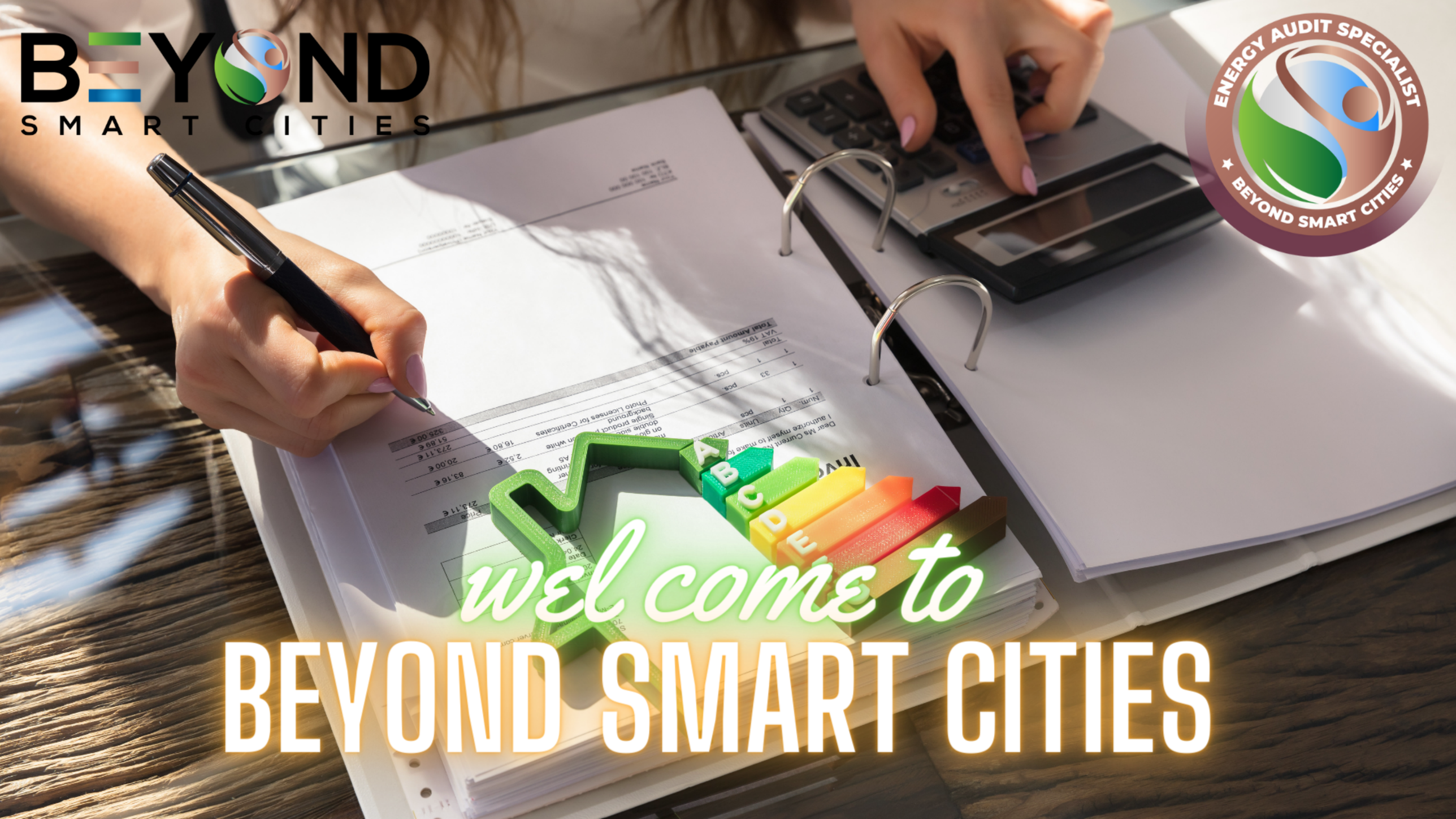
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BUILDING ENERGY ASSESSMENT
OVERVIEW
ONLINE PROFESSIONAL COURSES LED BY THE WORLD'S TOP SPECIALISTS
ONLINE TRAINING BY KRISHNAJI PAWAR
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001
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MODULE 7

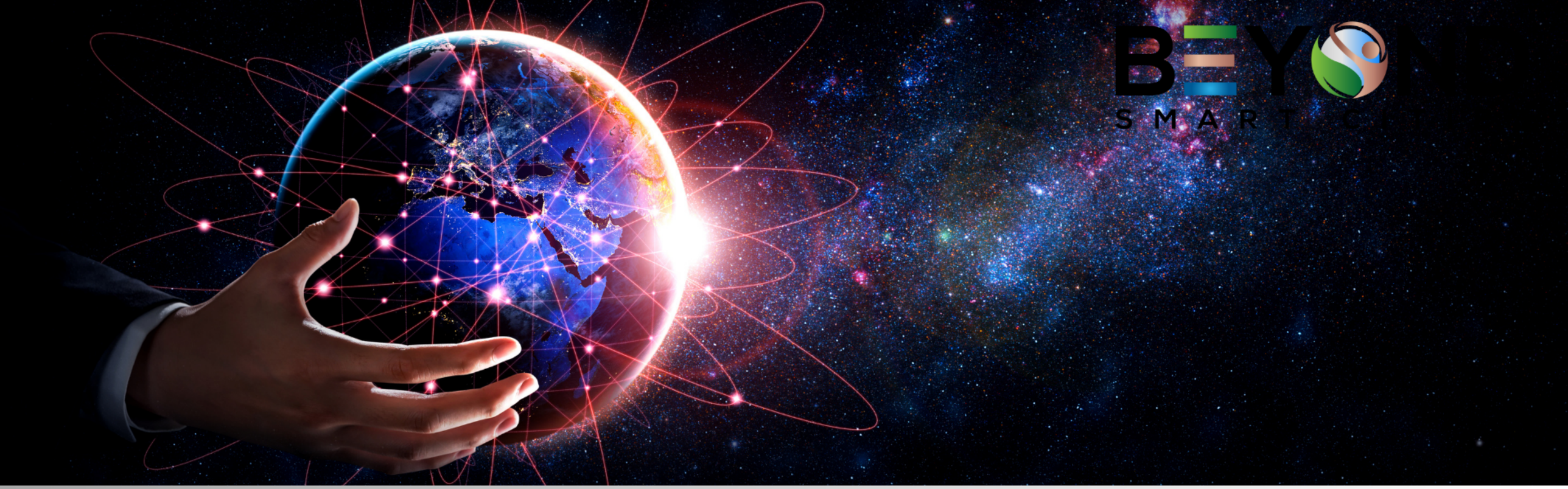
Summary and Resources

KRISHNAJI PAWAR - CEO & FOUNDER

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BUILDING ENERGY ASSESSMENT OVERVIEW

Energy audits are critical to infrastructure performance and sustainability. Our built environment must operate efficiently and reduce its environmental impact as resource constraints and climate change persist.

Learning Objectives

- Introduction
- Principles and Concepts of Energy Assessment
- Types of Energy Audits or Assessments
- Role of an Energy Auditor or Manager
- Energy Assessment and Audit Professional Certification
- Benefits of Energy Audits or Assessments
- Summary and Resources

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SUMMARY

- Energy Audits and Assessment Services at Beyond Smart Cities
- Comprehensive energy assessment required for net zero energy usage, certification, and cost reduction.
- Identifies flaws early in project planning and troubleshoots underperforming systems.
- Used to diagnose critical issues before significant renovations or repairs.
- Assessments vary based on facility's unique demands.
- Commercial or industrial facilities often apply to the entire structure.
- Evaluate facility as a whole and identify system improvements for efficiency, conservation, or cost.



WELCOME TO BEYOND SMART CITIES

Beyond Smart Cities is the world's 1st Green Technology Marketplace, connecting millions of Sustainability Specialists, Green Building Specialists, Energy Specialists, Commissioning Specialists, Environment Specialists, Health & Safety Specialists, Fire Safety Specialists, Climate Change Specialists & Green Products/Technology Manufacturers with independent talent around the globe.

Our mission is to build and support a global community of experts with the highest professional standards in sustainability, green building, energy, commissioning, environment, health & safety, fire safety, climate change, GHG accounting, carbon auditing, and GHG emissions management.

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BRIEF ABOUT ME

Krishnaji PAWAR

CEO & FOUNDER



Krishnaji Pawar is founder and CEO of Beyond Smart Cities. Before being named CEO in January 2020, Krishnaji held leadership roles at Beyond Smart Cities in both Sustainability ,Energy & Environmental Consultancy.

Specialized in developing sustainable design strategies for Green Building Certification Systems (LEED, GSAS, etc.), Energy & Water Conservation, Commissioning, Environmental Impact Assessment & Environmental Management Systems.

Currently responsible for 3,787 million square feet Green Building /Energy modeling Consulting since January 2008 in UAE, India and Qatar.

RESOURCES

- BEAP Candidate Guidebook Appendix A: Exam Blueprint; Appendix B: Job Task Analysis
- ASHRAE Procedures for Commercial Building Energy Audits, 2nd Edition
- https://www.ashrae.org/professional-development/ashrae-certification/certification-types/beap-building-energy-assessment-professional-certification/beap-resources
- https://learn.beyondsmartcities.in/courses/building-energy-assessment-professional-beap/
- https://beyondsmartcities.in/category/green-building-technology



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