Better Buildings®
U.S. DEPARTMENT OF ENERGY

JUNE 8–11
2020 SUMMIT
A Virtual Leadership Symposium

Learn more: betterbuildingssolutioncenter.energy.gov/summit
What’s New in Energy Efficiency Finance?

June 9th, 2020
3:00 to 4:30 PM EST
Joe Indvik
RE Tech Advisors
Agenda

1. Energy Finance in 2020
2. Commercial PACE
3. Efficiency-as-a-Service
4. Green Bonds
5. Q&A
Takeaway:
Practical understanding of innovative financing options that can help you drive energy savings and resilience.
Please go to [www.slido.com](http://www.slido.com) using your mobile device or web browser.

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#BBSummit

Select “What’s New in Energy Efficiency Finance?” from the dropdown.
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Today’s Presenters

Rachel Davis
Petros PACE Finance

Edwin Luevanos
Citizen Energy

Greg Montgomery
CleanSource Capital
Nearly all project finance is just variations on this structure
Up and to the right

The Future of PACE

Global Annual EaaS Revenue Forecast

Annual green bond issuances, per region, 2014-2019, USD billion

IRENA analysis, based on data from Environmental Finance Bond database


(2) Greentech Capital Providers/Navigant Research: https://www.greentechcapital.com/reports-articles/energy-service-customers-suppliers/

Finance & Resilience Initiative

Need:
Building owners looking for guidance on where to start on resilience as climate and weather disasters intensify and market pressure increases.

Goal:
Bring together experts and emerging best practices to help building owners measure, manage, and mitigate resilience risk. Focus on energy and climate, with other areas considered.

Activities:
- Roundtable of industry experts from CRE, finance, and insurance industries
- Develop actionable resources
- Share insights with the market

Steps Toward Resilience

- Measure Risk
- Build the Business Case
- Manage Insurance Risk
- Finance & Implement Improvements
- Disclose Resilience Performance
- Create a Resilience Plan

Resilience Roadmap
Resilience Roadmap is Live on the Solution Center

Steps to Resilience

1. **Building the Financial Business Case for Resilience**
   This fact sheet introduces the Resilience Roadmap and reviews key concepts including the challenges of resilience, understanding and measuring risk, and how to quantify and articulate the financial business case for resilience improvements.

2. **Managing Insurance Cost and Business Risk**
   This fact sheet discusses the role that the insurance industry plays in mitigating resilience risk and offers best practices for building owners to work effectively with insurers.

3. **Financing and Implementing Resilience Projects**
   This fact sheet discusses implementing resilience improvements across a commercial building portfolio and evaluating financing options that can help overcome upfront costs and other common barriers to resilience.

Resources & Case Studies

Available at: [https://betterbuildingssolutioncenter.energy.gov/finance-resilience](https://betterbuildingssolutioncenter.energy.gov/finance-resilience)
Impacts of Resilience Risk on Commercial Building Financial Statements

**Balance Sheet**

- **Assets**
  - Current Assets
  - Property, Plant, Equipment
  - Investments
  - Intangible Assets
- **Liabilities**
  - Current Liabilities
  - Long-Term Liabilities

  - Decrease in valuation for vulnerable and inefficient properties
  - Limited liquidity
  - Need for additional equipment (e.g., backup generation, redundant servers)
  - Potential for total asset loss
  - Decline in goodwill and brand identity in the event of loss
  - CapEx or financing required to repair or improve assets
  - Stricter terms from lenders for at-risk assets
  - Decrease in asset marketability to tenants
  - Property downtime
  - Local market decline leading to vacancies
  - Abandonment risk
  - Increased operating costs to maintain redundancy
  - Vulnerable properties also tend to have high energy costs
  - Increase in insurance premiums
  - Inability to get risky assets insured
  - Requirement for new types or levels of coverage
  - Tax increase to fund climate adaptation, mitigation, and disaster recovery
  - Increased compliance cost due to resiliency regulation and code changes

Available at: [https://betterbuildingssolutioncenter.energy.gov/finance-resilience](https://betterbuildingssolutioncenter.energy.gov/finance-resilience)
The Better Buildings Financing Navigator is an online tool that helps public and private organizations find financing solutions for energy efficiency and renewable energy projects.

With the Navigator, you can…

1. **Explore**: Learn the basics of the clean energy financing market

2. **Find**: Answer a few simple questions to see which financing options might be a fit for your project

3. **Connect**: Speak to Better Buildings Financial Allies who may be able to finance your project

Available at: https://betterbuildingssolutioncenter.energy.gov/financing-navigator
Rachel Davis
Petros PACE Finance

Submit Questions
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Better Buildings Summit 2020
What’s New in Energy Finance
Commercial PACE

June 9, 2020
• Founded in 2013, Petros PACE Finance is a leading financier of commercial PACE financing.

• Petros funds PACE loans ranging from $500K to $200M+ and has developed a flexible financing program designed to seamlessly help property owners and industry partners reap the many benefits of C-PACE.

• Petros has played a key leadership role in building the C-PACE industry since its earliest days in 2010. The firm is committed to helping to implement C-PACE programs across the U.S.

• Petros is an approved capital provider in the majority of approved C-PACE markets and has closed transactions in twelve states plus Washington, D.C.
Commercial Property Assessed Clean Energy (C-PACE) is a relatively new and quickly growing alternative financing mechanism for energy efficiency, water efficiency, renewable energy and resiliency projects.

C-PACE makes it possible for owners and developers of commercial properties to obtain low-cost, long-term financing which is paid back through an annual assessment on the organization’s property tax bill.

Through C-PACE, businesses can finance building retrofits, gut rehabilitations and new construction with no upfront costs and, in some markets, eligible projects can be funded retroactively to replace more expensive financing.

**Fixed-Rate**  **Up to 25% LTV**  **Low-Cost**  **Up to 30-yr Terms**
The unique assessment structure of C-PACE provides numerous benefits for property owners and developers. It can spread out the upgrade costs, free up your yearly budget, realize dramatic energy cost savings, and reduce your credit risk.

- 100% financing of hard and soft costs with no out-of-pocket
- Increases net operating income and property value
- Fixed-rate financing with up to 30-year terms
- Promotes economic development and urban revitalization
- Ability to recover as an operating expense
- Displaces higher cost mezzanine and equity capital
- Decreases utility and maintenance costs
- Facilitates sustainable building design
C-PACE can fund projects for a wide variety of property types.

- **INDUSTRIAL**
- **OFFICE**
- **HOSPITALITY**
- **HEALTHCARE**
- **MIXED-USE**
- **MULTIFAMILY**
- **NONPROFIT**
- **RETAIL**
C-PACE Eligible Upgrades

Energy Efficiency
- HVAC systems
- Boilers & chillers
- Building automation & control systems
- LED lighting
- Building envelope, including insulation, windows, doors & roofing
- Motors & drives

Water Efficiency
- Low-flow plumbing fixtures
- Irrigation sensors/controls
- Greywater/wastewater recovery
- Water-efficient appliances (permanently affixed)
- Rainwater harvesting

Resiliency
C-PACE financing can be used for seismic upgrades in California and Oregon and for wind-hardening upgrades in Florida.
- Seismic
- Wind-hardening
- Microgrids

Renewable Energy
- Solar/solar thermal
- Fuel cells
- Cogeneration
- Geothermal
- Wind
Stellar International secured $1.3M in funding for an energy efficient retrofit of a Houston office building, becoming the first multi-tenant office building owner in Texas to use C-PACE financing.

CHALLENGE
Stellar International needed to make costly efficiency upgrades to an 11-story office tower. After 30 years, the building’s mechanical and lighting systems were approaching the end of their useful life.

SOLUTION
C-PACE Funding: $1.3 Million
Property Type: 200,418 SF commercial office, built in 1984
C-PACE Eligible Measures:
- Chiller replacement
- Variable frequency drives
- Air handling units
- Efficient lighting with controls
- Building controls and monitoring

RESULTS
- Stellar secured long-term financing with zero out of pocket costs
- Building performance improved after the much-needed equipment upgrades.
- Energy consumption decreased 37% or 1.5 million kWh annually.
- Upgrades modernized the facility and improved tenant comfort, making the building more attractive for investors and boosting property value for Stellar.
Leo Brown Group secured $7.9M in funding for energy efficient measures incorporated in the ground-up development of a senior living community in Lebanon, Ohio.

**CHALLENGE**

Developer wanted to secure a lower cost of capital for the construction of the senior living community to help ensure long-term stability for their desired capital stack while providing the funding necessary for their desired efficiency components.

**SOLUTION**

- **C-PACE Funding:** $7.9 Million
- **Property Type:** 176,933 SF senior living, estimated completion in 2022
- **C-PACE Eligible Upgrades:**
  - Building envelope upgrades
  - Energy efficient HVAC
  - Efficient lighting

**RESULTS**

- Developer secured a more efficient capital stack and long-term interest rate hedge.
- Non-recourse (post construction) capital for infrastructure construction.
- Publicly enabled and privately funded capital source incentivized forward thinking, sustainable building design without the use of taxpayer dollars.
In November 2019, WestPac secured $11M of C-PACE funding for seismic measures incorporated in the conversion of a historic property into a boutique luxury hotel in San Luis Obispo, California.

SOLUTION

C-PACE Funding: $11 Million
Property Type: Five-story, 65-key hotel with dining and event spaces

C-PACE Eligible Measures:
• Seismic retrofit

RESULTS
• Developer secured lower-cost, non-recourse capital to refinance the seismic infrastructure upgrades.
• Developer secured a more efficient capital stack and long-term interest rate hedge, ensuring long-term stability for their capital stack.
• Improved developer’s ability to service debt and generate free cash flow on the asset.
In February 2020, Brine Wells Development secured $9.9M of C-PACE funding to recapitalize energy efficiency improvements incorporated in the renovation of the historic Marriott Syracuse Downtown.

**CHALLENGE**

Brine Wells sought to lower the cost of capital for completed renovations of the historic hotel and to secure financing for energy efficient upgrades as part of additional renovations that were to add 50 rooms to the property.

**SOLUTION**

**C-PACE Funding:** $9.9 Million  
**Property Type:** 311-room Marriott hotel with restaurants and 41,000 SF of meeting space

**C-PACE Eligible Measures:**
- Building envelope
- Plumbing
- HVAC
- Lighting
- Electrical systems

**RESULTS**

- Property became the first to use C-PACE financing in the City of Syracuse and the largest C-PACE funding to date in New York state, paving the way for higher levels of energy efficiency in support of state’s clean energy goals.
- Developer locked-in lower cost, non-recourse capital.
- Developer secured a more efficient capital stack and long-term interest rate hedge.
- C-PACE financing generated free cash flow on the asset.
- C-PACE financing improved ability to service debt.
Market Size

- Through 2019, >$1.5B of cumulative C-PACE investment across 2,000+ properties nationally (Source: PACENation)

Market Trends

- Significant growth in new construction and renovation projects
- Average financing $ increasing per transaction

Barriers and Challenges for Broader Adoption

- Market awareness
- Lender acceptance
- Geographic availability

COVID-19 Implications

- Many new construction projects on-hold along with construction lenders
- Shift to retrofit and retroactive financings
Rachel Davis
Senior Vice President, Sales
rachel@petrospartners.com
(832) 489-2788
Thank you!
Better Buildings Summit
Efficiency as-a-Service

www.Citizen-Energy.com
What is Efficiency as-a-Service?

- Pay-for-performance finance solution
- No upfront capital
- Off-balance sheet
- Third-party ownership of equipment
- Third-party is responsible for installation, maintenance
Please go to www.slido.com using your mobile device or web browser

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Select “What’s New in Energy Efficiency Finance?” from the dropdown
How it Works

Energy Services Agreement Structure

Energy Services Agreement (ESA) → ESA Provider → Customer

Customer → Contractor/ESCO → Project Installation & Maintenance

ESA Provider ↔ Energy Services Performance Contract (ESPC)

https://betterbuildingssolutioncenter.energy.gov/financing-navigator/option/efficiency-a-service
Market Growth

CAGR (2020-2024) 37%

Incremental growth (2020-2024) $7.65 billion
Challenges & Opportunities

COVID-19

- 67% of U.S. CFOs deferring or cancelling planned investments. Facilities & CapEx tops the list

- Vacant buildings: Installations? The age of “Zoom”? Credit risk?

- Economic stimulus policies: create jobs & drive economic growth
Challenges & Opportunities

Smaller size projects
• Transaction cost: Aggregate, standardize and streamline

Contractual
• High subsidies, length & end of term options, M&V
• New FASB rules (ASC 842): Avoiding embedded leases
Case Study: Multifamily Properties

Cityline at Tenley Condominium: Owner-occupied

Midtown at Camp Springs Apartments: Investor-owned, tenant-occupied
- Total annual savings: $63,919 ($6,560 from maintenance savings)
- Customer annual payment: ~$40,000 (Not including local energy rebates assigned to Citizen Energy by Midtown)
- Customer share of annual savings: ~$23,919 (37%)

https://betterbuildingssolutioncenter.energy.gov/implementati on-models/citizen-energy-uses-efficiency-a-service-finance-multifamily-properties

AMOUNT INVESTED
$300,000 (cumulative)

LOCATION
Washington D.C. metro area
Edwin Luevanos
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202.499.1595
Greg Montgomery
CleanSource Capital

Submit Questions
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CLEANSOURCE CAPITAL

Green Bonds and the ICMA Voluntary Green Bond Principles for a Real Estate Portfolio
WHY GREEN BONDS?

- Proof Positive of Accelerating Climate Change.
- Building Sector contributes 40% to GHG emissions and consumes 70% of energy.
- Need for Projects in Support of 2 Degree C Goals of Paris Climate Accord.
- State and Local Government and Private Sector Responding.
- Capital Markets Responding.

“In recent years, an increasing number of market participants have shown interest in sustainability-driven investing and have started to incorporate ESG factors in their investment processes.” – S&P Dow Jones Indices, Research - ESG & Fixed Income, May 2018

“Green bonds play an important role in tapping financial markets to aid in the transition to a low-carbon economy.” – S&P Dow Jones Indices, Research - ESG & Fixed Income, May 2018
WHY GREEN BONDS?

• Level the Playing Field Between Conventional Vanilla Bonds and Environmental-Related Bonds.
  ▫ Credible fixed income instrument with attractive returns.
  ▫ What constitutes a “green” investment.
  ▫ Measurable and verifiable evidence of the environmental benefits.
  ▫ Parties with requisite environmental expertise.
  ▫ Standardized and comparable reporting.
  ▫ Strategic tie in to Issuer’s sustainability plans and goals.

• Evolution of Green Bonds to Meet These Concerns:
  ▫ Primarily centered around “Green use of bond proceeds” vs general corporate purposes.
WHAT ARE GREEN BONDS?

• ICMA Voluntary Green Bond Principles ("VGBPs"):  
  ▫ Use of Proceeds for an eligible project  
  ▫ Project Selection within issuer’s strategic framework for environmental sustainability  
  ▫ Management of proceeds to trace for use in project  
  ▫ Reporting on use of proceeds and project’s impact

• External Review to confirm alignment of a designated Green Bond with the VGBPs.

• Benefits of the VGBPs in the Growth of the Green Bond Market:  
  ▫ Buy and sell side acceptance and governance  
  ▫ Investor certainty through restricted use of proceeds  
  ▫ Transparency and regular reporting for assurance  
  ▫ Objectivity through independent third-party review and evaluation;  
  ▫ Standardized templates and metrics for impact reporting  
  ▫ Increasing importance of issuers’ environmental strategies

“Globally, the most widely accepted standards [for green bonds] are the Green Bond Principles.” - OECD, 2017
WHAT ARE GREEN BONDS?

“We need USD$1 trillion a year of green bond issuance by 2020”
– Climate Bonds

Source: Climate Bonds, 2019 Green Bond Market Summary, February 2020
WHAT ARE GREEN BONDS?

Types of Green Bonds:

- Green Use of Proceeds Bond.
- Green Use of Proceeds Revenue Bonds.
- Green Project Bond.
- Green Securitized Bond.
ISSUERS OF GREEN BONDS

• Why Issue a Green Bond?
  ▫ Strategic and Managerial
  ▫ Reputational
  ▫ Access to Financing
  ▫ Regulatory

• Issuers Benefits:
  ▫ Growing cohort of environmental investors willing to pay a premium
  ▫ Imbalance in supply and demand favors issuers

• Increased Costs:
  ▫ Third-party review and on-going measurement and reporting.

(2) “Green Bond Finance and Certification”, BSA Quarterly Review, September 2017
(3) “Green Bond Pricing in the Primary Market” CBI/IFC 2018
THE VGBPs – USE OF PROCEEDS

- **Use of Proceeds**: Foundational principle, to ensure that the Green Bonds will be used to fund a “green project” in alignment with the issuer’s environmental sustainability policies and goals.

Source: Climate Bonds, 2019 Green Bond Market Summary, February 2020

![Diagram showing the distribution of green bonds in 2019: 31% in Energy, 30% in ICT, 20% in Transport, 9% in Water, 4% in Waste, 3% in Land Use, 4% in Industry, 3% in Buildings, and 1% each in Energy and Unalloc. A&R. Total 2019 USD257.7bn.]

6/18/2020 www.abundantpower.com CONFIDENTIAL 50
**THE VGBPs – USE OF PROCEEDS**

- **Specified Project Types:** The VGBPs specify a wide range of project types eligible for Green Bond funding:
  - Renewable energy
  - Energy efficiency
  - Pollution prevention and control
  - Environmentally sustainable management of living natural resources and land use
  - Terrestrial and aquatic biodiversity conservation
  - Clean transportation and fuel infrastructure
  - Sustainable water and wastewater management
  - Climate change adaptation
  - Eco-efficient and/or circular economy adapted products, production technologies, and process
  - Green buildings

- **Additional Project Types.**

- **New or Existing Projects.**

- **Range of Construction and Investment Activities.**

- **Green Building Rating Systems.**
### THE VGBPs – USE OF PROCEEDS

<table>
<thead>
<tr>
<th>GBP Categories</th>
<th>Asset Attributes</th>
<th>Environmental Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Renewable Energy</strong></td>
<td>Onsite renewable energy generation to power building or distribute to grid</td>
<td>Renewable energy generated</td>
</tr>
<tr>
<td></td>
<td>Offsite renewable energy production</td>
<td>GHG emissions reduction</td>
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<tr>
<td><strong>Energy Efficiency</strong></td>
<td>Buildings that demonstrate energy efficiency above market performance</td>
<td>Energy savings</td>
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<tr>
<td></td>
<td>Peak load demand reduction</td>
<td>GHG emissions reduction</td>
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<tr>
<td></td>
<td>Building energy retrofits</td>
<td>Human health</td>
</tr>
<tr>
<td><strong>Sustainable Waste Management</strong></td>
<td>Buildings that demonstrate waste management metrics above code or market performance</td>
<td>Waste reduction</td>
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<td></td>
<td>Construction waste management</td>
<td>Landfill use reduction</td>
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<td></td>
<td>Stormwater quality/quantity</td>
<td>Recycling</td>
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<tr>
<td><strong>Sustainable Land Use</strong></td>
<td>Investments demonstrating sustainable land use regarded as conservation and/or preservation</td>
<td>Floodplains mitigated</td>
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<td></td>
<td>Smart Growth development</td>
<td>Wetlands restored</td>
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<td></td>
<td>Wetland preservation</td>
<td>Forest resources</td>
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<td></td>
<td>Historic rehabilitation</td>
<td>Natural resources</td>
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<td></td>
<td></td>
<td>Historic sites</td>
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<tr>
<td><strong>Biodiversity Conservation</strong></td>
<td>Investments demonstrating preserving habitat biodiversity and/or cultural resources</td>
<td>Preservation of species habitat</td>
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<td></td>
<td>Conservation easements</td>
<td>Migratory paths</td>
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<td></td>
<td>Land banks</td>
<td>Land conservation</td>
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<tr>
<td></td>
<td>Carbon sequestration</td>
<td>Cultural preservation</td>
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<tr>
<td></td>
<td>Ecosystem services</td>
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<tr>
<td><strong>Clean Transportation</strong></td>
<td>Support multiple types of transit modes</td>
<td>GHG emissions reduction</td>
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<td></td>
<td>Incorporate clean transportation infrastructure</td>
<td>Air quality</td>
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<tr>
<td></td>
<td></td>
<td>Fossil fuel reduction</td>
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<tr>
<td><strong>Sustainable Water Management</strong></td>
<td>Minimize potable water consumption/disposal</td>
<td>Water conservation</td>
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<td></td>
<td>Capture/recycle storm water</td>
<td>Water quality</td>
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<td></td>
<td>Grey water utilization</td>
<td>Species habitat</td>
</tr>
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<td></td>
<td>Water metering/monitoring systems</td>
<td>Human health</td>
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<tr>
<td><strong>Climate Change Adaptation</strong></td>
<td>Asset resiliency</td>
<td>Asset safety</td>
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<td></td>
<td>Flood proofing</td>
<td>Community resiliency</td>
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<tr>
<td></td>
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<td>Human health and safety</td>
</tr>
</tbody>
</table>
THE VGBPs – PROJECT EVALUATION SELECTION

• Project Evaluation and Selection within Established Framework.

• Established Process for Evaluation and Selection of Project.

• Review Committee Comprised of Stakeholders

• Real Estate Framework:
  ▫ Energy efficiency goals
  ▫ Renewable energy production goals
  ▫ GHG emissions reduction goals
  ▫ Green Building certification under green building rating system (e.g. LEED)
  ▫ Energy rating programs (e.g. ENERGY STAR)
  ▫ Waste reduction and water conservation
THE VGBPs – MANAGEMENT OF PROCEEDS

- Tracking of Proceeds to Trace to Use in Approved Green Projects.
- Ring Fencing.
- Interim Investments.
- Investor Reporting.
THE VGBPs – REPORTING

- Pre-Issuance Information.

- Post-Issuance Use of Proceeds.

- Impact Reporting:
  - Qualitative
  - Quantitative

- Primary Indicators for Real Estate:
  - Green Building Certifications
  - Energy Ratings.
### Measuring and Reporting on Metrics for Eligible Green Projects

<table>
<thead>
<tr>
<th>GBP Categories</th>
<th>Measurement</th>
<th>Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renewable Energy</td>
<td>Renewable energy generated during the life of the bond</td>
<td>Absolute kWh generated</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td>Energy consumption reduction during the life of the bond</td>
<td>Absolute kWh avoided</td>
</tr>
<tr>
<td>GHG Emissions</td>
<td>GHG emissions reduced during the life of bond</td>
<td>GHG metric tons reduced</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Energy intensity</td>
</tr>
<tr>
<td>Water Consumption</td>
<td>Water consumption during the life of the bond</td>
<td>Cubic meters of water consumed</td>
</tr>
<tr>
<td></td>
<td>Percentage and total volume of water recycled/reused</td>
<td>Total volume and % of water recycled/reused</td>
</tr>
<tr>
<td>Waste Management</td>
<td>Waste avoided by asset operations during life of bond</td>
<td>Tons of waste reduced</td>
</tr>
<tr>
<td></td>
<td>Disposal route</td>
<td>Total volume and % of waste recycled/reused</td>
</tr>
<tr>
<td></td>
<td>Diverted waste</td>
<td></td>
</tr>
</tbody>
</table>
THE VGBP – EXTERNAL REVIEW

• **Increasing Use of Third-Party Assurance.**

• **Types of External Reviews:**
  ▫ Second Party Opinion
  ▫ Scoring/Rating (e.g. Moody’s Green Bond Rating)
  ▫ Audit or Certification
  ▫ Verification or Assurance

• **Importance of Independence.**

• **Growing Universe of Service Providers.**

• **ICMA Guidelines for External Reviews.**
REAL ESTATE GREEN BOND – CASE STUDY

• **Vasakronan in Sweden:** 180 existing buildings and a development portfolio in excess of $15B.

• **Sustainable Mission:**
  ▫ Renewable energy generation.
  ▫ Reduced energy consumption.
  ▫ Reduced carbon emissions.
  ▫ Goal of 100% certified portfolio.

• **First Corporate Green Bond issued in 2014 under ICMA VGBPs.**

• **Evolving Framework for Green Bond Issuance Over Time.**

• **Benefits of Being Green Bond Issuer:**
  ▫ New Investors.
  ▫ Improved Communications with Investors.
  ▫ Enhanced Company Culture.
For more information contact:

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CleanSource Capital
Managing Director
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gmontgomery@abundantpower.com

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July 8

NEXT-GENERATION BUILDING PERFORMANCE POLICIES: MAXIMIZING ENERGY SAVINGS AND ENVIRONMENTAL IMPACTS
July 16

EVERYONE HAS A DATA CENTER: HOW TO BE AN ENERGY CHAMPION FOR YOURS
July 28

PROGRAM DESIGN WITH EVERYONE IN MIND: LOW-INCOME SOLAR PROGRAM STRATEGIES
July 9

STRATEGIES TO COMBINE ENERGY + HEALTH UPGRADES IN MULTIFAMILY HOUSING
July 21

SUCCEED WITH SUBMETERING: HOW TO MAKE THE BUSINESS CASE
August 4

THE DYNAMIC DUO: UNLEASH PUBLIC SECTOR ENERGY SAVINGS WITH FINANCING AND TECHNICAL ASSISTANCE
July 14

CASE IN POINT: OREGON’S RECENT EFFORTS TO REDUCE PLUG LOAD ENERGY CONSUMPTION
July 22

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Better Buildings Solution Center (Video)
Additional Questions?

Please Contact Us

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