

GSA Program

Presentation at FEDCon

Federal Design and Construction



Charles Matta, FAIA
GSA - Public Buildings Service
December 07, 2010

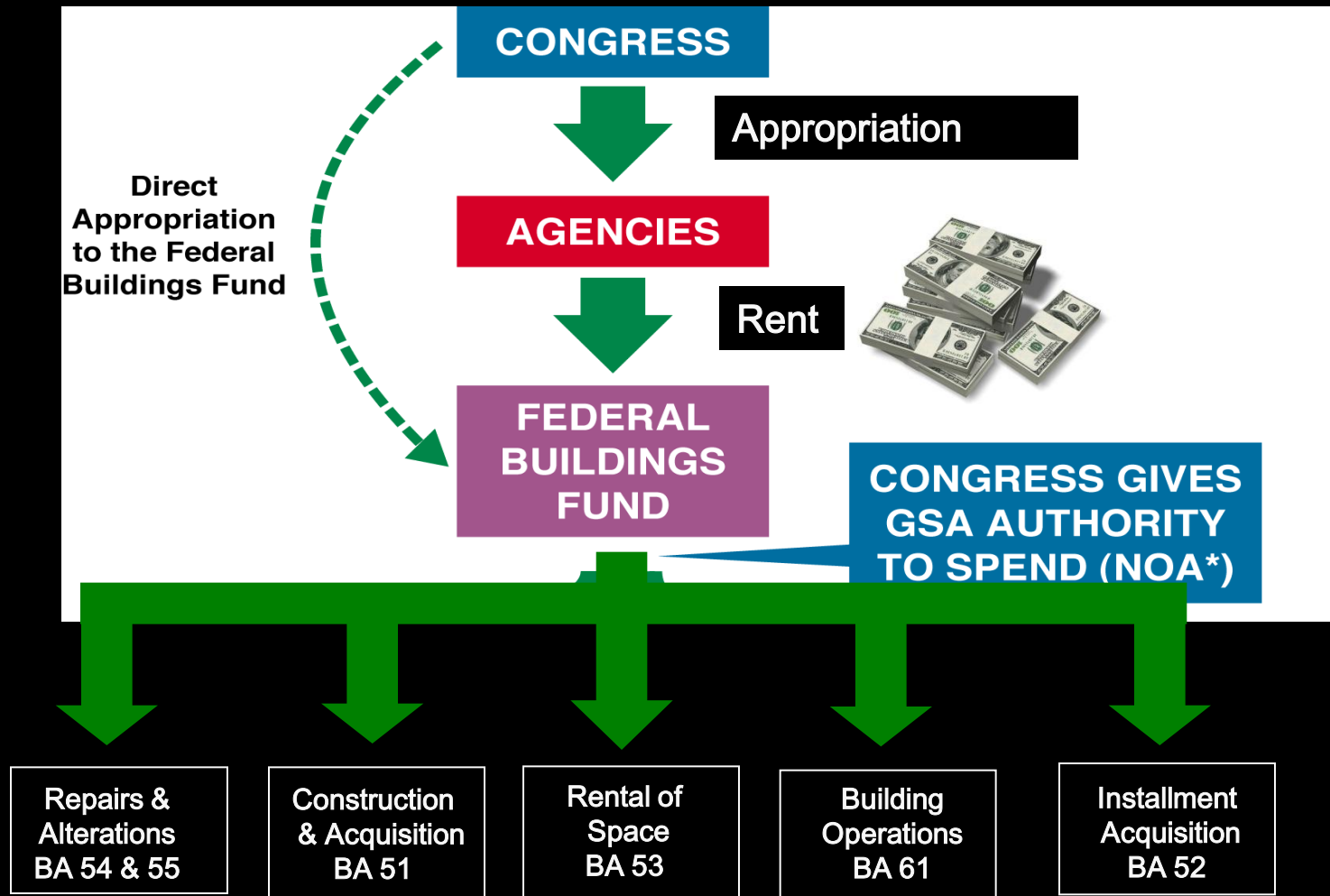
PBS has two fundamental activities:

Space acquisition through new construction or leasing to

400 agencies, bureaus, commissions

Life-cycle asset management of acquired space

General Services Administration Public Buildings Service Fiscal Year 2011 Congressional Justification



* New Obligational Authority

Policy & Mandates

- Green Proving Ground
 - Energy generation at site
- ZEF
 - 1800 F street case study
- Design-through-operations
 - Integrated design to integrated building systems

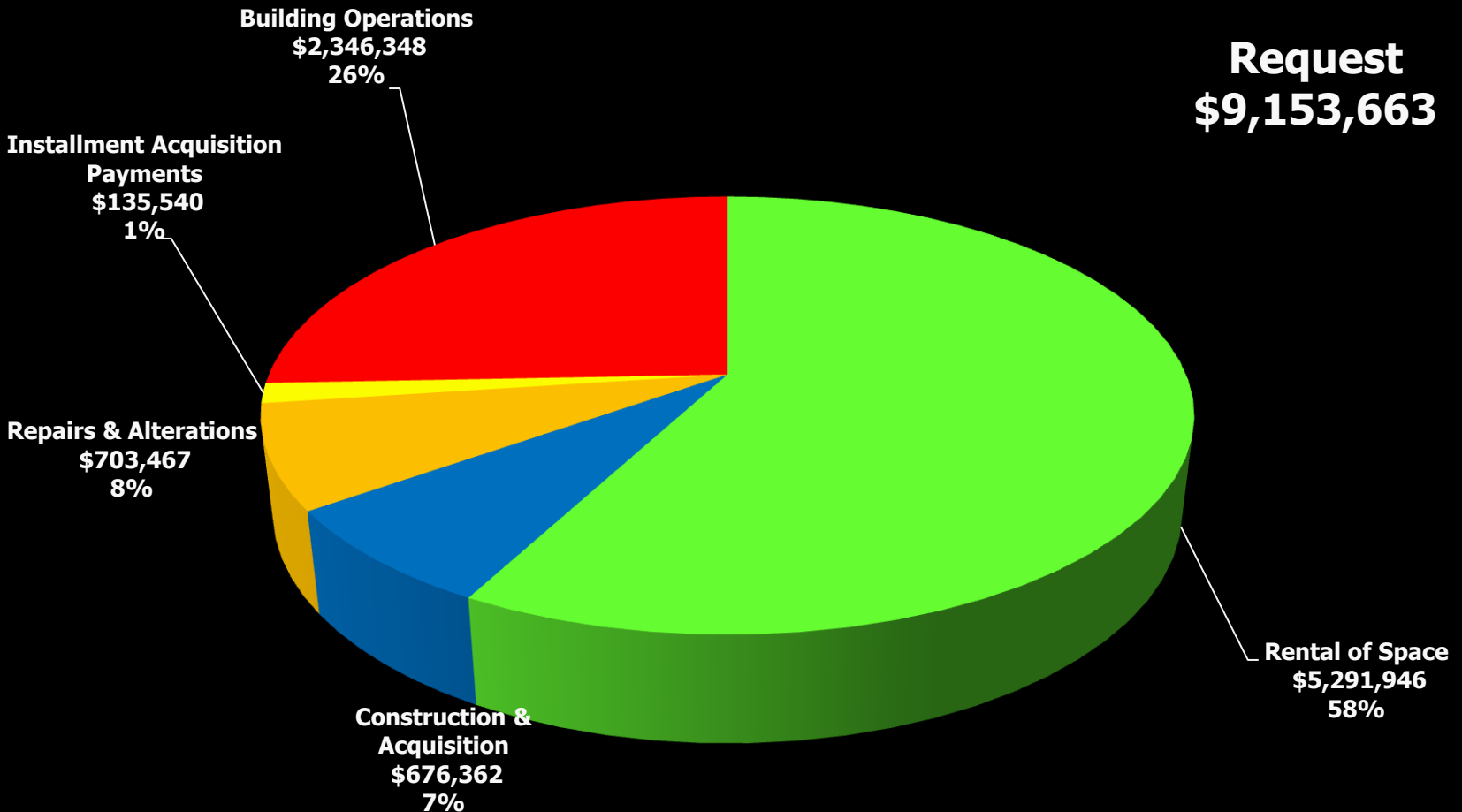
Innovation

- Incentives
 - LB2P
- BIM
 - Interoperability
- Smart Buildings
 - Operational adaptability

R&D funding

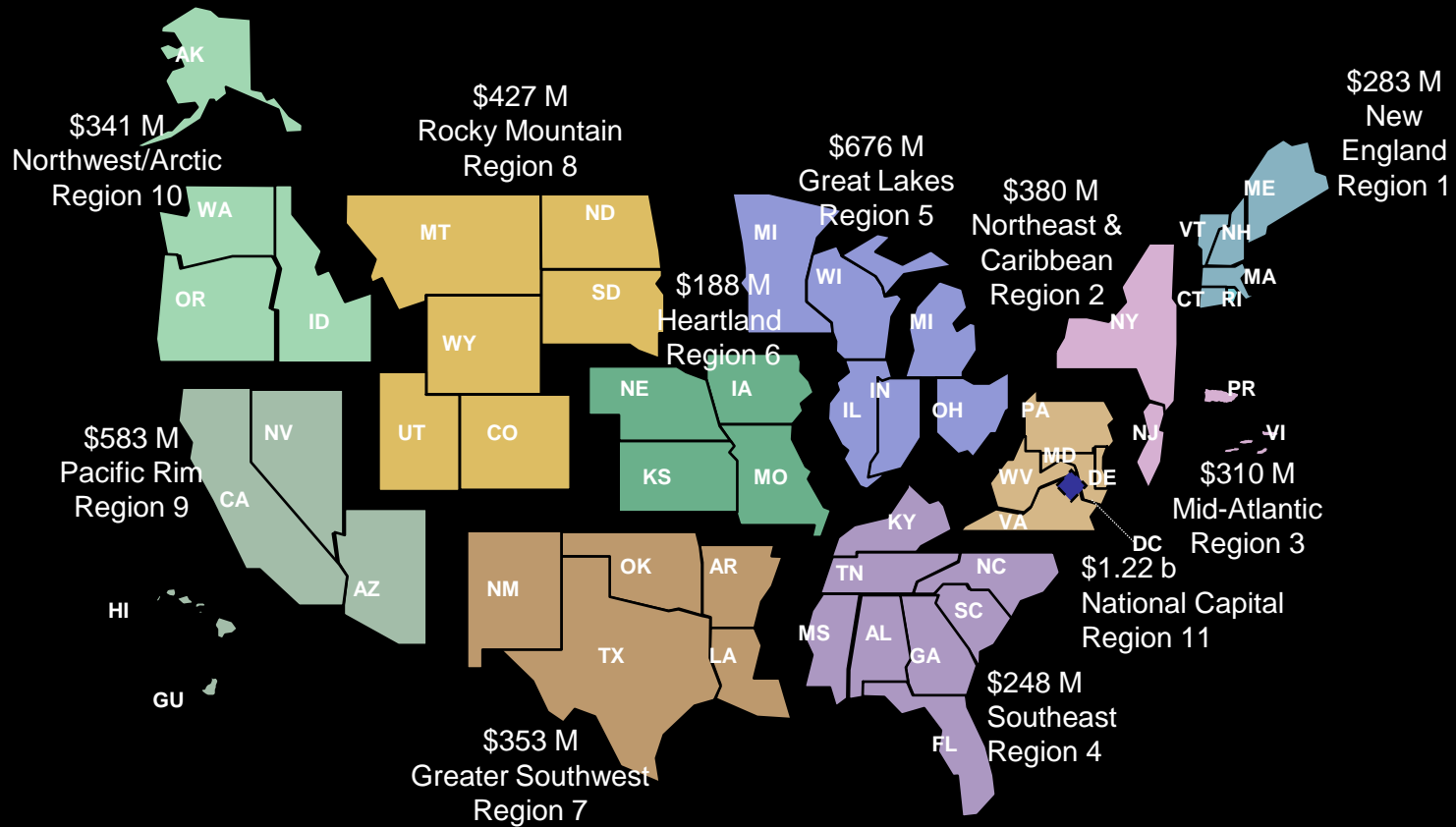
- Laser Scanning
- 50 Smart building systems application
- Sustainability Support Center

FY 2011 PBS Budget



November 2010

ARRA Funding by Region



HOW PROJECTS WERE SELECTED

Two overarching criteria:

- Ability of the project to put people back to work quickly
- Transforming federal buildings into high-performance green buildings

Compliance, Review & Reporting

All projects must comply with:

- EXEC. Order 13514 -2009- "Federal Leadership in Environmental, Energy, and Economic Performance,"
- EISA 2007 – Energy Independence & Security Act
- EXEC. Order 13423-2007 -- Leading by Example
- EPACT 2005 – Renewable Energy
- NEPA – Environmental Impact Statements & EPA
- NHPA 1966 -- Preserving our legacy future generations
- P-100 -- PBS Facilities Standards

EISA - Energy Independence and Security Act, December 2007

Requires annual **METERED** Energy Reduction of **30%** over the next 10 years over the entire Federally OWNED Building Inventory

Scheduled **Reductions*** in DESIGN estimates for **Fossil Fuel Energy** Use in new Federal Construction:

- 55% by 2010
- 65% by 2015
- 80% by 2020
- 90% by 2025
- 100% by 2030 (**Net Zero Carbon!**)

INVESTING IN THE SUSTAINABLE BUILDING INDUSTRY

- Leveraging investments to become a “green proving ground”
 - Green building technologies, materials, and operations
 - Identify, evaluate, and publicize results
 - Help lead the transformation to a new green economy
- Improve environmental performance of top 200 energy-using buildings
 - Reduce dependence on fossil fuels
 - Reduce use of potable water
- Invest in clean, renewable energy resources
 - Geothermal, photovoltaic solar electricity, solar thermal water heating, and wind power

Draft Policy on Allocation of Energy-Efficient Tax Deduction to Contractors

- The Energy Policy Act of 2005 (P.L. 109-58) authorized the Energy-Efficient Commercial Buildings Tax Deduction
- Expenses incurred for qualified energy efficient building expenditures made by a building owner.
- Deduction extended through December 31, 2013
- Deduction may be taken in the year the energy-efficient improvements are placed in service.
- Government may allocate this deduction to the entity primarily responsible for designing the qualified improvements.

Telework in the Federal Government

- 9% of all eligible employees telework
 - 21% of HHS (59,158 eligible)
 - 45% of GSA (10,374 eligible)
 - 82% of USPTO (5,314)



Questions

Charles Matta, FAIA

GSA – Public Buildings Service

For more information visit: www.gsa.gov