



Turner & Townsend

Capability statement 执行能力陈述书

Education
教育

Contents 目录

Making the difference 创造与众不同的价值	1
Where we work 我们的足迹	2
What we do 我们的业务领域	5
Education Statement 教育板块陈述	7
Case studies 案例分析	13
Why Turner& Townsend 为什么选择特纳唐逊	17
Our business 我们的生意	18
Our growth 我们的发展	19
Contacts 联系方式	21

Making the difference 创造与众不同的价值

Market-leading

引领市场

We are a market-leading capital programmes professional services company trusted to drive better business outcomes for our clients across all sectors. With a heritage rooted in cost and commercial management we have a deep and tacit understanding of capital programmes, and apply this expertise to drive industry best practice and innovation.

作为深受信任的市场领先的资本项目专业化服务公司，我们旨在帮助所有领域的客户取得更佳的商业表现。我们深耕于成本和商业管理，深谙资本项目的运行之道，并运用专业知识推动行业最佳实践的发展，实现变革。

Independent

独立机构

With complete independence from the supply-chain, we put client's interests first, protecting you by providing an un-conflicted and uncompromised service to solve your specific challenges.

作为一家完全独立于供应链之外的公司，我们将客户利益放在第一位，提供非冲突性和非折中性的服务，确保解决您的具体问题。

Trusted partners

值得信赖的合作伙伴

We turn data into insights to confidently make informed decisions faster, achieving higher levels of performance and minimising risk for our clients.

我们在数据中得出见解，所以有信心能很快地做出明智的决策，从而将客户的风险最小化并实现更好的业绩。



Where we work 我们的足迹

Global expertise delivered locally

全球专业 服务本地

We are one global business providing a consistent quality of service to deliver great outcomes for your projects, wherever they are.

我们是一家全球化的公司，可为全球各地的客户提供始终如一的服务，交付优质的项目成果。

Operating in over 130 countries around the world, our teams work together to tackle projects collaboratively to a common set of high standards to make sure you see results quickly.

业务范围覆盖全球 130 多个国家，我们的团队相互协作，共同按照统一的高标准处理项目，确保您在短时间内就可以看见成效。

As we continue to grow our footprint we transfer knowledge between people, regions and sectors. This extensive knowledge and global experience helps us to think and innovate ahead of the market to deliver the best outcomes for our clients.

随着我们不断地扩大业务版图，我们在不同的人、地区及领域间传递知识。丰富的知识及全球化的经验可以让我们采取领先于市场的思维，并率先开始变革，向客户交付最佳的成果。

North America (19) Calgary, Chicago, Denver, Edmonton, Fort Worth, Houston, Los Angeles, Miami, Mountain View, Nashville, New York, Ottawa, Phoenix, San Francisco, Seattle, Tampa, Toronto, Vancouver, Washington DC

北美 (19) 卡尔加里，芝加哥，丹佛，埃德蒙顿，沃斯堡，休斯敦，洛杉矶，明尼阿波利斯，山景城，纳什维尔，纽约，渥太华，凤凰城，旧金山，西雅图，坦帕，多伦多，温哥华，华盛顿特区

Latin America (7) Bogota, Buenos Aires, Lima, Mexico City, Rio de Janeiro, Santiago, São Paulo

拉丁美洲 (7) 波哥大、布宜诺斯艾利斯、利马、墨西哥城、里约热内卢、圣地亚哥、圣保罗

UK and Ireland (18) Aberdeen, Bath, Belfast, Dublin, Birmingham, Bristol, Cambridge, Cardiff, Edinburgh, Glasgow, Leeds, London, Manchester, Newcastle, Nottingham, Reading, Sheffield, Teesside

英国 (18) 阿伯丁、巴斯、贝尔法斯特、伯明翰、布里斯托尔、剑桥、卡迪夫、都柏林、爱丁堡、格拉斯哥、利兹、伦敦、曼彻斯特、纽卡斯尔、诺丁汉、雷丁、谢菲尔德、提塞德

Europe (20) Amsterdam, Atyrau, Basel, Berlin, Frankfurt, Hamburg, Istanbul, Krakow, Madrid, Milan, Moscow, Munich, Paris, Rome, St Petersburg, Stavanger, Stockholm, Vienna, Warsaw, Zurich

欧洲 (20) 阿特劳、阿姆斯特丹、巴塞尔、柏林、汉堡、法兰克福、伊斯坦布尔、克拉科夫、马德里、米兰、慕尼黑、莫斯科、巴黎、罗马、圣彼得堡、斯塔万格、斯德哥尔摩、维也纳、华沙、苏黎世

Africa (9) Cape Town, Dar es Salaam, Durban, Gaborone, Harare, Johannesburg, Kampala, Nairobi, Maputo

非洲 (9) 开普敦、达累斯萨拉姆、德班、哈博罗内、哈拉雷、约翰内斯堡、坎帕拉、马普托、内罗毕

Middle East (6) Abu Dhabi, Doha, Dubai, Muscat, Dammam, Riyadh

中东 (6) 阿布扎比，达曼，多哈，迪拜，马斯喀特，利雅得

Asia (16) Bangalore, Beijing, Ho Chi Minh City, Hong Kong, Jakarta, Kuala Lumpur, Macau, Manila, Mumbai, New Delhi, Seoul, Shanghai, Shenzhen, Singapore, Tianjin, Tokyo

亚洲 (16) 班加罗尔、北京、胡志明市、香港、雅加达、吉隆坡、澳门、马尼拉、孟买、新德里、首尔、上海、深圳、新加坡、天津、东京

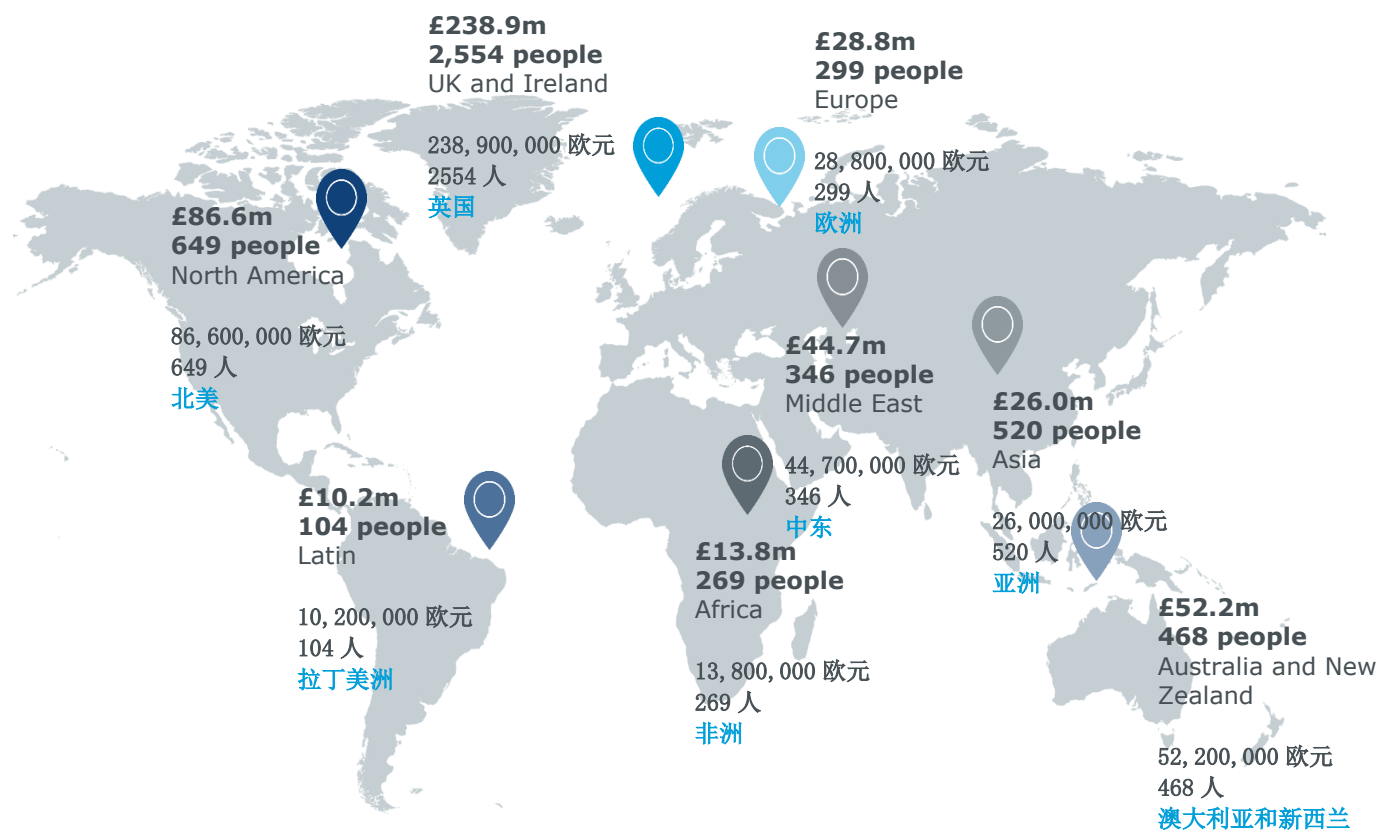
Where we work 我们的足迹

Australia and New Zealand (13) Adelaide, Auckland, Brisbane, Cairns, Canberra, Christchurch, Darwin, Gold Coast, Melbourne, Perth, Nadi, Sydney, Townsville

澳大利亚和新西兰(13) 阿德莱德、奥克兰、布里斯班、凯恩斯、堪培拉、基督城、达尔文、黄金海岸、墨尔本、珀斯、纳迪、悉尼、汤斯维尔

Total (108)

总计 108 个城市



Where we work 我们的足迹

Our China footprint

中国区足迹

Turner & Townsend has been active in China since 1996 and have offices in Shanghai, Beijing, Shenzhen, Macau, Tianjin and Hong Kong. We have delivered more than 1000 projects in over 81 locations across China, including Haikou, Hong Kong, Urumqi, and Harbin.

特纳唐逊自 1996 年进军中国市场以来，一直在积极发展业务，并且已经在上海、北京、深圳、澳门、天津和香港设立办事处。我们已经在海口、香港、乌鲁木齐和哈尔滨等 81 个中国城市完成了 1000 多个项目。

We help clients to deliver inward investment projects as varied as hi-rise commercial and/or mixed use developments, automotive and food retail roll-out programmes, semiconductor plants, manufacturing facilities, warehouses, head office buildings, rare earth metals foundries, research and development campuses, and consulate and embassy buildings. We also work on large scale development projects in China and overseas with Chinese multinationals.

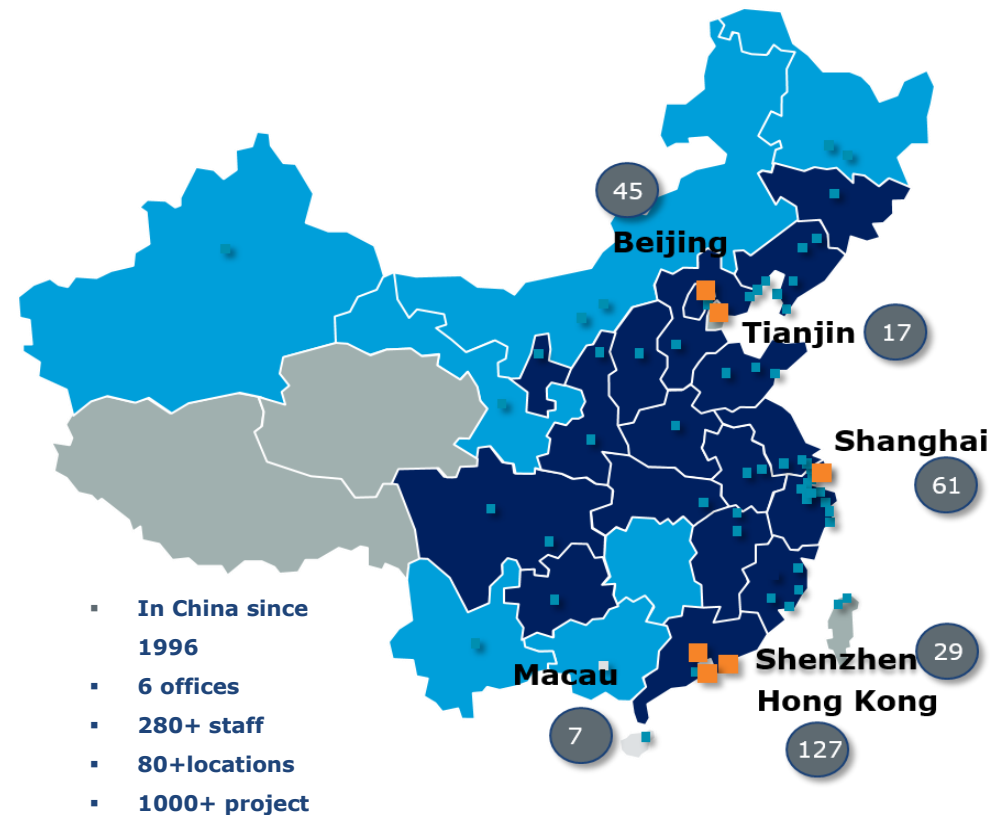
我们帮助客户完成各种对内投资项目，如商业及综合大楼开发、汽车及食品零售推广项目、半导体工厂、生产设施、仓库、总部大楼、稀土金属铸造厂、研发园区、领事馆和大使馆建筑。我们还与中国的跨国公司合作完成中国和海外的大型开发项目。

The breadth and depth of this experience has given us a comprehensive understanding of the complexities of investment and development in China, and an equally invaluable database of supply chain, cost benchmark data and other construction industry information across China.

广泛和深入的经验使得我们更加全面地了解在中国进行投资和开发的复杂性，同时我们还建立了有关供应链、成本基准数据和中国其他建筑行业信息的宝贵的数据库。

We are one global business providing a consistent quality of service to deliver great outcomes for your projects, wherever they are.

我们是一家全球化的公司，可为全球各地的客户提供始终如一的服务，交付优质的项目成果。



What we do 我们的业务领域



Our services cover the full spectrum of programme management requirements, from advisory to project delivery to post-project operational readiness, and support the full range of stakeholders in complex programmes.

我们的服务囊括了项目管理各方各面的要求，从咨询、项目交付到后期运营准备，并且可以为综合项目中的所有利益相关方提供支持。

We take ownership of the performance agenda throughout, always looking for better ways to improve our client's financial and contractual position.

我们全程掌握项目履行进度，坚持不懈地寻找更好的方法，改善客户的财务及合同状况。

Our depth of experience enables us to fully understand the challenges, plan for the desired outcomes, access the right capability, manage ambiguity, and continually apply data and insights to inform decision-making.

丰富的经验将有助于我们充分理解问题，规划预期成果，获得相匹配的能力、管理分歧，并且持续运用数据和理论来指导决策过程。

Programme strategy and set up

项目战略和启动

Setting up for success – building the right capabilities and execution plan to drive clear programme outcomes.

成功启动——建立正确的能力和执行计划，形成明确的项目成果。

Programme management

项目管理

Looking at the big picture, driving better overall outcomes, and having real confidence your programme is under control.

从大局出发，推动更好的整体成果，对项目的掌控有十足的把握。

Project management

专案管理

Delivering project success through effective planning, the right team and rigorous controls.

通过有效的规划、合适的团队和严格的控制实现项目的成功。

What we do 我们的业务领域

Cost and commercial management

成本和商业管理

Driving and safeguarding your commercial interests from start to finish.

自始至终确保并提升您的商业利益。

Procurement

采购

Developing and delivering procurement and supply chain strategies that get the best results from the market.

开发和交付可从市场中获得最佳成果的采购及供应链战略。

Controls and performance

控制和绩效

Applying robust and pro-active controls from a clear baseline to deliver confidence in programme and project performance.

基于明确的基线标准，应用稳健和前瞻性的控制，树立客户对方案和项目履行的信心。

Safety, health and quality

安全、健康和质量

Embedding the strategies and culture that support effective operations and maintain a safe and healthy environment.

采纳能够支撑有效运作并维持安全健康的环境的战略和文化。

Technology and data

技术和数据

Unlocking the potential of technology, data and information modelling to drive performance, support great decision-making and create collaborative working environments.

挖掘技术、数据和信息模式的潜能，推动项目履行，支持重大决策制定，并创造协同工作环境。

Advisory

咨询服务

Independent advice to help make your business and investments a success.

独立的咨询服务帮助您企业和投资取得成功。

Education Statement 教育板块陈述

Our understanding

我们的运作流程

Recognition of the Importance of Educational Institutions

对教育机构重要性的认识

Learning institutions are shaped by, and in turn help to shape, the cultures in which they exist. They play a role as establishments that form and inform citizens, leaders and decision-makers of today and tomorrow through teaching and research initiatives. They are also important organizations within local communities and drive regional economic development – as service users and providers, employers and purchasers.

学习机构与其所处的文化相辅相成。这些机构通过教学及研究项目，塑造并影响一代又一代的公民、领导者和决策者。同时他们也是当地社区的重要组织，作为服务的使用者和提供者，雇主和购买者，推动区域的经济的发展。

The Educational Environment

教育环境

Changing social habits, cultural factors and technologies are resulting in new ways of living and learning. Creating spaces that reflect this evolution requires visionary planning, adaptability and flexibility.

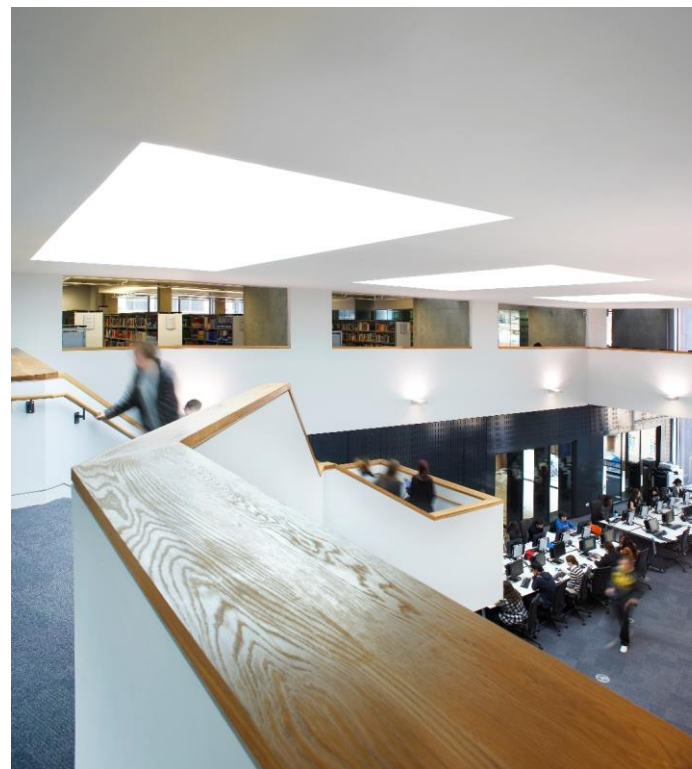
社会习惯、文化因素及技术的变革正在形成新的生活和学习方式。创建能够体现这种演变的空间，需要长远的规划，适应性和灵活性。

Turner & Townsend understands the importance of how students and staff use buildings, their sense of ownership and the way the built space supports and enhances the learning environment.

特纳唐逊了解学生和教职工如何使用建筑，他们的归属感以及建筑空间支持和提升学习环境的方式。

For institutions to be successful, an integrated approach to planning and design is required. Effective organizations will coordinate their facility planning with their education program, process planning and technology selection, to reinforce their long-term service delivery strategy.

教育机构的成功需要综合的规划和设计方法。有效的组织将会把他们的设施规划与他们的教育计划，工艺规划和技术选择统一起来，巩固他们的长期服务战略。



Our value-based approach

以价值为导向的方法

To facilitate project productivity, value for money and, service quality, our value-based approach focuses on the following:

为提升项目效率，货币使用价值和服务质量，我们以价值为导向的方法着重于以下方面：

- Verifying alignment of the overall design with the client's objective
确认整体设计符合客户目标。
- Projecting future utilization and differentiating between actual space needs and wish lists
计划未来的使用情况，并区分实际的空间需求与愿望清单之间的差异；
- Confirming the design meets client's requirements
确认设计符合客户要求；
- Reviewing functional requirements related to the interaction of technology, space usage, operational requirements and processes
审核与技术互动、空间利用、操作规定及流程有关的功能性需求。
- Preparing and evaluating master plans and design concepts
准备并评估总体规划和设计理念。
- Ensuring the circulation of people and deliveries are efficient
确保人员沟通顺畅，项目高效运作。
- Optimizing design solutions (or suggesting alternatives)
优化设计方案（或提供备选方案）
- Investigating alternatives to achieve best value for money
审核备选方案以实现最佳资金价值。

To achieve these objectives, it is important to appreciate the highly progressive nature of emerging educational standards. To promote creative learning in an educational environment, attract and retain high quality staff and optimize life-cycle costs, requires the project to accommodate the principles of:

为了实现这些目标，必须意识到教育标准会不断提升的本质。为了改善教育环境中的创造性学习，吸引和保留高素质员工，并优化生命周期成本，项目必须遵循以下原则：

- Flexibility and adaptability
灵活性与适应性
- Accessibility and openness
可达性与开放性
- Optimization of natural light
优化自然光线
- Functional interiors
功能性内饰
- Co-location of common facilities
公用设施的合作办公
- Generic in concept
通用概念
- Interaction of users
用户交流
- Operational efficiency
运营效率
- Safety and security
安全与安保

Education Statement 教育板块陈述

- Longevity of use (future-proofing)

使用寿命（适应未来发展）

- Shared support facilities

共享配套设施

Providing accurate cost advice, along with a detailed understanding of service delivery imperatives, is fundamental to the success of a project. Our cost managers bring years of experience to this process of providing a robust cost plan that reflects best value and incorporates risk assessments. In major educational facilities, operational costs often exceed the initial investment of renovation and new construction within a few years. Therefore we always place a strong focus on cost benefit analyses.

提供精确的成本咨询和服务交付事项的详细说明，这是项目成功的基础。我们的成本经理利用多年的经验，提供能够体现最高价值并包含风险评估的成本计划。对于重要的教育设施，往往在短短几年内，运营成本就会超过翻修和新建的初始投资。因此我们将持续关注成本效益分析。

This approach should be an ongoing consideration throughout the delivery process and not something that occurs only at certain milestones. Doing this will lead to a significant reduction in overall project risk, in particular, risk of change orders and legal claims, risk of later obsolescence, and the risk of sub-optimal processes resulting in additional business costs.

该方法应当贯穿整个交付流程，而不仅仅出现在某些特定的时间节点。这样做会大大降低总体项目风险，尤其是订单变更和法律索赔的风险，后期废弃的风险，以及导致额外的企业成本的次优流程的风险。

Turner & Townsend's significant regional and international experience in the education sector enables us to help clients' manage projects of any size and complexity on time and to budget. We work with you to deliver projects that meet current service delivery standards, are functionality

and operationally efficient and provide excellent value for money in terms of capital and recurrent costs.

特纳唐逊在不同区域和国家获得的教育领域的重要经验，使得我们能够帮助客户按照时间和预算要求，管理任何规模的复杂项目。我们可与您携手打造符合现有的服务交付标准的项目，确保项目功能齐全，高效运转，并在资金和经常性费用方面确保较高的资金价值。

Our Strengths

我们的优势

We believe the major strengths we can bring to your organization include:

我们相信我们能给您的公司带来如下主要优势:

- A project team with a proven track record and unrivalled experience in the Education sector globally
项目团队拥有国际教育领域的良好口碑，还有不可媲美的经验。
- A mature programme management offering developed for the Higher Education sector
专为高等教育行业开发的成熟的项目管理。
- Significant expertise working at locations requiring uninterrupted operational continuity
在需要不间断持续运作的工作场所方面，拥有丰富的专业经验。
- Preparing or supporting funding/lending applications because we understand the funding requirements and protocols that exist for all the major lenders in the Educational sector
筹备或支持融资和贷款申请，因为我们清楚地了解教育领域主要贷款人的融资要求和协议。
- Business planning expertise, providing a thorough understanding of the current operating environment and formulation of strategies of educational entities
专业的业务规划，提供对当前运营环境的全面分析并为教育企业制定战略。
- Extensive sector benchmarking data and shared knowledge to ensure demonstrable value for money and continual improvement with subsequent projects.
大量行业对比数据和共享知识，确保物有所值，以及后续项目的持续改进。

- A suite of integrated sustainability products & services which combine project delivery, whole life value and organisational change management to provide a connected solution

一套完整的持续性产品和服务，结合项目交付、整个生命周期的价值和组织变革管理，提供相关的方案。

- A systematic approach to management exemplified by our Business Management System.

系统的管理方法，例如我们的商业管理系统。

- Experience of all functional building types within the Higher Education sector including teaching facilities, research space, social and learning facilities, offices, laboratories, auditoria, student residential accommodation and sports facilities.

涉及高等教育领域内的所有功能性建筑类型，包括教学设施、研究空间、社交和学习设施、办公室、实验室、礼堂、学生宿舍和体育设施。

We have a detailed understanding of the processes relating to the procurement of Higher Education facilities. Our knowledge has been gained through extensive experience in delivering successful projects. The following issues are typically faced by Universities wishing to develop their Estate:

我们深谙与高等教育设施采购有关的流程。我们通过成功交付各种项目，积累了丰富的专业知识和经验。下列问题希望开发地产的大学经常会碰到的：

- **Funding** - The remaining uncertainty of the current global economic climate applies pressure on University finance and has created a need to find new funding sources. Each of these sources carries different requirements which impact on the type of development planned and its associated risk and time profile.

资金——目前，全球经济形势尚不明朗，给大学的财务带来了压力，它们需要寻找新的资金来源。每种来源都包含不同的要求，影响所计划的开发类型，相关的风险和行程安排。

- **Diversity of Stakeholders** - The Higher Education sector is unique in the number and influence of stakeholders involved in its development projects. These need to be identified, understood and managed to ensure that schemes are delivered successfully.

众多的利益相关方——高等教育领域的开发项目所涉及的利益相关方在数量和影响力方面具有特殊性。需要识别、分析和管理这些利益相关方，确保方案成功实施。

- **Operational Continuity** - Many development projects are carried out in operational environments. It is vital that the correct procurement route and design solution are found to ensure operational continuity and the safety of all involved.

运作连续性——许多开发项目是在继续运作的情况下完成的。必须制定正确的采购途径和设计方案，保证运作的连续性和所有参与方的安全。

- **Specialist Spaces and Facilities** - The demand for specialist spaces and facilities, such as laboratories, lecture theatres and learning & resource centres continues to be high. Each have their own specific functional requirements which must be carefully understood to ensure the correct design solution is achieved.

专业空间和设施——专业空间和设施包括实验室，学术报告厅和学习资源中心等，都有很高的要求。此类设施均具有自身特定的功能性要求，需要认真理解才能保证制定正确的设计方案。

- **Flexibility** - There is also a growing demand for flexible spaces such as teaching rooms, seminar rooms and social learning facilities. Flexibility can come at an initial cost and it is vital that the lifetime benefits of the flexibility are accounted for when assessing the requirements and functionality of the spaces concerned.

灵活性——灵活空间的需求也在增加，如教室、研讨教室还有社交学习设施。灵活性的要求可包含在初始成本内，在评估灵活空间的要求和功能性时，需考虑到其整个生命周期所带来的益处。

- **Estates Rationalisation** - Many Universities and Colleges are carrying out estates rationalisation programmes to consolidate their facilities and release funding for further developments. This requires many

specialist skills such as property advice, planning consultancy and long term strategic programme management.

不动产合理化——许多大学和学院正在采取不动产合理化，整合现有设施，为进一步发展提供资金保障。但这需要诸多专业技术，比如地产咨询、规划建议和长期的项目战略管理。

- **Sustainable Development** - The need to reduce carbon use and emissions represents a risk and opportunity to the Higher Education sector. More than most this sector is at the forefront of the sustainability challenge where it influences decision making at the very highest levels. It must be therefore factored in to core business planning & business objectives to optimise results.

可持续发展——减少碳使用和排放的要求是高等教育部门所面临的风险，同时也是机遇。相对大多数其他领域而言，该领域正处于可持续性发展的前沿，它影响着最高级别的决策。因此，必须将其纳入核心业务规划及业务目标，以优化结果。

- **Developments in Methods of Pedagogy** - Development in the methods of teaching and learning will impact on the University of the future. Business cases and real estate decisions will need to be aligned with such developments.

教育方式的发展——教学和学习方式的发展将会影响大学的未来。商业案例和不动产决策需要与这些发展保持一致。



Safeguarding Clients Commercial Interests

维护客户的商业利益

We recognise the nature of the role designated to Project Managers and Cost Managers and our responsibility for advising on, directing, controlling and co-ordinating all aspects of the project on any commission. Turner & Townsend are committed to providing managed services to clients who ensure that they:

我们认识到项目经理和成本经理所起到的作用，以及接受委托后，我们在建议、指导、控制和协调项目所有方面的责任。特纳唐逊旨在向客户提供管理服务，确保他们能够：

- Achieve their project within their allocated budget allowance and timescales

在其既定的预算和时间表内完成项目。

- Maximise the value of their investment

投资价值最大化

- Minimise the risk.

风险最小化

Early Appraisal of the Project

项目的前期评估

Our philosophy is to quickly grasp the goals of the project and understand the factors affecting it. Close working relationships with the University and other members of the design team at the outset of a project helps us to provide the most effective advice. Early implementation of management and control procedures promotes the design team's awareness of the need to design within budget and to programme throughout the duration of the project.

我们的理念是快速掌握项目的目标，了解影响项目的因素。在项目开始时，与学校和设计团队的其他成员保持密切的工作关系，这有助于我们提供最有效的建议。在项目前期实施管理和控制进程，促使设计团队认识到在整个项目期间按照预算和方案进行设计的必要性。

Case studies

Nottingham Ningbo University



Client 客户

The University of Nottingham
诺丁汉大学

Value 价值

RMB 300m
3 亿元人民币

Programme 工期

2004.4 – 2005.9

Appointment duration 预计工期

2004.4 – 2005.9

Client's requirements 客户需求

The University of Nottingham in Ningbo was the first Sino-Foreign University to gain approval from the Chinese Ministry of Education.

宁波诺丁汉大学是第一所获得中国教育部批准的中外大学。

The university required an independent representative on site; to work alongside their joint venture partner to coordinate and project manage the fitting out of the administration building, the teaching building, the student services building, the auditorium, sports facilities and the island villas. Turner & Townsend acted as the commercial and project management team on site.

大学要求施工现场有独立代表；能够与他们的合资伙伴一起协调和项目管理管理大楼，教学楼，学生服务大楼，礼堂，体育设施和岛屿别墅的装修。特纳唐逊在现场担任商业和项目管理团队。

Our contribution 特纳唐逊的贡献

Turner & Townsend's responsibilities included:

特纳唐逊的责任有以下：

- Fitting Out Project Management;
完成项目管理；
- Co-ordination of the end users requirements with base building consultant teams;
最终用户要求与基础建设顾问团队的协调；
- Consultation and capturing of the end users interior design and fitting out requirements;
咨询和捕获最终用户的室内设计和装修要求；
- Review of the base building design and obtaining approval from client and sign off for construction;
审查基础建筑设计并获得客户的批准并签字施工；

-
- | | |
|---|--|
| ▪ Fitting out cost management;
完成成本管理; | ▪ Interior Concept Design;
室内概念设计; |
| ▪ Preparation, calling, evaluating and awarding fitting out work packages contracts;
准备, 调用, 评估和授予装配工作包合同; | ▪ Conceptualisation and provision of interior concept design for the client's comments and sign off;
根据客户的评论和署名, 进行概念化和提供室内概念设计; |
| ▪ Preparation of the fitting out budget and controlling the fitting out change order cost.
准备装修预算并控制装修变更单成本。 | ▪ Provision of interior space planning design base on client space standard, adjacency requirement and appointment;
根据客户空间标准, 邻接要求和预约提供内部空间规划设计 |
| ▪ Construction Management;
施工管理 | |

Making the difference 创造非凡的价值

- Review of sub-contractor workshop drawings, providing comments and obtaining sign off for construction;
审查分包商车间图纸, 提供意见并获得施工签字;
- Presentation and explanation of the mock up samples to the client to obtain sign off for construction;
向客户介绍和解释模拟样品以获得施工签收;
- Supervision of the fitting out works on site;
现场监督装修工作;

Case study

Shan Dong Culture Industrial Occasional College



Client 客户

Glasgow Caledonian University
格拉斯哥卡利多尼亚大学

Size 规模

400,000 m²

Programme 工期

December 2007-January 2008
2007 年 12 月至 2008 年 1 月

Appointment duration 预计工期

December 2007-January 2008
2007 年 12 月至 2008 年 1 月

Client's requirements 客户需求

Carry out a field visit and provide a Project Status Report on the ongoing development in terms of technical, schedule and project management.

进行实地考察，并就技术，进度和项目管理方面的持续发展提供项目状态报告。

The design and construction of the new campus will be required to achieve the GCU's functional, technical and quality standards.

新校区的设计和建设将需要达到 GCU 的功能，技术和质量标准。

Our contribution 特纳唐逊的贡献

Conducted a two day visit to Peng Lai City, Shan Dong Province.

对山东省蓬莱市进行为期两天的访问。

- Provide a Project Status Report;
提供项目状态报告;
- Review project approval status;
审查项目批准状态;
- Review and comment on progress on site;
审查并评论现场进展;

- Review and highlight key university facilities including the fit out; mechanical and electrical systems; IT systems, and support infrastructures, provide commendations on those areas of particular concern;

审查并突出重点大学设施，包括装修；机电系统；信息技术系统和支持基础设施为特别关注的领域提供了表彰；

- Highlight any other issues including quality of construction; health and safety during construction; facilities management and those relating to schedule;

突出显示任何其他问题，包括施工质量；施工期间的健康和安全；设施管理和与时间表有关的；

- Design overview, Area of concern and recommendations;

设计概述，关注领域和建议；

Provide Turner & Townsend's opinions in respect of the following questions:

就以下问题提供特纳唐逊的意见：

- Will phase 1 be complete on time to receive new student?
第 1 阶段是否能按时完成接收新生？
- Will Phase I be able to accommodate a planned first intake of 200 students?
第一阶段是否能够容纳计划的第一批 200 名学生？

- When will the whole development be complete?
整个开发什么时候完成？
- When will the whole development be complete?
整个开发什么时候完成？

Project date

- Total Land Area: 530,000sqm
土地总面积：530,000 平方米
- Gross floor area: 400,000sqm
总建筑面积：400,000 平方米
- Area for educational facilities: 204,000sqm
教育设施面积：204,000 平方米

Why Turner& Townsend 为什么选择特纳唐逊

Adding value

增加价值

A global perspective-we have established a variety of communication mediums so our teams around the world can communicate effectively, allowing our clients to benefit from a global solution and global consistency of approach.

全球视野——我们已经建立了多种沟通媒介，使我们的团队在世界各地能够有效沟通，让我们的客户受益于全球解决方案和全球一致性的方法。

An end-to-end solution-our expertise spans all stages of the lifecycle of a capital project, allowing our clients to benefit from a holistic and fully integrated service.

端到端的解决方案——我们的专业知识跨越了资本项目的生命周期的所有阶段，让我们的客户受益于一个整体的和完全一体化的服务。

A knowledge based approach-our approach to data capture, interpretation and analysis allows our clients to benefit from data and knowledge that is relevant to their needs.

以知识为基础的方法——我们的数据采集，解释和分析的方法，使我们的客户受益于与他们的需要相关的数据和知识。

A flexible team-we have experience in building bespoke delivery teams to service major projects all around the world, allowing our clients to benefit from a combination of global expertise and local knowledge, wherever their project is.

灵活的团队——我们拥有在建造定制化交付项目方面经验丰富的团队，可以服务于世界各地的重大项目，让我们的客户受益于全球专业知识和当地知识的组合，无论他们的项目是什么。

A client centric approach-we build solutions that are tailored to the individual needs of our clients. We take the time to understand your processes, systems, culture and objectives to make sure our solutions remain relevant.

以客户为中心的方法——我们可以构建适合客户个性化需求的解决方案。我们将花费大量时间了解您的过程、系统、文化和目标，以确保我们的解决方案的相关性。

"Turner & Townsend have been very reliable cost consultants working on our Faculty of Medicine...I can confirm we intend to use them again and could recommend them to others."

Angus Stephen—Assistant Director of building projects, Imperial College London

特纳唐逊是我们医学院非常可靠的成本顾问……我一定会再次与他们合作，并会推荐给其他人。

Angus Stephen——帝国理工学院建筑工程副主任

Our business 我们的生意

We are an independent professional services company specialising in programme management, project management, cost and commercial management and advisory across the real estate, infrastructure and natural resources sectors. 我们是一家独立的专业服务公司，专门从事项目管理，成本和商业管理，以及不动产、基础设施和自然资源领域的咨询服务。

With 108 offices in 45 countries, we draw on our extensive global and industry experience to manage risk while maximising value and performance during the construction and operation of our clients' assets 我们在 45 个国家设有 108 个办事处，利用我们广泛的全球和行业经验，在管理风险的同时，在客户资产的建设和运营过程中实现价值和绩效最大化



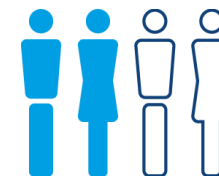
108

offices 办事处



45

countries 国家



5,209

people 人员



£549m

turnover 营业额



94

languages (including sign languages) 语言



1946

established 已完成

Our growth 我们的发展



£549m

turnover 营业额



£56m

operating profit 营业利润



5,209

people 人员



Awards

获奖情况

Selected recent international awards include:

近期获得的国际奖项包括:

- **Construction Excellence SECBE Awards 2018**
Innovation Award
阿姆斯特丹创新大奖评选
- **ACE Awards 2018**
2018 年度 ACE 大奖
Best UK business performance for large firms
英国大型企业最佳经营业绩奖
- **MEED Awards 2018**
National Education Project of the Year
年度国家教育项目
- **Association of Project Management Awards 2018**
2018 项目管理协会奖
Project of the Year: Engineering, Construction and Infrastructure
年度工程: 工程、建筑和基础设施
- **Royal Institution of Chartered Surveyors Awards 2017**
2017 英国皇家特许测量师学会奖
Zoe King, Young Surveyor of the Year
Zoe King, 年度青年测量师
- **ACE European Awards 2017**
2017 欧洲 ACE 奖
Patricia Moore, Sterling Award
Patricia Moore, 斯特林奖
- **Building Awards 2017**
2017 建筑奖
Vincent Clancy, CEO of the Year
Vincent Clancy, 年度首席执行官
- **South African Planning Institute Awards 2016**
2016 南非规划研究院奖
Prestigious Planning Award, Ekurhuleni Or Tambo Aerotropolis Master Plan
杰出规划奖, Ekurhuleni Or Tambo Aerotropolis 总体规划
- **Qatar British Business Forum 2016**
2016 卡塔尔英国商业论坛
Organization of the Year
年度组织
- **Hong Kong Quality Building Awards 2016**
2016 香港建筑质量奖
Grand Award for High Standard of Quality for Hong Kong Housing Society
香港房屋协会高质量大奖
- **UK STEM Inspiration Awards 2016**
STEM Ambassador of the Year
Joanne Haskins, Birmingham
STEM 年度最佳大使
乔安娜·哈斯金斯, 伯明翰
- **The 9th South African Construction Awards 2016**
2016 第九届南非建筑奖
Women in Construction Pioneer of Innovation Award and Women in Construction Award, Noluthando Moloo, Johannesburg
建筑先锋女性创新奖和建筑女性奖, Noluthando Moloo, 约翰内斯堡

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