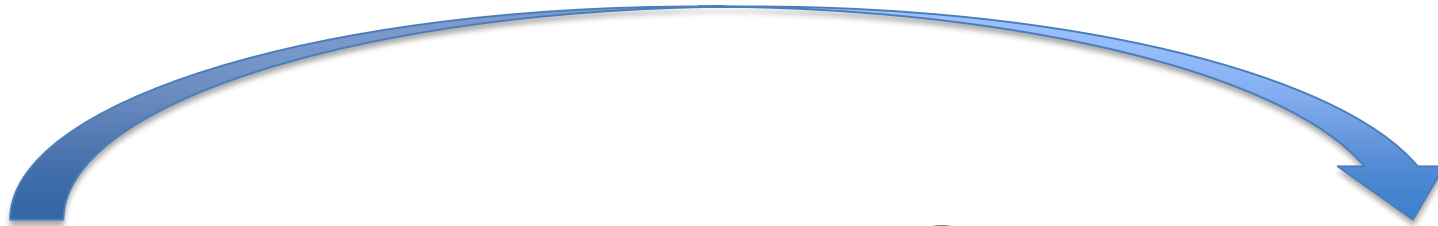


Solar on Brownfields



Brown to Green





Paul Raducha, senior Developer for Kearsarge Energy that develops, finances, owns, and operates renewable energy projects in several states. A former CPA with KPMG Peat Marwick, Mr. Raducha specializes in nurturing solar projects from very first concept to commissioning. During the course of his career Mr. Raducha has managed or development of over 100MW of installed renewable energy projects, including landfills, brownfields, Landfill gas-to-energy and landfill gas-to-vehicle fuel.

As a recognized expert in solar development, Mr. Raducha is also actively involved in the drafting and support of renewable energy legislation in New England and across the US. Locally, Mr. Raducha is a sought-after speaker and participant on local boards, commissions and events focused on renewable energy. Graduated from Clarion University of Pennsylvania with honors and began a career as a Certified Public Accountant (CPA) at the international accounting firm of KPMG Peat Marwick.

Paul Raducha, Senior Developer

Kearsarge Energy, LP

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Brownfield - Contaminated Sites Defined

Brownfield Site - With certain legal exclusions and additions, is defined as real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off green spaces and working lands.

The definition is found in Public Law 107-118 (H.R. 2869), the "Small Business Liability Relief and Brownfields Revitalization Act", signed into law January 11, 2012. View the text of the law

<https://www.congress.gov/107/plaws/publ118/PLAW-107publ118.pdf>

Contaminated - Site - shall mean any Source Area or series of Source Areas that have not reached final resolution under the Remediation Regulations. A Contaminated-Site may include unimpacted land between multiple Source Areas in close proximity to one another. A Contaminated-Site shall be considered to be independent of property lines.

Brownfield to Greenfield Process

Site Identification

**Site Assessment - Ordinances / Zoning
Active / Inactive / Monitoring**

Impact of Site and Solar on Site / Area

Community Support

Site Investigation - RIDEM / EPA

Brownfield to Greenfield Process

Remediation

Site Preparation for Solar

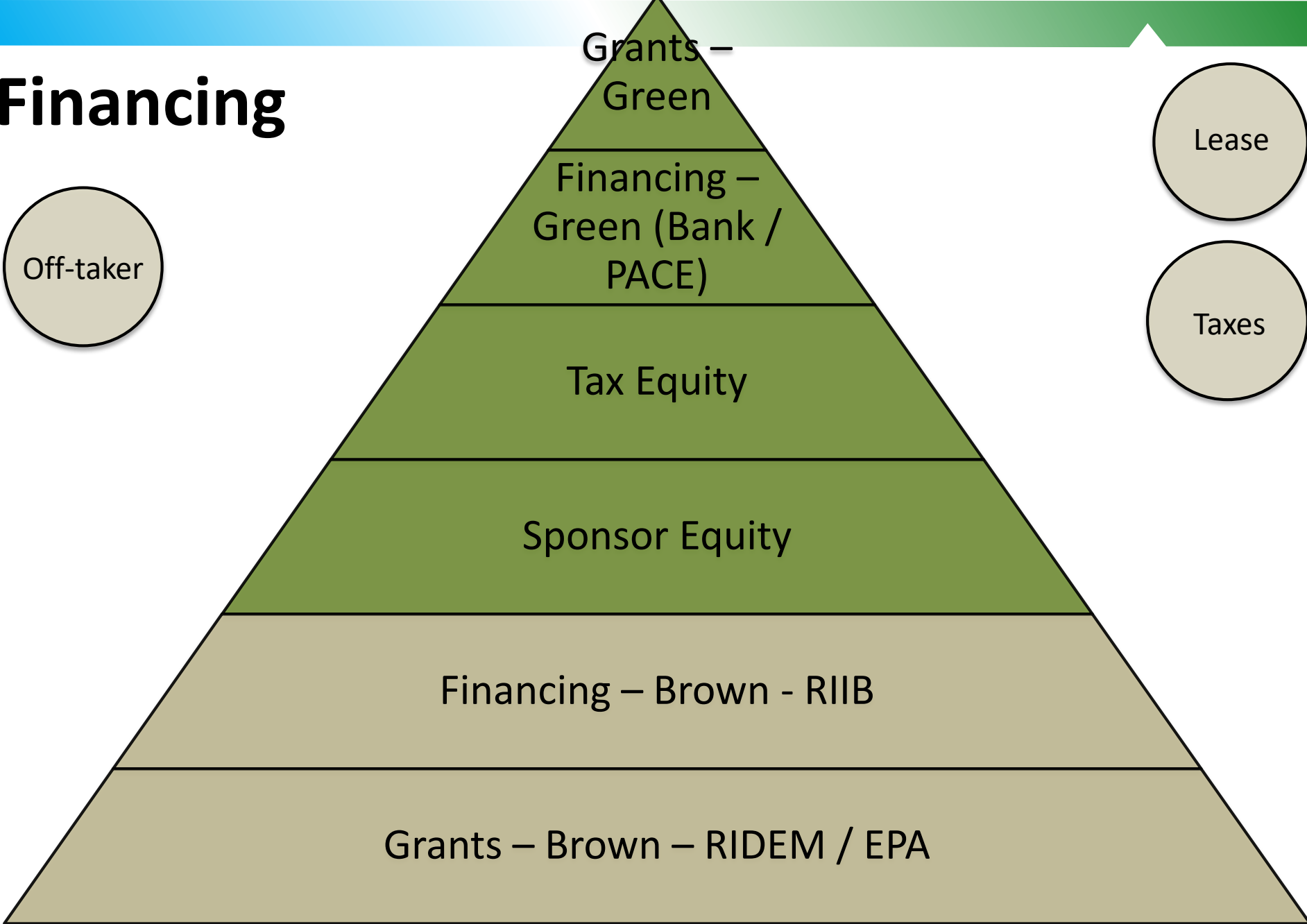
Construction

Operation and Maintenance

Monitoring (solar and contamination)

Financing

Off-taker

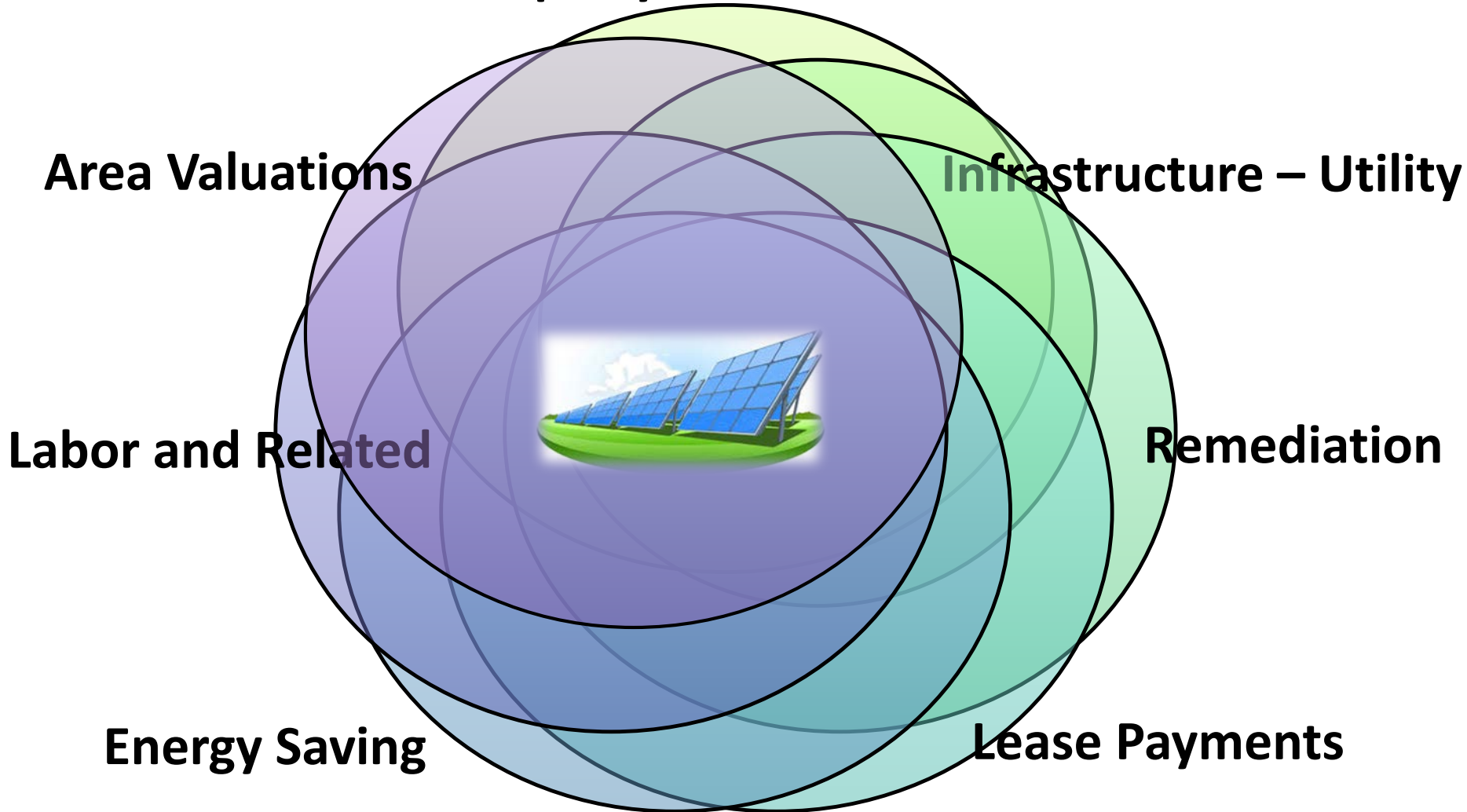


Lease

Taxes

Benefits of Brownfield Solar

Property Taxes – Solar



Rose Hill Landfill Superfund Site Solar Project



4.7 MW DC

Plains Road Landfill Superfund Site Solar Project

4.6 MW DC





Thank – you

