

CSO CONCLAVE - II


Energy Efficiency in Buildings Parallel Track

Team


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High Level Engagement Plan

Implementing Energy Efficiency
Retrofits in Old and Large
Buildings



Preparing a ready reckoner of
steps to make existing buildings
more energy efficient



Implement a pilot projects to
showcase the business case

The Issues with Energy Efficiency Retrofits

Metering

Benchmarking

Energy Audits

Project
Implementation

Verification,
Monitoring and
Reporting

LCC (Lifecycle
Cost)

Return on
Investment
(RoI)

Ownership
Structure

Certification

Stakeholders

Architectures/ Engineers

Owners

Occupants

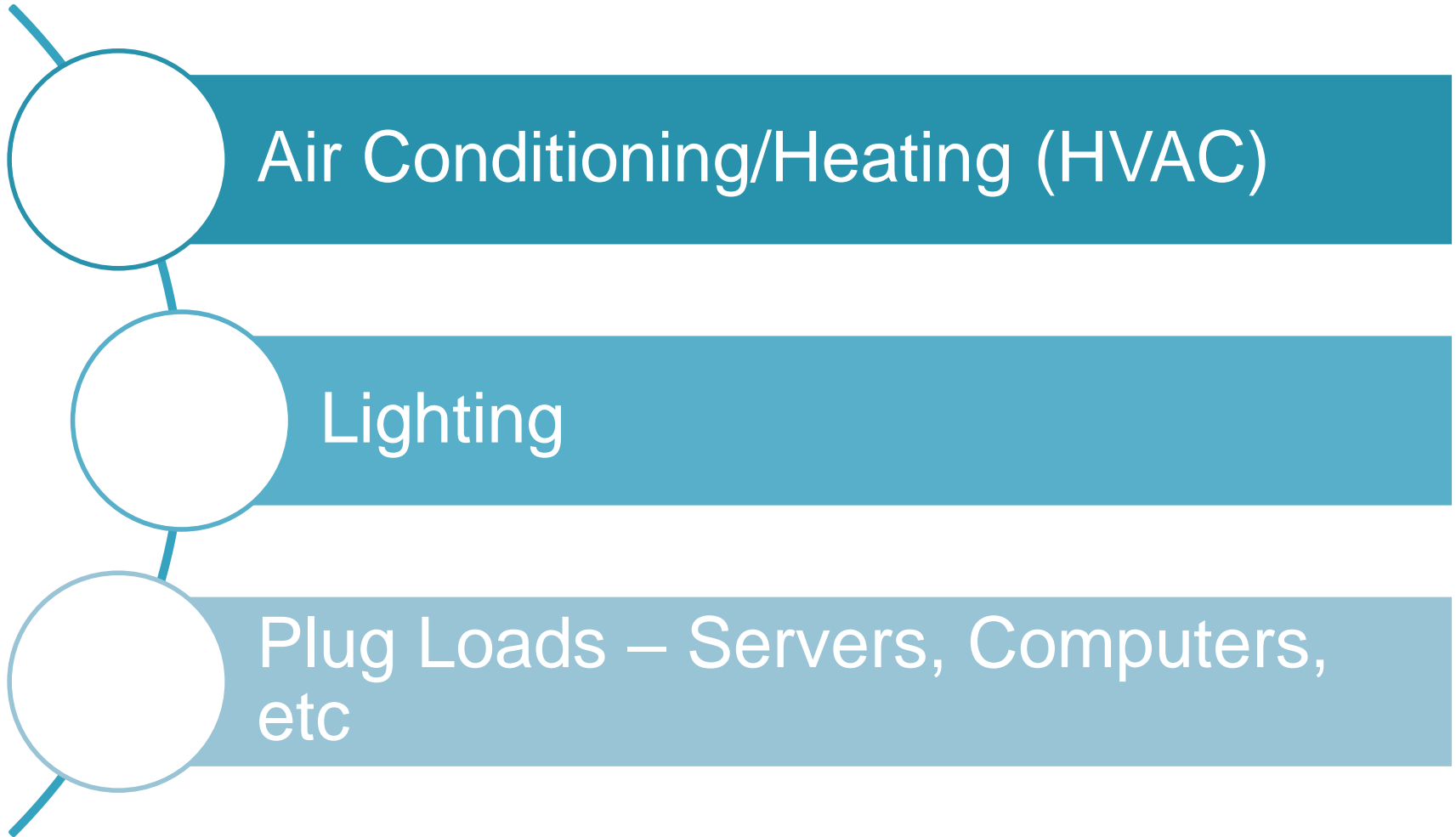
Government

Implementation Partners/ ESCO

Financial Institutions

Solution Developers

Key areas of Intervention



Business Drivers for Retrofitting Existing Buildings

Energy and costs savings

Environmental benefits

Safety

Operational Maintenance

Comfort Level

The Proposed Plan

- **Data Collection** – about different buildings and their energy loads
- **Benchmarking** – Setting standards for the optimum amount of energy load
- **Create specifications** for different kinds of buildings
- **Demonstrating business case** by implementing a project that is energy efficient

Way Forward

- Peer **consultations** for project
- Preparing a **ready reckoner** or guidelines for industry to retrofit buildings to make them more energy efficient
- Making the **business case** for energy efficient buildings
- **Site visit** to an Energy Efficient Building
- **Webinars** to help make your own buildings more energy efficient
- Implementing a **pilot project** to prove the concept