

THREE RIVERS PARK, PITTSBURGH

Art2Architecture and DPA has taken part in a lighting strategy that will be one of the largest river front regenerations in the US.

Art2Architecture London in collaboration with DPA Lighting and Beatrix Barker Associates has recently completed an extensive lighting strategy for Three Rivers Park in Pittsburgh in Pennsylvania – potentially one of the largest river front regeneration projects in North America. The team was selected by The Riverlife Task Force from an extensive international shortlist with a challenge to deliver a

comprehensive and aspirational lighting strategy demonstrating the value of lighting as a unifying element and inspirational tool.

Pittsburgh, a city located at the confluence of three rivers Allegheny, Monongahela and Ohio is recognised as having one of the most spectacular night time settings in North America.

The city – once one of the

wealthiest cities in America, breeding Carnegie, Mellon, Heinz Westinghouse, Frick – is today uniquely poised to become a premier 21st century sustainable city.

Following the collapse of the steel industry the city underwent extensive environmentally led regeneration creating conditions where the economic well being of a 21st century Pittsburgh will be created less through what is manufactured and more through the intellectual and creative capital applied to products, processes and services.

The practical allure of liveable vibrant cities can be seen not only in terms of incoming investment but also, most crucially for cities like Pittsburgh, in a dramatic effect on the cities demographics both in lower age profile and sustainability of population numbers.

To become a premier city requires making the global economic and social conditions to work for the city's benefit through innovative thinking when dealing with change as opposed to just passively mandating decline.

The Three Rivers park initiative is an interesting example of such innovative thinking on a grand scale. The masterplan for this ambitious public realm project aims at transforming the six and half miles of shorelines into a single, grand public space with

the water at its centre, no longer a barrier but a living surface connected with the land and shimmering with new activity. The psychological and urban appropriation of the water surface into the public realm fabric of the city connects the people of Pittsburgh with their city's most valuable livability resource - its rivers - as well as opening the possibility to foster a cohesive design approach.

In response, the lighting strategy delivered not only a unique night time vision for Three Rivers Park but also an achievable programme involving the whole community, recasting the confluence as premier public realm night time destination for all. Within this context lighting is seen as a major regeneration and place making tool forming the Park's identity, its relationship with the rivers, firmly establishing them in their rightful place as 24/7 centres of community life.

Many may view an expansive and innovative lighting strategy as a peculiar way to address endemic urban renewal needs. To address this the team has developed a comprehensive and creative approach to lighting linking the night time appearance of Three Rivers Park to Pittsburgh's economic, social and cultural context. Within this broader context the beneficial effect of a well imple-



J A P A N E S E

Art2Architecture London社は、DPA Lightingおよび Beatrix Barker Associates 両社との連携により、米ペンシルバニア州ピッツバーグにある Three Rivers Park の大規模な照明計画を完成させた。この計画は北米において最大のリバーフロント再生プロジェクトの1つとなるであろうと言われている。チームは、世界各国にまたがる膨大な候補の中から、Riverlife Task Force により最終選考を経て選ばれた。自然のあらゆる要素と水辺空間を創出するための道具を一体化させた結果としての照明の価値を実証でき

るだけの、総合的な、また熱意のこもった照明計画を推進するという課題に挑戦する目的を担っている。この照明計画では、照明の演出によって Three Rivers Park が夜間独特

C H I N E S E

Art2Architecture London 同 DPA Lighting 和 Beatrix Barker Associates 両家公司合作。于近期完成了一项针对宾夕法尼亚州匹兹堡市 Three Rivers 公园的大型照明设计方案。这可能成为北美地区最大的河畔改造项目之一。

设计小组由河岸治理委员会 (The Riverlife Task Force) 从大量国际候选人员中挑选组建。小组的任务是提交一套涵盖全面、设计领先的照明方案。其要展示照明作为景观融合因素和创意激发工具所具有的价值。提交的照明方案不仅使 Three Rivers

公园呈现出独一无二夜间景观，更是一个可行的全民参与项目。它将这座人流量集中的公园改造成向所有人开放的首届一指的夜间休闲场所。在这样的背景下，照明已成为主要的改造和景观造型工具，并成为公园的标志性主题。它与河水之间的互动关系，将照明与河水牢固地确立为社区生活的全天候中心。河灯初上，众多西德堡式过路架桥组成景观优美的通道，并连接公园其它区域。这样栩栩如生的例子见证了公园工程设计成功。

F R A N C A I S

En collaboration avec DPA Lighting et Beatrix Barker Associates, Art2Architecture London a récemment mis le point final à une vaste stratégie d'éclairage pour Three Rivers Park à Pittsburgh en Pennsylvanie. Il est possible que ce soit le plus grand projet de régénération de rives fluviales en Amérique du Nord. L'équipe a été choisie par le groupe de tra-

vail Riverlife sur une liste présélectionnée. Son objectif était de présenter une stratégie d'éclairage complète et novatrice ouverte à tout le monde, l'importance de l'éclairage en tant qu'élément d'inspiration et d'unification. La stratégie d'éclairage offre à Three Rivers Park non seulement une vision nocturne unique en son genre mais aussi un programme réalisable faisant participer la communauté entière, donnant au confluent l'image d'une merveilleuse destination nocturne ouverte à tous. Dans ce contexte, l'éclairage est vu comme un outil primordial de régénération et de création d'espace, créant l'identité du parc et sa relation avec les rivières, et le plaçant dans sa position légitime de centre 24/7 de la vie de la communauté. Une fois éclairé, Three Rivers Park constituera une narration progressive des espaces, de destination définies et des points de Pittsburgh, nombreux et magnifiques, en seront les portes.

mented lighting strategy needs to be measured by:

- Higher earnings in the night time economy and tourism
- Increase in inward investment
- Lower overall energy costs in the sphere of public lighting
- Environmental benefits
- Reduction in levels of crime and fear of crime
- Effects of cultural revival and celebration

Peter Fink, light artist, who with his partner architect Igor Marko, directs the firm Art2Architecture sees light as a medium uniquely

suitable to the task of urban renewal.

Lighting is presented as a transforming element with the potential to create a sense of place on a variety of scales taking into consideration the many different settings that characterise the park, whilst recognising the value of darkness and the impact of linking sites and connecting communities to the rivers.

The Three Rivers Park, when lit, will become a narrative progression of defined destination spaces with the many impressive

Pittsburgh bridges creating both scenic and connective gateways. The night time appearance of the bridges of Pittsburgh is of vital symbolic importance to city. In addition to their strong urban presence in the park, many of the bridges represent an important link to Pittsburgh's industrial past. The lighting strategy examines in detail how bridge lighting has the potential to become powerful unifying presence drawing together water and land as the essence of Three Rivers Park.

The lighting of twelve inner city

bridges is also used as a key example of demonstrating to the city the need to stop thinking on a project to project basis and start thinking holistically, comprehensively and creatively. Whilst the completed Lighting Strategy is multi-faceted, citing design and planning guidelines, current and future development projects, it also looks at how lighting could help to position Pittsburgh regionally and internationally as an exciting night time destination. @

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It is hoped the Lighting Strategy will rejuvenate the river front in Pittsburgh



D E U T S C H
Art2Architecture London hat vor kurzem zusammen mit DFA Lighting und Beatrix Barker Associates eine umfassende Beleuchtungsstrategie für den Three Rivers Park in Pittsburgh in Pennsylvania erarbeitet – potenziell eines der größten Flussufer-Regenerationsprojekte in Nordamerika. Das Team wurde von Riverlife Task Force aus einer langen Liste internationaler Kandidaten zusammengestellt. Die Aufgabenstellung lautete, eine umfassende, ehrgeizige Beleuchtungsstrategie zu entwickeln, die die Rolle des Lichts als verbindendes Element und Mittel der Inspiration verdeutlichen sollte. Die erarbeitete Strategie präsentierte nicht nur eine einstufige inhaltliche Vision für den Three Rivers Park, sondern schuf auch ein praktisch realisierbares Programm, das die ganze Gemeinschaft einbezieht und den Zusammenfluss der drei Gewässer in einen fantastischen öffentlichen Nachtreffpunkt für alle verbindet. Die Beleuchtung fungiert dabei als wichtiges Mittel zur Regeneration und Ortsbestimmung

– ein Element, das die Identität des Parks und seine Beziehung zu den Flüssen prägt und ihnen einen festen Platz als rund um die Uhr aktiver Ort im Gemeinschaftsleben sichert. Durch die Illumination wird der Three Rivers Park zu einer narrativen Abfolge definierter Begegnungsbereiche, in dem die zahlreichen eindrucksvollen Brücken von Pittsburgh szenische Akzente setzen und als Verbindungsdienste dienen.

I T A L I A N O
Art2Architecture London in collaborazione con DFA Lighting e Beatrix Barker Associates ha recentemente portato a termine un progetto di illuminazione strategico per il Three Rivers Park di Pittsburgh, in Pennsylvania, sull'area alla confluenza dei fiumi Monongahela, Allegheny e Ohio e uno fra i più importanti progetti di rigenerazione di questo tipo di tutta l'America del Nord. Il team è stato selezionato dalla Riverlife Task Force da una shortlist di società internazionali con l'obiettivo di implementare una strategia d'illuminazione esaustiva a

dimostrazione del valore del lighting come elemento unificante e ispiratore. La strategia d'illuminazione ha fornito non solo una originalissima visione narrativa dal Three Rivers Park, ma anche un programma che coinvolge l'intera comunità, affermando la confluenza come punto di incontro e destinazione notturna di tutto il pubblico. In questo contesto, l'illuminazione è considerata un importante strumento di rigenerazione e formazione dell'identità del parco e del suo rapporto con i corsi d'acqua, eleggendoli a centri per la comunità usufruibili 24 ore su 24. Il Three Rivers Park quando illuminato, si trasforma in una narrazione progressiva di spazi di destinazione ben definiti, con i tanti ponti di Pittsburgh a creare vere e proprie porte di ingresso panoramiche e connettive.

E S P A Ñ O L
Art2Architecture London, en colaboración con DFA Lighting y Beatrix Barker Associates, ha completado recientemente una amplia estrategia de iluminación para el Three Rivers Park en Pittsburgh, Pennsylvania, que bien podría ser uno de los may-

ores proyectos de rehabilitación del los márgenes de un río de Norteamérica. El equipo fue seleccionado por The Riverlife Task Force a partir de una amplia preselección internacional con la intención de obtener una estrategia de iluminación global y ambiciosa que demostrara el valor de la luz como elemento unificador y herramienta inspiradora. La estrategia de iluminación ofreció no sólo una visión narrativa única para el Three Rivers Park, sino también un programa ejecutable que implicaba a toda la comunidad, dando nueva forma a la confluencia como un destino nocturno público de primer orden para todos. Dentro de este contexto, la iluminación se considera como una herramienta de rehabilitación y creación de espacios del más alto nivel que conforma la identidad del Park, su relación con los ríos y los convierte por derecho propio en el lugar en el que desarrollar la vida comunitaria las 24 horas del día, los 7 días de la semana. El Three Rivers Park iluminado se convierte en una progresión narrativa de espacios de destino definidos con los muchos e impresionantes puentes de Pittsburgh que crean puertas tanto escénicas como de conexión.