As I write this, the abandoned site of Union Carbide in Bhopal is getting cleaned of its thousands of tons of chemical contamination. This year, the city of Bhopal may finally rid itself of its toxic legacy.

It is difficult to believe, let alone rationalize, that it has taken us twenty-five years to embark on the task of cleaning this blighted landscape, the site of such a huge industrial catastrophe. In operation since 1973, this magnificent structure was the largest alpha-naphthol plant of its design anywhere in the world. The factory produced agricultural pesticides with a promise of a ‘greener and better India’ and used hazardous chemicals like phosgene, chlorine and methyl isocyanide that lay stocked in abundance at the site. Today, apart from some angry graffiti scribbled on its walls, there seems to be no visible link between the dilapidated structure and what some call the worst industrial disaster in history. The factory premises still have haw papers, uniforms, files, furniture strewn around, abandoned in haste, frozen in time. The structure of the magnificent factory has been left to rot - an uncenemonious death for the grandiose scheme that once stood as a symbol of ‘modern industrial’ India.

Unfortunately the story of Bhopal - an important chapter in India’s modern history - is plagued by many such clichés and ironies. The ongoing task of decontaminating the factory site is an overdue and unavoidable step towards the remediation of this landscape. The fractured mindscape of the city, however, needs something more. Something that not only makes it cleaner in body and spirit but also resurfaces its lost faith in science and industry. And what we do for the soul of Bhopal will not only set the precedent of our society coming to terms with loss and injustice but also its ability to creatively harness this angst into a testimonial for generations to learn from. Our pluralistic society needs to establish one visible icon that would clearly and (most importantly) non-religiouly represent the story of Bhopal.

However as I write this, in guise of cleaning and decontamination, we are losing this piece of history from Bhopal. The story of Bhopal raises more questions than answers. For many people, the factory site is a grim souvenir of the tragedy and for the State a constant reminder of its burden. Two decades of debate on Bhopal have failed to raise some real issues - what does Bhopal represent to us and how to acknowledge these bad memories through conservation as an act of social catharsis. Moreover, the fate of this historic structure remains besieged by the conventional notions of ‘heritage’, its depressing associations and of course the ease with which it lends itself to rudimentary cleaning techniques of dismantle and dump. It becomes impossible then not only to question our appetites for destruction but our anonging stubbornness to continue living on the very edge of development and disaster. The machine as symbol, as meaning has not been understood.

As a result we always end up looking at what happened in Bhopal or what we can do in Bhopal but not at what Bhopal is saying about our society. Justice to history and memory at Bhopal will not be served till we acknowledge the loss and preserve the remains of the site for remembrance and learning. Over the last few years, my office...
The title, “1/125 of a second – photography and the industrial heritage”, is a paraphrase of an essay by the Swedish documentary photographer Sune Jonsson. He stressed the deep interconnection between knowledge and documentary photography, both in the moment of the making of the photographs and in their later interpretation.

Industrial and engineering heritage

After their seminar on engineering heritage in Newcastle, UK, this summer (see TICCIH Bulletin 42) several Europa Nostra (EN) members are proposing an Industrial and Engineering Heritage Task Force to coordinate and reinforce actions in favor of the industrial and engineering heritage. EN already has two important pan-European players in the field of Industrial/Engineering Heritage – Frederic, the European Federation of Museum & Tourist Railways, and European Maritime Heritage – its importance was highlighted in recently adopted Europa Nostra strategic Plan 2008-2010 under the main theme “Heritage Conservation, Interpretation and Management”.

Among the objectives of the IHFT are to create an effective and visible Industrial and Engineering Heritage platform within EN, to start mapping out the relevant topics that are dealing with this heritage and to develop exchanges with professional Industrial Engineering Heritage organisations outside EN – and Europe – in order to identify the most urgent topics in the field of management and conservation, with a view to translating them into policy recommendations (including links with environmental policy), as well as campaigning for the preservation of specific buildings if identified, as was the case with Thurn & Taxis Warehouse. This idea is being developed by Dr Pierre Lacanore, President of ISOCARP and the TICCIH President is following the proposal.

National Representatives and Correspondents

Elections for the new German National Representatives were held by TICCIH Germany on November 9, 2008 in Bonn. Norbert Tempel was chosen and the Secretary is Alexander Kierdorf. Together they are the editors of the German National Report that will be published this summer at the Freiberg Congress.

After three years as president of TICCIH Argentina, Graciela María Visuales has passed the responsibility to the Cordoba architect Laura Amarilla. The Argentine committee elected Laura as the new president with effect from the beginning of this year. She is organizing the second meeting on the agro-industrial heritage in her home city in November.

Finally we have for the first time a Correspondent in Monaco. He is Saadia Baha, Chef de service, Direction du Controle de la de la Prevention des Risques, Departement de l’Energie et des Mines. And also in Colombia, Andres Satizabal, whose address is Taller del territorio, x. Universidad de los andes, Bogota, Colombia, andresba@hotmail.com

The Electricity Thematic Section is arranging a Working Session in the summer at the Museo de la Ciencia i de la Tècnica de Catalunya in Terrassa, Spain to discuss the methodology it will develop to draw up its register of historic electric and electrochemical sites, and to define the criteria for making a general catalogue of this heritage. They plan to present this at the TICCIH meeting in Germany. The final dates to be announced on the TICCIH web site.

Thanks to all the contributors. Photographs are by the authors unless stated otherwise.
The “Inventaires” seems to be a French adventure of the glorious after-war period, with no mark, if no lesser results, in other countries. The concept was brought forward by the prominent historian of art André Chastel at the beginning of the 1960s and began its official career in 1964, when ministry of Culture André Malraux initiated a “commission” in charge of the complete inventory of the monuments and works of art in France. First a State administration with an office in each of the French 23 ‘regions’, the “Inventaire service of cultural heritage” is since 2004 onwards in the hands of 23 regional services, financed and led by the regions. All researchers follow the same method, elaborated in the State administration, including the publication of their research in the way of normalised summaries and high-quality photographs on databases open to the public.

The main challenge encountered by the “inventory” method is today unquestionably the heritage of transport networks and this for several converging causes. First, networks are made of linear segments where the same items are repeated, items which wouldn’t “deserve” by their own technical, historical or artistic value a full description, would they not be part of a greater coordinated system. Second, full documentation in technology, history of technology and the functioning of canals, railways, overhead power lines, etc., are demanded for describing the items under study. Third, networks may spread over several regions and their study involves several regional offices which have to cooperate and harmonize their research programmes. Finally, the files regarding each item (e.g. a bridge, a lockkeeper house, a signal in the case of canals) have to be organized in a structure which gives a true image of the network instead of a collection of scattered items in the databases. If the latter problem is easily overcome by thorough discussions among the researchers, the regional services and the ministry of Culture, which is responsible for the general methods and the first two are a real challenge and the third one cannot be solved but by continuous exchanges in the researchers’ community.

The invention of railway technology experts or other resources to facilitate railway inventories everywhere in the world, as well as to go in depth into the study of each one of the networks which have to be organized in a structure which gives a true image of the network instead of a collection of scattered items in the databases. If the latter problem is easily overcome by thorough discussions among the researchers, the regional services and the ministry of Culture, which is responsible for the general methods and the first two are a real challenge and the third one cannot be solved but by continuous exchanges in the researchers’ community. The fact is, the railway French Historical Society, together with the French ministry of culture which sponsored the event, recently proposed a one-day conference on the railway heritage inventory. Entitled “Taking Stock of the Railway heritage: Confronting Methods and Experiences”, the conference had three main objectives.

The first one was the assessment of the inventories which have been led to date, as to their interests, methods and results, in order that they would be better known by the researchers themselves, by the regional authorities, by the railway companies and the public body which is in France the owner of the railway tracks and equipment. The second one was tackling with the problems which the researchers meet or are afraid to meet when confronted to railway heritage, and the causes which might be asciliated to them, i.e. if a matter of the railway heritage being too technical a topic of study, its linear form, the fact it is often oversized and what is left of them is a poor quality? What are the archive sources, the railway technology experts or other resources which can help the research to be done and facilitate railway inventories everywhere in France? The third and last one was the makeup of a network about networks, i.e. a community of people who could in the future count on each other’s abilities to go on in the development of railway heritage inventory (Records of the debates to be listened to online at: http://www.ahicf.com/mp3/actes2008.htm). The proceedings will be soon in print in the Revue d’histoire des chemins de fer. See: http://www.ahicf.com

The building of new lines or the resuscitation of ancient ones, in Africa, Southern Asia and Southern America the railways were first a component of imperialism. Building railways in African places where a European eye could see no other transport, because traditional transport modes didn’t need obvious infrastructure, was both a way of designing and controlling the country and a tool for exploiting its resources. The network design follows the map of the natural resources, the railway equipments are often oversized and what is left of them is a problem as to the conservation of this heritage. Besides, in some countries, especially in South America, the whole network was closed in the declining years of the railway freight transport, together with deindustrialisation, in the 1950s. For all these reasons, the constitution of a thorough methodology for railway heritage inventory is an essential topic on the agenda of industrial heritage studies. The TICCIH railway section, which was constituted last year thanks to an initiative of TICCIH Mexico in the beautiful railway heritage site of Aguascalientes, is contemplating its second international meeting in the course of 2009. This meeting will be an opportunity for launching the inventory of main railway sites in the world, as well as to go in depth into the question of inventory methodology, its normalization and the dissemination of the amount which is added daily to our knowledge of railway heritage.
The Central station of Stuttgart by Paul Bonatz (1877-1956)

Dr. Matthias Roser

The central station of Stuttgart is among the most important buildings from the beginning of the 20th century in Germany and Europe. It can be described as the first "modern" station and ranks among avant-garde buildings like the "AGB-Turbinehalle" (1908/09) in Berlin by Peter Behrens and the "Fagus-Werke" (1911) in Alfeld by Walter Gropius.

After long studies concerning the site of a new central station for Stuttgart, King William II of Württemberg (1848-1912) made his decision in 1907 on the basis of specialist advice. In 1910 the Railroad Company opened an architectural contest and the jury supported the project of the young Lorraine architect Paul Bonatz (1877-1956) and of his partner Friedrich Eugen Scholer (1874-1949).

Bonatz named his project "umbilicus sueviae", the navel of Swabia, referring to the great economic importance of the station and the fact that it would be a terminus. Finally, in December 1914 work began but three years later the First World War forced the suspension of all work, which was only resumed in 1919. On October 23, 1922, the last train left the old station and the first train entered Bonatz' half-finished station, later to become the emblem of Stuttgart. Only at this stage of the work was it possible to continue the construction of the building and the rails of the old station which passed through the middle of the building site were removed. Finally the "Hauptbahnhof" was completed in 1928.

Looking at this station through today's eyes, one is initially struck by its monumental effect. Bonatz explains this feature with the enormous economic importance which this building had not only for the city of Stuttgart but also for the whole region of Swabia. "Everyone agreed that this building required a monumental effect: it represents much more than only the end of the railway lines. The station is a monument of the city and the whole area."

What was new at the time was the manner in which Bonatz created this monumental effect. It does not need more to quote the art of Constantin. for example, as "la gare du Midi" in Brussels still shows (built in 1863-1869). The slightly parabolic arc of the small counter-hall ("kleine Schalterhalle") shows the difference well: there is no longer the last trace of a real model. Bonatz succeeds in expressing the monumental only as a master-builder who has freed himself from imitating ancient styles. He rediscover the artisan quality of the stone mason.

Another characteristic feature of the central station of Stuttgart is its asymmetrical plan. This distinguishes it from the majority of the buildings of the time. Bonatz succeeds in forming a free composition full of tension with several cubes of different volume culminating in the tower. Then it is necessary to mention the urban aspect, because the "Hauptbahnhof" fits perfectly with the structures of the city centre which it increased. The architect endeavoured to facilitate passenger movement in the station as much as possible with two counter-halls, the small one more for commuters, the large one more for long-distance travellers. In the axes of these two halls were the corresponding platforms.

The luggage-counters were on the ground floor between the middle-exit and the large counter-hall. Thus the travellers' pass were as short as possible. The transport of the luggage from here to the trains was done on the ground floor by railway workers. The travellers went to the first floor, the level of the platforms. Along the third hall, the large terminus station hall, called "Hauptbahnhartfront", there were restaurants, waiting rooms, the station hotel ("kleine Schalterhalle"), the hairdresser and some more kiosks. Under the platforms, two tunnels facilitated postal transport and the transport of express parcels and a third one for the passengers changing trains.

In comparison with other stations of the time, for example that of Leipzig, it is necessary to affirm the architectural, urban qualities and functional calculus of the "Hauptbahnhof", which fully justify its title as a masterpiece of the architecture of the 20th century. That also explains why the station is classified as a historic building in accordance with § 12 of the law of the State of Baden-Wurttemberg. But above all, Paul Bonatz knew how to keep - in spite of the monumental effect - proportions in conformity with the human scale.

The present owner is the Deutsche Bahn AG which has neglected it for decades. Worse still, major parts of the station's architecture are threatened directly in the very near future. During the construction of a new underground main station, known as "Stuttgart 21", a whole series of serious interventions are envisaged into 2009/10: complete demolition of the station's towers and the floor in the terminus station hall.

The dead-end station would lose by these brutal amputations the balance of its sublime composition which culminates in the tower. The length of the frontage would be reduced by half. The result of all this would be a torso. It is particularly serious that it is the federal state, the owner of Deutsche Bahn AG and vigilantly supported by the State of Baden-Wurttemberg, the region of Stuttgart and the city of Stuttgart, which are proposing the mutilation of a widely known historic building. It is necessary to express the grave doubts about the measures envisaged and we urgently request the people in charge of the project to develop alternatives to the planning presented up to now. We have to find a solution which respects the monument and its great role for the city of Stuttgart.
Argentina

Why it is worth preserving the industrial heritage: the Liebig beef processing company town
Adriana Ortea

The production of beef has left the mark of collective social progress on the Pueblo Llape in Argentina, while products such as canned corned beef and beef extract with the Liebig brand became utilizations on the tables, hospitals and nursing homes of Europe or in the fountains of the two world wars.

The foundations of Argentina rest on the development of the economy of wheat and beef, easily exploitable and exportable sources of natural wealth. Cattle raising was introduced to the River Plate by the Spanish around 1570, from Paraguay, encouraged by the Jesuits. The first factories of tallow and grease followed; then plant for preparing salted meat in 1810 and with the invention of the dry cooler to preserve meat, in 1876 began the era of cold stores.

In Entre Ríos, development and prosperity was based on the production of livestock and saffron. English capital installed canned meat factories in Liebig in the rio Uruguay in 1903 and Borri in the rio Panamá in 1909. Liebig’s Extract of Meat & Co. arrived in South America at the end of the 19th century to build three factories along the river and a port for goods to enter and leave. Production began in Fray Bentos, Uruguay and expanded at Entre Ríos, which began its transformation to a modern industrial plant. It consolidated as a ‘company town’ which included areas of employment, worker housing and spaces for recreation. The village with 220 houses was divided into two sectors by the mangia, the avenue where cattle were brought to the factory. On the south side lived workers in identical houses while to the north lived employees in four models of ‘chalets’ in a sort of garden city. The factory was planned to process 1400 cattle daily. All was used and nothing wasted a perfect, rational organization. Since production ended at the ‘Liebig’, thousands lost their work and left. The factory started to turn to ruin and the village looked like a ghost town. Without losing its charm, for those living there, others began to arrive to experience the industrial heritage.

From 2001 it has developed a tourism industry with routes to learn the processes and history of the town. The social, cultural and economical history is interpreted, and shows how an electrical generator can be an emblematic a building as a cathedral.

There are still traces of the streets and houses of the village industrial but in September 2008, the owner of the factory started demolition work. The Technological memory held in the generators of W. H. Allen Sons, Bedford, the Molitor boilers of Goodwins, Glasgow; the compressors from Ingersoll-Rand in New York, motors from MAN Diesel in Germany, refrigerators from York Shipley in London, are being dismantled and sold for their scrap value.

In Argentina, the legal framework for protection of cultural property exists, but without the institutional will to respect it or cultural practices to valorize it. The challenge is to retain and reuse some of the obsolete industrial heritage, incorporating it in its territorial dimension as a cultural landscape where factory, village and river testify to the identity and memory of the work.

As part of the rescue operations from the Liebig archive heritage, I am scanning the worker registration forms of the Fábrica Colón between 1936 and 1965, with a grant. The project is to catalogue and make these documents available for research and consultation.

The factory and people are a page of history, to listen to the voices emanating from the walls. History and heritage are tools which we have, not to always look backwards but also to build a better and more worthwhile future.

Spain

Democrats vote yes for chimneys

A popular referendum to decide the future of the thermal power station of St Adrià de Besós in Spain recently voted in favour of preservation and re-use for local services over demolition of the landmark structures. The three chimneys of the power station are the only widely-recognized symbol of industrial suburbs of Barcelona, easily spotted during the drive down the coast to the city airport. The connection with TICCIH is through President Escolano Casañes who was a young industrial engineer in 1970 and worked on the original design of the Siemens combined cycle coal-powered generator. The furnaces were housed in the long building in the foreground and the boilers hung vertically beneath each of the chimneys.

The referendum capped a campaign to change the plans of the power company which wanted to clear the site and build apartments by the sea. The original idea to hold a referendum was agreed between town council, owners and local groups and is binding. Though a less than 10% turn-out, 2,597 enthusiastic citizens, the yes vote was overwhelming. Various options for new uses might include a museum of transport or part of the 65,000 m² site.

Education and training

Master in TPTI

Master TPTI is a course proposed by a consortium of the University Panthéon-Sorbonne Paris (France), the University of Evora (Portugal) and the University of Padova (Italy). It groups together three courses: History of Technology, Management and promotion of the cultural heritage and Conservation, management, enhancement and communication of industrial heritages and is addressed to students who would wish to advance their knowledge of the history of technology, archaeology and industrial heritage. Within the two years framework of studies the accent is on research and training. At the end of this programme, students obtain three diplomas (Master of History of Technology, Master of Management and promotion of the cultural heritage - Master of Conservation, Management, Valuation of industrial heritage) and one diploma supplement, detailing the complete programme. TPTI can lead either toward a doctorate or into professional work in museums, inventories, collections, education, consulting in management and valuation of territories and monumental structures, scientific and technical journalism. For more information, see www.tpti.eu.
Le Reti Internazionali dei Geositi e dell’archeologia industriale
International network of geosites and industrial archaeology

Dr David Worth
South African National Representative

This meeting was organized, hosted and funded by the Parco Geominerario Storico Ambientale Delta Sardegna (Historical Geo-Mineralogical and Environmental Park of Sardinia), in Carbonia and Iglesias, Sardinia, on 6th and 7th November 2008. The first day of the conference was at the Settaru coal mine museum, in Carbonia, and included a tour of the reconstructed ‘underground workings’. The mine was ordered to be established by Mussolini in the 1930s, at a time when Italy was subject to international sanctions because of its invasion of Ethiopia. The city of Carbonia, said to have been built in 300 days, was established to house the 30,000 or so mine workers, and was inaugurated in December 1938. The mine was closed in 1974, and in the past two years a museum has been established in the former ‘lamp hall’ of the mine. It comprises interpretive panels in Italian and English; static models; artifacts such as tools and personal effects; and archival photographs. After the mine closed, much of the site was pillaged before conservation began in 2002. There is much still to be done, with new sections of the museum, a research centre and a craft centre all planned for the future. The museum is jointly controlled and managed by the geo-park authority, the regional authority, and the municipality, and now has about 30,000 visitors per year. A web portal has been set up at www.retidelparco.it.

Opening the conference, Giampiero Pinna, now Director of the Geo-Park, when he was one gallery, a plaque commemorates the year lead and zinc mine closed 10 years ago. In the outskirts the Galleria Villamarina-Monteponi, a 1930s, at a time when Italy was subject to international sanctions because of its invasion of Ethiopia. The city of Carbonia, said to have been built in 300 days, was established to house the 30,000 or so mine workers, and was inaugurated in December 1938. The mine was closed in 1974, and in the past two years a museum has been established in the former ‘lamp hall’ of the mine. It comprises interpretive panels in Italian and English; static models; artifacts such as tools and personal effects; and archival photographs. After the mine closed, much of the site was pillaged before conservation began in 2002. There is much still to be done, with new sections of the museum, a research centre and a craft centre all planned for the future. The museum is jointly controlled and managed by the geo-park authority, the regional authority, and the municipality, and now has about 30,000 visitors per year. A web portal has been set up at www.retidelparco.it.

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Our hosts were extremely generous in providing flights and accommodation for all delegates, together with all costs of attending. There was a splendid farewell dinner in Cagliari, on a day when the food of Sardinia was being celebrated in every major restaurant in Italy, and we were very well cared for. So, many thanks to all the organizers, and most especially to Gaetano Pinna and Francesco Migone and Empar Ripollès.

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Mining Landscapes
International conference

Lewarde, France, 13-15 November 2008

Covering a banana-shaped territory about 120 kilometres long, home today to more than a million inhabitants, the coalfield of the Nord-Pas-de-Calais region is currently well placed on France’s tentative list for nomination to UNESCO’s list of World Heritage. The candidacy, in the category of cultural landscapes, is an ambitious one, but has enthusiastic support from all the local authorities and from the local population. Although it may not present any sites which can claim to be of epoch-making historical significance, the landscape as a whole, with several complete colliery ensembles preserved intact, pit-head winding gear of several generations, more than 200 coal tips, and acres upon acres of 19th- and 20th-century company-built miners’ housing, is clearly of outstanding universal value. Several international experts agree. And the simple fact that this landscape soon figures on the UNESCO list has already had a considerable impact, changing perspectives and bringing a new sense of pride to the local community.

This candidacy was the context, from 13 to 15 November 2008, of an international conference on the heritage of mining landscapes. It was held at Lewarde, near Douai in the Nord-Pas-de-Calais, one of France’s two major coal-mining regions. The conference, which attracted about 150 participants, was co-organised by this Centre Historique and by the CILAC, France’s national association for industrial archaeology, for which this was its fifteenth national conference.

The questions addressed during the conference’s open sessions began, obviously enough, with an attempt to define what a mining landscape is, what elements constitute its specificity and how it can be understood, in a positive and even attractive ways, as a cultural landscape. The CILAC was anxious from the outset not to limit the examples to French coal-mining landscapes, and papers were heard on the coal heritage of Great Britain, Germany and Poland, as well as on the landscapes generated by other ores—metallurgical sites in Ticany and Sardinia, uranium mines in the West of France, silver mining in Slovakia, basalt in the South of France, asbestos in Canada. Another session took a look at the way in which these landscapes have been depicted by artists, and how, with changing ways of seeing, the notion of the landscape has emerged as an analytical tool in the social sciences and in even in heritage management. The proceedings of the conference will be published by the Centre Historique Minier in March 2009.

The conference included two coach trips, jointly organised by the Bassin Minier Unesco association, the Office des Terres, an association particularly concerned with the preservation of the region’s coal tips, the Bassin Minier Mission and the Scarpe-Escout regional park. The visits commenced at the 11-19 Loos-en-Gohelle colliery, remarkable for its preservation of an emblematic 1958 winding tower and for the twin coal tips, two of the highest in Europe at 186 metres. The 9-9bis colliery at Oignies was also visited, a coherent ensemble dating from the inter-war period and which witnessed the end of coal extraction in the region, in 1990. Plans are going ahead here for a cultural conversion based primarily on the theme of music, a vital part of the region’s intangible heritage. The second day’s visits took in the Walker-Amsberg colliery with its three headframes of 1903, 1920 and 1957. The conference participants had the privilege of going up to the summit of this last, 72-metre high headframe, to admire a landscape that may be described as windy, damp and overcast.

Understanding one of the underlying paradoxes highlighted by the conference—the invisibility of the immense underground landscapes that explain the physical and social upheavals above—Denis Wauthoz, enthralled with the difficult task of drawing the conference to a conclusion, suggested some further lines of enquiry and research how to account for the sounds and smells of the landscape, how to place the miners in the landscape, how to pursue the analysis of different representations of the landscape in paintings, post cards and photography, how to articulate the notion of landscape and territory... So... more mining conferences on the horizon!

Publications

Between the Earth and the Air
Marco Antonio Hdez. Badillo

Between the Earth and the Air is a tribute to the miners and to their world, but also a reflection on the industrial patrimony of Hidalgo’s region, a historic document that is part of the rich patrimony guarded by the Historical Archive and Mining Museum, A.C. The book also gives continuity to the Museum’s project of recuperation and diffusion of a culture sculpted day by day, by the persons that have developed the productive activity in the mining district of Real del Monte and Pachuca: labourers, miners and businessmen. The Historical Archive and Mining Museum, A.C., has become one of the inheritors of that cultural legacy, for that reason has decided to commemorate its twentieth anniversary with the edition of this book.

Belen Onises Gámez
President TICCIH Mexico
has been making a case for the protection of this industrial site - a precursor to revitalization of the 80 acres of the factory lands. After twenty five years of inaction, the Bhopal story has not remained exclusively Indian but of every town across the world, struggling to strike the fine balance between Industry, ecology and the greater common good. Marieberg (Sweden) Seveso (Italy) and Missouri (USA), Howrah (India), Guangxi (China), Santa Catarina (Brazil), Makua-Iluu (Kyrgyzstan), Havelock (Swaziland) each are a part of the bigger picture that Bhopal represents.

The inaction has also aided the slow dilapidation of the factory plant. International support is urgently called for to strengthen the case of protection. Expertise to evaluate, document, analyse, critique, clean, conserve, communicate, market or simply support this cause are required.

This remains a challenge for TICCIH to devise a ‘multi-pronged’ approach in Asia that places it above a top-down super specialty that very few people understand or appreciate.

Discipline as a non-prescriptive, broadly based and inclusive master planning approach rather than a top-down super specialty that very few people understand or appreciate.

Many of our cities are dotted with historic and significant industrial vestiges. The case of the abandoned UC site is a microcosm of the complexity and overwhelming pressures that these cities are facing while preparing their response to this heritage. This constant state of flux illustrates a situation that many Asian cities are faced with. As an architect and an academic, I find many visits need to be filled before protection, conservation, revitalization or celebration of the industrial heritage can be absorbed by the mainstream professional and academic system in India. It remains a challenge for TICCIH to devise a ‘multi-pronged’ approach in Asia that places this discipline as a non-prescriptive, broadly based and inclusive master planning approach rather than a top-down super specialty that very few people understand or appreciate.