



FIDIC SUSTAINABILITY PACK



Solutions for Unsustainable Development

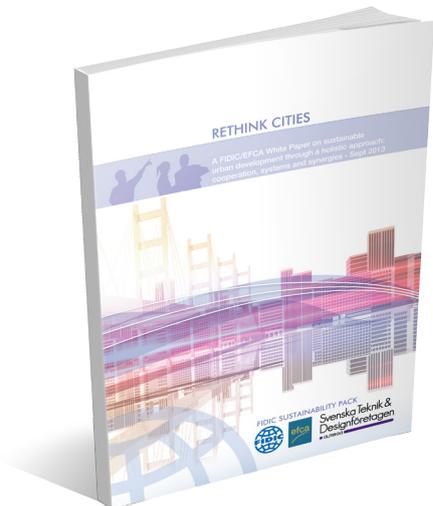
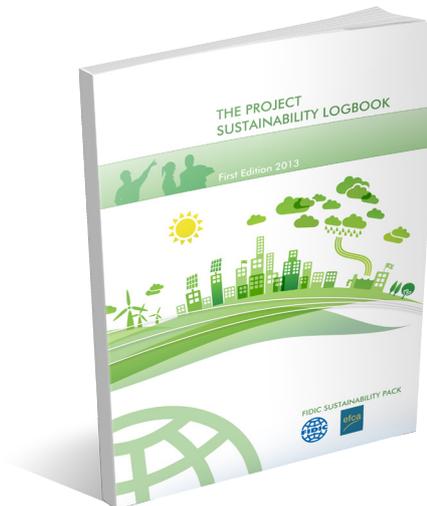
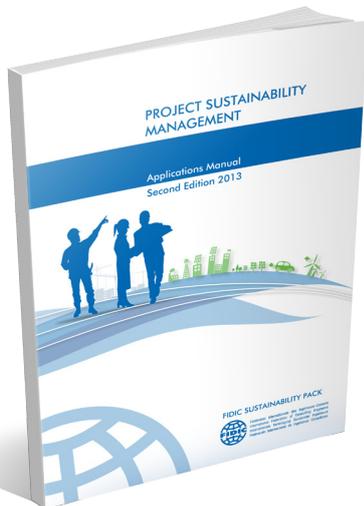
The International Federation of Consulting Engineers

(FIDIC) is implementing the consulting engineering industry's strategic sustainability message. Our world has been seriously weakened by unsustainable development and far-reaching consumption. Humanity faces serious environmental challenges including declining biodiversity, degraded land and soil, depleting natural resources, polluted air and water, and now severe climate risks.

The consulting engineering industry will commit to increase its contribution to society dealing with sustainability challenges. The International Federation of Consulting Engineers' (FIDIC's) *'2013 pack for sustainability'* will be used by the industry and its partners, and focus will be directed at urban environments, where some 75 % of the global environmental constraints are located.

A new approach to Sustainable Infrastructure is vital to our future qualities of life. The engineering industry has to and is formulating a holistic approach on the role of cities in addressing sustainability challenges. Consulting Engineers and Architects have a crucial role and unique possibility to play in this process, contributing to an environmentally sustainable society through research and development, knowledge sharing, planning, design, procurement, construction, operation, maintenance and recycling.

During the first decade of the 21st century, sustainability requirements progressively replaced environmental requirements, and considerable reference material emerged (laws and regulations, rating systems, standards, etc). In the meantime, more and more sophisticated technologies have been developed to tackle innovative solutions to energy, water and transport use in better coordinated ways.

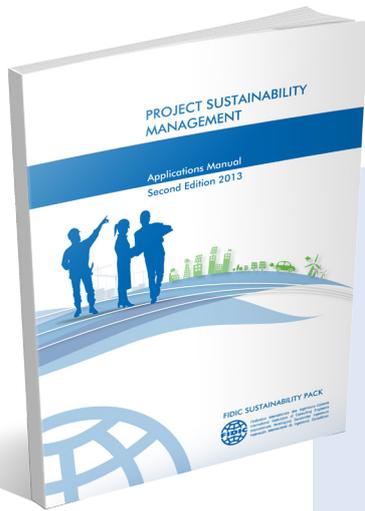


A "sustainability pack"

In 2004, **The International Federation of Consulting Engineers (FIDIC)** published the Project Sustainability Management Guideline (**PSM I**) to provide the industry with an approach in developing project specific indicators. In March 2012, a policy statement was issued on climate change, and in September 2012 a report on sustainable infrastructure, with a focus on decision making, was published. This report included a world overview of existing sustainability tools for infrastructure.

The consulting industry is well placed to deal with these developments and clarify the issues, in order for engineering

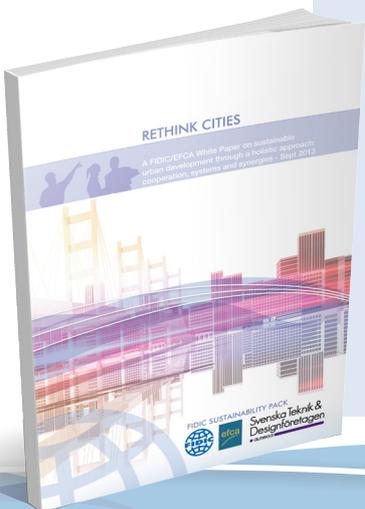
consultants to offer the best services that fit with present and future demands from owners and from society. Building on this previous experience, including partnerships with some international institutions (World Bank, UNEP, ISO, EU) a new "Sustainable Pack", comprising three complementary publications, is to be published by FIDIC and EFCA the European Federation of Engineering Consultancy Associations. This 'pack' comprises; **"Rethink Cities"**- a white paper on societal challenges; PSL@2013 - a tool to support owners and their partners with collaborative work on sustainability; and **PSM II** - a guideline for consulting engineers implementing major sustainability issues in projects.



PROJECT SUSTAINABILITY MANAGEMENT - APPLICATIONS MANUAL - PSM II is first and foremost, a list of core issues that engineers should consider when carrying out projects in a sustainable way, backed up by a number of processes for broad inclusion of stakeholder input. Each item in the list brings with it a set of perspectives, which are the sustainability considerations that affect the way these issues should be considered on the project. A good part of this manual consists of descriptions of these perspectives and an indication of possible project responses as well as logical links between the perspectives of different issues.



PSL®2013, THE PROJECT PROGRAMME SUSTAINABILITY LOGBOOK, proposes a common language on sustainability, to be shared by stakeholders, for selecting objectives and issues for specific projects /programmes and monitoring tables for collaborative works, and for their follow up all along the life cycle of the project. PSL, the Project Sustainability Logbook, published by FIDIC in 2012, in line with the PSM1 methodology, proposes tables for the selection of objectives and issues for specific projects and their monitoring all along their life cycle.



“RETHINK CITIES” - EFCA/FIDIC 2013 WHITE PAPER presents the background resulting from major trends of societal development, in which projects or programs have to be developed within the next years. It clarifies that the increasing demands on sustainability are very often concentrated to cities. It demonstrates with many examples from engineering consultancy firms, the benefits that can be gained when considering interrelationships between urban functions and advocates for a systemic approach to cities.

The International Federation of Consulting Engineers (FIDIC) is promoting and implementing the consulting engineering industry's strategic goals on behalf of its Member Associations. Today, FIDIC membership covers more than 100 countries worldwide. The European Federation of Engineering Consultancy Associations (EFCA) is the European representative of the consulting engineering industry that designs a major part of the Europe's infrastructure and building construction. EFCA has member associations in 24 countries. Svenska Teknik&Designföretagen - The Swedish Federation of Consulting Engineers and Architects is the common trade and employers' association for Sweden's architects, building and engineering consultancies.