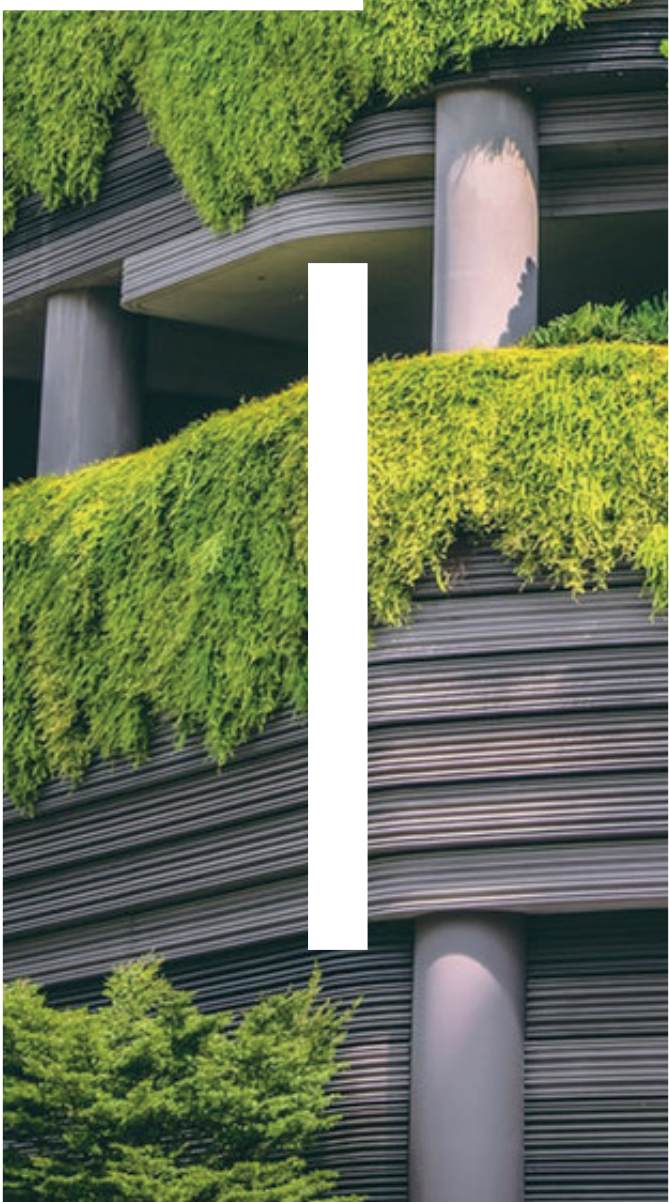
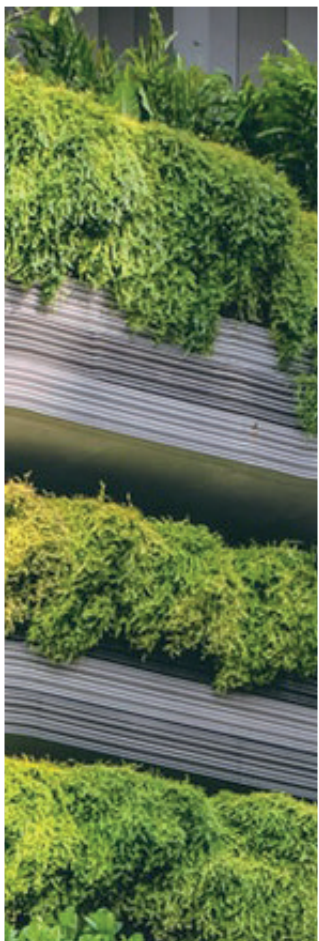


Architectural Technology

# Chartered Environmentalists







# Architectural Technology

An essential function of design



Heydar Aliyev Cultural Centre, Zaha Hadid Architects

Architectural Technology professionals are innovators creating and adapting environments for future generations to live, work and play.

## The discipline

**Architectural Technology is the technology of architecture; a creative, innovative design discipline rooted in science and engineering.**

It forms the link between design and realisation. At its core, is the anatomy and physiology of a building or structure, its relation to context, how it is assembled and how it performs through form, function and fabric.

Architectural Technology achieves efficient and effective construction and robust sustainable design solutions that perform and endure over time.

It is an evolving discipline with constant technological advancements in design, construction and the maintenance of living environments.

## Chartered Architectural Technologists

**Chartered Architectural Technologists are qualified to offer design services and manage projects from inception to completion. They lead the technological design of a project; forming the link between concept, innovation and realisation. They:**

- specialise in design, underpinned by building science, engineering and technology applied to architecture within projects, playing a pivotal role in project and design management;
- design and manage all project types from small scale to large commercial, industrial, residential and public projects; they range from being sole practitioners to working in multinational and multidisciplinary practices;
- work collaboratively with other professionals such as architects and engineers and are recognised on a par with all Chartered professionals in the built environment sector; and
- hold a valued, respected and regulated professional qualification and protected designation, which is transferable and recognised across borders and can only be awarded by the Chartered Institute of Architectural Technologists, whilst abiding by a set of professional ethics in the Institute's *Code of Conduct*.

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## Relevance and importance

**Architectural Technology as a key design function is necessary to achieve buildability, usability and create inclusive environments.**

The discipline encompasses the impact of social, economic, cultural, environmental, technological and political frameworks on the built and natural environment in an international context.

Architectural Technology considers health and safety, welfare and ethical issues, quality of life and social well-being. This ensures that the diverse needs and requirements of all are recognised and users can benefit from the building or space regardless of difference.

Architectural Technology professionals are innovators creating and adapting environments for future generations to live, work and play. They understand how materials and components behave and interact, which is critical to avoiding premature failure and ensuring quality standards of design and construction. They are key members of BIM and SMART building teams.



# Chartered Environmentalists

## Environmental best practice

The Chartered Environmentalist, CEnv qualification, is an internationally recognised standard of excellence for environmental practitioners who take the lead in managing environmental assets and play an important part in the goal of a sustainable world.

The qualification demonstrates a commitment to environmental best practice and a high degree of expertise in this field. Chartered Environmentalists work across industry, government, education and the public sector. It provides reassurance to a variety of stakeholders, such as the public, seeking expert knowledge; employers seeking competent employees; government seeking consultants or advice; and practitioners seeking credibility and professionalism.

Chartered Environmentalists have proven knowledge, experience and commitment to the environment and sustainability, and increasing recognition of the environmental challenges that the world faces which means that the role of the Chartered Environmentalist is more important than ever.

Chartered Environmentalists that have qualified through CIAT are also Chartered Architectural Technologists that have been assessed and subsequently qualified within the environmental sector.

Once qualified as a Chartered Environmentalist, Chartered Architectural Technologists are permitted to use the letters CEnv in addition to their designation MCIAT.

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## Society for the Environment

The Chartered Environmentalist qualification is awarded by the Society for the Environment (SocEnv), the leading and coordinating body in environmental matters and champion of a sustainable environment. The Society for the Environment is an independent and non-political umbrella organisation with over 7000 Chartered Environmentalists (CEnv).

CIAT is a Constituent Body member of the Society for the Environment and is required to promote the advancement of the dissemination of knowledge and education in good environmental practice for the public benefit. CIAT is licensed to award the designation Chartered Environmentalist to its Chartered Members.

## Qualifying as a Chartered Environmentalist



### Candidates need to:

- be a Chartered Member, MCIAT;
- have a relevant Master's level degree or equivalent level of knowledge;
- have sufficient, relevant and responsible practical experience to be able to demonstrate the competences listed below;
  - a. Application of knowledge and understanding of the environment to further the aims of sustainability.
  - b. Leading sustainable management of the environment.
  - c. Effective communication and interpersonal skills.
  - d. Personal commitment to professional standards, recognising obligations to society, the profession and the environment.
- demonstrate underpinning environmental knowledge and an ability to apply it in practice; and
- agree to comply with the Society for the Environment's Code of Ethics and the CPD requirements of CIAT.

To become a Chartered Environmentalist, candidates must have their competence assessed via a professional review process undertaken by CIAT.

A webinar created by the Society for the Environment on how to become a Chartered Environmentalist can be found on YouTube.





# Case study: Barry Ford MCIAT CEnv

Senior Architectural Technologist and  
an Associate at Byrom Clark Roberts Ltd

Barry Ford is a Senior Architectural Technologist and an Associate at Byrom Clark Roberts Ltd. Barry has thirty years' experience in the architectural profession and has been a Chartered Architectural Technologist for 22 years. Barry started to take a more serious interest in sustainable design when he was a member of an award-winning design team for a RIBA Sustainable School competition in 2001.

Since then, whenever possible, Barry has applied the principles of sustainable design to the projects he has worked on; discussing the possibilities with clients and design teams, and in the last few years he has worked on a number of buildings designed and detailed to Passivhaus standards.

When CIAT first announced its collaboration with the Society for the Environment which would enable members to become Chartered Environmentalists, it seemed a natural step for Barry to take and he is very proud to be amongst the first Chartered Architectural Technologists to gain the CEnv qualification in 2008.







## Finding a Chartered Environmentalist

If your project addresses the principles of sustainability and you want to achieve eco-friendliness, then a Chartered Architectural Technologist, MCIAT qualified as a Chartered Environmentalist, CEnv, will be able to work with you on your project, to achieve a unique and environmentally friendly project that meets your needs for a sustainable world.

You can find a Chartered Architectural Technologist who is a Chartered Environmentalist by visiting: [www.ciat.org.uk/find-a-practice/find-achartered-environmentalist.html](http://www.ciat.org.uk/find-a-practice/find-achartered-environmentalist.html)



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