



SMARTER. BRIGHTER. **GREENER.**



DC SMART LIGHTING PROJECT
INDUSTRY FORUM
JANUARY 24-25, 2017



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SETH MILLER GABRIEL
DIRECTOR, OFFICE OF PUBLIC-PRIVATE PARTNERSHIPS (OP3)



Presentation Overview

1. Purpose of Forum
2. Project Goals and Background
 - Streetlights
 - Smart City
3. P3 Model
4. Next Steps
5. Q&A



Purpose of Forum

1. Introduce Project
2. Market Feedback
3. Networking



Project Goals

1. 100% LED Conversion
2. Remote Monitoring System
3. Ongoing Operations and Maintenance
4. Smart City Technology and Ancillary Uses





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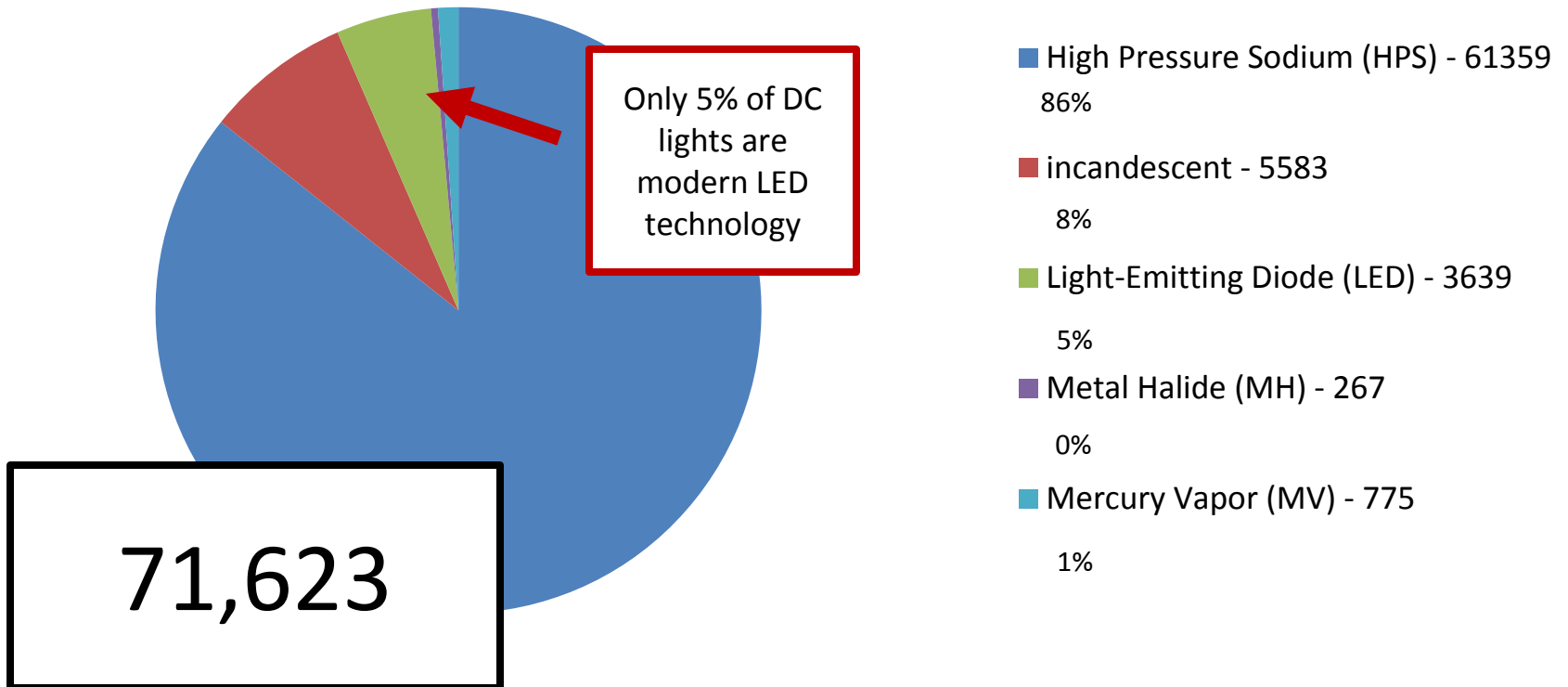


LEIF DORMSJO
DIRECTOR, DISTRICT DEPARTMENT OF TRANSPORTATION
(DDOT)

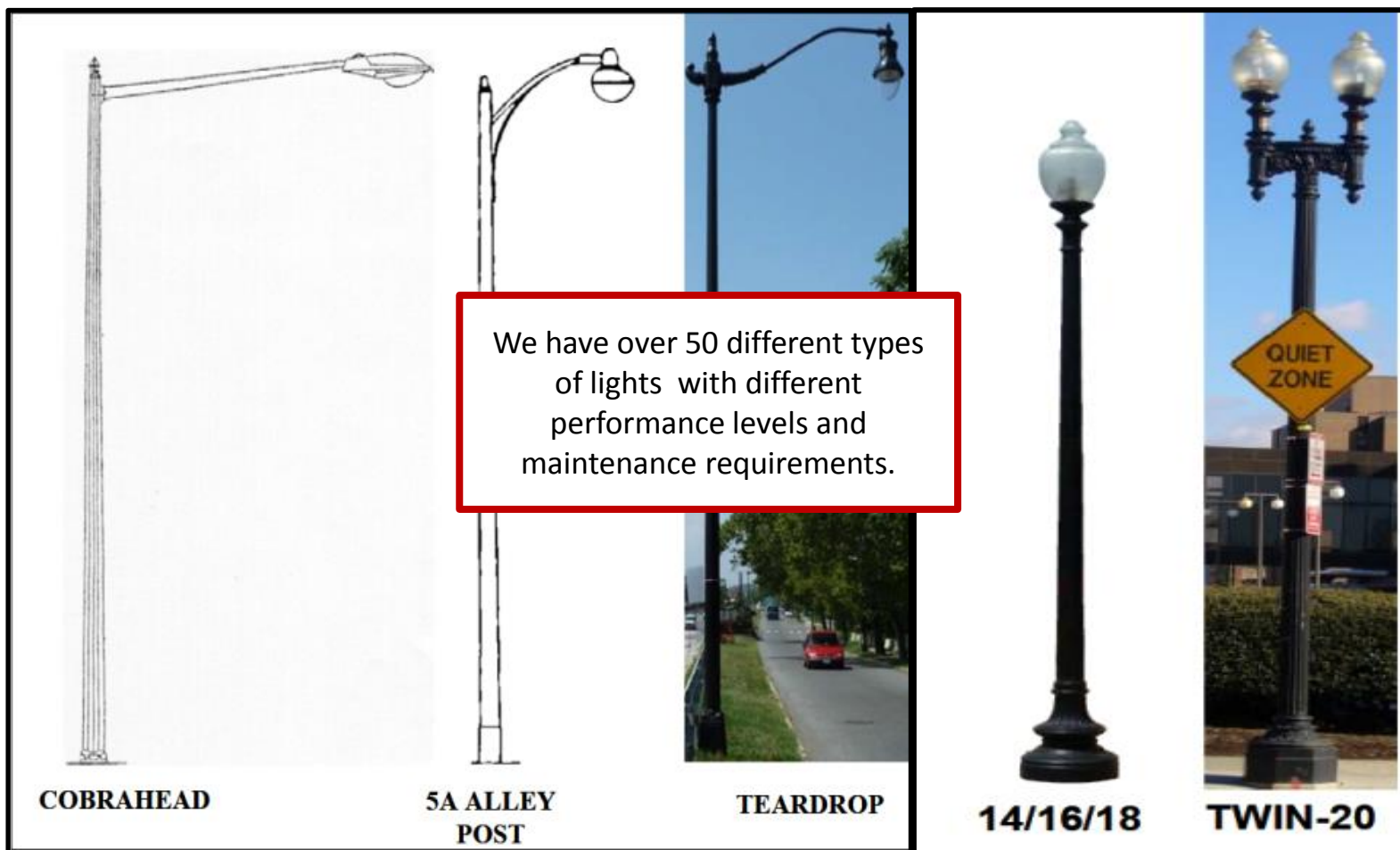


Background: Streetlights, By the Numbers

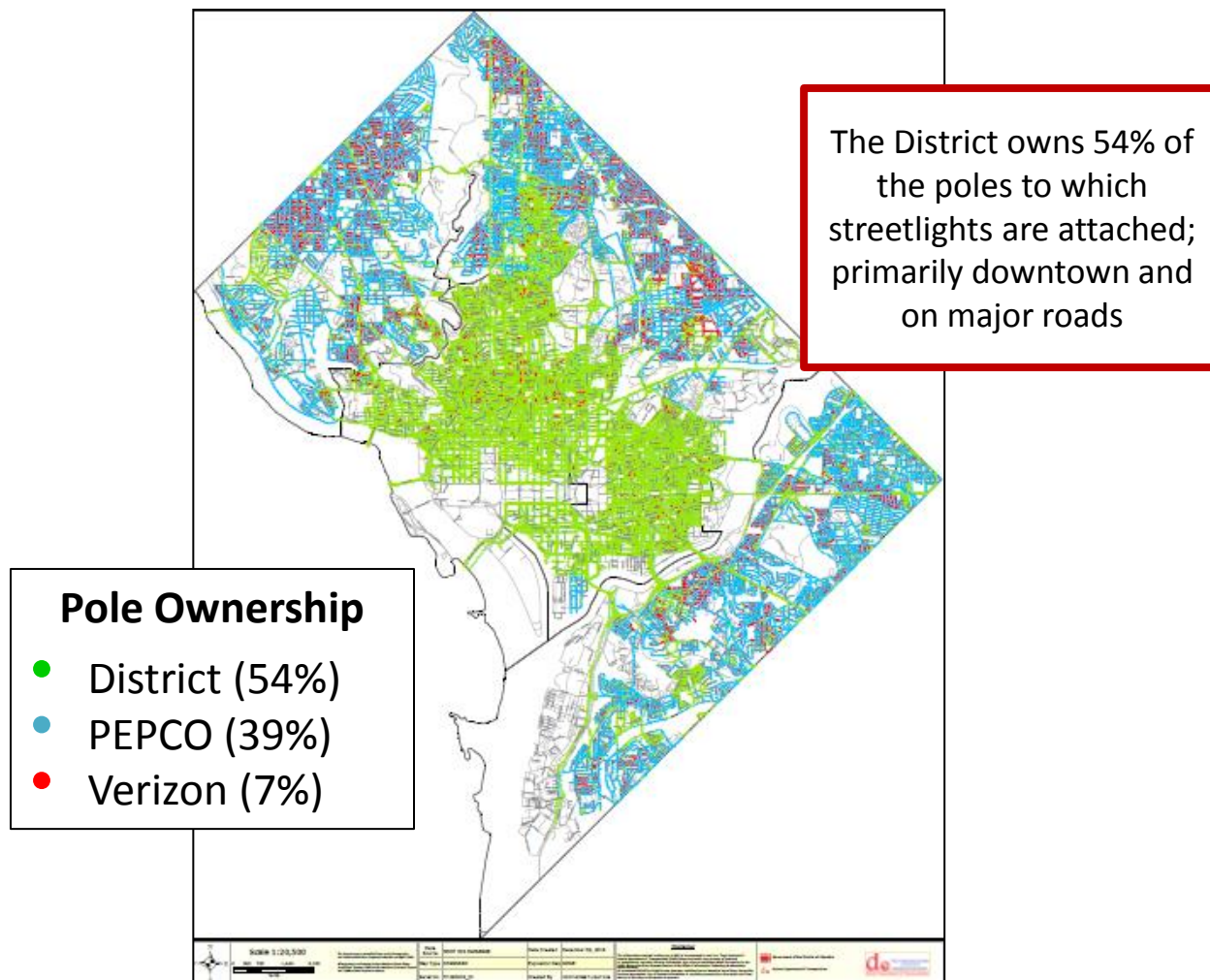
Sum of Total Lights (Snapshot as of Summer 2016)



Background: Types of Lights



Background: Streetlights, By the Numbers





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ARCHANA VEMULAPALLI
CHIEF TECHNOLOGY OFFICER, OFFICE OF THE CHIEF
TECHNOLOGY OFFICER (OCTO)



Smarter DC

- **DC-Net:** gigabit fiber network owned by DC
- **DCWiFi:** 650 free broadband WiFi hotspots
- **DC-CAN:** subsidized network for community anchor institutions
- **PA2040:** LED Smart lighting Pilot





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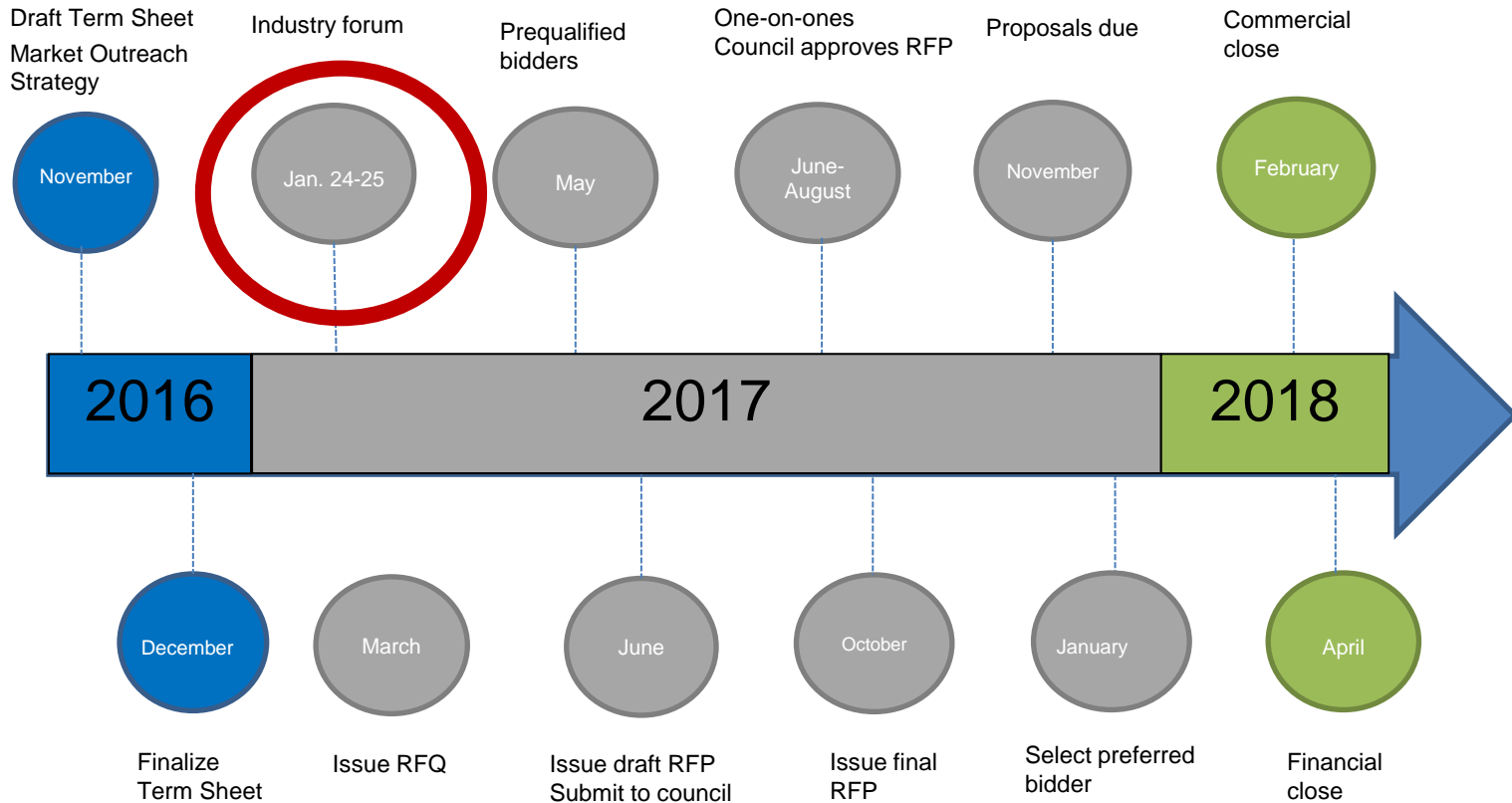


P3 Model

- Long-term, performance based
- DBFOM
- Project Integration and Risk Transfer
- Debt Cap



Timeline and Next Steps



Questions?





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OPPORTUNITIES FOR SMALL AND LOCAL BUSINESSES



Disadvantaged
Business Enterprise
Program



Lisa Gregory, Office of Civil Rights



DDOT Disadvantaged Business Enterprise (DBE) Program

- Required by Congress for recipients of FHWA, FAA, FTA funds (49 CFR part 26)
- Increases participation of minority- and woman-owned firms
- Contract-specific DBE subcontracting goals

DBE Certification and Goal Setting

- DDOT's OCR and WMATA administers the Metropolitan Washington Unified Certification Program for certifying DBE firms
- DDOT's federally – assisted projects include contract requirements for Primes to utilize DBE subcontractors.
- DDOT uses details from SOWs/engineers estimates to identify potential areas for DBE subcontracting opportunities.



Businesses that benefit most from DBE certification

- Heavy Highway, Bridge & Civil Engineering
- Concrete Work
- Water, Sewer, Utility
- Electrical/Mechanical Contractors
- Demolition/Excavate Contractor
- Structural Steel Erection Contractors
- Painting Contractors
- Landscaping Services (Non-architecture)
- Professional Services (Accountants, Consultants, etc.)
- Computers, Software, Network Systems
- Engineering/Architect Services
- Truckers/Hauling
- Material Wholesale Trade (Suppliers)
- Electrical Supplies & Equipment
- Ready Mix Concrete/Asphalt Paving Mixtures
- Sign Manufacturing





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SPEED NETWORKING

