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COMMISSIONING SPECIALIST
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COMMISSIONING PROFESSIONAL

ACP OVERVIEW

ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

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MODULE 5

Professional Certification in Building Commissioning

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LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

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COMMISSIONING PROFESSIONAL ACP OVERVIEW

Certifications are essential for work market commissioning experts and managers since they demonstrate experience, increase earnings, and establish trust in the business. They also exhibit a commitment to providing high-quality service and being up to date on new technologies.

Learning Objectives

- Course Overview and Introduction
- Definition and History of Building Commissioning
- Why is building commissioning needed?
- Building Commissioning Process Overview
- Professional Certification in Commissioning
- Cost and benefits of building commissioning
- Summary and Resources
- ACP Sample Exam Question

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INTRODUCTION

- Equips engineers with knowledge and skills for correct commissioning of technical systems.
- Responsibilities include testing, troubleshooting, and confirming system functionality.
- Covers topics like safety protocols, electrical theory, system design principles, troubleshooting techniques, and system installation procedures.
- Provides guidance on documenting results and generating performance metric reports.
- Requires thorough review of credentials, experience, and industry regulations.

COMMISSIONING TEAM ROLE IN CONSTRUCTION

- The commissioning team comprises various stakeholders during the construction process.
- Each project has a commissioning provider who manages and plans all commissioning activities.
- The team includes a Cx provider, client representative, architect, MEP designers, and contractors.
- The commissioning organization is adapted according to the complexity and quality expectations of the project.





COMMISSIONING TEAM ROLE IN CONSTRUCTION +



- Other stakeholders like green building consultants and manufacturers of critical components may also participate.
- The commissioning provider can be the client's, designer's, or contractor's representative or an independent third party company.
- The best approach depends on the complexity, type, and size of the project.
- For projects seeking LEED certification, the independent third party Cx provider is mandatory.

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COMMISSIONING PROVIDER SKILLS REQUIREMENT

- Maintains unbiased problem-solving and conflict resolution approach.
- Knowledge of HVAC systems, including design, control strategies, installation, operations, and maintenance.
- Experience in HVAC controls, including current technology.
- Practical background in field construction.
- Ability to organize specific activities into a coherent commissioning plan.
- Good communication skills, documentation proficiency.
- Experience in working with multidisciplinary teams.
- Familiarity with testing and balancing.



BCXA'S ACP CERTIFICATION PROGRAM

FOR THOSE WHO ARE STARTING THEIR JOURNEY IN THE COMMISSIONING PROFESSION OR THOSE WHO WISH TO DEMONSTRATE THEIR KNOWLEDGE OF THE COMMISSIONING PROCESS AS THEY INTERFACE WITH COMMISSIONING PROVIDERS OR PROJECT TEAMS.





BECOME AN ASSOCIATE COMMISSIONING PROFESSIONAL (ACP)



- ACP serves as a stepping stone for Cx Providers in the profession.
- After passing the ACP test, ACP can use their knowledge to commission projects using best practices.
- For other professionals, ACP demonstrates their knowledge of the Cx Process.
- Potential ACP recipients include those procuring and managing commissioning contracts, supporting commissioning on portfolio facilities, commissioning educators, operations personnel, and those enforcing code-required commissioning.

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ATTAINING THE ACP DEMONSTRATES:



- Gained knowledge and technical application of new construction commissioning process.
- Focused on professional growth and development.
- Enhanced professional credibility.
- Increased job opportunities.

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ASSOCIATE COMMISSIONING PROFESSIONAL

- The BCCB provides an objective and balanced certification awarding service. We adhere to transparent procedures based on ISO/IEC 17024:2012, which contains built-in checks to ensure the objectivity of certification activities.



acp

Associate Commissioning Professional Why Become an ACP? The Associate Commissioning Professional (ACP) can be a stepping stone to Cx Providers...

Building Commissioning Certification Board

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Attaining the ACP demonstrates:

- Gained knowledge and technical application of new construction commissioning process.
- Focused on professional growth and development.
- Enhanced professional credibility.
- Increased job opportunities.



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Benefits of the Certified Commissioning Professional (ACP) Exam Question Bank.

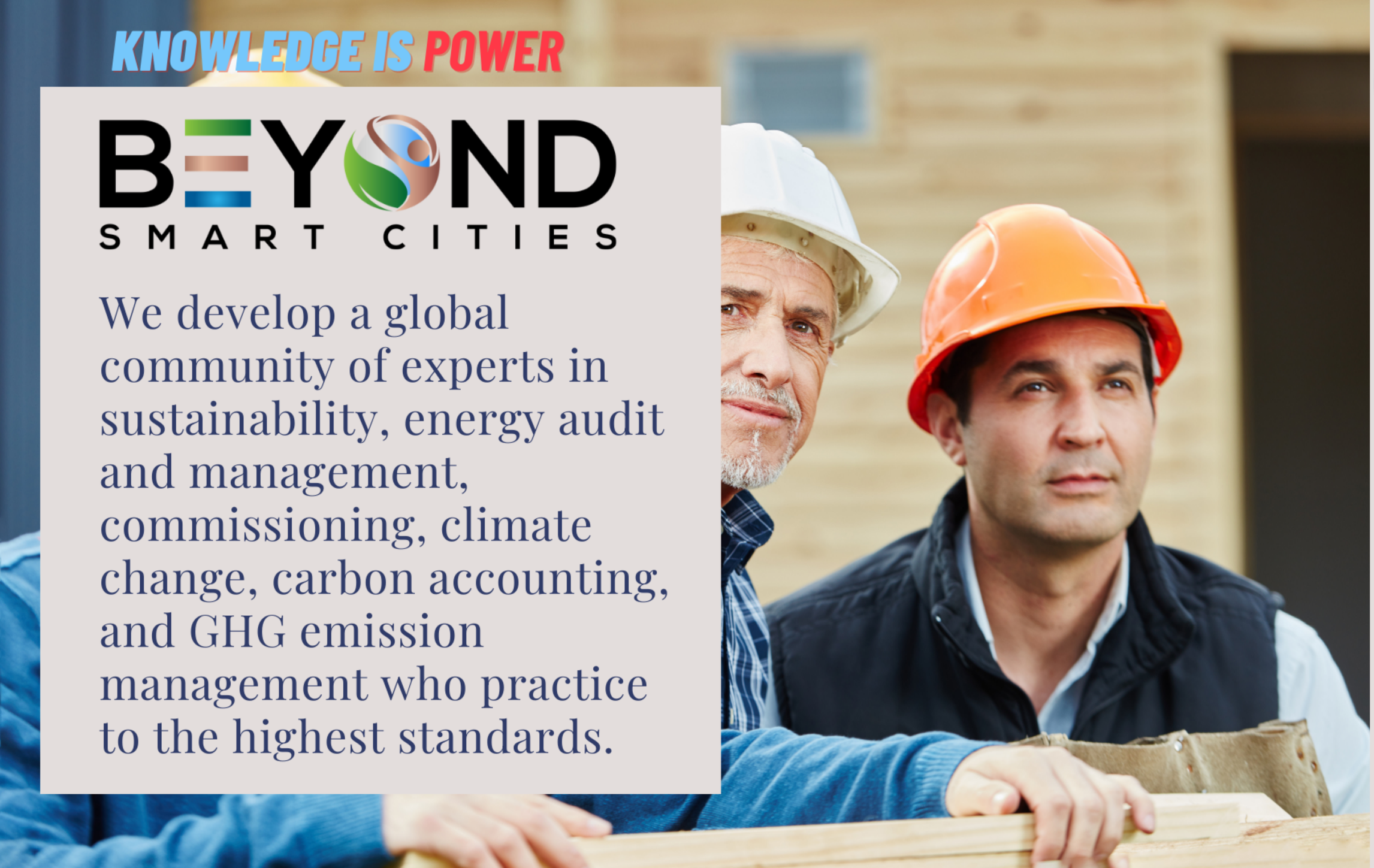
- Assessment of knowledge prior to final exam.
- Access to over 720+ NEW questions in 7+ Practice Tests.
- Understanding reasoning behind each question and answer.
- Simulation exams covering ACP Exam Knowledge Domains.
- Familiarization with building commissioning and terminology.
- High chances of passing exam on first attempt.
- Direct contact with course provider for further explanations.
- ACP Exam Flash Cards with over 108+ key terms.
- ACP_Engineering and HVAC design Equations for advanced learning.



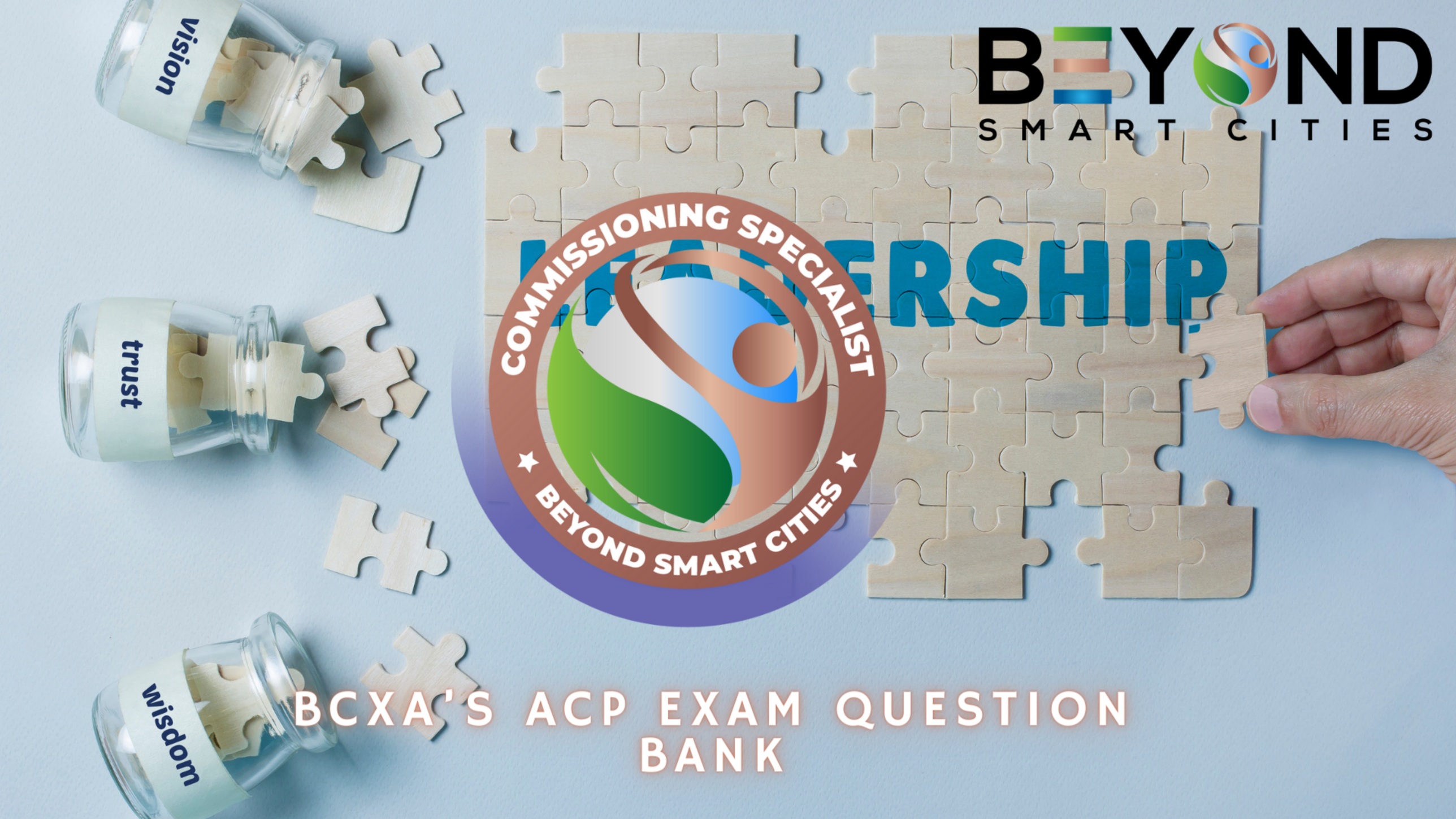
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We develop a global community of experts in sustainability, energy audit and management, commissioning, climate change, carbon accounting, and GHG emission management who practice to the highest standards.



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BCXA'S ACP EXAM QUESTION BANK

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THANK YOU

